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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 April 2009

Summary

New orders for manufactured goods in April, up two of the last three months, increased $2.5 billion or 0.7 percent to $344.4 billion, the U.S. Census Bureau reported today. This followed a 1.9 percent March decrease. Excluding transportation, new orders increased 0.1 percent.

Shipments, down nine consecutive months, decreased $0.8 billion or 0.2 percent to $357.3 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 1.8 percent March decrease.

Unfilled orders, down seven consecutive months, decreased $8.9 billion or 1.2 percent to $748.7 billion. This was the longest streak of consecutive monthly decreases since November 2001-July 2002. This followed a 1.7 percent March decrease. The unfilled orders-to-shipments ratio was 6.01, up from 5.98 in March.

Inventories, down eight consecutive months, decreased $5.1 billion or 1.0 percent to $517.6 billion. This was the longest streak of consecutive monthly decreases since March 2003-January 2004 and followed a 1.2 percent March decrease. The inventories-to-shipments ratio was 1.45, down from 1.46 in March.

New Orders

New orders for manufactured durable goods in April, up two of the last three months, increased $2.7 billion or 1.7 percent to $160.9 billion, revised from the previously published 1.9 percent increase. This followed a 2.2 percent March decrease.

Transportation equipment, up two of the last three months, had the largest increase, $2.2 billion or 5.8 percent to $40.6 billion.

New orders for manufactured nondurable goods decreased $0.2 billion or 0.1 percent to $183.5 billion.

Shipments

Shipments of manufactured durable goods in April, down nine consecutive months, decreased $0.6 billion or 0.4 percent to $173.8 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 1.9 percent March decrease.

Machinery, down four consecutive months, had the largest decrease, $1.0 billion or 4.2 percent to $22.7 billion.

Shipments of manufactured nondurable goods, down eight of the last nine months, decreased $0.2 billion or 0.1 percent to $183.5 billion. This followed a 1.6 percent March decrease. This decrease was due to chemical products, which decreased $0.4 billion or 0.8 percent to $49.8 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in April, down seven consecutive months, decreased $8.9 billion or 1.2 percent to $748.7 billion, unchanged from the previously published decrease. This followed a 1.7 percent March decrease.

Transportation equipment, down seven consecutive months, had the largest decrease, $4.7 billion or 1.1 percent to $438.9 billion.

Inventories

Inventories of manufactured durable goods in April, down four consecutive months, decreased $3.0 billion or 0.9 percent to $326.5 billion, revised from the previously published 0.8 percent decrease. This followed a 1.7 percent March decrease.

Primary metals, down seven consecutive months, had the largest decrease, $1.0 billion or 3.4 percent to $28.0 billion.

Inventories of manufactured nondurable goods, down eight consecutive months, decreased $2.1 billion or 1.1 percent to $191.1 billion. This followed a 0.3 percent March decrease. Chemical products led the decrease, down $0.9 billion or 1.4 percent to $64.5 billion.

