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## Full Report on Manufacturers' Shipments, Inventories and Orders February 2010

### Summary

New orders for manufactured goods in February, up ten of the last eleven months, increased \$2.1 billion or 0.6 percent to \$383.5 billion, the U.S. Census Bureau reported today. This followed a 2.5 percent January increase. Excluding transportation, new orders increased 0.7 percent.

Shipments, down following five consecutive monthly increases, decreased \$0.5 billion or 0.1 percent to \$384.9 billion. This followed a 0.7 percent January increase.

Unfilled orders, up two consecutive months, increased \$3.3 billion or 0.5 percent to \$722.2 billion. This followed a 0.2 percent January increase. The unfilled orders-to-shipments ratio was 5.55, up from 5.51 in January.

Inventories, up four of the last five months, increased \$2.5 billion or 0.5 percent to \$498.3 billion. This followed a 0.3 percent January increase. The inventories-to-shipments ratio was 1.29, unchanged from January.

### New Orders

New orders for manufactured durable goods in February, up three consecutive months, increased \$1.6 billion or 0.9 percent to \$178.5 billion, revised from the previously published 0.5 percent increase. This followed a 3.8 percent January increase.

Machinery, up three of the last four months, had the largest increase, \$1.1 billion or 5.1 percent to \$23.1 billion.

New orders for manufactured nondurable goods increased \$0.6 billion or 0.3 percent to \$205.1 billion.

### Shipments

Shipments of manufactured durable goods in February, down two consecutive months, decreased \$1.0 billion or 0.6 percent to \$179.8 billion, unchanged from the previously published decrease. This followed a 0.1 percent January decrease.

Transportation equipment, also down two consecutive months, had the largest decrease, \$1.6 billion or 3.5 percent to \$43.8 billion.

Shipments of manufactured nondurable goods, up ten of the last eleven months, increased \$0.6 billion or 0.3 percent to \$205.1 billion. This followed a 1.3 percent January increase. Chemical products drove the increase, up \$0.8 billion or 1.5 percent to \$54.0 billion.

### Unfilled Orders

Unfilled orders for manufactured durable goods in February, up two consecutive months, increased \$3.3 billion or 0.5 percent to \$722.2 billion, revised from the previously published 0.4 percent increase. This followed a 0.2 percent January increase.

Transportation equipment, up two consecutive months, had the largest increase, \$2.2 billion or 0.5 percent to \$413.3 billion.

### Inventories

Inventories of manufactured durable goods in February, up two consecutive months, increased \$1.1 billion or 0.4 percent to \$304.0 billion, revised from the previously published 0.3 percent increase. This followed a 0.1 percent January increase.

Primary metals, up four consecutive months, had the largest increase, \$0.4 billion or 1.6 percent to \$26.5 billion.

Inventories of manufactured nondurable goods, up four of the last five months, increased \$1.4 billion or 0.7 percent to \$194.3 billion. This followed a 0.6 percent January increase. Petroleum and coal products led the increase, up \$1.3 billion or 4.0 percent to \$33.5 billion.

By stage of fabrication, February materials and supplies decreased 0.2 percent in durable goods and increased 2.0 percent in nondurable goods. Work in process increased 1.1 percent in durable goods and 0.2 percent in nondurable goods. Finished goods decreased slightly in durable goods and 0.1 percent in nondurable goods.

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Figures in text are adjusted for seasonality but not for inflation. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <<http://www.census.gov/m3>>.

The advance report on durable goods for March is scheduled for release on April 23, 2010, at 8:30 a.m. EDT and the full report on May 4, 2010, at 10:00 a.m. EDT. See back page for survey description and benchmark notice.

