

U.S. Census Bureau News

U.S. Department of Commerce • Washington, D.C. 20233

FOR IMMEDIATE RELEASE
THURSDAY, MARCH 31, 2011, AT 10:00 A.M. EDT

Chris Savage or Adriana Stoica
Manufacturing and Construction Division
(301) 763-4832

M3-2 (11)-02
CB11-57

Full Report on Manufacturers' Shipments, Inventories and Orders February 2011

Summary

New orders for manufactured goods in February, down following three consecutive monthly increases, decreased \$0.4 billion or 0.1 percent to \$446.0 billion, the U.S. Census Bureau reported today. This followed a 3.3 percent January increase. Excluding transportation, new orders increased 0.1 percent.

Shipments, up six consecutive months, increased \$1.4 billion or 0.3 percent to \$448.3 billion. This followed a 1.7 percent January increase.

Unfilled orders, up ten of the last eleven months, increased \$3.9 billion or 0.5 percent to \$834.8 billion. This followed a 0.8 percent January increase. The unfilled orders-to-shipments ratio was 5.64, up from 5.63 in January.

Inventories, up thirteen of the last fourteen months, increased \$4.6 billion or 0.8 percent to \$565.0 billion. This followed a 1.5 percent January increase. The inventories-to-shipments ratio was 1.26, up from 1.25 in January.

New Orders

New orders for manufactured durable goods in February, down four of the last five months, decreased \$1.3 billion or 0.6 percent to \$200.8 billion, revised from the previously published 0.9 percent decrease. This followed a 3.7 percent January increase.

Transportation equipment, also down four of the last five months, had the largest decrease, \$0.8 billion or 1.5 percent to \$50.4 billion.

New orders for manufactured nondurable goods increased \$0.8 billion or 0.3 percent to \$245.2 billion.

Shipments

Shipments of manufactured durable goods in February, up four consecutive months, increased \$0.6 billion or 0.3 percent to \$203.0 billion, unchanged from the previously published increase. This followed a 0.2 percent January increase.

Transportation equipment, up three consecutive months, had the largest increase, \$0.7 billion or 1.4

percent to \$49.1 billion.

Shipments of manufactured nondurable goods, up seven consecutive months, increased \$0.8 billion or 0.3 percent to \$245.2 billion. This followed a 3.0 percent January increase. Food products, up eight consecutive months, led the increase, up \$0.8 billion or 1.3 percent to \$59.5 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 2.5 percent January increase.

Unfilled Orders

Unfilled orders for manufactured durable goods in February, up ten of the last eleven months, increased \$3.9 billion or 0.5 percent to \$834.8 billion, revised from the previously published 0.4 percent increase. This followed a 0.8 percent January increase.

Machinery, up thirteen consecutive months, had the largest increase, \$1.4 billion or 1.2 percent to \$114.7 billion.

Inventories

Inventories of manufactured durable goods in February, up fourteen consecutive months, increased \$3.2 billion or 1.0 percent to \$328.8 billion, revised from the previously published 0.9 percent increase. This followed a 0.9 percent January increase.

Transportation equipment, also up fourteen consecutive months, had the largest increase, \$0.8 billion or 1.0 percent to \$87.8 billion.

Inventories of manufactured nondurable goods, up six consecutive months, increased \$1.4 billion or 0.6 percent to \$236.3 billion. This followed a 2.3 percent January increase. Petroleum and coal products, also up six consecutive months, led the increase, up \$0.8 billion or 1.5 percent to \$54.1 billion.

By stage of fabrication, February materials and supplies increased 0.6 percent in durable goods and 1.5 percent in nondurable goods. Work in process increased 1.0 percent in durable goods and 1.3 percent in nondurable goods. Finished goods increased 1.3 percent in durable goods and decreased 0.3 percent in nondurable goods.

Figures in text are adjusted for seasonality but not for inflation. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <http://www.census.gov/m3>. The advance report on durable goods for March is scheduled for release on April 27, 2011, at 8:30 a.m. EDT and the full report on May 3, 2011, at 10:00 a.m. EDT. See back page for survey description and benchmark notice.