By stage of fabrication, April materials and supplies decreased 1.6 percent in durable goods and 1.5 percent in nondurable goods. Work in process decreased slightly in durable goods and increased 0.3 percent in nondurable goods. Finished goods decreased 1.3 percent in durable goods and 1.3 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 May is scheduled for release on June 24, 2009, at 8:30 a.m. EDT and the full report on July 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		
	Apr. 2009[p]	Mar. 2009[r]	Feb. 2009	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2009[p]	Mar. 2009[r]	Feb. 2009	Apr. 2008	2009[p]	2008	Percent 2009/ 2008
All manufacturing industries	357,270	358,073	364,479	-0.2	-1.8	-0.5	353,067	370,878	336,200	447,052	1,392,541	1,716,442	-18.9
Excluding transportation	311,961	313,022	319,932	-0.3	-2.2	-0.6	309,316	320,879	293,533	394,044	1,218,638	1,499,192	-18.7
Excluding defense	343,909	344,865	351,335	-0.3	-1.8	-1.0	340,188	356,481	323,511	435,869	1,343,129	1,673,138	-19.7
With unfilled orders	124,626	126,704	128,949	-1.6	-1.7	-0.2	120,963	136,574	119,217	151,526	489,917	594,896	-17.6
Durable goods industries	173,771	174,417	177,831	-0.4	-1.9	-0.9	171,039	186,624	164,265	213,520	680,308	837,865	-18.8
Wood products	7,479	7,173	7,506	4.3	-4.4	0.5	7,538	7,121	6,801	8,340	27,693	30,893	-10.4
Nonmetallic mineral products	7,333	7,415	7,718	-1.1	-3.9	-1.8	7,467	7,352	6,683	9,623	28,174	35,275	-20.1
Primary metals	12,572	13,111	14,169	-4.1	-7.5	-2.9	12,839	13,638	13,151	23,298	53,191	87,189	-39.0
Iron and steel mills	4,899	5,320	6,113	-7.9	-13.0	-6.1	4,967	5,525	5,572	11,956	21,981	43,362	-49.3
Aluminum and nonferrous metals	6,485	6,480	6,690	0.1	-3.1	-1.2	6,701	6,699	6,300	9,466	26,103	36,779	-29.0
Ferrous metal foundries	1,188	1,311	1,366	-9.4	-4.0	4.4	1,171	1,414	1,279	1,876	5,107	7,048	-27.5
Fabricated metal products	23,949	24,455	24,975	-2.1	-2.1	-0.9	23,797	25,130	22,772	28,535	94,621	107,276	-11.8
Machinery	22,708	23,710	24,563	-4.2	-3.5	-1.3	23,422	25,705	22,823	30,316	94,425	116,377	-18.9
Farm machinery	2,234	2,459	2,549	-9.2	-3.5	-4.9	2,873	2,955	2,644	3,014	10,856	9,869	10.0
Construction machinery	1,513	1,632	1,815	-7.3	-10.1	-9.6	1,524	1,727	1,627	2,569	6,577	9,481	-30.6
Mining, oil field, and gas field machinery	1,402	1,449	1,565	-3.2	-7.4	-6.5	1,300	1,548	1,464	1,467	5,849	5,858	-0.2
Industrial machinery	2,296	2,154	2,233	6.6	-3.5	-9.9	2,406	2,278	1,880	3,102	9,142	12,275	-25.5
Photographic equipment	500	497	640	0.6	-22.3	23.1	491	521	549	550	1,979	2,074	-4.6
Ventilation, heating, air-conditioning, and refrigeration equipment	3,273	3,225	3,280	1.5	-1.7	4.2	3,018	3,393	2,811	3,676	11,777	15,665	-24.8
Metalworking machinery	1,800	1,810	1,985	-0.6	-8.8	2.5	1,664	1,913	1,785	2,379	7,099	9,529	-25.5
Turbines, generators, and other power transmission equipment	2,602	3,253	3,136	-20.0	3.7	1.6	2,797	3,397	2,992	4,104	12,068	14,617	-17.4
Material handling equipment	1,611	1,533	1,626	5.1	-5.7	-3.7	1,541	1,701	1,601	2,407	6,407	10,622	-39.7
Computers and electronic products	28,346	27,616	27,885	2.6	-1.0	-2.2	26,944	30,697	24,700	30,524	107,660	125,725	-14.4
Computers	2,526	2,471	2,718	2.2	-9.1	-1.1	2,351	2,590	2,438	2,748	10,013	12,617	-20.6
Computer storage devices	588	589	532	-0.2	10.7	8.1	307	893	349	371	1,838	2,361	-22.2
Other peripheral equipment	1,242	1,335	1,273	-7.0	4.9	4.7	997	1,644	1,033	1,130	4,522	5,034	-10.2
Nondefense communications equipment	3,975	4,119	4,000	-3.5	3.0	-3.7	3,188	4,841	3,300	4,157	14,373	18,606	-22.8
Defense communications equipment	746	669	787	11.5	-15.0	-7.3	721	733	760	635	2,986	2,577	15.9
Audio and video equipment	458	507	497	-9.7	2.0	4.4	390	502	425	638	1,736	2,578	-32.7
Semiconductors	3,881	2,891	3,003	34.2	-3.7	-21.8	5,311	2,400	2,611	6,408	15,068	22,221	-32.2
Electronic components	3,239	3,309	3,346	-2.1	-1.1	-2.4	2,939	3,658	3,034	3,722	12,587	15,647	-19.6
Nondefense search and navigation equipment	837	890	932	-6.0	-4.5	8.6	780	1,012	891	896	3,406	3,879	-12.2
Defense search and navigation equipment	2,735	2,735	2,723	0.0	0.4	10.2	2,739	2,925	2,745	2,626	10,438	10,541	-1.0
Electromedical, measuring, and control instruments	7,601	7,616	7,618	-0.2	0.0	1.4	6,766	9,028	6,702	6,710	28,932	27,665	4.6
Electrical equipment, appliances, and components	8,687	8,486	8,738	2.4	-2.9	0.0	8,469	8,878	8,039	10,597	33,122	41,277	-19.8
Electric lighting equipment	960	979	982	-1.9	-0.3	-0.3	918	1,052	945	1,020	3,771	4,006	-5.9
Household appliances	1,782	1,746	1,720	2.1	1.5	-1.4	1,778	1,813	1,480	1,936	6,458	7,280	-11.3
Electrical equipment	2,701	2,665	2,781	1.4	-4.2	5.3	2,562	2,921	2,674	3,434	10,673	13,949	-23.5
Batteries	726	647	710	12.2	-8.9	-0.3	660	629	590	801	2,509	2,968	-15.5
Transportation equipment	45,309	45,051	44,547	0.6	1.1	0.0	43,751	49,999	42,667	53,008	173,903	217,250	-20.0
Automobiles	4,886	4,475	4,627	9.2	-3.3	-0.6	4,642	4,795	4,476	6,729	18,167	29,710	-38.9
Light trucks and utility vehicles	5,853	5,836	5,763	0.3	1.3	-4.9	5,561	6,526	5,507	8,604	22,855	38,703	-40.9
Heavy duty trucks	1,038	1,116	1,157	-7.0	-3.5	1.9	1,023	1,200	1,117	1,610	4,461	5,926	-24.7
Motor vehicle bodies, parts, and trailers	13,476	13,118	13,208	2.7	-0.7	-0.5	13,866	14,266	13,201	17,312	53,526	69,236	-22.7
Nondefense aircraft and parts	7,837	7,963	7,930	-1.6	0.4	-15.4	7,085	9,530	7,235	7,901	30,361	32,200	-5.7
Defense aircraft and parts	5,286	5,527	5,162	-4.4	7.1	14.5	4,968	6,051	4,785	4,127	19,402	16,236	19.5
Ships and boats	2,114	1,763	2,119	19.9	-16.8	4.8	2,106	1,891	2,100	2,374	7,794	9,341	-16.6
Furniture and related products	5,184	5,288	5,433	-2.0	-2.7	1.0	5,020	5,236	5,210	6,408	20,403	25,528	-20.1
Miscellaneous durable goods	12,204	12,112	12,297	0.8	-1.5	0.4	11,792	12,868	11,419	12,871	47,116	51,075	-7.8
Nondurable goods industries	183,499	183,656	186,648	-0.1	-1.6	-0.2	182,028	184,254	171,935	233,532	712,233	878,577	-18.9
Food products	50,443	50,441	50,218	0.0	0.4	0.1	48,649	50,345	47,495	49,055	194,475	196,060	-0.8
Grain and oilseed milling	5,735	5,828	5,769	-1.6	1.0	-0.4	5,397	5,947	5,434	5,526	22,267	22,559	-1.3
Dairy products	6,297	6,272	6,225	0.4	0.8	-2.2	5,960	6,221	5,600	7,082	23,996	28,989	-17.2
Meat, poultry, and seafood products	14,814	14,809	14,935	0.0	-0.8	-0.4	14,432	14,276	14,287	15,088	57,177	58,181	-1.7
Beverage and tobacco products	11,551	11,030	11,534	4.7	-4.4	0.0	11,369	10,813	10,663	11,316	43,350	42,690	1.5
Beverages	7,836	7,807	7,898	0.4	-1.2	-2.1	7,654	7,590	7,027	7,559	29,311	28,781	1.8
Tobacco	3,715	3,223	3,636	15.3	-11.4	4.9	3,715	3,223	3,636	3,757	14,039	13,909	0.9
Textile mills	2,225	2,200	2,218	1.1	-0.8	-2.4	2,233	2,249	2,164	2,936	8,767	11,595	-24.4
Textile products	1,815	1,794	1,855	1.2	-3.3	-2.6	1,811	1,828	1,779	2,375	7,103	9,240	-23.1
Apparel	2,203	2,190	2,344	0.6	-6.6	-0.6	1,990	2,172	2,298	2,494	8,485	9,989	-15.1
Leather and allied products	418	418	421	0.0	-0.7	-1.2	392	445	442	486	1,631	1,948	-16.3
Paper products	12,982	12,996	13,231	-0.1	-1.8	0.0	12,708	13,113	12,408	14,303	51,156	56,882	-10.1
Pulp, paper, and paperboard mills	6,255	6,171	6,278	1.4	-1.7	-1.4	6,174	6,211	5,944	6,964	24,606	27,690	-11.1
Paperboard containers	3,531	3,581	3,626	-1.4	-1.2	0.7	3,467	3,591	3,297	4,070	13,843	15,986	-13.4
Printing	7,642	7,609	7,644	0.4	-0.5	-1.5	7,480	7,726	6,961	8,297	29,401	32,229	-8.8
Petroleum and coal products	29,491	29,768	30,444	-0.9	-2.2	-4.9	29,584	27,568	26,218	63,344	111,939	218,587	-48.8
Petroleum refineries	26,732	26,934	27,066	-0.7	-0.5	-7.2	26,951	24,945	23,596	60,673	101,752	209,481	-51.4
Chemical products	49,803	50,186	51,275	-0.8	-2.1	2.0	50,754	52,732	47,376	60,650	197,636	229,791	-14.0
Pesticides, fertilizers, and other agricultural chemicals	3,013	3,139	3,164	-4.0	-0.8	4.3	4,112	4,120	2,943	4,824	13,614	14,963	-9.0
Pharmaceuticals and medicines	14,391	14,488	14,934	-0.7	-3.0	3.8	14,413	15,012	13,971	14,833	57,059	57,411	-0.6
Paints, coatings, and adhesives	2,505	2,469	2,499	1.5	-1.2	-0.2	2,736	2,534	2,279	3,033	9,749	11,023	-11.6
Plastics and rubber products	14,926	15,024	15,464	-0.7	-2.8	3.3	15,058	15,263	14,131	18,276	58,290	69,566	-16.2

