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Full Report on Manufacturers' Shipments, Inventories and Orders December 2008

Summary

New orders for manufactured goods in December, down five consecutive months, decreased \$14.8 billion or 3.9 percent to \$362.4 billion, the U.S. Census Bureau reported today. This was the longest streak of consecutive monthly decreases since the series was first published on a NAICS basis in 1992 and followed a 6.5 percent November decrease. Excluding transportation, new orders decreased 4.4 percent.

Shipments, also down five consecutive months, decreased \$11.3 billion or 2.9 percent to \$377.6 billion. This was the longest streak of consecutive monthly decreases since March-July 1998 and followed a 6.5 percent November decrease.

Unfilled orders, down three consecutive months, decreased \$11.0 billion or 1.4 percent to \$801.9 billion. This followed a 0.9 percent November decrease. The unfilled orders-to-shipments ratio was 5.82, down from 5.87 in November.

Inventories, down four consecutive months, decreased \$8.0 billion or 1.4 percent to \$544.3 billion. This was the largest percent decrease since the series was first published on a NAICS basis in 1992 and followed a 0.5 percent November decrease. The inventories-to-shipments ratio was 1.44, up from 1.42 in November.

New Orders

New orders for manufactured durable goods in December, down five consecutive months, decreased \$5.4 billion or 3.0 percent to \$175.6 billion, revised from the previously published 2.6 percent decrease. This also was the longest streak of consecutive monthly decreases since the series was first published on a NAICS basis in 1992 and followed a 4.0 percent November decrease.

Computers and electronic products, down three of the last four months, had the largest decrease, \$1.7 billion or 6.5 percent to \$24.9 billion.

New orders for manufactured nondurable goods decreased \$9.4 billion or 4.8 percent to \$186.8 billion.

Shipments

Shipments of manufactured durable goods in December, down five consecutive months, decreased \$1.9 billion or 1.0 percent to \$190.8 billion, revised from the previously published 0.7 percent decrease. This followed a 4.2 percent November decrease.

Primary metals, down five consecutive months, had the largest decrease, \$1.4 billion or 7.5 percent to \$16.6 billion.

Shipments of manufactured nondurable goods, down five consecutive months, decreased \$9.4 billion or 4.8 percent to \$186.8 billion. This followed an 8.7 percent November decrease. This decrease was led by petroleum and coal products, which decreased \$6.5 billion or 18.2 percent to \$29.3 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in December, down three consecutive months, decreased \$11.0 billion or 1.4 percent to \$801.9 billion, revised from the previously published 1.3 percent decrease. This followed a 0.9 percent November decrease.

Machinery, down three consecutive months, had the largest decrease, \$4.0 billion or 3.8 percent to \$100.2 billion.

Inventories

Inventories of manufactured durable goods in December, up seventeen of the last eighteen months, increased \$1.2 billion or 0.4 percent to \$343.5 billion, unchanged from the previously published increase. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.3 percent November increase.

Transportation equipment, up twenty-three of the last twenty-four months, had the largest increase, \$2.8 billion or 3.0 percent to \$95.5 billion.

Inventories of manufactured nondurable goods, down four consecutive months, decreased \$9.2 billion or 4.4 percent to \$200.8 billion. This also was the largest percent decrease since the series was first published on a NAICS basis in 1992 and followed a 1.8 percent November decrease. Petroleum and coal products led the decrease, down \$5.2 billion or 16.2 percent to \$26.8 billion.

By stage of fabrication, December materials and supplies decreased 0.6 percent in durable goods and 4.8 percent in nondurable goods. Work in process increased 2.0 percent in durable goods and decreased 3.3 percent in nondurable goods. Finished goods decreased 0.6 percent in durable goods and 4.5 percent in nondurable goods.

Figures in text are in seasonally adjusted current dollars. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <http://www.census.gov/m3>. The advance report on durable goods for January is scheduled for release on February 26, 2009, at 8:30 a.m. EST and the full report on March 5, 2009, at 10:00 a.m. EST. See back page for survey description and 2009 release dates.