Table 1. Value of Manufacturers' Shipments for Industry Groups¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Feb. 2011 ^P	Jan. 2011 ^F	Dec. 2010	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2011 ^P	Jan. 2011 ^F	Dec. 2010	Feb. 2010	2011 ^P	2010	Percent 2011/ 2010
All manufacturing industries.....	448,256	446,860	439,364	0.3	1.7	2.7	413,890	408,986	431,950	375,468	822,876	748,770	9.9
Excluding transportation.....	399,155	398,420	391,132	0.2	1.9	2.7	366,866	367,144	380,984	330,596	734,010	659,534	11.3
Excluding defense.....	437,380	436,199	428,113	0.3	1.9	2.8	403,403	400,325	419,552	362,160	803,728	723,476	11.1
With unfilled orders.....	148,126	147,561	148,556	0.4	-0.7	2.8	137,395	131,498	150,019	128,788	268,893	251,626	6.9
Durable goods industries.....	203,019	202,461	202,140	0.3	0.2	2.3	188,316	182,103	202,382	175,485	370,419	347,937	6.5
Wood products.....	6,470	6,513	6,594	-0.7	-1.2	2.2	5,726	5,416	5,880	5,945	11,142	11,429	-2.5
Nonmetallic mineral products.....	8,171	8,279	8,094	-1.3	2.3	0.0	6,963	6,983	6,940	6,701	13,946	13,317	4.7
Primary metals.....	23,323	23,025	22,111	1.3	4.1	5.2	22,236	21,661	18,865	17,667	43,897	34,791	26.2
Iron and steel mills.....	10,998	11,188	10,569	-1.7	5.9	6.7	10,391	10,460	9,055	8,330	20,851	16,183	28.8
Aluminum and nonferrous metals.....	10,918	10,453	10,186	4.4	2.6	3.8	10,533	9,931	8,621	8,317	20,464	16,582	23.4
Ferrous metal foundries.....	1,407	1,384	1,356	1.7	2.1	4.1	1,312	1,270	1,189	1,020	2,582	2,026	27.4
Fabricated metal products.....	27,989	27,994	28,012	0.0	-0.1	1.6	25,699	25,312	25,835	24,660	51,011	48,240	5.7
Machinery.....	25,869	25,288	27,286	2.3	-7.3	7.3	24,179	22,894	28,320	21,912	47,073	42,106	11.8
Farm machinery.....	2,154	1,911	2,154	12.7	-11.3	0.1	2,351	1,686	1,813	2,093	4,037	3,754	7.5
Construction machinery.....	3,152	3,113	2,928	1.3	6.3	4.8	2,799	2,740	3,044	1,725	5,539	3,409	62.5
Mining, oil field, and gas field machinery.....	1,284	1,361	1,381	-5.7	-1.4	2.0	1,233	1,365	1,600	1,438	2,598	2,918	-11.0
Industrial machinery.....	3,182	2,742	3,209	16.0	-14.6	3.6	2,724	2,600	3,978	2,469	5,324	4,650	14.5
Photographic equipment.....	772	810	714	-4.7	13.4	1.6	672	646	816	668	1,318	1,278	3.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,308	2,312	2,381	-0.2	-2.9	0.8	1,811	1,848	2,400	1,971	3,659	4,082	-10.4
Metalworking machinery.....	1,662	1,724	1,874	-3.6	-8.0	5.6	1,482	1,561	2,003	1,557	3,043	3,042	0.0
Turbines, generators, and other power transmission equipment.....	3,260	3,155	4,356	3.3	-27.6	39.3	3,219	3,075	4,441	2,452	6,294	4,718	33.4
Material handling equipment.....	1,743	1,755	1,741	-0.7	0.8	1.8	1,713	1,613	1,784	1,559	3,326	2,930	13.5
Computers and electronic products ²	33,050	33,808	33,172	-2.2	1.9	-1.9	29,113	31,693	36,531	27,995	60,806	58,803	3.4
Computers.....	4,271	4,295	4,286	-0.6	0.2	-7.7	3,595	4,127	4,742	3,320	7,722	6,974	10.7
Computer storage devices.....	704	710	728	-0.8	-2.5	6.4	485	560	1,214	494	1,045	1,030	1.5
Other peripheral equipment.....	1,098	1,054	1,168	4.2	-9.8	3.2	786	677	1,998	667	1,463	1,376	6.3
Nondefense communications equipment.....	2,828	2,903	2,905	-2.6	-0.1	-2.4	2,257	2,234	3,593	2,528	4,491	4,937	-9.0
Defense communications equipment.....	495	512	548	-3.3	-6.6	6.2	480	449	514	498	929	948	-2.0
Audio and video equipment.....	452	439	459	3.0	-4.4	-2.3	373	381	665	334	754	716	5.3
Electronic components.....	3,835	3,870	3,852	-0.9	0.5	-4.2	3,484	3,471	4,193	3,506	6,955	6,864	1.3
Nondefense search and navigation equipment.....	1,072	1,056	1,095	1.5	-3.6	1.5	1,044	906	1,159	1,017	1,950	1,920	1.6
Defense search and navigation equipment.....	2,639	2,663	2,815	-0.9	-5.4	0.6	2,581	2,225	3,045	3,100	4,806	5,757	-16.5
Electromedical, measuring, and control instruments.....	9,078	9,187	9,120	-1.2	0.7	-0.5	8,189	8,080	10,469	7,827	16,269	15,164	7.3
Electrical equipment, appliances, and components.....	9,970	9,939	10,030	0.3	-0.9	1.8	9,142	8,708	9,851	8,456	17,850	16,401	8.8
Electric lighting equipment.....	1,207	1,205	1,185	0.2	1.7	0.3	1,164	1,094	1,251	1,120	2,258	2,168	4.2
Household appliances.....	1,649	1,630	1,606	1.2	1.5	-2.3	1,445	1,292	1,556	1,440	2,737	2,764	-1.0
Electrical equipment.....	3,276	3,238	3,304	1.2	-2.0	1.2	3,046	2,840	3,261	2,699	5,886	5,120	15.0
Batteries.....	745	739	739	0.8	0.0	-1.7	630	618	762	645	1,248	1,266	-1.4
Transportation equipment.....	49,101	48,440	48,232	1.4	0.4	3.2	47,024	41,842	50,966	44,872	88,866	89,236	-0.4
Automobiles.....	5,777	5,684	5,673	1.6	0.2	0.1	5,597	5,284	5,433	5,211	10,881	11,004	-1.1
Light trucks and utility vehicles.....	6,662	6,318	5,978	5.4	5.7	6.3	6,524	5,543	6,489	4,845	12,067	10,156	18.8
Heavy duty trucks.....	1,524	1,483	1,453	2.8	2.1	-0.5	1,551	1,418	1,506	1,618	2,969	3,164	-6.2
Motor vehicle bodies, parts, and trailers.....	17,572	17,499	17,177	0.4	1.9	2.9	17,080	16,124	15,713	15,136	33,204	31,081	6.8
Nondefense aircraft and parts.....	7,132	7,059	7,501	1.0	-5.9	12.6	6,383	5,174	9,940	6,009	11,557	10,959	5.5
Defense aircraft and parts.....	4,538	4,507	4,687	0.7	-3.8	-3.8	4,214	3,482	5,576	5,361	7,696	10,137	-24.1
Ships and boats.....	2,188	2,096	2,138	4.4	-2.0	2.6	2,230	1,850	2,080	2,196	4,080	4,128	-1.2
Furniture and related products.....	5,796	5,803	5,672	-0.1	2.3	-0.1	5,724	5,381	5,548	5,395	11,105	10,351	7.3
Miscellaneous durable goods.....	13,280	13,372	12,937	-0.7	3.4	-0.4	12,510	12,213	13,646	11,882	24,723	23,263	6.3
Nondurable goods industries.....	245,237	244,399	237,224	0.3	3.0	3.1	225,574	226,883	229,568	199,983	452,457	400,833	12.9
Food products.....	59,495	58,731	57,325	1.3	2.5	0.6	57,722	56,232	57,128	52,556	113,954	104,759	8.8
Grain and oilseed milling.....	8,239	8,376	8,005	-1.6	4.6	-0.2	7,965	8,272	7,856	7,657	16,237	15,792	2.8
Dairy products.....	8,195	7,687	7,608	6.6	1.0	-2.1	7,529	7,283	7,748	6,752	14,812	13,739	7.8
Meat, poultry, and seafood products.....	17,009	16,700	16,479	1.9	1.3	0.5	16,926	15,933	16,091	15,030	32,859	29,559	11.2
Beverage and tobacco products.....	10,480	10,324	10,463	1.5	-1.3	-2.4	9,622	9,382	10,199	8,956	19,004	17,996	5.6
Beverages.....	7,764	7,787	7,763	-0.3	0.3	1.0	6,906	6,845	7,499	6,403	13,751	12,691	8.4
Tobacco.....	2,716	2,537	2,700	7.1	-6.0	-11.1	2,716	2,537	2,700	2,553	5,253	5,305	-1.0
Textile mills.....	2,500	2,461	2,394	1.6	2.8	1.8	2,454	2,354	2,143	2,239	4,808	4,405	9.1
Textile products.....	1,920	1,861	1,852	3.2	0.5	-0.4	1,877	1,660	1,628	1,798	3,537	3,511	0.7
Apparel.....	1,320	1,338	1,344	-1.3	-0.4	1.4	1,287	1,165	1,254	1,261	2,452	2,379	3.1
Leather and allied products.....	405	407	415	-0.5	-1.9	2.0	432	330	402	438	762	766	-0.5
Paper products.....	14,385	14,459	14,447	-0.5	0.1	0.8	13,454	14,058	14,168	12,938	27,512	26,161	5.2
Pulp, paper, and paperboard mills.....	6,720	6,769	6,783	-0.7	-0.2	1.1	6,263	6,683	6,673	5,981	12,946	12,262	5.6
Paperboard containers.....	4,124	4,131	4,161	-0.2	-0.7	0.9	3,824	3,966	4,003	3,592	7,790	7,178	8.5
Printing.....	7,353	7,354	7,348	0.0	0.1	0.6	6,674	6,852	7,499	6,394	13,526	12,917	4.7
Petroleum and coal products.....	69,308	69,361	64,305	-0.1	7.9	9.9	59,099	62,395	61,242	44,700	121,494	92,297	31.6
Petroleum refineries.....	65,784	65,911	61,301	-0.2	7.5	10.9	56,262	59,844	58,899	42,127	116,106	87,527	32.7
Chemical products.....	62,170	62,101	61,245	0.1	1.4	1.2	58,395	57,842	59,173	54,683	116,237	107,909	7.7
Pesticides, fertilizers, and other agricultural chemicals.....	4,750	4,593	4,443	3.4	3.4	-0.2	4,715	3,544	3,490	3,601	8,259	6,303	31.0
Pharmaceuticals and medicines.....	15,219	15,198	15,530	0.1	-2.1	-2.1	14,038	14,238	16,028	14,269	28,276	28,756	-1.7
Paints, coatings, and adhesives.....	2,561	2,487	2,485	3.0	0.1	-2.5	2,332	2,087	2,050	2,299	4,419	4,396	0.5
Plastics and rubber products.....	15,901	16,002	16,086	-0.6	-0.5	2.6	14,558	14,613	14,732	14,020	29,171	27,733	5.2

^P Preliminary^F Revised data due to late receipts and concurrent seasonal adjustment.