Table 1. Value of Manufacturers' Shipments for Industry Groups<sup>1</sup>

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Feb. 2010 <sup>P</sup>	Jan. 2010 <sup>F</sup>	Dec. 2009	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2010 <sup>P</sup>	Jan. 2010 <sup>F</sup>	Dec. 2009	Feb. 2009	2010 <sup>P</sup>	2009	Percent 2010/2009
All manufacturing industries.....	384,857	385,325	382,727	-0.1	0.7	1.8	356,053	349,601	378,709	336,200	705,654	668,596	5.5
Excluding transportation.....	341,093	339,987	336,490	0.3	1.0	1.3	313,866	310,967	329,927	293,533	624,833	588,443	6.2
Excluding defense.....	370,972	370,557	369,519	0.1	0.3	2.0	342,790	337,486	364,145	323,511	680,276	646,660	5.2
With unfilled orders.....	130,233	130,388	131,932	-0.1	-1.2	2.9	121,709	114,832	134,593	119,217	236,541	232,380	1.8
Durable goods industries.....	179,796	180,817	180,942	-0.6	-0.1	2.4	167,683	160,722	182,395	164,265	328,405	322,645	1.8
Wood products.....	7,440	7,464	7,411	-0.3	0.7	-2.3	6,730	6,207	6,644	6,801	12,937	13,034	-0.7
Nonmetallic mineral products.....	7,350	7,404	7,447	-0.7	-0.6	0.4	6,334	6,221	6,421	6,683	12,555	13,355	-6.0
Primary metals.....	16,845	16,460	16,369	2.3	0.6	7.6	15,896	15,403	14,134	13,151	31,299	26,714	17.2
Iron and steel mills.....	7,577	7,253	6,779	4.5	7.0	7.4	7,034	6,631	5,899	5,572	13,665	11,489	18.9
Aluminum and nonferrous metals.....	7,988	7,949	8,267	0.5	-3.8	8.6	7,662	7,613	7,089	6,300	15,275	12,703	20.2
Ferrous metal foundries.....	1,280	1,258	1,323	1.7	-4.9	3.4	1,200	1,159	1,146	1,279	2,359	2,522	-6.5
Fabricated metal products.....	24,420	23,996	23,982	1.8	0.1	-0.6	22,640	21,645	22,227	22,772	44,285	45,694	-3.1
Machinery.....	23,040	22,486	24,026	2.5	-6.4	5.7	21,932	20,291	24,205	22,823	42,223	45,298	-6.8
Farm machinery.....	2,374	2,290	2,133	3.7	7.4	0.4	2,581	2,054	1,748	2,644	4,635	5,028	-7.8
Construction machinery.....	1,482	1,527	1,516	-2.9	0.7	3.3	1,400	1,366	1,529	1,627	2,766	3,326	-16.8
Mining, oil field, and gas field machinery.....	1,323	1,348	1,298	-1.9	3.9	2.3	1,258	1,294	1,484	1,464	2,552	3,001	-15.0
Industrial machinery.....	2,561	2,181	2,273	17.4	-4.0	-1.3	2,272	2,111	2,686	1,880	4,383	4,458	-1.7
Photographic equipment.....	595	588	592	1.2	-0.7	5.5	506	464	682	549	970	967	0.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,203	3,276	3,316	-2.2	-1.2	2.3	2,650	2,610	3,332	2,811	5,260	5,366	-2.0
Metalworking machinery.....	1,584	1,569	1,638	1.0	-4.2	-2.2	1,544	1,479	1,704	1,785	3,023	3,522	-14.2
Turbines, generators, and other power transmission equipment.....	2,527	2,416	3,790	4.6	-36.3	37.4	2,536	2,336	3,673	2,992	4,872	5,874	-17.1
Material handling equipment.....	1,636	1,559	1,642	4.9	-5.1	-3.0	1,613	1,422	1,646	1,601	3,035	3,165	-4.1
Computers and electronic products.....	30,899	31,819	29,695	-2.9	7.2	-1.6	27,356	29,082	33,558	24,700	56,438	50,019	12.8
Computers.....	2,685	2,771	2,743	-3.1	1.0	5.3	2,434	2,716	3,108	2,438	5,150	5,072	1.5
Computer storage devices.....	762	827	579	-7.9	42.8	-14.0	511	555	1,024	349	1,066	638	67.1
Other peripheral equipment.....	1,097	1,281	1,369	-14.4	-6.4	4.1	829	881	2,075	1,033	1,710	1,881	-9.1
Nondefense communications equipment.....	4,128	4,240	4,182	-2.6	1.4	-3.0	3,374	3,228	5,288	3,300	6,602	6,344	4.1
Defense communications equipment.....	669	650	655	2.9	-0.8	-9.7	670	605	620	760	1,275	1,532	-16.8
Audio and video equipment.....	587	580	573	1.2	1.2	-3.4	504	500	753	425	1,004	844	19.0
Semiconductors.....	4,597	5,188	4,060	-11.4	27.8	-0.4	3,896	6,507	3,160	2,611	10,403	7,357	41.4
Electronic components.....	3,711	3,706	3,541	0.1	4.7	3.8	3,428	3,292	3,980	3,034	6,720	5,990	12.2
Nondefense search and navigation equipment.....	864	865	823	-0.1	5.1	-5.6	835	744	877	891	1,579	1,614	-2.2
Defense search and navigation equipment.....	2,842	2,924	2,882	-2.8	1.5	-3.9	2,784	2,385	2,987	2,745	5,169	4,774	8.3
Electromedical, measuring, and control instruments.....	8,557	8,394	7,892	1.9	6.4	-3.5	7,736	7,323	9,254	6,702	15,059	13,138	14.6
Electrical equipment, appliances, and components.....	8,542	8,456	8,616	1.0	-1.9	0.5	7,913	7,437	8,419	8,039	15,350	15,775	-2.7
Electric lighting equipment.....	1,000	1,030	1,044	-2.9	-1.3	0.5	957	894	1,072	945	1,851	1,801	2.8
Household appliances.....	1,699	1,703	1,675	-0.2	1.7	-1.1	1,489	1,371	1,679	1,480	2,860	2,867	-0.2
Electrical equipment.....	2,581	2,463	2,711	4.8	-9.1	3.0	2,510	2,251	2,650	2,674	4,761	5,190	-8.3
Batteries.....	789	746	686	5.8	8.7	-9.0	663	644	713	590	1,307	1,220	7.1
Transportation equipment.....	43,764	45,338	46,237	-3.5	-1.9	5.2	42,187	38,634	48,782	42,667	80,821	80,153	0.8
Automobiles.....	4,922	5,066	5,340	-2.8	-5.1	7.3	4,926	4,710	5,018	4,476	9,636	8,730	10.4
Light trucks and utility vehicles.....	4,305	4,390	4,531	-1.9	-3.1	3.9	4,221	3,752	4,757	5,507	7,973	10,768	-26.0
Heavy duty trucks.....	1,363	1,371	1,392	-0.6	-1.5	8.5	1,344	1,285	1,368	1,117	2,629	2,238	17.5
Motor vehicle bodies, parts, and trailers.....	14,250	14,516	14,441	-1.8	0.5	3.8	14,220	13,281	12,873	13,201	27,501	25,394	8.3
Nondefense aircraft and parts.....	6,608	6,812	8,742	-3.0	-22.1	17.5	5,967	5,025	11,330	7,235	10,992	13,746	-20.0
Defense aircraft and parts.....	5,903	6,237	5,783	-5.4	7.9	0.9	5,443	4,897	6,908	4,785	10,340	8,383	23.3
Ships and boats.....	1,936	2,009	1,829	-3.6	9.8	-2.0	1,954	1,727	1,838	2,100	3,681	3,797	-3.1
Furniture and related products.....	5,073	5,019	5,046	1.1	-0.5	0.6	5,036	4,642	4,950	5,210	9,678	10,147	-4.6
Miscellaneous durable goods.....	12,423	12,375	12,113	0.4	2.2	1.0	11,659	11,160	13,055	11,419	22,819	22,456	1.6
Nondurable goods industries.....	205,061	204,508	201,785	0.3	1.3	1.3	188,370	188,879	196,314	171,935	377,249	345,951	9.0
Food products.....	51,964	51,528	50,708	0.8	1.6	0.2	49,621	49,229	50,842	47,495	98,850	95,481	3.5
Grain and oilseed milling.....	6,190	6,399	6,116	-3.3	4.6	6.6	5,801	6,136	5,996	5,434	11,937	10,923	9.3
Dairy products.....	6,547	6,389	6,344	2.5	0.7	3.5	5,991	6,237	6,576	5,600	12,228	11,815	3.5
Meat, poultry, and seafood products.....	15,402	15,170	14,924	1.5	1.6	1.1	15,108	14,613	14,653	14,287	29,721	28,469	4.4
Beverage and tobacco products.....	10,735	11,027	11,242	-2.6	-1.9	2.4	10,004	10,134	11,034	10,663	20,138	21,168	-4.9
Beverages.....	7,627	7,664	7,639	-0.5	0.3	0.6	6,896	6,771	7,431	7,027	13,667	14,067	-2.8
Tobacco.....	3,108	3,363	3,603	-6.7	-6.7	6.5	3,108	3,363	3,603	3,636	6,471	7,101	-8.9
Textile mills.....	2,430	2,423	2,345	0.3	3.3	-1.0	2,383	2,311	2,135	2,164	4,694	4,285	9.5
Textile products.....	1,818	1,834	1,820	-0.9	0.8	2.8	1,758	1,674	1,603	1,779	3,432	3,464	-0.9
Apparel.....	2,135	2,140	2,178	-0.2	-1.7	1.5	2,139	1,884	2,040	2,298	4,023	4,323	-6.9
Leather and allied products.....	409	396	396	3.3	0.0	-2.2	435	326	371	442	761	794	-4.2
Paper products.....	13,226	13,107	13,056	0.9	0.4	1.7	12,488	12,763	12,883	12,408	25,251	25,335	-0.3
Pulp, paper, and paperboard mills.....	6,304	6,342	6,311	-0.6	0.5	1.7	5,971	6,269	6,222	5,944	12,240	12,221	0.2
Paperboard containers.....	3,570	3,440	3,416	3.8	0.7	2.9	3,320	3,314	3,322	3,297	6,634	6,785	-2.2
Printing.....	7,162	7,171	7,211	-0.1	-0.6	1.1	6,570	6,719	7,346	6,961	13,289	14,195	-6.4
Petroleum and coal products.....	45,226	45,935	44,594	-1.5	3.0	2.7	37,625	40,289	42,152	26,218	77,914	54,787	42.2
Petroleum refineries.....	42,023	42,976	42,164	-2.2	1.9	3.7	35,028	37,997	40,097	23,596	73,025	49,856	46.5
Chemical products.....	53,980	53,191	52,435	1.5	1.4	0.9	50,684	49,195	51,588	47,376	99,879	94,150	6.1
Pesticides, fertilizers, and other agricultural chemicals.....	3,998	3,830	3,519	4.4	8.8	6.6	3,946	2,939	2,925	2,943	6,885	5,382	27.9
Pharmaceuticals and medicines.....	13,870	13,803	14,030	0.5	-1.6	2.4	12,918	13,116	14,613	13,971	26,034	27,634	-5.8
Paints, coatings, and adhesives.....	2,482	2,438	2,408	1.8	1.2	-3.4	2,280	2,081	2,009	2,279	4,361	4,479	-2.6
Plastics and rubber products.....	15,976	15,756	15,800	1.4	-0.3	0.8	14,663	14,355	14,320	14,131	29,018	27,969	3.8

NA Not Available

<sup>P</sup> Preliminary<sup>F</sup> Revised data due to late receipts and concurrent seasonal adjustment.