Table 1. Value of Manufacturers' Shipments for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Year to date		
	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Dec. 2007	2008 ^p	2007	Percent 2008/2007
All manufacturing industries	377,642	388,928	415,900	-2.9	-6.5	-3.6	370,041	372,138	431,372	420,528	5,184,609	5,081,075	2.0
Excluding transportation	331,102	342,992	367,827	-3.5	-6.8	-3.4	322,849	327,781	380,252	366,488	4,565,725	4,388,039	4.0
Excluding defense	366,211	377,074	403,802	-2.9	-6.6	-3.7	357,264	359,884	419,444	409,651	5,044,357	4,967,067	1.6
With unfilled orders	137,883	138,596	144,247	-0.5	-3.9	-4.2	137,712	130,637	147,079	147,853	1,789,769	1,787,073	0.2
Durable goods industries	190,845	192,772	201,119	-1.0	-4.2	-3.4	189,576	181,580	208,711	208,047	2,493,817	2,562,863	-2.7
Wood products.....	7,578	7,774	8,029	-2.5	-3.2	0.8	6,844	7,210	8,428	7,409	96,802	101,967	-5.1
Nonmetallic mineral products.....	8,153	8,315	8,925	-1.9	-6.8	-2.9	6,987	7,798	9,843	7,856	109,132	119,189	-8.4
Primary metals.....	16,622	17,975	19,843	-7.5	-9.4	-10.9	14,021	15,928	20,628	17,540	255,701	241,511	5.9
Iron and steel mills.....	7,619	8,579	9,926	-11.2	-13.6	-15.1	6,643	7,531	10,313	8,821	130,185	114,967	13.2
Aluminum and nonferrous metals.....	7,328	7,718	8,108	-5.1	-4.8	-6.1	5,974	6,933	8,392	7,296	103,825	106,488	-2.5
Ferrous metal foundries.....	1,675	1,678	1,809	-0.2	-7.2	-6.1	1,404	1,464	1,923	1,423	21,691	20,056	8.2
Fabricated metal products.....	25,921	26,990	27,563	-4.0	-2.1	-1.0	23,623	25,034	28,906	24,115	330,421	326,685	1.1
Machinery.....	28,943	28,305	28,461	2.3	-0.5	-5.5	28,305	25,441	28,759	28,503	347,165	331,451	4.7
Farm machinery.....	2,418	2,563	2,646	-5.7	-3.1	-12.0	2,027	1,944	2,471	1,829	28,885	23,219	24.4
Construction machinery.....	2,277	2,521	2,562	-9.7	-1.6	2.5	2,257	2,191	2,638	2,324	28,866	26,605	8.5
Mining, oil field, and gas field machinery.....	1,823	1,759	1,824	3.6	-3.6	9.0	1,991	1,708	1,819	1,613	19,455	17,301	12.5
Industrial machinery.....	2,688	2,741	2,682	-1.9	2.2	-3.7	3,030	2,230	3,026	3,531	34,589	38,850	-11.0
Photographic equipment.....	466	511	571	-8.8	-10.5	-0.7	523	561	629	646	6,502	7,392	-12.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,533	3,373	3,582	4.7	-5.8	-4.7	3,397	3,105	3,455	3,388	46,741	43,239	8.1
Metalworking machinery.....	2,237	2,294	2,344	-2.5	-2.1	-2.6	2,239	2,105	2,494	2,428	28,719	27,744	3.5
Turbines, generators, and other power transmission equipment.....	5,015	3,920	3,461	27.9	13.3	-21.4	4,742	3,723	3,480	4,171	46,297	42,021	10.2
Material handling equipment.....	2,227	2,325	2,349	-4.2	-1.0	-0.3	2,162	2,118	2,343	2,344	29,410	27,787	5.8
Computers and electronic products.....	29,565	29,694	31,260	-0.4	-5.0	2.2	34,665	28,637	31,304	38,130	379,683	386,897	-1.9
Computers.....	2,485	2,344	2,760	6.0	-15.1	2.2	2,768	2,146	3,161	4,161	35,303	40,838	-13.6
Computer storage devices.....	632	579	626	9.2	-7.5	-10.8	1,160	427	370	1,199	7,932	8,241	-3.7
Other peripheral equipment.....	1,428	1,305	1,240	9.4	5.2	-4.6	2,165	1,219	1,117	2,092	16,366	16,548	-1.1
Nondefense communications equipment.....	4,679	5,079	4,692	-7.9	8.2	-4.5	6,115	5,232	3,975	6,941	60,339	62,132	-2.9
Defense communications equipment.....	631	789	766	-20.0	3.0	4.2	636	861	744	558	8,227	6,372	29.1
Audio and video equipment.....	549	548	600	0.2	-8.7	-4.6	702	685	776	958	7,674	9,392	-18.3
Semiconductors.....	4,213	3,932	5,032	7.1	-21.9	29.0	3,966	3,537	6,330	4,560	57,968	63,849	-9.2
Electronic components.....	3,538	3,481	3,727	1.6	-6.6	-3.1	3,944	3,410	3,570	4,520	46,457	48,728	-4.7
Nondefense search and navigation equipment.....	958	871	939	10.0	-7.2	-5.0	1,027	823	877	1,036	11,612	11,870	-2.2
Defense search and navigation equipment.....	2,670	2,849	2,783	-6.3	2.4	2.2	2,883	2,905	2,774	3,016	32,815	31,637	3.7
Electromedical, measuring, and control instruments.....	7,253	7,403	7,567	-2.0	-2.2	-0.4	8,739	6,778	6,984	8,415	88,536	80,681	9.7
Electrical equipment, appliances, and components.....	9,462	9,399	10,330	0.7	-9.0	-1.9	9,030	8,959	10,588	10,119	124,933	126,995	-1.6
Electric lighting equipment.....	960	977	1,019	-1.7	-4.1	-0.6	999	914	1,036	1,126	12,205	13,530	-9.8
Household appliances.....	1,645	1,724	1,899	-4.6	-9.2	3.0	1,724	1,654	1,986	1,927	22,569	23,896	-5.6
Electrical equipment.....	3,334	3,107	3,427	7.3	-9.3	-2.1	3,086	2,855	3,359	3,233	41,584	40,998	1.4
Batteries.....	715	696	882	2.7	-21.1	-5.2	765	872	1,004	799	9,856	8,225	19.8
Transportation equipment.....	46,540	45,936	48,073	1.3	-4.4	-5.4	47,192	44,357	51,120	54,040	618,884	693,036	-10.7
Automobiles.....	5,719	6,158	6,427	-7.1	-4.2	-6.2	5,211	5,830	7,335	6,865	81,646	96,753	-15.6
Light trucks and utility vehicles.....	6,684	7,083	7,232	-5.6	-2.1	-5.9	6,545	6,612	8,417	10,293	99,123	137,960	-28.2
Heavy duty trucks.....	1,412	1,343	1,263	5.1	6.3	-8.9	1,310	1,239	1,373	1,262	16,601	18,803	-11.7
Motor vehicle bodies, parts, and trailers.....	13,865	14,472	14,597	-4.2	-0.9	-4.0	12,062	13,538	16,131	14,782	189,662	226,187	-16.1
Nondefense aircraft and parts.....	8,042	6,134	6,861	31.1	-10.6	-10.8	9,945	6,164	6,284	10,181	96,512	101,127	-4.6
Defense aircraft and parts.....	4,837	4,539	4,757	6.6	-4.6	-8.5	5,748	4,726	4,683	3,938	55,770	39,700	40.5
Ships and boats.....	2,108	2,156	2,227	-2.2	-3.2	8.1	2,073	2,156	2,190	2,341	27,259	26,616	2.4
Furniture and related products.....	5,846	5,858	6,037	-0.2	-3.0	-4.6	5,630	5,701	6,245	6,480	76,322	82,266	-7.2
Miscellaneous durable goods.....	12,215	12,526	12,598	-2.5	-0.6	-0.2	13,279	12,515	12,890	13,855	154,774	152,866	1.2
Nondurable goods industries.....	186,797	196,156	214,781	-4.8	-8.7	-3.8	180,465	190,558	222,661	212,481	2,690,792	2,518,212	6.9
Food products.....	49,824	50,308	51,103	-1.0	-1.6	-1.1	49,604	51,435	53,688	49,429	610,555	573,563	6.4
Grain and oilseed milling.....	6,006	6,018	6,173	-0.2	-2.5	-1.2	5,744	6,187	6,704	5,318	71,951	60,731	18.5
Dairy products.....	6,588	6,756	6,958	-2.5	-2.9	-1.2	6,630	6,948	7,099	7,562	86,078	86,143	-0.1
Meat, poultry, and seafood products.....	14,678	14,858	15,461	-1.2	-3.9	-2.2	14,162	14,938	15,690	14,452	182,586	173,441	5.3
Beverage and tobacco products.....	11,486	11,380	11,712	0.9	-2.8	0.9	11,167	11,425	11,821	10,596	137,668	132,251	4.1
Beverages.....	7,700	7,985	7,906	-3.6	1.0	0.5	7,381	8,030	8,015	7,291	93,454	89,332	4.6
Tobacco.....	3,786	3,395	3,806	11.5	-10.8	1.7	3,786	3,395	3,806	3,305	44,214	42,919	3.0
Textile mills.....	2,437	2,545	2,701	-4.2	-5.8	-4.0	2,109	2,456	2,825	2,648	33,578	36,587	-8.2
Textile products.....	1,877	1,982	2,077	-5.3	-4.6	-3.3	1,616	1,908	2,136	2,127	26,748	30,487	-12.3
Apparel.....	2,467	2,493	2,505	-1.0	-0.5	-4.7	2,166	2,707	2,791	2,295	31,134	29,814	4.4
Leather and allied products.....	434	438	459	-0.9	-4.6	-7.5	411	408	477	489	5,696	6,299	-9.6
Paper products.....	13,716	14,048	14,383	-2.4	-2.3	-2.2	13,474	13,495	14,790	13,783	172,331	168,500	2.3
Pulp, paper, and paperboard mills.....	6,647	6,782	6,901	-2.0	-1.7	-1.9	6,577	6,417	7,037	6,778	83,018	81,083	2.4
Paperboard containers.....	3,654	3,751	4,012	-2.6	-6.5	-2.4	3,466	3,577	4,291	3,727	48,242	47,721	1.1
Printing.....	7,856	7,761	8,058	1.2	-3.7	-0.1	7,999	8,016	8,814	8,500	97,794	101,806	-3.9
Petroleum and coal products.....	29,340	35,887	46,956	-18.2	-23.6	-12.6	27,679	33,809	48,582	52,972	674,586	564,114	19.6
Petroleum refineries.....	26,456	32,981	43,801	-19.8	-24.7	-13.4	25,330	31,256	44,901	51,022	639,570	532,813	20.0
Chemical products.....	51,026	52,788	57,585	-3.3	-8.3	0.1	49,608	49,629	58,576	54,296	689,921	664,057	3.9
Pesticides, fertilizers, and other agricultural chemicals.....	3,330	3,304	3,707	0.8	-10.9	-3.6	2,596	2,234	2,856	2,424	42,064	32,852	28.0
Pharmaceuticals and medicines.....	14,768	14,453	14,599	2.2	-1.0	-0.7	15,178	14,433	15,841	14,773	174,283	178,684	-2.5
Paints, coatings, and adhesives.....	2,260	2,505	2,698	-9.8	-7.2	0.7	1,878	2,141	2,821	2,391	32,462	33,954	-4.4
Plastics and rubber products.....	16,334	16,526	17,242	-1.2	-4.2	-3.1	14,632	15,270	18,161	15,346	210,781	210,734	0.0

^p Preliminary^r Revised

NA Not available.