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

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

² Estimates and percent changes of shipments for the semiconductor industry are no longer shown separately, but are included in computers and electronic products, and all other applicable aggregate totals.

Table 2. Value of Manufacturers' New Orders for Industry Groups¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Feb. 2011 ^P	Jan. 2011 ^r	Dec. 2010	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2011 ^P	Jan. 2011 ^r	Dec. 2010	Feb. 2010	2011 ^P	2010	Percent 2011/2010
All manufacturing industries ²	445,988	446,417	432,016	-0.1	3.3	1.4	413,509	412,703	437,211	375,744	826,212	747,484	10.5
Excluding transportation ²	395,577	395,225	392,532	0.1	0.7	3.0	366,385	367,047	383,454	329,383	733,432	654,036	12.1
Excluding defense ²	435,321	433,222	420,722	0.5	3.0	1.5	402,976	399,489	420,472	362,908	802,465	720,111	11.4
With unfilled orders ²	151,988	153,776	146,931	-1.2	4.7	-1.3	142,463	143,394	159,680	133,380	285,857	262,691	8.8
Durable goods industries ²	200,751	202,018	194,792	-0.6	3.7	-0.6	187,935	185,820	207,643	175,761	373,755	346,651	7.8
Primary metals.....	22,865	23,375	22,707	-2.2	2.9	-2.0	22,157	23,286	19,946	18,602	45,443	37,014	22.8
Iron and steel mills.....	10,357	11,358	11,001	-8.8	3.2	-8.8	10,034	11,767	9,828	9,110	21,801	18,125	20.3
Aluminum and nonferrous metals.....	11,043	10,596	10,330	4.2	2.6	5.3	10,723	10,137	8,910	8,419	20,860	16,726	24.7
Ferrous metal foundries.....	1,465	1,421	1,376	3.1	3.3	6.2	1,400	1,382	1,208	1,073	2,782	2,163	28.6
Fabricated metal products.....	29,042	28,387	28,009	2.3	1.3	0.9	27,497	26,106	25,823	25,631	53,603	49,561	8.2
Machinery.....	27,225	27,772	31,833	-2.0	-12.8	16.3	25,538	27,411	31,462	22,263	52,949	43,610	21.4
Construction machinery.....	3,124	3,562	3,614	-12.3	-1.4	27.9	2,938	3,551	3,636	1,549	6,489	3,254	99.4
Mining, oil field, and gas field machinery.....	1,912	1,562	1,405	22.4	11.2	-7.6	1,877	1,467	1,508	1,288	3,344	2,701	23.8
Industrial machinery.....	3,010	2,234	3,944	34.7	-43.4	30.5	2,529	2,779	4,423	2,296	5,308	5,212	1.8
Photographic equipment.....	750	764	540	-1.8	41.5	-21.7	683	730	499	734	1,413	1,349	4.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,924	3,338	3,599	-12.4	-7.3	29.9	1,841	3,361	3,040	2,019	5,202	4,596	13.2
Metalworking machinery.....	2,071	1,946	2,133	6.4	-8.8	5.0	2,025	1,897	2,194	1,606	3,922	3,182	23.3
Turbines, generators, and other power transmission equipment.....	3,071	3,527	5,636	-12.9	-37.4	39.1	3,054	3,454	5,984	2,373	6,508	4,366	49.1
Material handling equipment.....	1,658	1,955	2,048	-15.2	-4.5	17.0	1,746	1,902	2,127	1,792	3,648	3,148	15.9
Computers and electronic products ²	27,177	27,154	28,643	0.1	-5.2	0.1	24,515	23,665	35,154	23,574	48,180	45,998	4.7
Computers.....	3,947	4,070	4,220	-3.0	-3.6	-15.0	3,271	3,902	4,676	3,232	7,173	6,380	12.4
Nondefense communications equipment.....	2,678	2,664	3,314	0.5	-19.6	8.4	2,407	1,988	4,405	2,813	4,395	5,255	-16.4
Defense communications equipment.....	449	536	643	-16.2	-16.6	28.9	396	547	803	513	943	1,087	-13.2
Electronic components.....	3,759	3,777	3,939	-0.5	-4.1	-4.5	3,576	3,508	4,208	3,880	7,084	7,518	-5.8
Nondefense search and navigation equipment.....	1,235	1,161	994	6.4	16.8	-9.2	1,256	1,098	968	1,017	2,354	1,851	27.2
Defense search and navigation equipment.....	3,196	2,757	3,643	15.9	-24.3	23.1	3,423	2,227	4,846	2,662	5,650	5,054	11.8
Electromedical, measuring, and control instruments.....	9,211	9,525	9,062	-3.3	5.1	-1.5	8,152	8,373	10,832	7,574	16,525	14,965	10.4
Electrical equipment, appliances, and components.....	10,363	10,190	10,742	1.7	-5.1	-0.2	10,068	9,744	9,972	8,933	19,812	17,845	11.0
Electric lighting equipment.....	1,168	1,268	1,216	-7.9	4.3	-1.1	1,145	1,213	1,137	1,016	2,358	2,044	15.4
Household appliances.....	1,694	1,521	1,753	11.4	-13.2	3.1	1,579	1,353	1,574	1,473	2,932	2,969	-1.2
Electrical equipment.....	3,452	3,626	3,896	-4.8	-6.9	1.0	3,435	3,542	3,426	3,022	6,977	5,982	16.6
Transportation equipment.....	50,411	51,192	39,484	-1.5	29.7	-12.0	47,124	45,656	53,757	46,361	92,780	93,448	-0.7
Motor vehicle bodies, parts, and trailers.....	17,601	17,448	17,245	0.9	1.2	2.3	17,202	16,268	16,306	15,050	33,470	31,147	7.5
Nondefense aircraft and parts.....	10,106	7,978	141	26.7	5,558.2	-97.2	8,080	4,979	10,576	8,758	13,059	13,662	-4.4
Defense aircraft and parts.....	4,408	5,334	4,487	-17.4	18.9	-11.0	4,106	5,471	6,542	5,136	9,577	11,734	-18.4
Ships and boats.....	936	3,707	1,571	-74.8	136.0	-27.1	1,241	4,113	1,937	2,631	5,354	4,971	7.7
Furniture and related products.....	5,831	5,778	5,709	0.9	1.2	-2.4	5,921	5,334	5,023	5,649	11,255	10,703	5.2
Nondurable goods industries.....	245,237	244,399	237,224	0.3	3.0	3.1	225,574	226,883	229,568	199,983	452,457	400,833	12.9

^P Preliminary^r Revised data due to late receipts and concurrent seasonal adjustment.

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

² Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations see <<http://www.census.gov/manufacturing/m3/>>.