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

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

Table 2. Value of Manufacturers' New Orders for Industry Groups<sup>1</sup>

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly			Year to date			
	Feb. 2010 <sup>P</sup>	Jan. 2010 <sup>r</sup>	Dec. 2009	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2010 <sup>P</sup>	Jan. 2010 <sup>r</sup>	Dec. 2009	Feb. 2009	2010 <sup>P</sup>	2009	Percent 2010/2009
All manufacturing industries <sup>2</sup> .....	383,529	381,425	372,285	0.6	2.5	1.5	356,499	349,447	379,399	321,011	705,946	640,895	10.2
Excluding transportation <sup>2</sup> .....	337,559	335,123	333,514	0.7	0.5	1.5	313,116	308,045	327,374	286,698	621,161	571,854	8.6
Excluding defense <sup>2</sup> .....	370,022	366,216	360,940	1.0	1.5	1.5	343,687	334,665	362,288	309,429	678,352	619,457	9.5
With unfilled orders <sup>2</sup> .....	133,502	131,676	125,550	1.4	4.9	2.2	126,051	121,185	138,443	106,639	247,236	212,036	16.6
Durable goods industries <sup>2</sup> .....	178,468	176,917	170,500	0.9	3.8	1.8	168,129	160,568	183,085	149,076	328,697	294,944	11.4
Primary metals.....	17,355	17,136	16,726	1.3	2.5	10.1	16,757	16,559	14,423	12,075	33,316	24,788	34.4
Iron and steel mills.....	8,006	7,878	7,028	1.6	12.1	10.1	7,754	7,637	5,922	5,025	15,391	10,423	47.7
Aluminum and nonferrous metals.....	8,032	7,981	8,287	0.6	-3.7	9.8	7,743	7,669	7,259	6,037	15,412	12,147	26.9
Ferrous metal foundries.....	1,317	1,277	1,411	3.1	-9.5	11.7	1,260	1,253	1,242	1,013	2,513	2,218	13.3
Fabricated metal products.....	24,750	24,053	23,929	2.9	0.5	-2.1	23,531	21,965	22,358	21,552	45,496	43,016	5.8
Machinery.....	23,143	22,021	24,439	5.1	-9.9	7.3	21,926	21,405	23,930	20,822	43,331	41,201	5.2
Construction machinery.....	1,306	1,314	1,320	-0.6	-0.5	8.4	1,254	1,384	1,428	1,013	2,638	2,006	31.5
Mining, oil field, and gas field machinery.....	1,207	1,279	1,342	-5.6	-4.7	10.1	1,138	1,235	1,450	1,242	2,373	2,248	5.6
Industrial machinery.....	2,345	2,291	2,503	2.4	-8.5	-0.5	2,086	2,840	2,586	1,707	4,926	3,713	32.7
Photographic equipment.....	631	524	676	20.4	-22.5	19.4	553	467	714	503	1,020	1,052	-3.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,728	3,403	3,774	9.6	-9.8	5.4	2,650	3,133	3,382	2,947	5,783	5,688	1.7
Metalworking machinery.....	1,553	1,493	1,786	4.0	-16.4	14.6	1,597	1,541	1,750	1,524	3,138	3,132	0.2
Turbines, generators, and other power transmission equipment.....	2,330	2,146	3,388	8.6	-36.7	18.3	2,390	2,043	3,591	2,724	4,433	5,368	-17.4
Material handling equipment.....	1,706	1,542	1,436	10.6	7.4	-7.5	1,848	1,405	1,549	1,349	3,253	2,585	25.8
Computers and electronic products <sup>2</sup> .....	26,068	26,078	25,838	0.0	0.9	0.5	23,979	22,314	31,691	22,751	46,293	42,522	8.9
Computers.....	2,646	2,262	2,942	17.0	-23.1	2.0	2,395	2,207	3,307	2,441	4,602	4,671	-1.5
Nondefense communications equipment.....	4,284	4,334	4,512	-1.2	-3.9	3.7	4,157	3,272	5,516	3,769	7,429	6,517	14.0
Defense communications equipment.....	744	783	456	-5.0	71.7	-14.6	690	771	643	808	1,461	1,925	-24.1
Semiconductors <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,892	3,889	3,799	0.1	2.4	0.1	3,774	3,580	4,062	3,026	7,354	5,938	23.8
Nondefense search and navigation equipment.....	863	668	748	29.2	-10.7	-8.4	835	682	782	588	1,517	1,357	11.8
Defense search and navigation equipment.....	2,323	2,596	2,342	-10.5	10.8	9.0	2,409	2,148	3,189	3,368	4,557	5,349	-14.8
Electromedical, measuring, and control instruments.....	8,470	8,465	8,122	0.1	4.2	-0.8	7,520	7,372	9,908	6,532	14,892	12,567	18.5
Electrical equipment, appliances, and components.....	8,534	8,718	8,440	-2.1	3.3	-4.1	8,341	8,352	7,806	7,936	16,693	15,949	4.7
Electric lighting equipment.....	867	937	955	-7.5	-1.9	-15.1	865	877	925	972	1,742	1,837	-5.2
Household appliances.....	1,675	1,741	1,689	-3.8	3.1	-0.6	1,522	1,543	1,581	1,543	3,065	3,034	1.0
Electrical equipment.....	2,657	2,729	2,704	-2.6	0.9	0.1	2,782	2,749	2,278	2,501	5,531	4,805	15.1
Transportation equipment.....	45,970	46,302	38,771	-0.7	19.4	1.6	43,383	41,402	52,025	34,313	84,785	69,041	22.8
Motor vehicle bodies, parts, and trailers.....	14,076	14,318	14,469	-1.7	-1.0	5.4	14,096	13,431	13,165	13,207	27,527	25,370	8.5
Nondefense aircraft and parts.....	9,756	7,357	3,132	32.6	134.9	-28.4	8,198	4,954	13,030	1,084	13,152	5,125	156.6
Defense aircraft and parts.....	5,608	6,927	5,904	-19.0	17.3	22.7	5,234	6,793	8,090	4,678	12,027	8,673	38.7
Ships and boats.....	2,185	1,697	1,042	28.8	62.9	-14.2	2,348	2,096	1,659	1,412	4,444	2,921	52.1
Furniture and related products.....	5,209	5,110	5,176	1.9	-1.3	1.8	5,263	4,727	4,522	5,190	9,990	10,171	-1.8
Nondurable goods industries.....	205,061	204,508	201,785	0.3	1.3	1.3	188,370	188,879	196,314	171,935	377,249	345,951	9.0

NA Not Available    <sup>P</sup> Preliminary    <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