¹ Shipments are the totals for the period and are adjusted for trading-day and calendar-month variations.
See note at end of Table 2 relating to survey error and revision.

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Year to date		
	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Dec. 2007	2008 ^p	2007	Percent 2008/ 2007
All manufacturing industries ²	362,437	377,203	403,315	-3.9	-6.5	-6.0	367,211	359,293	415,242	446,381	5,153,328	5,131,164	0.4
Excluding transportation ²	319,445	334,138	355,543	-4.4	-6.0	-5.1	310,792	317,808	366,371	366,689	4,503,965	4,349,772	3.5
Excluding defense ²	347,665	366,069	392,117	-5.0	-6.6	-5.2	346,106	348,633	403,905	427,386	5,002,885	5,012,496	-0.2
With unfilled orders ²	126,891	130,803	136,694	-3.0	-4.3	-10.2	138,848	121,329	137,279	178,266	1,816,456	1,901,011	-4.4
Durable goods industries ²	175,640	181,047	188,534	-3.0	-4.0	-8.5	186,746	168,735	192,581	233,900	2,462,536	2,612,952	-5.8
Primary metals.....	14,831	15,966	16,834	-7.1	-5.2	-16.3	12,521	14,175	16,943	18,593	246,897	241,829	2.1
Iron and steel mills.....	6,204	6,667	7,436	-6.9	-10.3	-24.6	5,394	5,752	7,410	9,390	123,189	115,247	6.9
Aluminum and nonferrous metals.....	7,102	7,561	7,725	-6.1	-2.1	-7.0	5,867	6,863	7,767	7,800	102,181	106,563	-4.1
Ferrous metal foundries.....	1,525	1,738	1,673	-12.3	3.9	-13.8	1,260	1,560	1,766	1,403	21,527	20,019	7.5
Fabricated metal products.....	24,987	26,058	26,667	-4.1	-2.3	-2.9	22,433	23,184	27,404	25,230	327,648	330,855	-1.0
Machinery.....	24,948	26,449	27,206	-5.7	-2.8	-11.2	23,596	23,800	28,046	30,643	354,992	343,454	3.4
Construction machinery.....	1,239	1,711	1,875	-27.6	-8.7	-35.8	1,399	1,570	1,990	2,600	30,366	26,920	12.8
Mining, oil field, and gas field machinery.....	1,550	1,794	1,805	-13.6	-0.6	-6.9	1,482	1,888	1,865	1,979	21,751	17,851	21.8
Industrial machinery.....	2,080	2,083	2,282	-0.1	-8.7	-14.9	1,901	1,523	3,005	3,424	34,117	40,754	-16.3
Photographic equipment.....	501	501	586	0.0	-14.5	-20.5	502	506	637	551	6,802	7,278	-6.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,784	3,193	3,846	-12.8	-17.0	7.3	2,334	2,875	3,666	4,158	49,388	48,154	2.6
Metalworking machinery.....	2,030	2,071	2,163	-2.0	-4.3	-10.3	1,858	1,868	2,349	2,529	28,891	29,071	-0.6
Turbines, generators, and other power transmission equipment.....	4,249	4,584	3,826	-7.3	19.8	-12.7	4,559	4,386	3,615	4,820	47,464	42,575	11.5
Material handling equipment.....	1,969	2,045	2,069	-3.7	-1.2	-9.5	2,097	1,925	1,963	2,534	28,765	28,945	-0.6
Computers and electronic products ²	24,903	26,646	25,627	-6.5	4.0	-4.9	31,357	25,223	24,677	35,222	324,410	330,062	-1.7
Computers.....	2,574	2,891	2,426	-11.0	19.2	-10.8	2,857	2,693	2,827	4,315	35,812	41,070	-12.8
Nondefense communications equipment.....	4,417	4,872	4,961	-9.3	-1.8	10.4	5,538	4,642	4,539	6,918	59,790	62,584	-4.5
Defense communications equipment.....	730	668	738	9.3	-9.5	-4.8	1,045	623	664	940	8,929	7,287	22.5
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,278	3,387	3,548	-3.2	-4.5	-7.7	3,676	3,070	3,380	4,297	46,243	48,984	-5.6
Nondefense search and navigation equipment.....	884	2,030	1,025	-56.5	98.0	12.3	944	1,909	937	877	13,667	12,920	5.8
Defense search and navigation equipment.....	2,364	2,811	2,476	-15.9	13.5	-22.8	3,472	2,924	2,396	4,068	32,627	32,918	-0.9
Electromedical, measuring, and control instruments.....	7,518	7,041	7,459	6.8	-5.6	-4.7	9,238	6,417	7,045	8,884	88,916	83,509	6.5
Electrical equipment, appliances, and components.....	9,397	8,662	9,155	8.5	-5.4	-10.2	8,518	8,026	9,436	9,711	123,639	128,209	-3.6
Electric lighting equipment.....	861	817	715	5.4	14.3	-36.7	883	670	675	1,123	11,839	13,892	-14.8
Household appliances.....	1,648	1,675	1,673	-1.6	0.1	-10.6	1,598	1,616	1,792	1,729	22,330	23,958	-6.8
Electrical equipment.....	3,351	2,696	3,050	24.3	-11.6	-8.4	2,686	2,434	3,074	2,707	41,299	42,692	-3.3
Transportation equipment.....	42,992	43,065	47,772	-0.2	-9.9	-12.8	56,419	41,485	48,871	79,692	649,363	781,392	-16.9
Motor vehicle bodies, parts, and trailers.....	13,205	14,001	14,292	-5.7	-2.0	-4.1	11,750	13,234	15,695	15,069	186,682	224,319	-16.8
Nondefense aircraft and parts.....	2,720	4,840	9,003	-43.8	-46.2	-8.7	13,479	5,350	6,118	28,458	124,002	184,484	-32.8
Defense aircraft and parts.....	5,793	4,982	5,356	16.3	-7.0	-8.3	7,952	5,087	5,166	8,079	60,701	40,855	48.6
Ships and boats.....	3,844	1,705	1,346	125.5	26.7	-64.5	4,725	1,462	1,357	2,880	29,104	27,057	7.6
Furniture and related products.....	5,693	5,450	5,647	4.5	-3.5	-6.8	4,849	5,183	5,969	5,682	75,330	82,363	-8.5
Nondurable goods industries.....	186,797	196,156	214,781	-4.8	-8.7	-3.8	180,465	190,558	222,661	212,481	2,690,792	2,518,212	6.9

^p Preliminary^r Revised

NA Not available.

¹ New orders are the totals for the period and are adjusted for trading-day and calendar-month variations.² Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-3(07), "Manufacturers' Shipments, Inventories, and Orders: 2004-2007."