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Feb. 11/10
	Feb. 2011 ^p	Jan. 2011 ^r	Dec. 2010	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2011 ^p	Jan. 2011 ^r	Dec. 2010	Feb. 2010	
All manufacturing industries ²	834,835	830,973	824,758	0.5	0.8	-0.2	841,449	836,381	824,485	803,751	4.7
Excluding transportation ²	357,317	354,765	351,302	0.7	1.0	2.1	359,137	354,169	346,087	316,582	13.4
Excluding defense ²	678,636	674,565	670,884	0.6	0.5	-0.2	683,203	678,181	670,838	648,120	5.4
Durable goods industries ²	834,835	830,973	824,758	0.5	0.8	-0.2	841,449	836,381	824,485	803,751	4.7
Primary metals.....	21,690	22,148	21,798	-2.1	1.6	2.8	22,512	22,591	20,966	18,594	21.1
Iron and steel mills.....	12,743	13,384	13,214	-4.8	1.3	3.4	13,351	13,708	12,401	10,711	24.6
Aluminum and nonferrous metals.....	6,713	6,588	6,445	1.9	2.2	2.3	6,849	6,659	6,453	5,903	16.0
Ferrous metal foundries.....	2,234	2,176	2,139	2.7	1.7	0.9	2,312	2,224	2,112	1,980	16.8
Fabricated metal products.....	55,430	54,377	53,984	1.9	0.7	0.0	55,225	53,427	52,633	53,395	3.4
Machinery.....	114,707	113,351	110,867	1.2	2.2	4.3	115,013	113,654	109,137	88,670	29.7
Construction machinery.....	12,030	12,058	11,609	-0.2	3.9	6.3	12,411	12,272	11,461	9,261	34.0
Mining, oil field, and gas field machinery.....	8,654	8,026	7,825	7.8	2.6	0.3	8,651	8,007	7,905	5,847	48.0
Industrial machinery.....	13,858	14,030	14,538	-1.2	-3.5	5.3	14,140	14,335	14,156	11,553	22.4
Photographic equipment.....	2,141	2,163	2,209	-1.0	-2.1	-7.3	2,156	2,145	2,061	2,506	-14.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	25,339	24,723	23,697	2.5	4.3	5.4	24,529	24,499	22,986	18,822	30.3
Metalworking machinery.....	7,334	6,925	6,703	5.9	3.3	4.0	7,480	6,937	6,601	6,503	15.0
Turbines, generators, and other power transmission equipment.....	19,608	19,797	19,425	-1.0	1.9	7.1	19,728	19,893	19,514	12,461	58.3
Material handling equipment.....	8,381	8,466	8,266	-1.0	2.4	3.9	8,505	8,472	8,183	7,117	19.5
Computers and electronic products ²	124,750	124,493	124,489	0.2	0.0	1.0	125,713	124,862	124,711	121,055	3.8
Computers.....	5,030	5,354	5,579	-6.1	-4.0	-1.2	5,030	5,354	5,579	4,777	5.3
Nondefense communications equipment.....	22,156	22,306	22,545	-0.7	-1.1	1.8	22,507	22,357	22,603	23,097	-2.6
Defense communications equipment.....	6,239	6,285	6,261	-0.7	0.4	1.5	6,190	6,274	6,176	6,134	0.9
Electronic components.....	11,558	11,634	11,727	-0.7	-0.8	0.7	11,671	11,579	11,542	11,347	2.9
Nondefense search and navigation equipment.....	8,278	8,115	8,010	2.0	1.3	-1.2	8,336	8,124	7,932	8,305	0.4
Defense search and navigation equipment.....	41,434	40,877	40,783	1.4	0.2	2.1	41,838	40,996	40,994	38,883	7.6
Electromedical, measuring, and control instruments.....	30,055	29,922	29,584	0.4	1.1	-0.2	30,141	30,178	29,885	28,512	5.7
Electrical equipment, appliances, and components.....	27,796	27,403	27,152	1.4	0.9	2.7	28,115	27,189	26,153	22,545	24.7
Electric lighting equipment.....	2,491	2,530	2,467	-1.5	2.6	1.3	2,378	2,397	2,278	2,001	18.8
Household appliances.....	615	570	679	7.9	-16.1	27.6	741	607	546	595	24.5
Electrical equipment.....	17,706	17,530	17,142	1.0	2.3	3.6	17,784	17,395	16,693	14,422	23.3
Transportation equipment.....	477,518	476,208	473,456	0.3	0.6	-1.8	482,312	482,212	478,398	487,169	-1.0
Motor vehicle bodies, parts, and trailers.....	14,200	14,171	14,222	0.2	-0.4	0.5	14,718	14,596	14,452	14,714	0.0
Nondefense aircraft and parts.....	328,459	325,485	324,566	0.9	0.3	-2.2	330,984	329,287	329,482	326,268	1.4
Defense aircraft and parts.....	49,370	49,500	48,673	-0.3	1.7	-0.4	50,236	50,344	48,355	49,345	1.8
Ships and boats.....	14,191	15,443	13,832	-8.1	11.6	-3.9	14,857	15,846	13,583	19,221	-22.7
Furniture and related products.....	6,765	6,730	6,755	0.5	-0.4	0.6	6,380	6,183	6,230	6,242	2.2

^p Preliminary ^r Revised data due to late receipts and concurrent seasonal adjustment.

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

² Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data. See note at end of Table 2 relating to survey error and revision.