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

<sup>2</sup> 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<sup>1</sup>

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Feb. 10/09
	Feb. 2010 <sup>P</sup>	Jan. 2010 <sup>r</sup>	Dec. 2009	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2010 <sup>P</sup>	Jan. 2010 <sup>r</sup>	Dec. 2009	Feb. 2009	
All manufacturing industries <sup>2</sup> .....	722,229	718,960	717,672	0.5	0.2	-0.9	727,529	723,187	716,834	778,409	-6.5
Excluding transportation <sup>2</sup> .....	308,959	307,896	307,572	0.3	0.1	0.4	309,808	306,662	303,077	321,686	-3.7
Excluding defense <sup>2</sup> .....	573,696	570,049	569,202	0.6	0.1	-0.8	576,971	572,178	568,492	616,551	-6.4
Durable goods industries <sup>2</sup> .....	722,229	718,960	717,672	0.5	0.2	-0.9	727,529	723,187	716,834	778,409	-6.5
Primary metals.....	16,794	16,284	15,608	3.1	4.3	2.3	16,992	16,131	14,975	16,401	3.6
Iron and steel mills.....	9,288	8,859	8,234	4.8	7.6	3.1	9,300	8,580	7,574	8,282	12.3
Aluminum and nonferrous metals.....	5,337	5,293	5,261	0.8	0.6	0.4	5,446	5,365	5,309	5,672	-4.0
Ferrous metal foundries.....	2,169	2,132	2,113	1.7	0.9	4.3	2,246	2,186	2,092	2,447	-8.2
Fabricated metal products.....	49,411	49,081	49,024	0.7	0.1	-0.1	49,095	48,204	47,884	54,057	-9.2
Machinery.....	87,510	87,407	87,872	0.1	-0.5	0.5	87,899	87,905	86,791	93,814	-6.3
Construction machinery.....	7,493	7,669	7,882	-2.3	-2.7	-2.4	7,639	7,785	7,767	11,212	-31.9
Mining, oil field, and gas field machinery.....	4,698	4,814	4,883	-2.4	-1.4	0.9	4,709	4,829	4,888	6,528	-27.9
Industrial machinery.....	11,274	11,490	11,380	-1.9	1.0	2.1	11,503	11,689	10,960	13,676	-15.9
Photographic equipment.....	1,816	1,780	1,844	2.0	-3.5	4.8	1,827	1,780	1,777	1,882	-2.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	21,460	20,935	20,808	2.5	0.6	2.3	20,989	20,989	20,466	16,471	27.4
Metalworking machinery.....	6,643	6,674	6,750	-0.5	-1.1	2.2	6,722	6,669	6,607	7,425	-9.5
Turbines, generators, and other power transmission equipment.....	13,276	13,473	13,743	-1.5	-2.0	-2.8	13,415	13,561	13,854	14,211	-5.6
Material handling equipment.....	7,672	7,602	7,619	0.9	-0.2	-2.6	7,839	7,604	7,621	8,491	-7.7
Computers and electronic products <sup>2</sup> .....	122,211	122,445	122,998	-0.2	-0.4	0.2	122,856	122,337	122,598	124,439	-1.3
Computers.....	4,159	4,198	4,707	-0.9	-10.8	4.4	4,159	4,198	4,707	3,689	12.7
Nondefense communications equipment.....	29,715	29,559	29,465	0.5	0.3	1.1	29,878	29,095	29,051	28,535	4.7
Defense communications equipment.....	8,266	8,191	8,058	0.9	1.7	-2.4	8,217	8,197	8,031	8,785	-6.5
Semiconductors <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	11,554	11,373	11,190	1.6	1.6	2.4	11,613	11,267	10,979	10,028	15.8
Nondefense search and navigation equipment.....	7,442	7,443	7,640	0.0	-2.6	-1.0	7,514	7,514	7,576	8,477	-11.4
Defense search and navigation equipment.....	34,564	35,083	35,411	-1.5	-0.9	-1.5	34,835	35,210	35,447	37,508	-7.1
Electromedical, measuring, and control instruments.....	26,511	26,598	26,527	-0.3	0.3	0.9	26,640	26,856	26,807	27,417	-2.8
Electrical equipment, appliances, and components.....	20,461	20,469	20,207	0.0	1.3	-0.9	20,769	20,341	19,426	21,773	-4.6
Electric lighting equipment.....	1,803	1,936	2,029	-6.9	-4.6	-4.2	1,752	1,844	1,861	2,056	-14.8
Household appliances.....	513	537	499	-4.5	7.6	2.9	597	564	392	500	19.4
Electrical equipment.....	13,227	13,151	12,885	0.6	2.1	-0.1	13,307	13,035	12,537	13,912	-4.3
Transportation equipment.....	413,270	411,064	410,100	0.5	0.2	-1.8	417,721	416,525	413,757	456,723	-8.5
Motor vehicle bodies, parts, and trailers.....	13,688	13,862	14,060	-1.3	-1.4	0.2	14,099	14,223	14,073	15,625	-9.8
Nondefense aircraft and parts.....	274,261	271,113	270,568	1.2	0.2	-2.0	276,491	274,260	274,331	299,489	-7.7
Defense aircraft and parts.....	45,866	46,161	45,471	-0.6	1.5	0.3	46,680	46,889	44,993	48,517	-3.8
Ships and boats.....	16,749	16,500	16,812	1.5	-1.9	-4.5	17,393	16,999	16,630	22,068	-21.2
Furniture and related products.....	6,190	6,054	5,963	2.2	1.5	2.2	5,815	5,588	5,503	5,811	0.1

NA Not Available    <sup>P</sup> Preliminary    <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