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Dec. 08/07
	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Dec. 2007	
All manufacturing industries ¹	801,887	812,879	820,672	-1.4	-0.9	-0.9	798,503	797,367	806,675	771,816	3.5
Excluding transportation ¹	338,199	345,643	350,565	-2.2	-1.4	-2.0	331,229	339,320	345,756	335,021	-1.1
Excluding defense ¹	640,850	655,183	662,256	-2.2	-1.1	-1.0	637,003	644,195	651,909	620,507	2.7
Durable goods industries ¹	801,887	812,879	820,672	-1.4	-0.9	-0.9	798,503	797,367	806,675	771,816	3.5
Primary metals.....	19,403	21,194	23,203	-8.5	-8.7	-11.5	18,459	19,959	21,712	27,263	-32.3
Iron and steel mills.....	10,068	11,483	13,395	-12.3	-14.3	-15.7	9,454	10,703	12,482	16,450	-42.5
Aluminum and nonferrous metals.....	6,502	6,728	6,885	-3.4	-2.3	-5.3	6,233	6,340	6,410	7,877	-20.9
Ferrous metal foundries.....	2,833	2,983	2,923	-5.0	2.1	-4.4	2,772	2,916	2,820	2,936	-5.6
Fabricated metal products.....	58,794	59,728	60,660	-1.6	-1.5	-1.5	56,646	57,836	59,686	59,419	-4.7
Machinery.....	100,219	104,214	106,070	-3.8	-1.7	-1.2	98,214	102,923	104,564	90,387	8.7
Construction machinery.....	13,028	14,066	14,876	-7.4	-5.4	-4.4	12,576	13,434	14,055	11,076	13.5
Mining, oil field, and gas field machinery.....	7,180	7,453	7,418	-3.7	0.5	-0.3	7,127	7,636	7,456	4,831	47.5
Industrial machinery.....	15,118	15,726	16,384	-3.9	-4.0	-2.4	14,439	15,568	16,275	14,911	-3.2
Photographic equipment.....	1,896	1,861	1,871	1.9	-0.5	0.8	1,806	1,827	1,882	1,506	19.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	16,399	17,148	17,328	-4.4	-1.0	1.5	16,145	17,208	17,438	13,498	19.6
Metalworking machinery.....	8,114	8,321	8,544	-2.5	-2.6	-2.1	7,851	8,232	8,469	7,679	2.2
Turbines, generators, and other power transmission equipment.....	14,620	15,386	14,722	-5.0	4.5	2.5	14,695	14,878	14,215	13,528	8.6
Material handling equipment.....	9,315	9,573	9,853	-2.7	-2.8	-2.8	9,261	9,326	9,519	9,906	-6.5
Computers and electronic products ¹	124,995	125,444	124,560	-0.4	0.7	-0.5	124,462	123,804	123,681	121,767	2.2
Computers.....	4,226	4,137	3,590	2.2	15.2	-8.5	4,226	4,137	3,590	3,717	13.7
Nondefense communications equipment.....	28,914	29,176	29,383	-0.9	-0.7	0.9	28,178	28,755	29,345	28,727	-1.9
Defense communications equipment.....	8,225	8,126	8,247	1.2	-1.5	-0.3	8,392	7,983	8,221	7,690	9.1
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,256	10,516	10,610	-2.5	-0.9	-1.7	10,042	10,310	10,650	10,256	-2.1
Nondefense search and navigation equipment.....	8,777	8,851	7,692	-0.8	15.1	1.1	8,656	8,739	7,653	6,601	31.1
Defense search and navigation equipment.....	36,758	37,064	37,102	-0.8	-0.1	-0.8	37,013	36,424	36,405	37,201	-0.5
Electromedical, measuring, and control instruments.....	27,839	27,574	27,936	1.0	-1.3	-0.4	27,955	27,456	27,817	27,575	1.4
Electrical equipment, appliances, and components.....	22,629	22,694	23,431	-0.3	-3.1	-4.8	21,770	22,282	23,215	23,064	-5.6
Electric lighting equipment.....	2,151	2,250	2,410	-4.4	-6.6	-11.2	1,990	2,106	2,350	2,356	-15.5
Household appliances.....	429	426	475	0.7	-10.3	-32.2	333	459	497	572	-41.8
Electrical equipment.....	14,874	14,857	15,268	0.1	-2.7	-2.4	14,444	14,844	15,265	14,729	-1.9
Transportation equipment.....	463,688	467,236	470,107	-0.8	-0.6	-0.1	467,274	458,047	460,919	436,795	7.0
Motor vehicle bodies, parts, and trailers.....	15,606	16,266	16,737	-4.1	-2.8	-1.8	15,585	15,897	16,201	18,565	-16.1
Nondefense aircraft and parts.....	304,633	309,955	311,249	-1.7	-0.4	0.7	308,105	304,571	305,385	280,615	9.8
Defense aircraft and parts.....	48,468	47,512	47,069	2.0	0.9	1.3	48,233	46,029	45,668	43,302	11.4
Ships and boats.....	21,957	20,221	20,672	8.6	-2.2	-4.1	21,848	19,196	19,890	20,003	9.2
Furniture and related products.....	6,253	6,406	6,814	-2.4	-6.0	-5.4	5,772	6,553	7,071	6,764	-14.7