Table 4. Value of Manufacturers' Inventories for Industry Groups¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Feb. 11/10
	Feb. 2011 ^P	Jan. 2011 ^r	Dec. 2010	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2011 ^P	Jan. 2011 ^r	Dec. 2010	Feb. 2010	
All manufacturing industries.....	565,038	560,437	552,135	0.8	1.5	1.4	568,673	557,895	537,728	517,249	9.9
Excluding transportation.....	477,203	473,435	465,825	0.8	1.6	1.3	480,130	471,198	454,425	439,133	9.3
Excluding defense.....	542,038	537,511	529,239	0.8	1.6	1.5	545,529	534,937	514,969	493,534	10.5
With unfilled orders.....	267,844	265,374	262,882	0.9	0.9	0.8	270,182	265,273	256,477	243,262	11.1
Durable goods industries.....	328,756	325,599	322,550	1.0	0.9	0.8	332,316	325,583	314,686	300,856	10.5
Wood products.....	9,015	8,910	8,821	1.2	1.0	0.6	9,240	9,018	8,729	8,994	2.7
Nonmetallic mineral products.....	11,403	11,348	11,286	0.5	0.5	-0.5	11,675	11,352	11,007	11,476	1.7
Primary metals.....	33,415	32,721	31,950	2.1	2.4	1.4	33,200	32,514	31,553	27,930	18.9
Iron and steel mills.....	19,828	19,378	18,789	2.3	3.1	0.6	19,587	19,212	18,496	15,916	23.1
Aluminum and nonferrous metals.....	11,718	11,510	11,334	1.8	1.6	2.9	11,671	11,450	11,239	10,208	14.3
Ferrous metal foundries.....	1,869	1,833	1,827	2.0	0.3	0.1	1,942	1,852	1,818	1,806	7.5
Fabricated metal products.....	43,208	42,999	42,543	0.5	1.1	0.4	43,641	43,087	41,793	40,539	7.7
Machinery.....	54,257	53,636	52,958	1.2	1.3	0.0	55,450	53,889	51,642	50,357	10.1
Farm machinery.....	2,865	2,839	2,722	0.9	4.3	1.3	3,150	2,985	2,698	2,516	25.2
Construction machinery.....	5,718	5,615	5,709	1.8	-1.6	3.3	5,841	5,569	5,566	4,803	21.6
Mining, oil field, and gas field machinery.....	6,145	5,987	5,950	2.6	0.6	-1.6	6,164	5,941	5,716	5,653	9.0
Industrial machinery.....	7,051	7,008	6,986	0.6	0.3	-0.5	7,126	6,866	6,784	6,487	9.9
Photographic equipment.....	1,668	1,664	1,597	0.2	4.2	0.9	1,696	1,691	1,544	1,535	10.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,394	3,357	3,374	1.1	-0.5	-1.0	3,424	3,297	3,124	3,392	0.9
Metalworking machinery.....	4,079	4,054	4,019	0.6	0.9	0.3	4,096	4,003	3,916	3,877	5.6
Turbines, generators, and other power transmission equipment.....	7,003	6,854	6,483	2.2	5.7	-0.4	7,237	6,972	6,320	6,145	17.8
Material handling equipment.....	3,082	3,080	3,099	0.1	-0.6	-1.5	3,134	3,129	3,059	2,978	5.2
Computers and electronic products ²	46,460	46,126	46,046	0.7	0.2	0.1	47,185	46,228	45,087	43,718	7.9
Computers.....	2,002	2,037	1,987	-1.7	2.5	-5.1	2,036	1,926	1,915	2,153	-5.4
Computer storage devices.....	1,079	1,079	1,059	0.0	1.9	0.3	1,101	1,049	970	1,019	8.0
Other peripheral equipment.....	1,439	1,428	1,415	0.8	0.9	-0.2	1,459	1,378	1,310	1,455	0.3
Nondefense communications equipment.....	5,897	5,769	6,003	2.2	-3.9	-2.5	6,132	5,908	6,046	6,054	1.3
Defense communications equipment.....	2,168	2,152	2,220	0.7	-3.1	0.0	2,168	2,152	2,220	1,961	10.6
Audio and video equipment.....	364	356	351	2.2	1.4	-3.3	344	350	347	359	-4.2
Electronic components.....	8,163	8,098	7,957	0.8	1.8	0.9	8,229	8,235	7,707	6,801	21.0
Nondefense search and navigation equipment.....	3,912	3,882	3,827	0.8	1.4	-0.3	3,895	3,859	3,734	3,711	5.0
Defense search and navigation equipment.....	3,407	3,407	3,334	0.0	2.2	-3.1	3,449	3,392	3,251	3,693	-6.6
Electromedical, measuring and control instruments.....	12,270	12,282	12,198	-0.1	0.7	0.7	12,525	12,361	11,882	11,599	8.0
Electrical equipment, appliances, and components.....	14,994	14,819	14,779	1.2	0.3	-0.7	15,177	14,807	14,313	13,741	10.5
Electric lighting equipment.....	1,619	1,642	1,639	-1.4	0.2	-1.6	1,621	1,635	1,562	1,537	5.5
Household appliances.....	2,693	2,721	2,731	-1.0	-0.4	1.0	2,713	2,692	2,447	2,217	22.4
Electrical equipment.....	4,679	4,538	4,620	3.1	-1.8	-3.8	4,843	4,636	4,726	4,400	10.1
Batteries.....	1,045	1,018	998	2.7	2.0	0.2	1,019	979	915	922	10.5
Transportation equipment.....	87,835	87,002	86,310	1.0	0.8	1.9	88,543	86,697	83,303	78,116	13.3
Automobiles.....	1,853	1,704	1,840	8.7	-7.4	-1.9	1,983	1,835	1,749	1,643	20.7
Light trucks and utility vehicles.....	2,261	2,210	1,969	2.3	12.2	-5.6	2,264	2,014	1,715	1,692	33.8
Heavy duty trucks.....	1,325	1,325	1,303	0.0	1.7	-2.3	1,335	1,324	1,273	1,394	-4.2
Motor vehicle bodies, parts, and trailers.....	16,733	16,665	16,603	0.4	0.4	0.9	17,106	16,944	16,294	15,405	11.0
Nondefense aircraft and parts.....	42,992	42,571	41,965	1.0	1.4	4.4	43,021	42,071	40,042	34,477	24.8
Defense aircraft and parts.....	11,985	12,006	12,007	-0.2	0.0	-1.2	11,950	11,937	11,897	12,310	-2.9
Ships and boats.....	3,932	3,786	3,773	3.9	0.3	1.8	4,070	3,837	3,782	3,374	20.6
Furniture and related products.....	6,637	6,622	6,568	0.2	0.8	1.0	6,591	6,620	6,395	5,945	10.9
Miscellaneous durable goods.....	21,532	21,416	21,289	0.5	0.6	1.7	21,614	21,371	20,864	20,040	7.9
Nondurable goods industries.....	236,282	234,838	229,585	0.6	2.3	2.2	236,357	232,312	223,042	216,393	9.2
Food products.....	43,002	42,910	42,356	0.2	1.3	0.5	43,023	43,072	42,375	40,465	6.3
Grain and oilseed milling.....	5,774	5,970	5,783	-3.3	3.2	3.3	5,884	6,215	5,873	5,497	7.0
Dairy products.....	5,583	5,466	5,397	2.1	1.3	-3.4	5,543	5,324	4,989	5,230	6.0
Meat, poultry, and seafood products.....	8,907	8,890	8,662	0.2	2.6	1.3	8,925	8,842	8,573	7,797	14.5
Beverage and tobacco products.....	15,866	15,857	15,749	0.1	0.7	0.8	16,215	16,153	15,699	16,123	0.6
Beverages.....	12,257	12,242	12,154	0.1	0.7	1.0	12,431	12,351	12,006	12,208	1.8
Tobacco.....	3,609	3,615	3,595	-0.2	0.6	0.2	3,784	3,802	3,693	3,915	-3.3
Textile mills.....	3,345	3,351	3,285	-0.2	2.0	2.0	3,392	3,399	3,284	3,026	12.1
Textile products.....	3,177	3,144	3,055	1.0	2.9	0.6	3,185	3,171	2,970	2,810	13.3
Apparel.....	2,926	2,870	2,816	2.0	1.9	0.9	2,879	2,859	2,681	2,356	22.2
Leather and allied products.....	977	965	949	1.2	1.7	1.2	981	995	919	858	14.3
Paper products.....	14,352	14,323	14,303	0.2	0.1	0.7	14,508	14,364	14,283	14,023	3.5
Pulp, paper, and paperboard mills.....	5,896	5,888	5,857	0.1	0.5	1.1	5,993	5,937	5,918	5,956	0.6
Paperboard containers.....	4,107	4,058	4,037	1.2	0.5	-0.1	4,165	4,091	4,027	3,756	10.9
Printing.....	5,617	5,653	5,590	-0.6	1.1	1.8	5,606	5,514	5,326	5,380	4.2
Petroleum and coal products.....	54,058	53,240	50,851	1.5	4.7	6.0	52,447	50,361	47,052	43,463	20.7
Petroleum refineries.....	51,116	50,317	48,001	1.6	4.8	6.1	49,498	47,466	44,329	40,951	20.9
Chemical products.....	72,925	72,634	71,051	0.4	2.2	2.1	73,786	72,477	69,289	68,922	7.1
Pesticides, fertilizers, and other agricultural chemicals.....	4,414	4,339	4,070	1.7	6.6	6.1	5,081	4,780	4,134	4,815	5.5
Pharmaceuticals and medicines.....	24,858	24,758	24,821	0.4	-0.3	4.3	24,790	24,374	23,827	24,733	0.2
Paints, coatings, and adhesives.....	3,482	3,486	3,470	-0.1	0.5	1.1	3,604	3,490	3,287	3,238	11.3
Plastics and rubber products.....	20,037	19,891	19,580	0.7	1.6	0.0	20,335	19,947	19,164	18,967	7.2

^P Preliminary^r Revised data due to late receipts and concurrent seasonal adjustment.

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

² Estimates of inventories for the semiconductor industry data are included in computers and electronic products and all other applicable aggregates totals, but are not shown separately.