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

<sup>2</sup> 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<sup>1</sup>

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted					Percent Change Feb. 10/09
	Monthly			Percent Change			Monthly					
	Feb. 2010 <sup>p</sup>	Jan. 2010 <sup>f</sup>	Dec. 2009	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2010 <sup>p</sup>	Jan. 2010 <sup>f</sup>	Dec. 2009	Feb. 2009		
All manufacturing industries.....	498,293	495,778	494,435	0.5	0.3	-0.2	499,787	493,142	481,578	530,825	-5.8	
Excluding transportation.....	408,053	405,671	404,903	0.6	0.2	-0.1	409,199	403,809	395,979	436,133	-6.2	
Excluding defense.....	471,344	469,145	468,142	0.5	0.2	-0.2	472,836	466,519	455,578	505,061	-6.4	
With unfilled orders.....	246,074	245,108	244,369	0.4	0.3	-0.2	248,381	245,100	237,849	271,625	-8.6	
Durable goods industries.....	303,986	302,871	302,714	0.4	0.1	-0.2	307,356	303,050	294,699	337,834	-9.0	
Wood products.....	9,438	9,421	9,264	0.2	1.7	0.1	9,665	9,559	9,217	10,398	-7.0	
Nonmetallic mineral products.....	10,481	10,488	10,549	-0.1	-0.6	-1.3	10,713	10,508	10,318	12,041	-11.0	
Primary metals.....	26,521	26,098	25,805	1.6	1.1	1.1	26,521	26,171	25,725	29,927	-11.4	
Iron and steel mills.....	14,691	14,357	14,141	2.3	1.5	0.8	14,657	14,427	14,179	17,565	-16.6	
Aluminum and nonferrous metals.....	9,648	9,592	9,526	0.6	0.7	1.8	9,602	9,556	9,404	9,663	-0.6	
Ferrous metal foundries.....	2,182	2,149	2,138	1.5	0.5	-0.4	2,262	2,188	2,142	2,699	-16.2	
Fabricated metal products.....	37,028	36,707	36,738	0.9	-0.1	-0.6	37,611	37,017	36,190	43,008	-12.5	
Machinery.....	47,093	47,147	47,534	-0.1	-0.8	-0.5	48,102	47,412	46,223	55,390	-13.2	
Farm machinery.....	2,587	2,612	2,680	-1.0	-2.5	-1.2	2,901	2,777	2,698	3,830	-24.3	
Construction machinery.....	4,878	4,875	4,895	0.1	-0.4	-0.8	4,968	4,830	4,759	5,843	-15.0	
Mining, oil field, and gas field machinery.....	4,379	4,410	4,450	-0.7	-0.9	-0.7	4,397	4,395	4,258	4,864	-9.6	
Industrial machinery.....	6,019	5,991	6,044	0.5	-0.9	0.0	6,083	5,892	5,841	6,839	-11.1	
Photographic equipment.....	1,432	1,453	1,461	-1.4	-0.5	-1.2	1,424	1,469	1,382	1,442	-1.2	
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,743	3,694	3,694	1.3	0.0	-0.8	3,834	3,629	3,439	4,493	-14.7	
Metalworking machinery.....	4,073	4,087	4,182	-0.3	-2.3	-0.5	4,113	4,073	4,085	5,229	-21.3	
Turbines, generators, and other power transmission equipment.....	5,046	5,037	5,053	0.2	-0.3	-1.3	5,133	5,102	4,868	6,032	-14.9	
Material handling equipment.....	2,654	2,692	2,693	-1.4	0.0	0.7	2,693	2,742	2,632	3,235	-16.8	
Computers and electronic products <sup>2</sup> .....	43,233	42,983	43,402	0.6	-1.0	1.2	43,859	43,120	42,549	47,448	-7.6	
Computers.....	1,230	1,213	1,127	1.4	7.6	-0.9	1,244	1,145	1,105	1,236	0.6	
Computer storage devices.....	1,210	1,215	1,218	-0.4	-0.2	6.5	1,231	1,171	1,147	1,424	-13.6	
Other peripheral equipment.....	1,858	1,837	1,853	1.1	-0.9	1.4	1,872	1,783	1,722	2,084	-10.2	
Nondefense communications equipment.....	7,129	7,047	7,078	1.2	-0.4	4.6	7,356	7,218	7,040	8,683	-15.3	
Defense communications equipment.....	2,333	2,271	2,272	2.7	0.0	-1.3	2,333	2,271	2,272	1,840	26.8	
Audio and video equipment.....	368	386	391	-4.7	-1.3	-23.3	353	393	396	773	-54.3	
Semiconductors <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Electronic components.....	6,192	6,276	6,339	-1.3	-1.0	4.3	6,264	6,397	6,155	6,476	-3.3	
Nondefense search and navigation equipment.....	5,013	4,986	4,951	0.5	0.7	0.1	5,012	4,944	4,846	4,962	1.0	
Defense search and navigation equipment.....	3,910	3,730	3,690	4.8	1.1	3.1	3,958	3,733	3,636	3,617	9.4	
Electromedical, measuring and control instruments.....	10,280	10,346	10,126	-0.6	2.2	-1.0	10,477	10,393	9,916	11,143	-6.0	
Electrical equipment, appliances, and components.....	12,101	12,106	12,022	0.0	0.7	-1.0	12,379	12,227	11,683	14,094	-12.2	
Electric lighting equipment.....	1,373	1,398	1,431	-1.8	-2.3	0.1	1,388	1,394	1,369	1,661	-16.4	
Household appliances.....	1,993	1,984	1,975	0.5	0.5	3.5	2,036	1,955	1,748	2,048	-0.6	
Electrical equipment.....	3,869	3,830	3,823	1.0	0.2	-0.3	4,070	4,014	3,912	4,754	-14.4	
Batteries.....	648	654	652	-0.9	0.3	2.2	624	625	598	705	-11.5	
Transportation equipment.....	90,240	90,107	89,532	0.1	0.6	-0.5	90,588	89,333	85,599	94,692	-4.3	
Automobiles.....	1,896	1,809	1,956	4.8	-7.5	3.7	1,997	1,974	1,759	2,124	-6.0	
Light trucks and utility vehicles.....	1,869	1,847	1,675	1.2	10.3	4.9	1,874	1,747	1,477	1,928	-2.8	
Heavy duty trucks.....	1,569	1,609	1,615	-2.5	-0.4	5.6	1,543	1,581	1,550	1,588	-2.8	
Motor vehicle bodies, parts, and trailers.....	13,182	13,257	13,297	-0.6	-0.3	0.4	13,430	13,443	13,013	14,965	-10.3	
Nondefense aircraft and parts.....	45,798	45,441	44,988	0.8	1.0	-0.5	45,798	44,509	42,422	47,291	-3.2	
Defense aircraft and parts.....	15,945	15,740	15,330	1.3	2.7	-1.9	15,837	15,626	15,084	14,914	6.2	
Ships and boats.....	2,560	2,629	2,694	-2.6	-2.4	0.6	2,645	2,685	2,692	3,054	-13.4	
Furniture and related products.....	6,045	6,029	6,062	0.3	-0.5	-0.8	6,030	6,023	5,934	7,112	-15.2	
Miscellaneous durable goods.....	21,806	21,785	21,806	0.1	-0.1	-0.7	21,888	21,680	21,261	23,724	-7.7	
Nondurable goods industries.....	194,307	192,907	191,721	0.7	0.6	-0.1	192,431	190,092	186,879	192,991	-0.3	
Food products.....	35,765	35,861	36,106	-0.3	-0.7	0.7	35,686	35,786	36,027	35,736	-0.1	
Grain and oilseed milling.....	4,767	4,710	4,737	1.2	-0.6	2.4	4,855	4,830	4,832	4,303	12.8	
Dairy products.....	4,473	4,471	4,409	0.0	1.4	1.6	4,455	4,379	4,079	4,421	0.8	
Meat, poultry, and seafood products.....	7,141	7,151	7,142	-0.1	0.1	0.1	7,138	7,047	7,001	7,025	1.6	
Beverage and tobacco products.....	15,251	15,264	15,453	-0.1	-1.2	-0.3	15,536	15,458	15,422	15,667	-0.8	
Beverages.....	11,227	11,235	11,374	-0.1	-1.2	-0.5	11,328	11,227	11,225	11,564	-2.0	
Tobacco.....	4,024	4,029	4,079	-0.1	-1.2	0.2	4,208	4,231	4,197	4,103	2.6	
Textile mills.....	2,902	2,903	2,913	0.0	-0.3	-1.4	2,948	2,934	2,936	3,485	-15.4	
Textile products.....	2,686	2,675	2,689	0.4	-0.5	0.4	2,699	2,698	2,634	2,904	-7.1	
Apparel.....	3,531	3,532	3,476	0.0	1.6	-0.9	3,480	3,514	3,287	4,064	-14.4	
Leather and allied products.....	931	935	935	-0.4	0.0	-1.7	942	967	904	1,088	-13.4	
Paper products.....	13,309	13,345	13,448	-0.3	-0.8	-0.6	13,453	13,368	13,373	14,843	-9.4	
Pulp, paper, and paperboard mills.....	5,661	5,682	5,769	-0.4	-1.5	-1.4	5,726	5,705	5,800	6,386	-10.3	
Paperboard containers.....	3,596	3,621	3,603	-0.7	0.5	-2.9	3,677	3,671	3,603	4,323	-14.9	
Printing.....	5,543	5,554	5,527	-0.2	0.5	-1.1	5,496	5,367	5,246	6,325	-13.1	
Petroleum and coal products.....	33,451	32,173	31,173	4.0	3.2	3.8	30,300	29,244	28,477	22,522	34.5	
Petroleum refineries.....	31,369	30,082	29,046	4.3	3.6	4.0	28,186	27,170	26,426	20,018	40.8	
Chemical products.....	61,961	61,980	61,755	0.0	0.4	-1.5	62,537	61,816	60,357	65,694	-4.8	
Pesticides, fertilizers, and other agricultural chemicals.....	3,270	3,270	3,157	0.0	3.6	-0.4	3,711	3,587	3,344	3,652	1.6	
Pharmaceuticals and medicines.....	22,718	22,709	22,946	0.0	-1.0	-3.2	22,544	22,219	21,940	24,697	-8.7	
Paints, coatings, and adhesives.....	2,886	2,866	2,866	0.7	0.0	-0.5	3,005	2,875	2,713	3,164	-5.0	
Plastics and rubber products.....	18,977	18,685	18,246	1.6	2.4	-2.3	19,354	18,940	18,216	20,663	-6.3	

NA Not Available    <sup>p</sup> Preliminary    <sup>f</sup> Revised data due to late receipts and concurrent seasonal adjustment.<sup>1</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.<sup>2</sup> 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<sup>1,2</sup>**