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

Table 4. Value of Manufacturers' Inventories for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Dec. 08/07
	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Dec. 2007	
All manufacturing industries	544,301	552,253	554,990	-1.4	-0.5	-0.6	529,521	552,910	559,181	515,952	2.6
Excluding transportation	448,835	459,546	464,854	-2.3	-1.1	-1.0	438,088	459,509	467,986	437,775	0.1
Excluding defense	519,057	527,012	530,218	-1.5	-0.6	-0.7	504,647	527,653	534,309	492,697	2.4
With unfilled orders	275,987	274,582	273,466	0.5	0.4	0.3	267,964	275,375	274,776	247,138	8.4
Durable goods industries	343,484	342,259	341,168	0.4	0.3	0.4	333,452	343,203	342,379	311,601	7.0
Wood products	10,310	10,397	10,606	-0.8	-2.0	-0.4	10,303	10,460	10,757	11,106	-7.2
Nonmetallic mineral products	11,948	12,025	12,069	-0.6	-0.4	0.4	11,691	11,649	11,679	11,582	0.9
Primary metals	32,182	33,651	34,793	-4.4	-3.3	-1.1	31,935	33,633	34,682	30,577	4.4
Iron and steel mills	18,733	19,721	20,272	-5.0	-2.7	-0.3	18,746	19,857	20,315	16,380	14.4
Aluminum and nonferrous metals	10,707	11,152	11,691	-4.0	-4.6	-2.9	10,460	10,985	11,545	11,582	-9.7
Ferrous metal foundries	2,742	2,778	2,830	-1.3	-1.8	1.4	2,729	2,791	2,822	2,615	4.4
Fabricated metal products	43,714	44,410	44,726	-1.6	-0.7	-0.5	42,718	43,870	44,579	41,384	3.2
Machinery	55,310	55,190	54,869	0.2	0.6	0.4	53,514	55,527	54,710	50,487	6.0
Farm machinery	3,468	3,486	3,310	-0.5	5.3	4.4	3,515	3,455	2,953	2,872	22.4
Construction machinery	5,706	5,639	5,649	1.2	-0.2	-1.9	5,504	5,624	5,647	5,062	8.7
Mining, oil field, and gas field machinery	4,710	4,656	4,684	1.2	-0.6	2.2	4,528	4,647	4,659	4,009	12.9
Industrial machinery	6,847	6,920	6,900	-1.1	0.3	-0.1	6,636	6,776	6,776	6,334	4.8
Photographic equipment	1,436	1,396	1,352	2.9	3.3	0.7	1,363	1,406	1,364	1,229	10.9
Ventilation, heating, air-conditioning, and refrigeration equipment	4,778	4,787	4,800	-0.2	-0.3	-0.2	4,377	4,758	4,820	4,415	-0.9
Metalworking machinery	5,329	5,295	5,298	0.6	-0.1	0.8	5,153	5,362	5,414	5,012	2.8
Turbines, generators, and other power transmission equipment	6,066	6,130	6,130	-1.0	0.0	0.8	5,797	6,345	6,353	5,561	4.2
Material handling equipment	3,425	3,371	3,405	1.6	-1.0	-1.0	3,305	3,385	3,430	3,096	6.8
Computers and electronic products	48,125	47,478	47,419	1.4	0.1	0.8	46,782	48,250	48,086	43,788	6.8
Computers	1,262	1,220	1,179	3.4	3.5	-10.1	1,266	1,263	1,145	1,489	-15.0
Computer storage devices	1,692	1,571	1,552	7.7	1.2	-1.7	1,506	1,653	1,606	1,356	11.1
Other peripheral equipment	2,301	2,147	2,122	7.2	1.2	-1.2	2,152	2,227	2,184	1,861	15.6
Nondefense communications equipment	8,465	8,114	8,087	4.3	0.3	0.9	8,345	8,486	8,243	8,060	3.5
Defense communications equipment	1,798	1,802	1,719	-0.2	4.8	5.3	1,798	1,802	1,719	1,158	55.3
Audio and video equipment	876	892	903	-1.8	-1.2	-0.6	861	992	1,016	923	-6.7
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	6,557	6,746	6,700	-2.8	0.7	0.5	6,357	6,791	6,799	6,359	0.0
Nondefense search and navigation equipment	5,043	5,026	5,252	0.3	-4.3	2.2	4,871	4,957	5,401	4,399	10.7
Defense search and navigation equipment	3,648	3,624	3,685	0.7	-1.7	2.0	3,559	3,603	3,691	3,279	8.5
Electromedical, measuring and control instruments	10,928	10,740	10,727	1.8	0.1	0.6	10,673	10,917	10,807	9,970	7.1
Electrical equipment, appliances, and components	14,925	14,940	15,172	-0.1	-1.5	-1.3	14,427	14,789	15,021	14,391	0.3
Electric lighting equipment	1,724	1,743	1,755	-1.1	-0.7	-0.4	1,623	1,705	1,701	1,642	-1.2
Household appliances	1,962	1,998	2,018	-1.8	-1.0	-2.6	1,765	1,993	2,088	1,834	-3.8
Electrical equipment	5,152	5,117	5,284	0.7	-3.2	-1.2	5,151	5,166	5,212	5,136	0.3
Batteries	792	778	745	1.8	4.4	16.4	719	739	750	672	7.0
Transportation equipment	95,466	92,707	90,136	3.0	2.9	1.8	91,433	93,401	91,195	78,177	17.0
Automobiles	2,532	2,550	2,608	-0.7	-2.2	1.6	2,233	2,532	2,563	2,445	-8.7
Light trucks and utility vehicles	2,215	2,429	2,584	-8.8	-6.0	0.6	1,923	2,512	2,691	2,802	-31.4
Heavy duty trucks	1,602	1,683	1,674	-4.8	0.5	4.2	1,514	1,700	1,730	1,319	14.8
Motor vehicle bodies, parts, and trailers	15,392	15,710	15,971	-2.0	-1.6	-1.2	14,861	15,660	15,894	16,791	-11.5
Nondefense aircraft and parts	47,678	44,281	41,947	7.7	5.6	3.4	45,545	44,871	42,721	31,154	46.2
Defense aircraft and parts	14,590	14,718	14,292	-0.9	3.0	2.4	14,371	14,724	14,397	13,213	8.8
Ships and boats	2,809	2,932	2,947	-4.2	-0.5	2.3	2,763	2,937	2,931	2,915	-5.2
Furniture and related products	7,634	7,738	7,788	-1.3	-0.6	-1.1	7,399	7,705	7,744	7,847	-5.7
Miscellaneous durable goods	23,870	23,723	23,590	0.6	0.6	0.5	23,250	23,919	23,926	22,262	4.4
Nondurable goods industries	200,817	209,994	213,822	-4.4	-1.8	-2.2	196,069	209,707	216,802	204,351	-4.1
Food products	36,945	37,109	37,215	-0.4	-0.3	0.2	36,628	38,373	39,447	36,436	0.5
Grain and oilseed milling	4,690	4,736	4,741	-1.0	-0.1	1.5	4,644	4,825	5,089	4,687	-0.9
Dairy products	4,477	4,502	4,463	-0.6	0.9	0.9	4,147	4,314	4,452	4,276	-3.0
Meat, poultry, and seafood products	7,389	7,546	7,546	-2.1	0.0	-1.3	7,221	7,702	7,676	7,213	0.1
Beverage and tobacco products	15,189	15,166	15,145	0.2	0.1	0.1	15,099	15,496	15,721	14,899	1.3
Beverages	11,344	11,339	11,285	0.0	0.5	0.0	11,136	11,577	11,793	10,933	1.9
Tobacco	3,845	3,827	3,860	0.5	-0.9	0.3	3,963	3,919	3,928	3,966	-0.1
Textile mills	3,658	3,706	3,711	-1.3	-0.1	0.2	3,631	3,676	3,676	3,729	-2.6
Textile products	3,218	3,265	3,302	-1.4	-1.1	0.0	3,123	3,238	3,322	3,239	-3.6
Apparel	4,249	4,335	4,396	-2.0	-1.4	-1.2	4,080	4,154	4,441	4,220	-3.3
Leather and allied products	1,074	1,054	1,027	1.9	2.6	0.7	1,044	1,048	1,021	992	5.2
Paper products	15,284	15,706	15,775	-2.7	-0.4	1.5	15,142	15,624	15,614	15,221	-0.5
Pulp, paper, and paperboard mills	6,640	6,806	6,912	-2.4	-1.5	1.0	6,613	6,803	6,799	6,773	-2.4
Paperboard containers	4,242	4,490	4,440	-5.5	1.1	3.2	4,235	4,419	4,373	4,150	2.0
Printing	6,918	6,822	6,670	1.4	2.3	-0.8	6,492	6,817	6,935	6,631	-2.1
Petroleum and coal products	26,755	31,916	34,773	-16.2	-8.2	-12.8	24,829	31,375	35,777	33,008	-24.8
Petroleum refineries	24,010	29,116	32,044	-17.5	-9.1	-14.0	22,243	28,647	33,056	30,755	-27.7
Chemical products	66,274	68,439	68,995	-3.2	-0.8	0.3	65,044	67,837	68,280	64,505	0.8
Pesticides, fertilizers, and other agricultural chemicals	3,302	3,688	3,541	-10.5	4.2	4.6	3,542	3,678	3,275	3,113	13.8
Pharmaceuticals and medicines	24,739	24,150	24,034	2.4	0.5	0.6	24,023	24,054	24,082	22,015	9.1
Paints, coatings, and adhesives	3,051	3,098	3,139	-1.5	-1.3	-0.8	2,863	2,974	3,009	2,934	-2.4
Plastics and rubber products	21,253	22,476	22,813	-5.4	-1.5	-0.4	20,957	22,069	22,568	21,471	-2.4