[p] Preliminary [r] 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		
	Apr. 2009[p]	Mar. 2009[r]	Feb. 2009	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2009[p]	Mar. 2009[r]	Feb. 2009	Apr. 2008	2009[p]	2008	Percent 2009/ 2008
All manufacturing industries [2]	344,440	341,935	348,460	0.7	-1.9	0.7	336,624	358,386	321,011	444,663	1,335,905	1,737,439	-23.1
Excluding transportation [2]	303,869	303,588	310,064	0.1	-2.1	0.5	300,600	314,347	286,698	392,839	1,186,801	1,498,922	-20.8
Excluding defense [2]	330,682	329,721	336,310	0.3	-2.0	-0.1	324,816	342,727	309,429	436,035	1,287,000	1,689,831	-23.8
With unfilled orders [2]	115,677	113,457	115,933	2.0	-2.1	2.7	109,831	126,482	106,639	155,545	448,349	638,114	-29.7
Durable goods industries [2]	160,941	158,279	161,812	1.7	-2.2	1.6	154,596	174,132	149,076	211,131	623,672	858,862	-27.4
Primary metals	11,734	11,641	12,818	0.8	-9.2	-2.4	12,094	12,368	12,075	23,909	49,250	90,603	-45.6
Iron and steel mills	4,422	4,221	5,369	4.8	-21.4	-3.8	4,609	4,575	5,025	12,486	19,607	46,093	-57.5
Aluminum and nonferrous metals	6,226	6,201	6,366	0.4	-2.6	-0.2	6,431	6,500	6,037	9,526	25,078	37,311	-32.8
Ferrous metal foundries	1,086	1,219	1,083	-10.9	12.6	-7.4	1,054	1,293	1,013	1,897	4,565	7,199	-36.6
Fabricated metal products	23,051	22,249	22,939	3.6	-3.0	-1.5	23,212	24,167	21,552	28,901	90,395	111,606	-19.0
Machinery	20,847	20,730	22,364	0.6	-7.3	6.4	21,862	23,118	20,822	34,178	86,181	126,155	-31.7
Construction machinery	959	374	1,198	156.4	-68.8	55.4	917	735	1,013	3,149	3,658	12,535	-70.8
Mining, oil field, and gas field machinery	1,235	1,175	1,294	5.1	-9.2	4.1	1,108	1,233	1,242	2,109	4,589	6,766	-32.2
Industrial machinery	1,255	1,169	1,906	7.4	-38.7	45.8	1,596	1,210	1,707	3,857	6,519	14,244	-54.2
Photographic equipment	466	469	601	-0.6	-22.0	11.7	459	508	503	565	2,019	2,280	-11.4
Ventilation, heating, air-conditioning, and refrigeration equipment	3,887	3,645	3,890	6.6	-6.3	23.3	3,813	3,886	2,947	4,932	13,387	16,015	-16.4
Metalworking machinery	1,526	1,555	1,602	-1.9	-2.9	0.4	1,418	1,623	1,524	2,787	6,173	10,275	-39.9
Turbines, generators, and other power transmission equipment	2,446	3,144	2,749	-22.2	14.4	-5.3	2,608	3,357	2,724	4,049	11,333	15,574	-27.2
Material handling equipment	1,513	1,363	1,199	11.0	13.7	-6.4	1,393	1,544	1,349	2,302	5,522	11,087	-50.2
Computers and electronic products [2]	24,383	25,060	24,687	-2.7	1.5	7.3	21,316	29,178	22,751	23,812	93,016	106,326	-12.5
Computers	2,222	2,392	2,721	-7.1	-12.1	16.1	2,047	2,511	2,441	2,630	9,229	12,306	-25.0
Nondefense communications equipment	3,889	4,099	3,803	-5.1	7.8	7.0	3,406	4,779	3,769	4,601	14,702	19,822	-25.8
Defense communications equipment	1,094	564	958	94.0	-41.1	-24.9	914	1,002	808	549	3,841	2,757	39.3
Semiconductors [2]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	3,234	3,298	3,190	-1.9	3.4	-0.8	2,934	3,542	3,026	3,665	12,414	16,205	-23.4
Nondefense search and navigation equipment	914	1,024	701	-10.7	46.1	17.4	752	1,169	588	949	3,278	4,066	-19.4
Defense search and navigation equipment	2,881	2,948	3,000	-2.3	-1.7	23.3	2,649	3,581	3,368	2,274	11,579	11,275	2.7
Electromedical, measuring, and control instruments	7,343	7,819	7,556	-6.1	3.5	8.8	6,465	9,084	6,532	6,522	28,116	27,923	0.7
Electrical equipment, appliances, and components	8,253	8,182	8,174	0.9	0.1	-2.1	8,171	8,356	7,936	10,987	32,476	42,767	-24.1
Electric lighting equipment	785	1,003	962	-21.7	4.3	3.8	783	1,114	972	1,144	3,734	4,298	-13.1
Household appliances	1,805	1,766	1,719	2.2	2.7	-1.2	1,789	1,763	1,543	1,961	6,586	7,483	-12.0
Electrical equipment	2,592	2,346	2,368	10.5	-0.9	8.9	2,579	2,428	2,501	3,618	9,812	14,819	-33.8
Transportation equipment	40,571	38,347	38,396	5.8	-0.1	2.4	36,024	44,039	34,313	51,824	149,104	238,517	-37.5
Motor vehicle bodies, parts, and trailers	13,330	13,038	13,089	2.2	-0.4	1.6	13,852	13,802	13,207	17,285	53,024	68,605	-22.7
Nondefense aircraft and parts	3,757	4,034	3,751	-6.9	7.5	-31.5	1,002	5,465	1,084	9,351	11,592	51,404	-77.4
Defense aircraft and parts	5,421	5,355	5,024	1.2	6.6	30.6	4,650	6,566	4,678	3,606	19,889	17,835	11.5
Ships and boats	1,871	1,139	1,444	64.3	-21.1	102.8	1,489	1,197	1,412	1,784	5,607	10,392	-46.0
Furniture and related products	5,196	5,418	5,379	-4.1	0.7	-0.8	5,230	5,613	5,190	6,643	21,014	26,119	-19.5
Nondurable goods industries	183,499	183,656	186,648	-0.1	-1.6	-0.2	182,028	184,254	171,935	233,532	712,233	878,577	-18.9