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						Percent Change <sup>6</sup> 2010/ 2009
	Monthly			Percent Change			Monthly			Year to date			
	Feb. 2010 <sup>p</sup>	Jan. 2010 <sup>r</sup>	Dec. 2009	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2010 <sup>p</sup>	Jan. 2010 <sup>r</sup>	Dec. 2009	Feb. 2009	2010 <sup>p</sup>	2009	
<b>SHIPMENTS</b>													
All manufacturing industries .....	384,857	385,325	382,727	-0.1	0.7	1.8	356,053	349,601	378,709	336,200	705,654	668,596	5.5
Construction materials and supplies.....	37,969	37,735	37,227	0.6	1.4	-1.5	33,665	31,985	33,598	34,698	65,650	68,120	-3.6
Information technology.....	25,659	26,027	25,186	-1.4	3.3	-2.0	22,832	22,024	29,405	21,954	44,856	42,336	6.0
Computers and related products .....	4,544	4,879	4,691	-6.9	4.0	2.2	3,774	4,152	6,207	3,820	7,926	7,591	4.4
Motor vehicle and parts.....	24,840	25,343	25,704	-2.0	-1.4	4.7	24,711	23,028	24,016	24,301	47,739	47,130	1.3
Capital goods.....	67,932	68,470	70,121	-0.8	-2.4	2.9	63,359	59,526	77,027	63,584	122,885	123,086	-0.2
Nondefense capital goods <sup>3</sup> .....	57,186	57,127	59,784	0.1	-4.4	4.1	52,835	50,004	66,269	53,436	102,839	105,666	-2.7
Excluding aircraft.....	54,063	53,722	54,783	0.6	-1.9	2.3	50,106	47,976	59,268	49,941	98,082	98,754	-0.7
Defense capital goods <sup>4</sup> .....	10,746	11,343	10,337	-5.3	9.7	-3.6	10,524	9,522	10,758	10,148	20,046	17,420	15.1
Consumer goods.....	156,083	156,804	155,668	-0.5	0.7	1.9	143,929	144,619	153,890	132,721	288,548	266,833	8.1
Consumer durable goods.....	21,984	22,025	22,087	-0.2	-0.3	1.9	21,428	19,424	22,394	21,944	40,852	42,606	-4.1
Consumer nondurable goods.....	134,099	134,779	133,581	-0.5	0.9	1.8	122,501	125,195	131,496	110,777	247,696	224,227	10.5
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	383,529	381,425	372,285	0.6	2.5	1.5	356,499	349,447	379,399	321,011	705,946	640,895	10.2
Construction materials and supplies.....	38,391	37,801	37,683	1.6	0.3	-2.6	33,728	32,494	33,601	33,798	66,222	66,263	-0.1
Information technology.....	25,353	25,278	25,121	0.3	0.6	0.5	23,267	21,740	30,652	22,558	45,007	42,689	5.4
Computers and related products .....	4,505	4,370	4,890	3.1	-10.6	0.4	3,735	3,643	6,406	3,823	7,378	7,190	2.6
Motor vehicle and parts.....	24,666	25,145	25,732	-1.9	-2.3	5.7	24,587	23,178	24,308	24,307	47,765	47,106	1.4
Capital goods.....	71,105	68,264	63,332	4.2	7.8	2.0	66,697	61,706	80,746	54,598	128,403	106,711	20.3
Nondefense capital goods <sup>3</sup> .....	60,553	57,149	55,000	6.0	3.9	2.2	56,540	50,788	67,700	45,042	107,328	89,321	20.2
Excluding aircraft.....	53,829	52,798	55,212	2.0	-4.4	3.0	51,579	48,777	59,098	47,809	100,356	93,383	7.5
Defense capital goods <sup>4</sup> .....	10,552	11,115	8,332	-5.1	33.4	0.6	10,157	10,918	13,046	9,556	21,075	17,390	21.2
Consumer goods.....	156,360	157,153	155,990	-0.5	0.7	1.9	144,315	145,203	153,932	132,360	289,518	266,522	8.6
Consumer durable goods.....	22,261	22,374	22,409	-0.5	-0.2	2.0	21,814	20,008	22,436	21,583	41,822	42,295	-1.1
Consumer nondurable goods.....	134,099	134,779	133,581	-0.5	0.9	1.8	122,501	125,195	131,496	110,777	247,696	224,227	10.5
<b>UNFILLED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	722,229	718,960	717,672	0.5	0.2	-0.9	727,529	723,187	716,834	778,409	(X)	(X)	-6.5
Construction materials and supplies.....	49,811	49,389	49,323	0.9	0.1	0.9	48,898	48,835	48,326	48,527	(X)	(X)	0.8
Information technology.....	117,391	117,697	118,446	-0.3	-0.6	-0.1	118,183	117,748	118,032	121,598	(X)	(X)	-2.8
Computers and related products .....	4,159	4,198	4,707	-0.9	-10.8	4.4	4,159	4,198	4,707	3,689	(X)	(X)	12.7
Motor vehicle and parts.....	13,688	13,862	14,060	-1.3	-1.4	0.2	14,099	14,223	14,073	15,625	(X)	(X)	-9.8
Capital goods.....	544,745	541,572	541,778	0.6	0.0	-1.2	549,399	546,061	543,881	597,560	(X)	(X)	-8.1
Nondefense capital goods <sup>3</sup> .....	412,367	409,000	408,978	0.8	0.0	-1.2	415,330	411,625	410,841	451,925	(X)	(X)	-8.1
Excluding aircraft.....	173,170	173,404	174,328	-0.1	-0.5	0.2	174,349	172,876	172,075	187,811	(X)	(X)	-7.2
Defense capital goods <sup>4</sup> .....	132,378	132,572	132,800	-0.1	-0.2	-1.5	134,069	134,436	133,040	145,635	(X)	(X)	-7.9
Consumer goods.....	8,970	8,693	8,344	3.2	4.2	4.0	9,072	8,686	8,102	7,686	(X)	(X)	18.0
Consumer durable goods.....	8,970	8,693	8,344	3.2	4.2	4.0	9,072	8,686	8,102	7,686	(X)	(X)	18.0
<b>TOTAL INVENTORIES</b>													
All manufacturing industries .....	498,293	495,778	494,435	0.5	0.3	-0.2	499,787	493,142	481,578	530,825	(X)	(X)	-5.8
Construction materials and supplies.....	50,833	50,708	50,617	0.2	0.2	-0.8	51,950	51,093	49,600	58,688	(X)	(X)	-11.5
Information technology.....	39,332	39,073	38,661	0.7	1.1	0.1	39,855	39,091	37,859	42,528	(X)	(X)	-6.3
Computers and related products .....	4,298	4,265	4,198	0.8	1.6	2.2	4,347	4,099	3,974	4,744	(X)	(X)	-8.4
Motor vehicle and parts.....	18,516	18,522	18,543	0.0	-0.1	1.6	18,844	18,745	17,799	20,605	(X)	(X)	-8.5
Capital goods.....	153,252	152,521	151,378	0.5	0.8	-0.7	154,810	151,801	146,729	166,594	(X)	(X)	-7.1
Nondefense capital goods <sup>3</sup> .....	132,505	132,070	131,455	0.3	0.5	-0.6	133,953	131,246	126,853	146,617	(X)	(X)	-8.6
Excluding aircraft.....	96,071	96,050	95,953	0.0	0.1	-0.2	97,540	96,112	93,582	108,995	(X)	(X)	-10.5
Defense capital goods <sup>4</sup> .....	20,747	20,451	19,923	1.4	2.7	-1.6	20,857	20,555	19,876	19,977	(X)	(X)	4.4
Consumer goods.....	146,223	144,966	144,876	0.9	0.1	0.5	143,567	142,053	139,873	143,123	(X)	(X)	0.3
Consumer durable goods.....	23,131	23,075	23,259	0.2	-0.8	0.4	23,583	23,421	22,329	27,154	(X)	(X)	-13.2
Consumer nondurable goods.....	123,092	121,891	121,617	1.0	0.2	0.5	119,984	118,632	117,544	115,969	(X)	(X)	3.5

X Not Applicable    <sup>p</sup> Preliminary    <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

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

<sup>2</sup> Topical series are regroupings of the separate industry categories.

<sup>3</sup> 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.

<sup>4</sup> 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.

<sup>5</sup> Estimates and percent changes exclude semiconductor industry data.