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

Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series^{1, 2}

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2011/ 2010
	Feb. 2011 ^p	Jan. 2011 ^r	Dec. 2010	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2011 ^p	Jan. 2011 ^r	Dec. 2010	Feb. 2010	2011 ^p	2010	
SHIPMENTS													
All manufacturing industries.....	448,256	446,860	439,364	0.3	1.7	2.7	413,890	408,986	431,950	375,468	822,876	748,770	9.9
Construction materials and supplies.....	40,789	40,829	40,224	-0.1	1.5	0.0	35,843	34,783	35,872	35,080	70,626	68,572	3.0
Information technology.....	26,950	27,217	27,507	-1.0	-1.1	-0.4	23,709	23,553	31,775	23,393	47,262	45,949	2.9
Computers and related products.....	6,073	6,059	6,182	0.2	-2.0	-4.3	4,866	5,364	7,954	4,481	10,230	9,380	9.1
Motor vehicle and parts.....	31,535	30,984	30,281	1.8	2.3	2.8	30,752	28,369	29,141	26,810	59,121	55,405	6.7
Capital goods.....	74,358	73,573	76,501	1.1	-3.8	3.4	68,492	64,314	84,417	66,710	132,806	128,829	3.1
Nondefense capital goods ³	65,889	65,331	67,550	0.9	-3.3	3.5	60,122	57,515	74,923	55,654	117,637	107,920	9.0
Excluding aircraft.....	61,815	61,486	63,074	0.5	-2.5	2.4	56,567	55,233	68,396	52,247	111,800	101,983	9.6
Defense capital goods ⁴	8,469	8,242	8,951	2.8	-7.9	2.4	8,370	6,799	9,494	11,056	15,169	20,909	-27.5
Consumer goods.....	191,719	190,461	184,356	0.7	3.3	3.6	176,927	176,570	181,868	154,165	353,497	311,194	13.6
Consumer durable goods.....	25,526	24,990	24,524	2.1	1.9	2.3	24,815	22,291	24,948	22,313	47,106	44,354	6.2
Consumer nondurable goods.....	166,193	165,471	159,832	0.4	3.5	3.8	152,112	154,279	156,920	131,852	306,391	266,840	14.8
NEW ORDERS													
All manufacturing industries ⁵	445,988	446,417	432,016	-0.1	3.3	1.4	413,509	412,703	437,211	375,744	826,212	747,484	10.5
Construction materials and supplies.....	41,760	42,422	41,617	-1.6	1.9	2.5	36,494	37,010	36,588	35,280	73,504	69,215	6.2
Information technology.....	27,472	27,177	28,382	1.1	-4.2	-0.1	24,901	23,905	34,518	23,205	48,806	45,413	7.5
Computers and related products.....	5,749	5,834	6,116	-1.5	-4.6	-9.8	4,542	5,139	7,888	4,393	9,681	8,786	10.2
Motor vehicle and parts.....	31,564	30,933	30,349	2.0	1.9	2.5	30,874	28,513	29,734	26,724	59,387	55,471	7.1
Capital goods.....	77,969	78,563	71,518	-0.8	9.9	-3.8	72,266	71,534	90,037	70,125	143,800	134,601	6.8
Nondefense capital goods ³	69,556	67,454	63,220	3.1	6.7	-3.7	63,734	60,355	77,214	59,468	124,089	112,637	10.2
Excluding aircraft.....	62,413	62,850	66,776	-0.7	-5.9	4.0	58,707	58,769	71,274	53,321	117,476	103,960	13.0
Defense capital goods ⁴	8,413	11,109	8,298	-24.3	33.9	-4.8	8,532	11,179	12,823	10,657	19,711	21,964	-10.3
Consumer goods.....	191,708	190,303	184,538	0.7	3.1	3.6	177,117	176,663	181,808	154,559	353,780	312,177	13.3
Consumer durable goods.....	25,515	24,832	24,706	2.8	0.5	1.9	25,005	22,384	24,888	22,707	47,389	45,337	4.5
Consumer nondurable goods.....	166,193	165,471	159,832	0.4	3.5	3.8	152,112	154,279	156,920	131,852	306,391	266,840	14.8
UNFILLED ORDERS													
All manufacturing industries ⁵	834,835	830,973	824,758	0.5	0.8	-0.2	841,449	836,381	824,485	803,751	(X)	(X)	4.7
Construction materials and supplies.....	59,124	58,153	56,560	1.7	2.8	2.5	57,947	57,296	55,069	50,888	(X)	(X)	13.9
Information technology.....	122,317	121,795	121,835	0.4	0.0	0.7	123,410	122,218	121,866	117,741	(X)	(X)	4.8
Computers and related products.....	5,030	5,354	5,579	-6.1	-4.0	-1.2	5,030	5,354	5,579	4,777	(X)	(X)	5.3
Motor vehicle and parts.....	14,200	14,171	14,222	0.2	-0.4	0.5	14,718	14,596	14,452	14,714	(X)	(X)	0.0
Capital goods.....	647,559	643,948	638,958	0.6	0.8	-0.8	652,844	649,070	641,850	626,224	(X)	(X)	4.3
Nondefense capital goods ³	506,053	502,386	500,263	0.7	0.4	-0.9	509,626	506,014	503,174	484,886	(X)	(X)	5.1
Excluding aircraft.....	209,778	209,180	207,816	0.3	0.7	1.8	211,314	209,174	205,638	188,839	(X)	(X)	11.9
Defense capital goods ⁴	141,506	141,562	138,695	0.0	2.1	-0.5	143,218	143,056	138,676	141,338	(X)	(X)	1.3
Consumer goods.....	8,810	8,821	8,979	-0.1	-1.8	2.1	8,998	8,808	8,715	9,000	(X)	(X)	0.0
Consumer durable goods.....	8,810	8,821	8,979	-0.1	-1.8	2.1	8,998	8,808	8,715	9,000	(X)	(X)	0.0
TOTAL INVENTORIES													
All manufacturing industries.....	565,038	560,437	552,135	0.8	1.5	1.4	568,673	557,895	537,728	517,249	(X)	(X)	9.9
Construction materials and supplies.....	55,958	55,592	55,229	0.7	0.7	0.2	56,814	55,687	53,807	54,183	(X)	(X)	4.9
Information technology.....	39,507	39,310	39,140	0.5	0.4	-0.5	40,119	39,278	38,234	38,517	(X)	(X)	4.2
Computers and related products.....	4,520	4,544	4,461	-0.5	1.9	-2.3	4,596	4,353	4,195	4,627	(X)	(X)	-0.7
Motor vehicle and parts.....	22,172	21,904	21,715	1.2	0.9	-0.2	22,688	22,117	21,031	20,134	(X)	(X)	12.7
Capital goods.....	157,529	156,126	154,526	0.9	1.0	0.7	159,467	155,697	150,379	144,104	(X)	(X)	10.7
Nondefense capital goods ³	139,958	138,621	137,058	1.0	1.1	1.0	141,717	138,091	132,938	125,756	(X)	(X)	12.7
Excluding aircraft.....	105,518	104,519	103,715	1.0	0.8	-0.1	107,272	104,452	101,252	99,414	(X)	(X)	7.9
Defense capital goods ⁴	17,571	17,505	17,468	0.4	0.2	-1.3	17,750	17,606	17,441	18,348	(X)	(X)	-3.3
Consumer goods.....	177,729	176,402	173,088	0.8	1.9	2.6	176,954	173,984	167,314	161,518	(X)	(X)	9.6
Consumer durable goods.....	24,207	24,006	23,811	0.8	0.8	0.2	24,633	24,274	22,961	21,710	(X)	(X)	13.5
Consumer nondurable goods.....	153,522	152,396	149,277	0.7	2.1	3.0	152,321	149,710	144,353	139,808	(X)	(X)	9.0

X Not Applicable ^p Preliminary ^f Revised data due to late receipts and concurrent seasonal adjustment.