[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
	Apr. 2009[p]	Mar. 2009[r]	Feb. 2009	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2009[p]	Mar. 2009[r]	Feb. 2009	Apr. 2008	Apr. 09/08
All manufacturing industries [1]	748,743	757,692	770,939	-1.2	-1.7	-1.7	757,185	768,317	778,409	815,034	-7.1
Excluding transportation [1]	309,870	314,081	320,624	-1.3	-2.0	-2.1	314,149	317,554	321,686	356,972	-12.0
Excluding defense [1]	590,317	599,663	611,916	-1.6	-2.0	-1.9	595,136	605,197	616,551	659,421	-9.7
Durable goods industries [1]	748,743	757,692	770,939	-1.2	-1.7	-1.7	757,185	768,317	778,409	815,034	-7.1
Primary metals	13,927	14,765	16,235	-5.7	-9.1	-7.7	14,386	15,131	16,401	30,677	-53.1
Iron and steel mills	6,688	7,165	8,264	-6.7	-13.3	-8.3	6,974	7,332	8,282	19,181	-63.6
Aluminum and nonferrous metals	5,052	5,311	5,590	-4.9	-5.0	-5.5	5,203	5,473	5,672	8,409	-38.1
Ferrous metal foundries	2,187	2,289	2,381	-4.5	-3.9	-10.6	2,209	2,326	2,447	3,087	-28.4
Fabricated metal products	51,468	52,366	54,572	-1.7	-4.0	-3.6	52,509	53,094	54,057	63,749	-17.6
Machinery	88,642	90,503	93,483	-2.1	-3.2	-2.3	89,667	91,227	93,814	100,165	-10.5
Construction machinery	9,299	9,853	11,111	-5.6	-11.3	-5.3	9,613	10,220	11,212	14,130	-32.0
Mining, oil field, and gas field machinery	6,111	6,278	6,552	-2.7	-4.2	-4.0	6,021	6,213	6,528	5,739	4.9
Industrial machinery	11,482	12,523	13,508	-8.3	-7.3	-2.4	11,798	12,608	13,676	16,880	-30.1
Photographic equipment	1,802	1,836	1,864	-1.9	-1.5	-2.0	1,837	1,869	1,882	1,712	7.3
Ventilation, heating, air-conditioning, and refrigeration equipment	17,927	17,313	16,893	3.5	2.5	3.7	17,759	16,964	16,471	13,848	28.2
Metalworking machinery	6,798	7,072	7,327	-3.9	-3.5	-5.0	6,889	7,135	7,425	8,425	-18.2
Turbines, generators, and other power transmission equipment	13,793	13,949	14,058	-1.1	-0.8	-2.7	13,982	14,171	14,211	14,485	-3.5
Material handling equipment	8,016	8,114	8,284	-1.2	-2.1	-4.9	8,186	8,334	8,491	10,371	-21.1
Computers and electronic products [1]	123,434	123,516	123,181	-0.1	0.3	-0.2	125,003	125,320	124,439	124,589	0.3
Computers	3,306	3,610	3,689	-8.4	-2.1	0.1	3,306	3,610	3,689	3,406	-2.9
Nondefense communications equipment	28,105	28,191	28,211	-0.3	-0.1	-0.7	28,691	28,473	28,535	29,943	-4.2
Defense communications equipment	9,130	8,782	8,887	4.0	-1.2	2.0	9,247	9,054	8,785	7,870	17.5
Semiconductors [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	9,891	9,896	9,907	-0.1	-0.1	-1.6	9,907	9,912	10,028	10,814	-8.4
Nondefense search and navigation equipment	8,570	8,493	8,359	0.9	1.6	-2.7	8,606	8,634	8,477	6,788	26.8
Defense search and navigation equipment	37,278	37,132	36,919	0.4	0.6	0.8	38,074	38,164	37,508	37,935	0.4
Electromedical, measuring, and control instruments	27,154	27,412	27,209	-0.9	0.7	-0.2	27,172	27,473	27,417	27,833	-2.4
Electrical equipment, appliances, and components	20,761	21,195	21,499	-2.0	-1.4	-2.6	20,953	21,251	21,773	24,554	-14.7
Electric lighting equipment	1,952	2,127	2,103	-8.2	1.1	-0.9	1,983	2,118	2,056	2,648	-25.1
Household appliances	464	441	421	5.2	4.8	-0.2	461	450	500	775	-40.5
Electrical equipment	13,394	13,503	13,822	-0.8	-2.3	-2.9	13,436	13,419	13,912	15,599	-13.9
Transportation equipment	438,873	443,611	450,315	-1.1	-1.5	-1.3	443,036	450,763	456,723	458,062	-3.3
Motor vehicle bodies, parts, and trailers	14,956	15,102	15,182	-1.0	-0.5	-0.8	15,147	15,161	15,625	17,934	-15.5
Nondefense aircraft and parts	287,836	291,916	295,845	-1.4	-1.3	-1.4	289,341	295,424	299,489	299,819	-3.5
Defense aircraft and parts	47,588	47,453	47,625	0.3	-0.4	-0.3	48,714	49,032	48,517	44,901	8.5
Ships and boats	20,189	20,432	21,056	-1.2	-3.0	-3.1	20,757	21,374	22,068	21,054	-1.4
Furniture and related products	6,405	6,393	6,263	0.2	2.1	-0.9	6,398	6,188	5,811	7,355	-13.0