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

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2008/2007
	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Dec. 2007	2008 ^p	2007	
SHIPMENTS													
All manufacturing industries	377,642	388,928	415,900	-2.9	-6.5	-3.6	370,041	372,138	431,372	420,528	5,184,609	5,081,075	2.0
Construction materials and supplies.....	40,056	41,000	42,812	-2.3	-4.2	-1.7	35,687	37,866	45,630	37,708	520,305	533,380	-2.5
Information technology.....	25,088	25,687	26,175	-2.3	-1.9	-1.7	29,734	24,915	25,236	32,730	320,479	322,058	-0.5
Computers and related products	4,545	4,228	4,626	7.5	-8.6	-1.6	6,093	3,792	4,648	7,452	59,601	65,627	-9.2
Motor vehicle and parts.....	27,680	29,056	29,519	-4.7	-1.6	-5.2	25,128	27,219	33,256	33,202	387,032	479,703	-19.3
Capital goods.....	73,620	72,244	73,765	1.9	-2.1	-3.9	79,537	68,444	72,868	82,300	907,457	889,599	2.0
Nondefense capital goods ³	65,134	63,155	64,469	3.1	-2.0	-4.5	70,479	59,005	63,669	73,755	800,074	796,439	0.5
Excluding aircraft.....	60,790	60,425	61,218	0.6	-1.3	-3.7	64,528	56,249	60,782	67,794	748,783	739,632	1.2
Defense capital goods ⁴	8,486	9,089	9,296	-6.6	-2.2	1.0	9,058	9,439	9,199	8,545	107,383	93,160	15.3
Consumer goods.....	144,203	152,359	165,659	-5.4	-8.0	-5.2	142,124	150,368	173,854	174,679	2,121,030	2,037,553	4.1
Consumer durable goods.....	25,272	26,513	27,496	-4.7	-3.6	-4.3	25,195	25,593	30,057	32,777	354,120	418,456	-15.4
Consumer nondurable goods.....	118,931	125,846	138,163	-5.5	-8.9	-5.4	116,929	124,775	143,797	141,902	1,766,910	1,619,097	9.1
NEW ORDERS													
All manufacturing industries ⁵	362,437	377,203	403,315	-3.9	-6.5	-6.0	367,211	359,293	415,242	446,381	5,153,328	5,131,164	0.4
Construction materials and supplies.....	38,533	39,942	42,236	-3.5	-5.4	-1.9	33,594	36,118	44,514	38,832	520,164	540,104	-3.7
Information technology.....	24,948	26,538	25,500	-6.0	4.1	-4.7	30,769	25,093	24,825	34,829	323,284	327,798	-1.4
Computers and related products	4,634	4,775	4,292	-3.0	11.3	-9.1	6,182	4,339	4,314	7,606	60,110	65,859	-8.7
Motor vehicle and parts.....	27,020	28,585	29,214	-5.5	-2.2	-5.2	24,816	26,915	32,820	33,489	384,052	477,835	-19.6
Capital goods.....	67,757	68,653	71,326	-1.3	-3.7	-10.9	85,697	64,347	69,652	108,064	945,825	988,684	-4.3
Nondefense capital goods ³	56,363	60,140	63,487	-6.3	-5.3	-6.5	68,985	56,392	61,514	91,579	830,481	891,459	-6.8
Excluding aircraft.....	57,110	58,995	58,373	-3.2	1.1	-6.7	59,635	54,271	58,930	68,869	754,133	755,394	-0.2
Defense capital goods ⁴	11,394	8,513	7,839	33.8	8.6	-35.4	16,712	7,955	8,138	16,485	115,344	97,225	18.6
Consumer goods.....	144,150	152,342	165,382	-5.4	-7.9	-5.4	141,769	150,386	173,643	174,119	2,119,772	2,037,940	4.0
Consumer durable goods.....	25,219	26,496	27,219	-4.8	-2.7	-5.2	24,840	25,611	29,846	32,217	352,862	418,843	-15.8
Consumer nondurable goods.....	118,931	125,846	138,163	-5.5	-8.9	-5.4	116,929	124,775	143,797	141,902	1,766,910	1,619,097	9.1
UNFILLED ORDERS													
All manufacturing industries ⁵	801,887	812,879	820,672	-1.4	-0.9	-0.9	798,503	797,367	806,675	771,816	(X)	(X)	3.5
Construction materials and supplies.....	52,141	53,664	54,722	-2.8	-1.9	-1.0	50,427	52,520	54,268	50,568	(X)	(X)	-0.3
Information technology.....	121,810	121,950	121,099	-0.1	0.7	-0.6	121,229	120,194	120,016	118,424	(X)	(X)	2.4
Computers and related products	4,226	4,137	3,590	2.2	15.2	-8.5	4,226	4,137	3,590	3,717	(X)	(X)	13.7
Motor vehicle and parts.....	15,606	16,266	16,737	-4.1	-2.8	-1.8	15,585	15,897	16,201	18,565	(X)	(X)	-16.1
Capital goods.....	613,012	618,875	622,466	-0.9	-0.6	-0.4	613,825	607,665	611,762	575,457	(X)	(X)	6.7
Nondefense capital goods ³	469,182	477,953	480,968	-1.8	-0.6	-0.2	469,222	470,716	473,329	438,815	(X)	(X)	6.9
Excluding aircraft.....	197,922	201,602	203,032	-1.8	-0.7	-1.4	194,134	199,027	201,005	188,784	(X)	(X)	2.8
Defense capital goods ⁴	143,830	140,922	141,498	2.1	-0.4	-1.0	144,603	136,949	138,433	136,642	(X)	(X)	5.8
Consumer goods.....	8,124	8,177	8,194	-0.6	-0.2	-3.3	7,906	8,261	8,243	9,164	(X)	(X)	-13.7
Consumer durable goods.....	8,124	8,177	8,194	-0.6	-0.2	-3.3	7,906	8,261	8,243	9,164	(X)	(X)	-13.7
TOTAL INVENTORIES													
All manufacturing industries	544,301	552,253	554,990	-1.4	-0.5	-0.6	529,521	552,910	559,181	515,952	(X)	(X)	2.6
Construction materials and supplies.....	59,876	60,490	61,017	-1.0	-0.9	-0.3	58,103	59,544	60,626	57,949	(X)	(X)	0.3
Information technology.....	43,190	42,293	42,404	2.1	-0.3	0.1	41,990	42,952	42,916	39,288	(X)	(X)	6.9
Computers and related products	5,255	4,938	4,853	6.4	1.8	-3.7	4,924	5,143	4,935	4,706	(X)	(X)	4.6
Motor vehicle and parts.....	21,741	22,372	22,837	-2.8	-2.0	-0.3	20,531	22,404	22,878	23,357	(X)	(X)	-12.1
Capital goods.....	167,259	163,341	161,112	2.4	1.4	1.2	162,155	164,972	162,214	142,487	(X)	(X)	13.8
Nondefense capital goods ³	147,646	143,768	141,864	2.7	1.3	1.1	142,693	145,389	142,971	124,001	(X)	(X)	15.1
Excluding aircraft.....	109,919	108,983	108,972	0.9	0.0	0.3	106,690	110,119	109,464	100,652	(X)	(X)	6.0
Defense capital goods ⁴	19,613	19,573	19,248	0.2	1.7	2.0	19,462	19,583	19,243	18,486	(X)	(X)	5.3
Consumer goods.....	150,122	155,389	158,668	-3.4	-2.1	-3.0	145,451	156,486	162,905	152,757	(X)	(X)	-4.8
Consumer durable goods.....	28,320	28,586	28,731	-0.9	-0.5	0.0	26,992	28,851	29,123	28,034	(X)	(X)	-3.7
Consumer nondurable goods.....	121,802	126,803	129,937	-3.9	-2.4	-3.6	118,459	127,635	133,782	124,723	(X)	(X)	-5.0

^p Preliminary ^r Revised X Not Applicable.

¹ Topical series are regroupings of the separate industry categories.