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

² Topical series are regroupings of the separate industry categories.

³ Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

⁴ Defense capital goods industries include: small arms and ordnance; communications equipment; aircraft; missiles, space vehicles, and parts; ships and boats; and search and navigation equipment.

⁵ Estimates and percent changes exclude semiconductor industry data.

⁶ Based on year-to-date for shipments and new orders, but on same month prior year for unfilled orders and inventories.

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

Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Feb. 11/10
	Feb. 2011 ^P	Jan. 2011 ^r	Dec. 2010	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2011 ^P	Jan. 2011 ^r	Dec. 2010	Feb. 2010	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	189,710	187,844	184,926	1.0	1.6	1.6	190,783	188,136	183,378	175,758	8.5
Durable goods industries.....	110,341	109,631	108,664	0.6	0.9	0.9	111,179	110,111	108,367	103,142	7.8
Wood products.....	3,262	3,198	3,221	2.0	-0.7	0.6	3,348	3,322	3,393	3,252	3.0
Nonmetallic mineral products.....	4,617	4,590	4,438	0.6	3.4	-0.7	4,647	4,573	4,399	4,555	2.0
Primary metals.....	12,914	12,719	12,515	1.5	1.6	1.8	12,658	12,661	12,667	10,724	18.0
Fabricated metal products.....	16,250	16,170	15,946	0.5	1.4	2.3	16,346	16,324	16,107	14,806	10.4
Machinery.....	21,446	21,169	20,723	1.3	2.2	0.9	21,593	21,329	20,312	19,237	12.2
Computers and electronic products.....	15,986	15,907	15,713	0.5	1.2	0.4	16,155	15,988	15,643	14,454	11.8
Electrical equipment, appliances, and components.....	5,621	5,572	5,658	0.9	-1.5	-1.8	5,675	5,579	5,605	5,361	5.9
Transportation equipment.....	19,978	20,091	20,233	-0.6	-0.7	0.5	20,459	20,072	20,132	21,136	-3.2
Furniture and related products.....	3,214	3,225	3,192	-0.3	1.0	0.8	3,223	3,238	3,162	2,925	10.2
Miscellaneous products.....	7,053	6,990	7,025	0.9	-0.5	2.2	7,075	7,025	6,947	6,692	5.7
Nondurable goods industries.....	79,369	78,213	76,262	1.5	2.6	2.5	79,604	78,025	75,011	72,616	9.6
Food products.....	14,557	14,472	14,629	0.6	-1.1	1.3	14,656	14,928	14,816	14,296	2.5
Beverage and tobacco products.....	4,195	4,175	4,175	0.5	0.0	0.6	4,324	4,344	4,288	4,410	-2.0
Textiles.....	1,245	1,245	1,206	0.0	3.2	2.6	1,253	1,252	1,205	1,094	14.5
Textile products.....	1,311	1,285	1,241	2.0	3.5	0.2	1,295	1,280	1,220	1,110	16.7
Apparel.....	847	816	786	3.8	3.8	3.3	841	817	792	596	41.1
Leather and allied products.....	362	357	355	1.4	0.6	0.0	361	361	350	318	13.5
Paper products.....	7,039	7,033	6,991	0.1	0.6	0.8	7,074	7,076	7,049	6,769	4.5
Printing.....	2,470	2,491	2,455	-0.8	1.5	1.4	2,454	2,443	2,407	2,273	8.0
Petroleum and coal products.....	15,241	14,786	13,527	3.1	9.3	7.6	14,788	13,859	12,495	12,013	23.1
Chemical products.....	23,459	23,051	22,609	1.8	2.0	2.1	23,842	23,112	22,160	21,972	8.5
Plastics and rubber products.....	8,643	8,502	8,288	1.7	2.6	1.3	8,716	8,553	8,229	7,765	12.2
WORK IN PROCESS											
All manufacturing industries.....	173,185	171,307	169,346	1.1	1.2	2.5	174,324	170,447	164,373	154,752	12.6
Durable goods industries.....	122,902	121,652	120,583	1.0	0.9	1.8	123,871	121,466	116,669	109,208	13.4
Wood products.....	1,738	1,716	1,700	1.3	0.9	0.8	1,723	1,689	1,659	1,607	7.2
Nonmetallic mineral products.....	1,313	1,338	1,359	-1.9	-1.5	-1.2	1,374	1,323	1,270	1,383	-0.7
Primary metals.....	9,707	9,489	9,238	2.3	2.7	1.7	9,626	9,351	8,720	8,268	16.4
Fabricated metal products.....	12,024	11,955	11,726	0.6	2.0	-0.6	12,084	11,939	11,362	11,221	7.7
Machinery.....	14,581	14,467	14,387	0.8	0.6	-0.5	14,856	14,309	13,817	14,122	5.2
Computers and electronic products.....	19,966	19,842	20,187	0.6	-1.7	-0.4	20,351	19,897	19,695	19,670	3.5
Electrical equipment, appliances, and components.....	3,449	3,420	3,333	0.8	2.6	1.1	3,509	3,426	3,177	3,067	14.4
Transportation equipment.....	55,651	54,982	54,240	1.2	1.4	4.1	55,864	55,144	52,722	45,851	21.8
Furniture and related products.....	1,062	1,035	1,022	2.6	1.3	0.4	1,065	1,039	1,012	974	9.3
Miscellaneous products.....	3,411	3,408	3,391	0.1	0.5	1.8	3,419	3,349	3,235	3,045	12.3
Nondurable goods industries.....	50,283	49,655	48,763	1.3	1.8	4.1	50,453	48,981	47,704	45,544	10.8
Food products.....	3,913	3,768	3,829	3.8	-1.6	0.7	4,051	4,037	4,414	3,743	8.2
Beverage and tobacco products.....	5,766	5,779	5,762	-0.2	0.3	1.0	5,975	6,062	6,099	5,995	-0.3
Textiles.....	721	715	705	0.8	1.4	0.3	724	724	685	654	10.7
Textile products.....	546	547	520	-0.2	5.2	4.0	553	551	497	487	13.6
Apparel.....	376	358	346	5.0	3.5	-0.9	365	350	321	322	13.4
Leather and allied products.....	79	77	79	2.6	-2.5	-2.5	83	83	81	77	7.8
Paper products.....	1,410	1,398	1,361	0.9	2.7	-0.2	1,419	1,407	1,368	1,352	5.0
Printing.....	1,264	1,301	1,304	-2.8	-0.2	0.6	1,296	1,281	1,186	1,441	-10.1
Petroleum and coal products.....	17,807	17,132	16,571	3.9	3.4	7.7	17,594	15,970	15,396	13,209	33.2
Chemical products.....	16,036	16,193	16,000	-1.0	1.2	4.2	15,963	16,094	15,429	16,096	-0.8
Plastics and rubber products.....	2,365	2,387	2,286	-0.9	4.4	-0.7	2,430	2,422	2,228	2,168	12.1
FINISHED GOODS											
All manufacturing industries.....	202,143	201,286	197,863	0.4	1.7	0.3	203,566	199,312	189,977	186,739	9.0
Durable goods industries.....	95,513	94,316	93,303	1.3	1.1	-0.6	97,266	94,006	89,650	88,506	9.9
Wood products.....	4,015	3,996	3,900	0.5	2.5	0.5	4,169	4,007	3,677	4,135	0.8
Nonmetallic mineral products.....	5,473	5,420	5,489	1.0	-1.3	-0.2	5,654	5,456	5,338	5,538	2.1
Primary metals.....	10,794	10,513	10,197	2.7	3.1	0.6	10,916	10,502	10,166	8,938	22.1
Fabricated metal products.....	14,934	14,874	14,871	0.4	0.0	-0.9	15,211	14,824	14,324	14,512	4.8
Machinery.....	18,230	18,000	17,848	1.3	0.9	-0.7	19,001	18,251	17,513	16,998	11.8
Computers and electronic products.....	10,508	10,377	10,146	1.3	2.3	0.6	10,679	10,343	9,749	9,594	11.3
Electrical equipment, appliances, and components.....	5,924	5,827	5,788	1.7	0.7	-0.7	5,993	5,802	5,531	5,313	12.8
Transportation equipment.....	12,206	11,929	11,837	2.3	0.8	-4.8	12,220	11,481	10,449	11,129	9.8
Furniture and related products.....	2,361	2,362	2,354	0.0	0.3	1.6	2,303	2,343	2,221	2,046	12.6
Miscellaneous products.....	11,068	11,018	10,873	0.5	1.3	1.4	11,120	10,997	10,682	10,303	7.9
Nondurable goods industries.....	106,630	106,970	104,560	-0.3	2.3	1.1	106,300	105,306	100,327	98,233	8.2
Food products.....	24,532	24,670	23,898	-0.6	3.2	0.0	24,316	24,107	23,145	22,426	8.4
Beverage and tobacco products.....	5,905	5,903	5,812	0.0	1.6	0.8	5,916	5,747	5,312	5,718	3.5
Textiles.....	1,379	1,391	1,374	-0.9	1.2	2.3	1,415	1,423	1,394	1,278	10.7
Textile products.....	1,320	1,312	1,294	0.6	1.4	-0.4	1,337	1,340	1,253	1,213	10.2
Apparel.....	1,703	1,696	1,684	0.4	0.7	0.2	1,673	1,692	1,568	1,438	16.3
Leather and allied products.....	536	531	515	0.9	3.1	2.6	537	551	488	463	16.0
Paper products.....	5,903	5,892	5,951	0.2	-1.0	0.7	6,015	5,881	5,866	5,902	1.9
Printing.....	1,883	1,861	1,831	1.2	1.6	3.2	1,856	1,790	1,733	1,666	11.4
Petroleum and coal products.....	21,010	21,322	20,753	-1.5	2.7	3.7	20,065	20,532	19,161	18,241	10.0
Chemical products.....	33,430	33,390	32,442	0.1	2.9	1.0	33,981	33,271	31,700	30,854	10.1
Plastics and rubber products.....	9,029	9,002	9,006	0.3	0.0	-1.0	9,189	8,972	8,707	9,034	1.7