[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
	Apr. 2009[p]	Mar. 2009[r]	Feb. 2009	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2009[p]	Mar. 2009[r]	Feb. 2009	Apr. 2008	Apr. 09/08
All manufacturing industries	517,590	522,662	528,920	-1.0	-1.2	-1.3	517,715	520,429	530,825	548,589	-5.6
Excluding transportation	423,924	429,454	434,772	-1.3	-1.2	-1.5	423,492	427,740	436,133	462,301	-8.4
Excluding defense	491,304	496,652	503,155	-1.1	-1.3	-1.3	491,327	494,449	505,061	523,962	-6.2
With unfilled orders	262,724	264,930	269,993	-0.8	-1.9	-1.4	263,341	263,318	271,625	264,796	-0.5
Durable goods industries	326,482	329,460	335,164	-0.9	-1.7	-1.3	327,126	327,943	337,834	331,151	-1.2
Wood products	10,326	10,401	10,189	-0.7	2.1	-1.3	10,149	10,525	10,398	10,201	-0.5
Nonmetallic mineral products	11,508	11,630	11,776	-1.0	-1.2	-1.2	11,784	11,910	12,041	12,321	-4.4
Primary metals	28,026	29,012	30,179	-3.4	-3.9	-3.6	27,734	28,561	29,927	32,339	-14.2
Iron and steel mills	16,292	16,985	17,733	-4.1	-4.2	-3.8	16,012	16,633	17,565	17,471	-8.4
Aluminum and nonferrous metals	9,202	9,473	9,811	-2.9	-3.4	-3.3	9,218	9,357	9,663	12,271	-24.9
Ferrous metal foundries	2,532	2,554	2,635	-0.9	-3.1	-3.1	2,504	2,571	2,699	2,597	-3.6
Fabricated metal products	40,464	41,408	42,659	-2.3	-2.9	-1.9	40,600	41,566	43,008	43,363	-6.4
Machinery	52,526	53,161	54,440	-1.2	-2.3	-1.5	52,811	53,622	55,390	53,942	-2.1
Farm machinery	3,222	3,357	3,425	-4.0	-2.0	-1.6	3,286	3,707	3,830	3,091	6.3
Construction machinery	5,357	5,351	5,760	0.1	-7.1	1.8	5,458	5,454	5,843	5,575	-2.1
Mining, oil field, and gas field machinery	4,795	4,777	4,839	0.4	-1.3	0.9	4,841	4,784	4,864	4,320	12.1
Industrial machinery	6,578	6,706	6,783	-1.9	-1.1	-1.0	6,510	6,739	6,839	6,698	-2.8
Photographic equipment	1,481	1,510	1,442	-1.9	4.7	1.8	1,495	1,485	1,442	1,272	17.5
Ventilation, heating, air-conditioning, and refrigeration equipment	4,184	4,246	4,409	-1.5	-3.7	-4.4	4,326	4,297	4,493	5,051	-14.4
Metalworking machinery	5,127	5,162	5,259	-0.7	-1.8	-1.7	5,084	5,095	5,229	5,171	-1.7
Turbines, generators, and other power transmission equipment	5,790	5,779	5,987	0.2	-3.5	-8.9	5,722	5,643	6,032	5,964	-4.1
Material handling equipment	3,047	3,140	3,200	-3.0	-1.9	-1.4	3,063	3,141	3,235	3,420	-10.4
Computers and electronic products	46,144	46,298	46,994	-0.3	-1.5	-0.5	45,989	45,127	47,448	46,280	-0.6
Computers	1,264	1,242	1,243	1.8	-0.1	6.2	1,186	1,219	1,236	1,365	-13.1
Computer storage devices	1,328	1,359	1,396	-2.3	-2.7	-3.5	1,377	1,265	1,424	1,710	-19.5
Other peripheral equipment	2,090	2,093	2,061	-0.1	1.6	-1.1	2,103	1,990	2,084	2,074	1.4
Nondefense communications equipment	8,361	8,374	8,467	-0.2	-1.1	0.2	8,361	8,118	8,683	8,426	-0.8
Defense communications equipment	1,967	1,921	1,840	2.4	4.4	1.1	1,967	1,921	1,840	1,468	34.0
Audio and video equipment	794	773	811	2.7	-4.7	-6.2	690	674	773	843	-18.1
Semiconductors [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	6,292	6,315	6,445	-0.4	-2.0	-0.8	6,311	6,131	6,476	6,623	-4.7
Nondefense search and navigation equipment	4,902	4,851	5,011	1.1	-3.2	-0.1	4,856	4,753	4,962	4,757	2.1
Defense search and navigation equipment	3,532	3,603	3,585	-2.0	0.5	0.5	3,570	3,581	3,617	3,440	3.8
Electromedical, measuring and control instruments	10,903	10,884	10,933	0.2	-0.4	-1.0	10,895	10,705	11,143	10,486	3.9
Electrical equipment, appliances, and components	13,511	13,687	13,854	-1.3	-1.2	-2.7	13,682	13,725	14,094	15,602	-12.3
Electric lighting equipment	1,582	1,593	1,642	-0.7	-3.0	-2.4	1,612	1,583	1,661	1,833	-12.1
Household appliances	2,039	2,017	1,994	1.1	1.2	0.6	2,116	2,005	2,048	2,057	2.9
Electrical equipment	4,462	4,589	4,633	-2.8	-0.9	-3.0	4,457	4,606	4,754	5,324	-16.3
Batteries	701	712	725	-1.5	-1.8	-3.2	716	719	705	821	-12.8
Transportation equipment	93,666	93,208	94,148	0.5	-1.0	-0.5	94,223	92,689	94,692	86,288	9.2
Automobiles	2,018	2,046	2,056	-1.4	-0.5	-1.2	1,976	1,980	2,124	2,397	-17.6
Light trucks and utility vehicles	1,893	1,917	2,009	-1.3	-4.6	-6.9	1,932	1,864	1,928	3,009	-35.8
Heavy duty trucks	1,493	1,513	1,620	-1.3	-6.6	0.3	1,461	1,489	1,588	1,516	-3.6
Motor vehicle bodies, parts, and trailers	14,074	14,307	14,770	-1.6	-3.1	-2.3	14,186	14,337	14,965	17,110	-17.1
Nondefense aircraft and parts	47,079	46,655	46,994	0.9	-0.7	0.7	47,361	46,393	47,291	36,561	29.5
Defense aircraft and parts	15,544	15,205	14,988	2.2	1.4	-2.6	15,571	15,126	14,914	14,012	11.1
Ships and boats	2,878	2,979	2,975	-3.4	0.1	2.3	2,897	3,078	3,054	3,142	-7.8
Furniture and related products	6,914	7,071	7,251	-2.2	-2.5	-3.5	6,854	6,951	7,112	7,893	-13.2
Miscellaneous durable goods	23,397	23,584	23,674	-0.8	-0.4	-0.6	23,300	23,267	23,724	22,922	1.6
Nondurable goods industries	191,108	193,202	193,756	-1.1	-0.3	-1.2	190,589	192,486	192,991	217,438	-12.3
Food products	35,956	35,972	35,885	0.0	0.2	-1.3	35,009	35,163	35,736	36,650	-4.5
Grain and oilseed milling	4,327	4,242	4,237	2.0	0.1	-5.4	4,241	4,173	4,303	4,968	-14.6
Dairy products	4,443	4,486	4,460	-1.0	0.6	-0.6	4,566	4,454	4,421	4,576	-0.2
Meat, poultry, and seafood products	7,106	7,060	7,079	0.7	-0.3	-2.6	7,050	7,007	7,025	7,525	-6.3
Beverage and tobacco products	15,561	15,519	15,366	0.3	1.0	1.6	15,673	15,741	15,667	15,222	3.0
Beverages	11,576	11,523	11,459	0.5	0.6	1.6	11,640	11,635	11,564	11,371	2.4
Tobacco	3,985	3,996	3,907	-0.3	2.3	1.6	4,033	4,106	4,103	3,851	4.7
Textile mills	3,419	3,397	3,436	0.6	-1.1	-2.6	3,398	3,367	3,485	3,709	-8.4
Textile products	2,821	2,875	2,908	-1.9	-1.1	-2.6	2,797	2,832	2,904	3,324	-15.9
Apparel	3,979	4,055	4,141	-1.9	-2.1	-1.5	3,880	3,896	4,064	4,367	-11.2
Leather and allied products	1,072	1,099	1,080	-2.5	1.8	0.2	1,052	1,081	1,088	1,012	4.0
Paper products	14,013	14,261	14,714	-1.7	-3.1	-0.7	14,111	14,422	14,843	15,492	-8.9
Pulp, paper, and paperboard mills	6,053	6,184	6,336	-2.1	-2.4	-1.6	6,105	6,295	6,386	6,790	-10.1
Paperboard containers	3,953	3,982	4,234	-0.7	-6.0	0.6	3,975	4,018	4,323	4,294	-7.4
Printing	6,132	6,264	6,543	-2.1	-4.3	-1.0	6,024	6,160	6,325	6,752	-10.8
Petroleum and coal products	24,097	24,662	24,192	-2.3	1.9	-2.0	24,352	24,229	22,522	40,046	-39.2
Petroleum refineries	21,726	22,191	21,691	-2.1	2.3	-1.7	21,950	21,743	20,018	37,682	-41.7
Chemical products	64,498	65,385	65,207	-1.4	0.3	-1.1	64,589	65,622	65,694	68,218	-5.3
Pesticides, fertilizers, and other agricultural chemicals	3,335	3,327	3,200	0.2	4.0	-0.8	3,451	3,719	3,652	3,255	6.0
Pharmaceuticals and medicines	25,266	25,221	24,899	0.2	1.3	-1.2	25,136	25,001	24,697	23,593	6.5
Paints, coatings, and adhesives	2,998	3,031	3,081	-1.1	-1.6	-1.0	3,052	3,114	3,164	3,281	-7.0
Plastics and rubber products	19,560	19,713	20,284	-0.8	-2.8	-2.6	19,704	19,973	20,663	22,646	-13.0