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

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

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

⁵ Estimates and percent changes exclude semiconductor industry data.

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

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Dec. 08/07
	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2008 ^p	Nov. 2008 ^r	Oct. 2008	Dec. 2007	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	184,115	188,292	190,387	-2.2	-1.1	-1.2	182,559	188,545	191,669	180,578	1.1
Durable goods industries.....	115,956	116,700	116,603	-0.6	0.1	0.2	115,228	117,633	117,376	108,656	6.0
Wood products.....	4,256	4,268	4,322	-0.3	-1.2	-0.1	4,535	4,576	4,658	4,712	-3.8
Nonmetallic mineral products.....	4,630	4,702	4,890	-1.5	-3.8	-0.3	4,609	4,675	4,873	4,611	0.0
Primary metals.....	14,368	14,340	14,084	0.2	1.8	2.6	14,678	14,591	14,337	11,522	27.4
Fabricated metal products.....	16,350	16,928	17,082	-3.4	-0.9	-0.7	16,335	16,792	16,992	15,386	6.2
Machinery.....	21,201	21,537	21,322	-1.6	1.0	1.2	20,780	21,651	21,429	19,472	6.7
Computers and electronic products	15,398	15,376	15,612	0.1	-1.5	-0.2	15,279	15,639	15,752	15,555	-1.8
Electrical equipment, appliances, and components.....	5,853	5,894	6,094	-0.7	-3.3	-1.8	5,824	5,875	6,016	5,827	-0.1
Transportation equipment.....	22,454	22,288	21,894	0.7	1.8	0.3	21,910	22,461	22,021	20,574	6.5
Furniture and related products.....	3,693	3,725	3,697	-0.9	0.8	-2.4	3,640	3,699	3,656	3,734	-2.5
Miscellaneous products.....	7,753	7,642	7,606	1.5	0.5	-0.2	7,638	7,674	7,642	7,263	5.2
Nondurable goods industries.....	68,159	71,592	73,784	-4.8	-3.0	-3.3	67,331	70,912	74,293	71,922	-6.4
Food products.....	13,477	13,516	13,712	-0.3	-1.4	1.0	13,523	13,849	14,276	13,620	-0.7
Beverage and tobacco products.....	4,400	4,476	4,537	-1.7	-1.3	1.2	4,559	4,503	4,525	4,606	-1.0
Textiles.....	1,116	1,146	1,169	-2.6	-2.0	0.6	1,118	1,129	1,147	1,208	-7.5
Textile products.....	1,239	1,296	1,336	-4.4	-3.0	0.8	1,223	1,288	1,338	1,257	-2.7
Apparel.....	1,027	1,030	1,024	-0.3	0.6	-4.4	1,037	1,004	1,025	1,109	-6.5
Leather and allied products.....	358	356	366	0.6	-2.7	0.5	354	358	369	408	-13.2
Paper products.....	7,329	7,481	7,567	-2.0	-1.1	1.3	7,314	7,479	7,545	7,189	1.7
Printing.....	3,201	3,137	3,013	2.0	4.1	-2.1	3,095	3,107	3,036	3,098	-0.1
Petroleum and coal products.....	7,584	10,121	10,984	-25.1	-7.9	-9.8	7,038	9,640	11,207	10,552	-33.3
Chemical products.....	19,996	20,197	20,951	-1.0	-3.6	-6.2	19,610	19,841	20,743	20,262	-3.2
Plastics and rubber products.....	8,432	8,836	9,125	-4.6	-3.2	-1.6	8,460	8,714	9,082	8,613	-1.8
WORK IN PROCESS											
All manufacturing industries.....	167,618	166,349	165,668	0.8	0.4	-0.3	161,707	167,865	168,140	146,591	10.3
Durable goods industries	130,621	128,071	126,385	2.0	1.3	1.3	125,633	128,711	127,496	109,639	14.6
Wood products.....	1,842	1,918	1,956	-4.0	-1.9	0.6	1,798	1,899	1,932	1,961	-8.3
Nonmetallic mineral products.....	1,410	1,408	1,387	0.1	1.5	2.5	1,332	1,318	1,310	1,256	6.1
Primary metals.....	9,240	10,019	10,561	-7.8	-5.1	-2.4	8,849	9,948	10,435	9,610	-7.9
Fabricated metal products.....	13,383	13,418	13,467	-0.3	-0.4	0.7	12,927	13,333	13,594	12,610	2.5
Machinery.....	15,851	15,466	15,561	2.5	-0.6	-0.9	14,901	15,746	15,731	13,519	10.2
Computers and electronic products	22,156	21,857	21,660	1.4	0.9	2.1	21,270	22,255	22,028	18,558	14.6
Electrical equipment, appliances, and components.....	3,164	3,165	3,208	0.0	-1.3	0.3	3,014	3,064	3,126	3,007	0.2
Transportation equipment.....	58,932	56,103	53,819	5.0	4.2	2.7	57,087	56,398	54,528	44,584	28.0
Furniture and related products.....	1,214	1,241	1,262	-2.2	-1.7	-2.3	1,197	1,232	1,248	1,274	-6.0
Miscellaneous products.....	3,429	3,476	3,504	-1.4	-0.8	0.3	3,258	3,518	3,564	3,260	-0.1
Nondurable goods industries.....	36,997	38,278	39,283	-3.3	-2.6	-4.9	36,074	39,154	40,644	36,952	-2.4
Food products.....	2,301	2,431	2,535	-5.3	-4.1	7.3	2,482	2,879	3,069	2,682	-7.5
Beverage and tobacco products.....	4,201	4,178	4,201	0.6	-0.5	-1.6	4,504	4,525	4,531	4,590	-1.9
Textiles.....	827	881	881	-6.1	0.0	-3.1	810	883	886	892	-9.2
Textile products.....	404	401	421	0.7	-4.8	1.0	375	402	425	398	-5.8
Apparel.....	625	629	640	-0.6	-1.7	-1.8	592	614	644	642	-7.8
Leather and allied products.....	112	114	106	-1.8	7.5	10.4	106	109	102	84	26.2
Paper products.....	1,461	1,579	1,561	-7.5	1.2	0.7	1,455	1,553	1,534	1,545	-5.8
Printing.....	1,722	1,681	1,643	2.4	2.3	-2.0	1,528	1,718	1,820	1,653	-7.6
Petroleum and coal products.....	7,159	8,694	9,354	-17.7	-7.1	-23.7	6,552	8,755	9,790	9,443	-30.6
Chemical products.....	15,764	15,151	15,399	4.0	-1.6	5.6	15,309	15,206	15,325	12,549	22.0
Plastics and rubber products.....	2,421	2,539	2,542	-4.6	-0.1	-0.8	2,361	2,510	2,518	2,474	-4.6
FINISHED GOODS											
All manufacturing industries.....	192,568	197,612	198,935	-2.6	-0.7	-0.3	185,255	196,500	199,372	188,783	-1.9
Durable goods industries	96,907	97,488	98,180	-0.6	-0.7	-0.4	92,591	96,859	97,507	93,306	-0.8
Wood products.....	4,212	4,211	4,328	0.0	-2.7	-1.1	3,970	3,985	4,167	4,433	-10.4
Nonmetallic mineral products.....	5,908	5,915	5,792	-0.1	2.1	0.5	5,750	5,656	5,496	5,715	0.6
Primary metals.....	8,574	9,292	10,148	-7.7	-8.4	-4.4	8,408	9,094	9,910	9,445	-11.0
Fabricated metal products.....	13,981	14,064	14,177	-0.6	-0.8	-1.3	13,456	13,745	13,993	13,388	0.5
Machinery.....	18,258	18,187	17,986	0.4	1.1	0.7	17,833	18,130	17,550	17,496	1.9
Computers and electronic products	10,571	10,245	10,147	3.2	1.0	-0.2	10,233	10,356	10,306	9,675	5.8
Electrical equipment, appliances, and components.....	5,908	5,881	5,870	0.5	0.2	-1.6	5,589	5,850	5,879	5,557	0.6
Transportation equipment.....	14,080	14,316	14,423	-1.6	-0.7	0.7	12,436	14,542	14,646	13,019	-4.5
Furniture and related products.....	2,727	2,772	2,829	-1.6	-2.0	1.2	2,562	2,774	2,840	2,839	-9.8
Miscellaneous products.....	12,688	12,605	12,480	0.7	1.0	1.0	12,354	12,727	12,720	11,739	5.2
Nondurable goods industries.....	95,661	100,124	100,755	-4.5	-0.6	-0.2	92,664	99,641	101,865	95,477	-2.9
Food products.....	21,167	21,162	20,968	0.0	0.9	-1.1	20,623	21,645	22,102	20,134	2.4
Beverage and tobacco products.....	6,588	6,512	6,407	1.2	1.6	0.3	6,036	6,468	6,665	5,703	5.8
Textiles.....	1,715	1,679	1,661	2.1	1.1	1.8	1,703	1,664	1,643	1,629	4.5
Textile products.....	1,575	1,568	1,545	0.4	1.5	-0.9	1,525	1,548	1,559	1,584	-3.7
Apparel.....	2,597	2,676	2,732	-3.0	-2.0	0.3	2,451	2,536	2,772	2,469	-0.7
Leather and allied products.....	604	584	555	3.4	5.2	-0.9	584	581	550	500	16.8
Paper products.....	6,494	6,646	6,647	-2.3	0.0	1.9	6,373	6,592	6,535	6,487	-1.8
Printing.....	1,995	2,004	2,014	-0.4	-0.5	2.3	1,869	1,992	2,079	1,880	-0.6
Petroleum and coal products.....	12,012	13,101	14,435	-8.3	-9.2	-6.4	11,239	12,980	14,780	13,013	-13.6
Chemical products.....	30,514	33,091	32,645	-7.8	1.4	2.4	30,125	32,790	32,212	31,694	-5.0
Plastics and rubber products.....	10,400	11,101	11,146	-6.3	-0.4	0.7	10,136	10,845	10,968	10,384	-2.4