<sup>6</sup> 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<sup>1</sup>

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Feb. 10/09
	Feb. 2010 <sup>P</sup>	Jan. 2010 <sup>r</sup>	Dec. 2009	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2010 <sup>P</sup>	Jan. 2010 <sup>r</sup>	Dec. 2009	Feb. 2009	
<b>MATERIALS AND SUPPLIES</b>											
All manufacturing industries.....	167,562	166,418	166,912	0.7	-0.3	0.5	167,821	166,759	165,708	180,634	-7.1
Durable goods industries.....	99,305	99,526	99,974	-0.2	-0.4	-0.1	100,015	100,184	99,637	115,127	-13.1
Wood products.....	3,764	3,749	3,634	0.4	3.2	0.6	3,853	3,938	3,825	4,348	-11.4
Nonmetallic mineral products.....	4,320	4,312	4,318	0.2	-0.1	-0.1	4,329	4,293	4,286	4,741	-8.7
Primary metals.....	10,712	10,617	10,670	0.9	-0.5	-1.9	10,616	10,689	10,880	13,991	-24.1
Fabricated metal products.....	13,347	13,227	13,413	0.9	-1.4	0.1	13,600	13,504	13,639	16,305	-16.6
Machinery.....	18,312	18,293	18,559	0.1	-1.4	-1.8	18,505	18,499	18,200	21,635	-14.5
Computers and electronic products.....	12,786	13,036	13,072	-1.9	-0.3	-0.7	12,865	12,983	13,014	15,472	-16.8
Electrical equipment, appliances, and components.....	4,651	4,594	4,535	1.2	1.3	-1.0	4,751	4,672	4,506	5,618	-15.4
Transportation equipment.....	21,099	21,350	21,417	-1.2	-0.3	2.6	21,143	21,237	21,062	21,875	-3.3
Furniture and related products.....	3,066	3,058	3,066	0.3	-0.3	1.5	3,082	3,068	3,044	3,412	-9.7
Miscellaneous products.....	7,248	7,290	7,290	-0.6	0.0	-0.2	7,271	7,301	7,181	7,730	-5.9
Nondurable goods industries.....	68,257	66,892	66,938	2.0	-0.1	1.3	67,806	66,575	66,071	65,507	3.5
Food products.....	13,459	13,626	13,902	-1.2	-2.0	3.2	13,524	13,988	13,990	13,111	3.2
Beverage and tobacco products.....	4,460	4,471	4,543	-0.2	-1.6	-0.3	4,614	4,675	4,701	4,583	0.7
Textiles.....	934	928	922	0.6	0.7	-0.1	942	932	930	1,023	-7.9
Textile products.....	1,013	1,009	1,023	0.4	-1.4	-0.6	1,003	1,003	1,012	1,107	-9.4
Apparel.....	911	908	900	0.3	0.9	-1.0	916	918	891	1,018	-10.0
Leather and allied products.....	353	349	352	1.1	-0.9	-1.1	354	354	348	406	-12.8
Paper products.....	6,414	6,486	6,583	-1.1	-1.5	-0.3	6,495	6,543	6,638	7,264	-10.6
Printing.....	2,519	2,471	2,466	1.9	0.2	-3.4	2,490	2,411	2,399	2,972	-16.2
Petroleum and coal products.....	10,849	9,683	9,496	12.0	2.0	6.5	9,798	8,573	8,667	6,641	47.5
Chemical products.....	19,598	19,394	19,386	1.1	0.0	1.4	19,861	19,502	19,061	19,220	3.3
Plastics and rubber products.....	7,747	7,567	7,365	2.4	2.7	-3.6	7,809	7,676	7,434	8,162	-4.3
<b>WORK IN PROCESS</b>											
All manufacturing industries.....	162,001	160,573	160,331	0.9	0.2	0.1	162,207	159,450	154,844	164,860	-1.6
Durable goods industries.....	123,662	122,317	121,716	1.1	0.5	0.0	124,526	121,933	117,196	128,515	-3.1
Wood products.....	1,690	1,692	1,673	-0.1	1.1	0.8	1,691	1,673	1,638	1,773	-4.6
Nonmetallic mineral products.....	1,290	1,270	1,271	1.6	-0.1	-3.8	1,346	1,265	1,190	1,431	-5.9
Primary metals.....	8,125	7,975	7,667	1.9	4.0	3.2	8,025	7,869	7,267	8,104	-1.0
Fabricated metal products.....	11,851	11,657	11,558	1.7	0.9	-2.3	11,948	11,701	11,275	12,803	-6.7
Machinery.....	13,627	13,570	13,566	0.4	0.0	1.3	13,749	13,366	12,914	15,455	-11.0
Computers and electronic products.....	21,720	21,307	21,614	1.9	-1.4	3.1	22,117	21,517	21,084	22,059	0.3
Electrical equipment, appliances, and components.....	2,519	2,513	2,392	0.2	5.1	-3.8	2,566	2,506	2,331	2,863	-10.4
Transportation equipment.....	58,557	58,120	57,711	0.8	0.7	-1.2	58,773	57,877	55,391	59,368	-1.0
Furniture and related products.....	1,049	1,026	1,061	2.2	-3.3	-2.2	1,055	1,029	1,053	1,233	-14.4
Miscellaneous products.....	3,234	3,187	3,203	1.5	-0.5	3.0	3,256	3,130	3,053	3,426	-5.0
Nondurable goods industries.....	38,339	38,256	38,615	0.2	-0.9	0.5	37,681	37,517	37,648	36,345	3.7
Food products.....	2,303	2,313	2,399	-0.4	0.6	0.6	2,314	2,451	2,681	2,247	3.0
Beverage and tobacco products.....	4,431	4,445	4,497	-0.3	-1.2	-0.1	4,602	4,651	4,787	4,561	0.9
Textiles.....	660	662	662	-0.3	0.0	-1.9	659	667	648	748	-11.9
Textile products.....	333	336	342	-0.9	-1.8	1.5	336	335	326	364	-7.7
Apparel.....	522	522	513	0.0	1.8	-2.7	511	520	485	576	-11.3
Leather and allied products.....	85	88	89	-3.4	-1.1	3.5	92	100	85	91	1.1
Paper products.....	1,260	1,260	1,253	0.0	0.6	-0.5	1,253	1,257	1,248	1,364	-8.1
Printing.....	1,478	1,501	1,450	-1.5	3.5	2.2	1,490	1,428	1,336	1,534	-2.9
Petroleum and coal products.....	10,291	10,117	9,854	1.7	2.7	4.6	9,558	9,264	9,094	6,410	49.1
Chemical products.....	14,727	14,762	15,347	-0.2	-3.8	-1.7	14,545	14,544	14,775	16,036	-9.3
Plastics and rubber products.....	2,249	2,250	2,209	0.0	1.9	-0.6	2,321	2,300	2,183	2,414	-3.9
<b>FINISHED GOODS</b>											
All manufacturing industries.....	168,730	168,787	167,192	0.0	1.0	-1.1	169,759	166,933	161,026	185,331	-8.4
Durable goods industries.....	81,019	81,028	81,024	0.0	0.0	-0.6	82,815	80,933	77,866	94,192	-12.1
Wood products.....	3,984	3,980	3,957	0.1	0.6	-0.6	4,121	3,948	3,754	4,277	-3.6
Nonmetallic mineral products.....	4,871	4,906	4,960	-0.7	-1.1	-1.7	5,038	4,950	4,842	5,869	-14.2
Primary metals.....	7,684	7,506	7,468	2.4	0.5	3.2	7,880	7,613	7,578	7,832	0.6
Fabricated metal products.....	11,830	11,823	11,767	0.1	0.5	0.1	12,063	11,812	11,276	13,900	-13.2
Machinery.....	15,154	15,284	15,409	-0.9	-0.8	-0.6	15,848	15,547	15,109	18,300	-13.4
Computers and electronic products.....	8,727	8,640	8,716	1.0	-0.9	-0.6	8,877	8,620	8,451	9,917	-10.5
Electrical equipment, appliances, and components.....	4,931	4,999	5,095	-1.4	-1.9	0.4	5,062	5,049	4,846	5,613	-9.8
Transportation equipment.....	10,584	10,637	10,404	-0.5	2.2	-2.1	10,672	10,219	9,146	13,449	-20.6
Furniture and related products.....	1,930	1,945	1,935	-0.8	0.5	-3.4	1,893	1,926	1,837	2,467	-23.3
Miscellaneous products.....	11,324	11,308	11,313	0.1	0.0	-2.0	11,361	11,249	11,027	12,568	-9.6
Nondurable goods industries.....	87,711	87,759	86,168	-0.1	1.8	-1.5	86,944	86,000	83,160	91,139	-4.6
Food products.....	20,003	19,922	19,805	0.4	0.6	-1.0	19,848	19,347	19,356	20,378	-2.6
Beverage and tobacco products.....	6,360	6,348	6,413	0.2	-1.0	-0.4	6,320	6,132	5,934	6,523	-3.1
Textiles.....	1,308	1,313	1,329	-0.4	-1.2	-2.1	1,347	1,335	1,358	1,714	-21.4
Textile products.....	1,340	1,330	1,324	0.8	0.5	1.0	1,360	1,360	1,296	1,433	-5.1
Apparel.....	2,098	2,102	2,063	-0.2	1.9	-0.4	2,053	2,076	1,911	2,470	-16.9
Leather and allied products.....	493	498	494	-1.0	0.8	-2.9	496	513	471	591	-16.1
Paper products.....	5,635	5,599	5,612	0.6	-0.2	-1.0	5,705	5,568	5,487	6,215	-8.2
Printing.....	1,546	1,582	1,611	-2.3	-1.8	-0.2	1,516	1,528	1,511	1,819	-16.7
Petroleum and coal products.....	12,311	12,373	11,823	-0.5	4.7	1.2	10,944	11,407	10,716	9,471	15.6
Chemical products.....	27,636	27,824	27,022	-0.7	3.0	-3.3	28,131	27,770	26,521	30,438	-7.6
Plastics and rubber products.....	8,981	8,868	8,672	1.3	2.3	-1.7	9,224	8,964	8,599	10,087	-8.6