[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
	Apr. 2009[p]	Mar. 2009[r]	Feb. 2009	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2009[p]	Mar. 2009[r]	Feb. 2009	Apr. 2008	2009[p]	2008	
SHIPMENTS													
All manufacturing industries	357,270	358,073	364,479	-0.2	-1.8	-0.5	353,067	370,878	336,200	447,052	1,392,541	1,716,442	-18.9
Construction materials and supplies	37,698	37,674	39,282	0.1	-4.1	1.0	37,540	37,980	34,698	44,572	143,640	166,991	-14.0
Information technology	24,244	24,362	24,721	-0.5	-1.5	1.3	21,736	27,623	21,954	24,350	91,695	103,005	-11.0
Computers and related products	4,356	4,395	4,523	-0.9	-2.8	1.5	3,655	5,127	3,820	4,249	16,373	20,012	-18.2
Motor vehicle and parts	25,253	24,545	24,755	2.9	-0.8	-1.5	25,092	26,787	24,301	34,255	99,009	143,575	-31.0
Capital goods	66,917	68,085	68,854	-1.7	-1.1	-0.6	64,159	75,330	63,584	74,670	262,575	297,466	-11.7
Nondefense capital goods [3]	56,648	58,067	58,602	-2.4	-0.9	-3.3	54,173	64,464	53,436	65,825	224,303	263,436	-14.9
Excluding aircraft	52,410	53,780	54,684	-2.5	-1.7	-0.2	50,344	59,215	49,941	61,648	208,313	246,320	-15.4
Defense capital goods [4]	10,269	10,018	10,252	2.5	-2.3	17.7	9,986	10,866	10,148	8,845	38,272	34,030	12.5
Consumer goods	141,730	141,046	142,683	0.5	-1.1	-1.4	138,885	141,191	132,721	183,419	546,909	700,032	-21.9
Consumer durable goods	23,258	22,819	23,164	1.9	-1.5	-1.7	22,589	24,569	21,944	30,498	89,764	127,122	-29.4
Consumer nondurable goods	118,472	118,227	119,519	0.2	-1.1	-1.3	116,296	116,622	110,777	152,921	457,145	572,910	-20.2
NEW ORDERS													
All manufacturing industries [5]	344,440	341,935	348,460	0.7	-1.9	0.7	336,624	358,386	321,011	444,663	1,335,905	1,737,439	-23.1
Construction materials and supplies	37,243	36,245	38,374	2.8	-5.5	1.9	37,671	37,387	33,798	46,360	141,321	170,457	-17.1
Information technology	23,960	24,651	24,513	-2.8	0.6	6.0	21,201	28,566	22,558	24,175	92,456	105,600	-12.4
Computers and related products	4,052	4,316	4,526	-6.1	-4.6	11.7	3,351	5,048	3,823	4,131	15,589	19,701	-20.9
Motor vehicle and parts	25,107	24,465	24,636	2.6	-0.7	-0.4	25,078	26,323	24,307	34,228	98,507	142,944	-31.1
Capital goods	59,794	59,150	60,745	1.1	-2.6	8.5	54,404	68,426	54,598	77,200	229,541	331,065	-30.7
Nondefense capital goods [3]	49,004	50,424	50,931	-2.8	-1.0	4.7	45,263	56,899	45,042	70,752	191,483	294,192	-34.9
Excluding aircraft	48,813	49,989	50,716	-2.4	-1.4	4.1	47,302	55,878	47,809	64,706	196,563	259,403	-24.2
Defense capital goods [4]	10,790	8,726	9,814	23.7	-11.1	33.1	9,141	11,527	9,556	6,448	38,058	36,873	3.2
Consumer goods	141,654	141,125	142,268	0.4	-0.8	-1.5	138,836	141,235	132,360	183,564	546,593	699,967	-21.9
Consumer durable goods	23,182	22,898	22,749	1.2	0.7	-2.7	22,540	24,613	21,583	30,643	89,448	127,057	-29.6
Consumer nondurable goods	118,472	118,227	119,519	0.2	-1.1	-1.3	116,296	116,622	110,777	152,921	457,145	572,910	-20.2
UNFILLED ORDERS													
All manufacturing industries [5]	748,743	757,692	770,939	-1.2	-1.7	-1.7	757,185	768,317	778,409	815,034	(X)	(X)	-7.1
Construction materials and supplies	47,738	48,193	49,622	-0.9	-2.9	-1.8	48,065	47,934	48,527	54,034	(X)	(X)	-11.0
Information technology	120,296	120,580	120,291	-0.2	0.2	-0.2	122,006	122,541	121,598	121,019	(X)	(X)	0.8
Computers and related products	3,306	3,610	3,689	-8.4	-2.1	0.1	3,306	3,610	3,689	3,406	(X)	(X)	-2.9
Motor vehicle and parts	14,956	15,102	15,182	-1.0	-0.5	-0.8	15,147	15,161	15,625	17,934	(X)	(X)	-15.5
Capital goods	574,561	581,684	590,619	-1.2	-1.5	-1.4	580,901	590,656	597,560	609,056	(X)	(X)	-4.6
Nondefense capital goods [3]	432,200	439,844	447,487	-1.7	-1.7	-1.7	435,450	444,360	451,925	469,571	(X)	(X)	-7.3
Excluding aircraft	179,153	182,750	186,541	-2.0	-2.0	-2.1	181,432	184,474	187,811	201,867	(X)	(X)	-10.1
Defense capital goods [4]	142,361	141,840	143,132	0.4	-0.9	-0.3	145,451	146,296	145,635	139,485	(X)	(X)	4.3
Consumer goods	7,620	7,696	7,617	-1.0	1.0	-5.2	7,681	7,730	7,686	9,099	(X)	(X)	-15.6
Consumer durable goods	7,620	7,696	7,617	-1.0	1.0	-5.2	7,681	7,730	7,686	9,099	(X)	(X)	-15.6
TOTAL INVENTORIES													
All manufacturing industries	517,590	522,662	528,920	-1.0	-1.2	-1.3	517,715	520,429	530,825	548,589	(X)	(X)	-5.6
Construction materials and supplies	55,551	56,703	57,813	-2.0	-1.9	-2.3	55,843	57,228	58,688	60,247	(X)	(X)	-7.3
Information technology	41,747	41,792	42,067	-0.1	-0.7	-0.7	41,663	40,901	42,528	41,843	(X)	(X)	-0.4
Computers and related products	4,682	4,694	4,700	-0.3	-0.1	0.0	4,666	4,474	4,744	5,149	(X)	(X)	-9.4
Motor vehicle and parts	19,478	19,783	20,455	-1.5	-3.3	-2.5	19,555	19,670	20,605	24,032	(X)	(X)	-18.6
Capital goods	163,124	163,184	165,035	0.0	-1.1	-0.5	163,524	162,465	166,594	154,692	(X)	(X)	5.7
Nondefense capital goods [3]	142,827	143,109	145,131	-0.2	-1.4	-0.4	143,152	142,341	146,617	135,245	(X)	(X)	5.8
Excluding aircraft	105,237	106,048	107,760	-0.8	-1.6	-0.9	105,392	105,367	108,995	107,162	(X)	(X)	-1.7
Defense capital goods [4]	20,297	20,075	19,904	1.1	0.9	-1.6	20,372	20,124	19,977	19,447	(X)	(X)	4.8
Consumer goods	143,770	144,940	144,693	-0.8	0.2	-1.3	142,699	143,106	143,123	162,842	(X)	(X)	-12.4
Consumer durable goods	26,142	26,465	26,934	-1.2	-1.7	-2.6	25,936	26,049	27,154	28,573	(X)	(X)	-9.2
Consumer nondurable goods	117,628	118,475	117,759	-0.7	0.6	-1.0	116,763	117,057	115,969	134,269	(X)	(X)	-13.0