^p Preliminary^r Revised

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

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

[Based on Seasonally Adjusted data]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Dec 2008 ^p	Nov 2008 ^r	Oct 2008	Sep 2008	Dec 2008 ^p	Nov 2008 ^r	Oct 2008	Sep 2008
All manufacturing industries ²	1.44	1.42	1.33	1.29	(X)	(X)	(X)	(X)
Durable goods industries ²	1.80	1.78	1.70	1.63	5.82	5.87	5.69	5.50
Wood products.....	1.36	1.34	1.32	1.34	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.47	1.45	1.35	1.31	(X)	(X)	(X)	(X)
Primary metals.....	1.94	1.87	1.75	1.58	1.17	1.18	1.17	1.18
Fabricated metal products.....	1.69	1.65	1.62	1.61	2.34	2.28	2.28	2.28
Machinery.....	1.91	1.95	1.93	1.81	3.86	4.14	4.20	4.06
Computers and electronic products ²	1.63	1.60	1.52	1.54	5.63	5.50	5.36	5.32
Electrical equipment, appliances, and components.....	1.58	1.59	1.47	1.46	2.59	2.61	2.48	2.56
Transportation equipment.....	2.05	2.02	1.87	1.74	14.17	14.90	14.18	13.48
Furniture and related products.....	1.31	1.32	1.29	1.24	1.21	1.24	1.27	1.29
Miscellaneous products.....	1.95	1.89	1.87	1.86	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.08	1.07	1.00	0.98	(X)	(X)	(X)	(X)
Food products.....	0.74	0.74	0.73	0.72	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.32	1.33	1.29	1.30	(X)	(X)	(X)	(X)
Textiles.....	1.50	1.46	1.37	1.32	(X)	(X)	(X)	(X)
Textile products.....	1.71	1.65	1.59	1.54	(X)	(X)	(X)	(X)
Apparel.....	1.72	1.74	1.75	1.69	(X)	(X)	(X)	(X)
Leather and allied products.....	2.47	2.41	2.24	2.06	(X)	(X)	(X)	(X)
Paper products.....	1.11	1.12	1.10	1.06	(X)	(X)	(X)	(X)
Printing.....	0.88	0.88	0.83	0.83	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.91	0.89	0.74	0.74	(X)	(X)	(X)	(X)
Chemical products.....	1.30	1.30	1.20	1.20	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.30	1.36	1.32	1.29	(X)	(X)	(X)	(X)

^p Preliminary

^r Revised

X Not Applicable

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

² Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes

[Based on Seasonally Adjusted data]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Dec ¹ 2008	Dec ² 2007- Nov 2008	Dec ¹ 2008	Dec ² 2007- Nov 2008	Dec ¹ 2008	Dec ² 2007- Nov 2008	Dec ¹ 2008	Dec ² 2007- Nov 2008
All manufacturing industries.....	(X)	0.3	(X)	0.6	(X)	0.2	(X)	0.1
Durable goods industries.....	-0.3	0.5	-0.4	0.9	-0.1	0.2	0.0	0.1
Wood products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.8
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	-0.1	0.6	-0.2	1.1	-0.1	0.6	-0.4	0.3
Fabricated metal products.....	-0.7	0.5	-0.5	1.0	0.0	0.3	0.0	0.2
Machinery.....	-0.2	0.4	-0.7	1.6	-0.2	0.5	0.0	0.2
Computers and electronic products.....	-0.3	1.0	0.7	0.9	-0.1	0.2	0.1	0.2
Electrical equipment, appliances, and components.....	-0.8	0.6	-0.9	3.6	0.0	1.5	0.1	0.5
Transportation equipment.....	0.0	0.6	-0.8	1.4	-0.1	0.1	0.1	0.1
Furniture and related products.....	(X)	0.5	(X)	0.7	(X)	0.5	(X)	0.3
Miscellaneous products.....	(X)	0.7	(X)	0.9	(X)	0.8	(X)	0.2
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5
Textile products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.5	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.8
Paper products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	1.1
Petroleum and coal products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.8
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Plastics and rubber products.....	(X)	0.5	(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.

Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,300 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 59 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 61 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

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

Additional survey documentation can be found on our web site: <http://www.census.gov/m3>.

2009 Release Dates for M3 Survey

Survey Month	Advance 8:30 A.M.	Preliminary 10:00 A.M.
November 2008	Dec. 24, 2008	Jan. 6, 2009
December 2008	Jan. 29, 2009	Feb. 5, 2009
January 2009	Feb. 26, 2009	Mar. 5, 2009
February 2009	Mar. 25, 2009	Apr. 2, 2009
March 2009	Apr. 24, 2009	May 1, 2009
April 2009	May 28, 2009	Jun. 3, 2009
May 2009	Jun. 24, 2009	Jul. 2, 2009
June 2009	Jul. 29, 2009	Aug. 5, 2009
July 2009	Aug. 26, 2009	Sep. 2, 2009
August 2009	Sep. 25, 2009	Oct. 2, 2009
September 2009	Oct. 28, 2009	Nov. 3, 2009
October 2009	Nov. 25, 2009	Dec. 4, 2009
November 2009	Dec. 24, 2009	