<sup>P</sup> Preliminary<sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

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

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

**Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group<sup>3</sup>**

[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio <sup>1</sup>			
	Feb 2010 <sup>P</sup>	Jan 2010 <sup>r</sup>	Dec 2009	Nov 2009	Feb 2010 <sup>P</sup>	Jan 2010 <sup>r</sup>	Dec 2009	Nov 2009
All manufacturing industries <sup>2</sup> .....	1.29	1.29	1.29	1.32	(X)	(X)	(X)	(X)
Durable goods industries <sup>2</sup> .....	1.69	1.68	1.67	1.72	5.55	5.51	5.44	5.65
Wood products.....	1.27	1.26	1.25	1.22	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.43	1.42	1.42	1.44	(X)	(X)	(X)	(X)
Primary metals.....	1.57	1.59	1.58	1.68	1.00	0.99	0.95	1.00
Fabricated metal products.....	1.52	1.53	1.53	1.53	2.10	2.13	2.12	2.11
Machinery.....	2.04	2.10	1.98	2.10	4.37	4.46	4.12	4.36
Computers and electronic products <sup>2</sup> .....	1.40	1.35	1.46	1.42	5.21	5.20	5.41	5.31
Electrical equipment, appliances, and components.....	1.42	1.43	1.40	1.42	2.64	2.65	2.55	2.61
Transportation equipment.....	2.06	1.99	1.94	2.05	12.46	11.91	11.73	12.52
Furniture and related products.....	1.19	1.20	1.20	1.22	1.44	1.40	1.38	1.36
Miscellaneous products.....	1.76	1.76	1.80	1.83	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.95	0.94	0.95	0.96	(X)	(X)	(X)	(X)
Food products.....	0.69	0.70	0.71	0.71	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.42	1.38	1.37	1.41	(X)	(X)	(X)	(X)
Textiles.....	1.19	1.20	1.24	1.25	(X)	(X)	(X)	(X)
Textile products.....	1.48	1.46	1.48	1.51	(X)	(X)	(X)	(X)
Apparel.....	1.65	1.65	1.60	1.63	(X)	(X)	(X)	(X)
Leather and allied products.....	2.28	2.36	2.36	2.35	(X)	(X)	(X)	(X)
Paper products.....	1.01	1.02	1.03	1.05	(X)	(X)	(X)	(X)
Printing.....	0.77	0.77	0.77	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.74	0.70	0.70	0.69	(X)	(X)	(X)	(X)
Chemical products.....	1.15	1.17	1.18	1.21	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.19	1.19	1.15	1.19	(X)	(X)	(X)	(X)

X Not Applicable    <sup>P</sup> Preliminary    <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> 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.

<sup>2</sup> Unfilled orders to shipments ratio excludes semiconductor manufacturing.

**Table 8. Revisions to Previously Published Monthly Percent Changes<sup>3</sup>**

[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Feb <sup>1</sup> 2010	Feb <sup>2</sup> 2009- Jan 2010	Feb <sup>1</sup> 2010	Feb <sup>2</sup> 2009- Jan 2010	Feb <sup>1</sup> 2010	Feb <sup>2</sup> 2009- Jan 2010	Feb <sup>1</sup> 2010	Feb <sup>2</sup> 2009- Jan 2010
	All manufacturing industries.....	(X)	0.3	(X)	0.5	(X)	0.1	(X)
Durable goods industries.....	0.0	0.4	0.4	0.8	0.1	0.1	0.1	0.2
Wood products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.7
Nonmetallic mineral products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.1	0.8	-0.2	1.6	0.0	0.8	0.0	0.3
Fabricated metal products.....	0.3	0.6	1.0	1.0	0.4	0.3	0.0	0.3
Machinery.....	-0.2	0.4	0.4	1.6	-0.1	0.3	0.2	0.3
Computers and electronic products.....	0.1	1.0	0.6	1.1	0.0	0.1	0.1	0.3
Electrical equipment, appliances, and components.....	-0.3	0.5	1.2	1.1	0.6	0.4	0.0	0.4
Transportation equipment.....	-0.1	0.7	0.0	1.1	0.0	0.1	-0.1	0.2
Furniture and related products.....	(X)	0.4	(X)	1.4	(X)	1.0	(X)	0.4
Miscellaneous products.....	(X)	0.5	(X)	0.7	(X)	0.6	(X)	0.2
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.8
Textile products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	1.5	(X)	(NA)	(X)	(NA)	(X)	0.9
Paper products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Printing.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	1.1
Petroleum and coal products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	1.4
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4

X Not Applicable

NA Not Available

<sup>1</sup> The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

<sup>2</sup> 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.

<sup>3</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

## Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,300 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 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 60 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 4,300 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,300 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections will be published in the full report. Corrections received after the full report 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>.

## Benchmark Notice

Revised historical data for Manufacturers' Shipments, Inventories, and Orders will be issued on May 14, 2010. These revisions reflect:

- benchmarking the shipments and inventory data to the 2007 Economic Census and the 2008 Annual Survey of Manufactures (ASM) data;
- adjusting new orders and order backlog to be consistent with the benchmarked shipments and inventory data;
- correcting monthly data for late receipts, reclassifications of reported data, and revisions to previously reported data; and
- updating the seasonal adjustment factors for all series.

As of the Benchmark release, shipments for the semiconductor industry will no longer be shown separately, but will be included in the computers and electronic products, and all other applicable aggregate totals. An accompanying press release will include the revised 2010 January through March data. Please call Chris Savage on (301)763-4832 with any questions.