[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
	Apr. 2009[P]	Mar. 2009[r]	Feb. 2009	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2009[P]	Mar. 2009[r]	Feb. 2009	Apr. 2008	Apr. 09/08
MATERIALS AND SUPPLIES											
All manufacturing industries	174,823	177,617	180,649	-1.6	-1.7	-1.1	173,812	176,331	180,634	187,111	-7.1
Durable goods industries	110,855	112,672	114,946	-1.6	-2.0	-0.8	109,970	111,501	115,127	111,752	-1.6
Wood products	4,478	4,463	4,297	0.3	3.9	0.3	4,092	4,298	4,348	3,829	6.9
Nonmetallic mineral products	4,683	4,675	4,727	0.2	-1.1	0.7	4,684	4,691	4,741	4,967	-5.7
Primary metals	13,462	13,756	14,195	-2.1	-3.1	-2.3	13,088	13,305	13,991	11,874	10.2
Fabricated metal products	15,105	15,635	16,202	-3.4	-3.5	-2.4	15,081	15,674	16,305	15,875	-5.0
Machinery	20,681	21,128	21,564	-2.1	-2.0	-0.5	20,752	21,056	21,635	20,385	1.8
Computers and electronic products	15,007	15,083	15,426	-0.5	-2.2	0.7	14,783	14,806	15,472	15,472	-4.5
Electrical equipment, appliances, and components	5,322	5,477	5,519	-2.8	-0.8	-5.0	5,361	5,492	5,618	6,284	-14.7
Transportation equipment	21,132	21,373	21,842	-1.1	-2.1	0.9	21,148	21,214	21,875	21,777	-2.9
Furniture and related products	3,318	3,335	3,445	-0.5	-3.2	-4.0	3,306	3,316	3,412	3,786	-12.7
Miscellaneous products	7,667	7,747	7,729	-1.0	0.2	-0.1	7,675	7,649	7,730	7,503	2.3
Nondurable goods industries	63,968	64,945	65,703	-1.5	-1.2	-1.6	63,842	64,830	65,507	75,359	-15.3
Food products	13,340	13,181	13,019	1.2	1.2	-2.5	13,285	13,105	13,111	13,936	-4.7
Beverage and tobacco products	4,523	4,475	4,445	1.1	0.7	2.4	4,532	4,518	4,583	4,438	2.1
Textiles	1,011	999	1,017	1.2	-1.8	-4.1	1,010	989	1,023	1,192	-15.3
Textile products	1,082	1,094	1,120	-1.1	-2.3	-0.2	1,071	1,080	1,107	1,311	-18.3
Apparel	984	1,001	1,017	-1.7	-1.6	-1.5	981	991	1,018	1,079	-9.1
Leather and allied products	383	402	405	-4.7	-0.7	2.5	380	396	406	382	-0.5
Paper products	6,886	6,919	7,180	-0.5	-3.6	-1.2	6,891	6,978	7,264	7,427	-7.2
Printing	2,821	2,861	3,082	-1.4	-7.2	0.7	2,780	2,860	2,972	3,098	-10.3
Petroleum and coal products	6,722	7,450	7,184	-9.8	3.7	-1.6	6,857	7,327	6,641	12,917	-46.9
Chemical products	18,458	18,715	19,122	-1.4	-2.1	-1.6	18,393	18,773	19,220	20,809	-11.6
Plastics and rubber products	7,758	7,848	8,112	-1.1	-3.3	-3.1	7,662	7,813	8,162	8,770	-12.6
WORK IN PROCESS											
All manufacturing industries	162,976	162,885	164,249	0.1	-0.8	-1.3	163,634	162,218	164,860	161,542	1.3
Durable goods industries	125,744	125,765	127,664	0.0	-1.5	-1.4	126,482	125,133	128,515	120,893	4.6
Wood products	1,708	1,744	1,768	-2.1	-1.4	-2.6	1,727	1,759	1,773	1,953	-11.6
Nonmetallic mineral products	1,383	1,390	1,374	-0.5	1.2	-3.9	1,459	1,460	1,431	1,399	4.3
Primary metals	7,397	7,781	8,239	-4.9	-5.6	-4.5	7,399	7,675	8,104	10,457	-29.2
Fabricated metal products	12,384	12,459	12,783	-0.6	-2.5	-3.0	12,322	12,323	12,803	13,132	-6.2
Machinery	14,577	14,814	15,380	-1.6	-3.7	-2.5	14,639	14,886	15,455	14,790	-1.0
Computers and electronic products	21,761	21,781	21,846	-0.1	-0.3	-0.5	21,864	21,175	22,059	20,898	4.6
Electrical equipment, appliances, and components	2,762	2,787	2,846	-0.9	-2.1	-2.0	2,796	2,787	2,863	3,230	-13.4
Transportation equipment	59,273	58,371	58,759	1.5	-0.7	-0.6	59,770	58,469	59,368	50,276	18.9
Furniture and related products	1,202	1,280	1,245	-6.1	2.8	-3.1	1,198	1,273	1,233	1,313	-8.8
Miscellaneous products	3,297	3,358	3,424	-1.8	-1.9	-0.2	3,308	3,326	3,426	3,445	-4.0
Nondurable goods industries	37,232	37,120	36,585	0.3	1.5	-0.8	37,152	37,085	36,345	40,649	-8.6
Food products	2,263	2,337	2,207	-3.2	5.9	-1.4	2,127	2,310	2,247	2,337	-9.0
Beverage and tobacco products	4,458	4,448	4,386	0.2	1.4	2.6	4,400	4,504	4,561	4,179	5.3
Textiles	735	753	750	-2.4	0.4	-2.6	721	740	748	886	-18.6
Textile products	336	345	364	-2.6	-5.2	-1.4	336	341	364	420	-20.0
Apparel	557	573	591	-2.8	-3.0	-0.7	559	553	576	668	-16.3
Leather and allied products	86	91	88	-5.5	3.4	-8.3	88	94	91	90	-2.2
Paper products	1,332	1,357	1,377	-1.8	-1.5	-0.4	1,329	1,363	1,364	1,474	-9.8
Printing	1,556	1,582	1,578	-1.6	0.3	-3.5	1,499	1,519	1,534	1,674	-10.5
Petroleum and coal products	7,207	6,893	6,677	4.6	3.2	-5.7	7,493	7,124	6,410	12,432	-39.7
Chemical products	16,399	16,476	16,218	-0.5	1.6	0.9	16,281	16,223	16,036	13,945	16.8
Plastics and rubber products	2,303	2,265	2,349	1.7	-3.6	-1.0	2,319	2,314	2,414	2,544	-8.8
FINISHED GOODS											
All manufacturing industries	179,791	182,160	184,022	-1.3	-1.0	-1.5	180,269	181,880	185,331	199,936	-9.8
Durable goods industries	89,883	91,023	92,554	-1.3	-1.7	-1.9	90,674	91,309	94,192	98,506	-8.0
Wood products	4,140	4,194	4,124	-1.3	1.7	-2.2	4,330	4,468	4,277	4,419	-2.0
Nonmetallic mineral products	5,442	5,565	5,675	-2.2	-1.9	-2.1	5,641	5,759	5,869	5,955	-5.3
Primary metals	7,167	7,475	7,745	-4.1	-3.5	-4.9	7,247	7,581	7,832	10,008	-27.6
Fabricated metal products	12,975	13,314	13,674	-2.5	-2.6	-0.2	13,197	13,569	13,900	14,356	-8.1
Machinery	17,268	17,219	17,496	0.3	-1.6	-1.9	17,420	17,680	18,300	18,767	-7.2
Computers and electronic products	9,376	9,434	9,722	-0.6	-3.0	-2.2	9,342	9,146	9,917	9,910	-5.7
Electrical equipment, appliances, and components	5,427	5,423	5,489	0.1	-1.2	-0.7	5,525	5,446	5,613	6,088	-9.2
Transportation equipment	13,261	13,464	13,547	-1.5	-0.6	-2.3	13,305	13,006	13,449	14,235	-6.5
Furniture and related products	2,394	2,456	2,561	-2.5	-4.1	-2.9	2,350	2,362	2,467	2,794	-15.9
Miscellaneous products	12,433	12,479	12,521	-0.4	-0.3	-1.1	12,317	12,292	12,568	11,974	2.9
Nondurable goods industries	89,908	91,137	91,468	-1.3	-0.4	-1.1	89,595	90,571	91,139	101,430	-11.7
Food products	20,353	20,454	20,659	-0.5	-1.0	-0.4	19,597	19,748	20,378	20,377	-3.8
Beverage and tobacco products	6,580	6,596	6,535	-0.2	0.9	0.4	6,741	6,719	6,523	6,605	2.1
Textiles	1,673	1,645	1,669	1.7	-1.4	-1.7	1,667	1,638	1,714	1,631	2.2
Textile products	1,403	1,436	1,424	-2.3	0.8	-4.7	1,390	1,411	1,433	1,593	-12.7
Apparel	2,438	2,481	2,533	-1.7	-2.1	-1.7	2,340	2,352	2,470	2,620	-10.7
Leather and allied products	603	606	587	-0.5	3.2	0.0	584	591	591	540	8.1
Paper products	5,795	5,985	6,157	-3.2	-2.8	-0.2	5,891	6,081	6,215	6,591	-10.6
Printing	1,755	1,821	1,883	-3.6	-3.3	-1.4	1,745	1,781	1,819	1,980	-11.9
Petroleum and coal products	10,168	10,319	10,331	-1.5	-0.1	0.3	10,002	9,778	9,471	14,697	-31.9
Chemical products	29,641	30,194	29,867	-1.8	1.1	-1.8	29,915	30,626	30,438	33,464	-10.6
Plastics and rubber products	9,499	9,600	9,823	-1.1	-2.3	-2.6	9,723	9,846	10,087	11,332	-14.2