^P Preliminary^r Revised data due to late receipts and concurrent seasonal adjustment.

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

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

Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group³

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Feb 2011 ^P	Jan 2011 ^r	Dec 2010	Nov 2010	Feb 2011 ^P	Jan 2011 ^r	Dec 2010	Nov 2010
All manufacturing industries ²	1.26	1.25	1.26	1.27	(X)	(X)	(X)	(X)
Durable goods industries ²	1.62	1.61	1.60	1.62	5.64	5.63	5.55	5.72
Wood products.....	1.39	1.37	1.34	1.36	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.40	1.37	1.39	1.40	(X)	(X)	(X)	(X)
Primary metals.....	1.43	1.42	1.44	1.50	0.93	0.96	0.99	1.01
Fabricated metal products.....	1.54	1.54	1.52	1.54	2.04	2.01	1.99	2.02
Machinery.....	2.10	2.12	1.94	2.08	4.98	5.00	4.54	4.70
Computers and electronic products ²	1.41	1.36	1.39	1.36	5.15	5.08	5.06	4.89
Electrical equipment, appliances, and components.....	1.50	1.49	1.47	1.51	3.01	2.98	2.92	2.90
Transportation equipment.....	1.79	1.80	1.79	1.81	13.59	13.62	13.48	14.19
Furniture and related products.....	1.15	1.14	1.16	1.14	1.34	1.33	1.37	1.36
Miscellaneous products.....	1.62	1.60	1.65	1.61	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.96	0.96	0.97	0.98	(X)	(X)	(X)	(X)
Food products.....	0.72	0.73	0.74	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.51	1.54	1.51	1.46	(X)	(X)	(X)	(X)
Textiles.....	1.34	1.36	1.37	1.37	(X)	(X)	(X)	(X)
Textile products.....	1.65	1.69	1.65	1.63	(X)	(X)	(X)	(X)
Apparel.....	2.22	2.14	2.10	2.10	(X)	(X)	(X)	(X)
Leather and allied products.....	2.41	2.37	2.29	2.30	(X)	(X)	(X)	(X)
Paper products.....	1.00	0.99	0.99	0.99	(X)	(X)	(X)	(X)
Printing.....	0.76	0.77	0.76	0.75	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.78	0.77	0.79	0.82	(X)	(X)	(X)	(X)
Chemical products.....	1.17	1.17	1.16	1.15	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.26	1.24	1.22	1.25	(X)	(X)	(X)	(X)

X Not Applicable ^P Preliminary ^r Revised data due to late receipts and concurrent seasonal adjustment.

¹ Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks; and miscellaneous furniture.

² Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes³

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

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Feb ¹ 2011	Feb ² 2010-Jan 2011	Feb ¹ 2011	Feb ² 2010-Jan 2011	Feb ¹ 2011	Feb ² 2010-Jan 2011	Feb ¹ 2011	Feb ² 2010-Jan 2011
	2011	2011	2011	2011	2011	2011	2011	2011
All manufacturing industries.....	(X)	0.3	(X)	0.5	(X)	0.1	(X)	0.2
Durable goods industries.....	0.0	0.4	0.3	0.7	0.1	0.1	0.1	0.2
Wood products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4
Nonmetallic mineral products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.1	0.7	-0.1	1.8	-0.1	1.4	0.1	0.4
Fabricated metal products.....	0.2	0.5	0.2	0.8	0.0	0.2	0.1	0.2
Machinery.....	-0.3	0.9	2.2	2.1	0.7	0.5	0.4	0.2
Computers and electronic products.....	-0.3	0.8	-0.5	1.0	0.0	0.2	0.0	0.3
Electrical equipment, appliances, and components.....	0.0	0.6	-0.9	1.4	0.0	0.5	0.0	0.4
Transportation equipment.....	0.2	1.0	0.4	1.3	0.1	0.1	0.1	0.4
Furniture and related products.....	(X)	0.5	(X)	1.1	(X)	0.7	(X)	0.4
Miscellaneous products.....	(X)	0.3	(X)	0.3	(X)	0.2	(X)	0.2
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Textiles.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5
Textile products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.5
Paper products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.6
Petroleum and coal products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	1.2
Chemical products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4

X Not Applicable

NA Not Available

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

² The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

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

Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,300 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 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 13, 2011. These revisions reflect:

- benchmarking the shipments and inventory data to the 2009 Annual Survey of Manufactures (ASM) data;
- incorporating the unfilled orders to shipments ratios obtained from the 2008/2009 Manufacturers' Unfilled Orders Survey by applying these ratios to the respective ASM shipments data;
- adjusting new orders to be consistent with the benchmarked shipments and unfilled orders 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.

An accompanying press release will include the revised 2011 January through March data. Please call Heather Dudash on (301)763-4832 with any questions.