[P] Preliminary [r] 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]			
	Apr 2009[p]	Mar 2009[r]	Feb 2009	Jan 2009	Apr 2009[p]	Mar 2009[r]	Feb 2009	Jan 2009
All manufacturing industries[2]	1.45	1.46	1.45	1.46	(X)	(X)	(X)	(X)
Durable goods industries[2]	1.88	1.89	1.88	1.89	6.01	5.98	5.98	6.07
Wood products	1.38	1.45	1.36	1.38	(X)	(X)	(X)	(X)
Nonmetallic mineral products	1.57	1.57	1.53	1.52	(X)	(X)	(X)	(X)
Primary metals	2.23	2.21	2.13	2.14	1.11	1.13	1.15	1.21
Fabricated metal products	1.69	1.69	1.71	1.73	2.23	2.22	2.26	2.33
Machinery	2.31	2.24	2.22	2.22	4.44	4.36	4.36	4.41
Computers and electronic products[2]	1.63	1.68	1.69	1.66	5.70	5.66	5.57	5.60
Electrical equipment, appliances, and components	1.56	1.61	1.59	1.63	2.61	2.70	2.68	2.75
Transportation equipment	2.07	2.07	2.11	2.12	13.09	13.19	13.65	13.96
Furniture and related products	1.33	1.34	1.33	1.40	1.41	1.38	1.32	1.35
Miscellaneous products	1.92	1.95	1.93	1.95	(X)	(X)	(X)	(X)
Nondurable goods industries	1.04	1.05	1.04	1.05	(X)	(X)	(X)	(X)
Food products	0.71	0.71	0.71	0.72	(X)	(X)	(X)	(X)
Beverage and tobacco products	1.35	1.41	1.33	1.31	(X)	(X)	(X)	(X)
Textiles	1.54	1.54	1.55	1.55	(X)	(X)	(X)	(X)
Textile products	1.55	1.60	1.57	1.57	(X)	(X)	(X)	(X)
Apparel	1.81	1.85	1.77	1.78	(X)	(X)	(X)	(X)
Leather and allied products	2.56	2.63	2.57	2.53	(X)	(X)	(X)	(X)
Paper products	1.08	1.10	1.11	1.12	(X)	(X)	(X)	(X)
Printing	0.80	0.82	0.86	0.85	(X)	(X)	(X)	(X)
Petroleum and coal products	0.82	0.83	0.79	0.77	(X)	(X)	(X)	(X)
Chemical products	1.30	1.30	1.27	1.31	(X)	(X)	(X)	(X)
Plastics and rubber products	1.31	1.31	1.31	1.39	(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	
	Apr[1] 2009	Apr[2] 2008-Mar 2009	Apr[1] 2009	Apr[2] 2008-Mar 2009	Apr[1] 2009	Apr[2] 2008-Mar 2009	Apr[1] 2009	Apr[2] 2008-Mar 2009
All manufacturing industries	(X)	0.5	(X)	0.8	(X)	0.2	(X)	0.2
Durable goods industries	-0.2	0.5	-0.2	1.3	0.0	0.2	-0.1	0.1
Wood products	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.7
Nonmetallic mineral products	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals	-0.2	0.9	-0.2	2.1	-0.1	0.9	-0.1	0.4
Fabricated metal products	-0.2	0.6	-0.2	1.5	0.0	0.5	-0.4	0.4
Machinery	-1.1	0.8	-2.1	2.8	-0.3	0.5	-0.3	0.3
Computers and electronic products	0.1	0.9	0.0	1.2	-0.1	0.1	0.1	0.2
Electrical equipment, appliances, and components	0.5	0.7	0.6	2.7	0.1	0.9	0.0	0.5
Transportation equipment	0.0	0.5	0.4	1.1	0.0	0.1	0.0	0.1
Furniture and related products	(X)	0.8	(X)	1.2	(X)	0.5	(X)	0.4
Miscellaneous products	(X)	0.7	(X)	0.9	(X)	0.6	(X)	0.3
Nondurable goods industries	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
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)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.6
Printing	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	1.0
Petroleum and coal products	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	1.1
Chemical products	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.1
Plastics and rubber products	(X)	0.7	(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.