

# U.S. Census Bureau News

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

FOR IMMEDIATE RELEASE  
TUESDAY, JANUARY 6, 2009, AT 10:00 A.M. EST

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M3-2 (08)-11  
CB09-003

## Full Report on Manufacturers' Shipments, Inventories and Orders November 2008

### Summary

New orders for manufactured goods in November, down four consecutive months, decreased \$18.7 billion or 4.6 percent to \$384.6 billion, the U.S. Census Bureau reported today. This followed a 6.0 percent October decrease. Excluding transportation, new orders decreased 4.2 percent.

Shipments, also down four consecutive months, decreased \$22.1 billion or 5.3 percent to \$393.8 billion. This was the largest percent decrease since the series was first published on a NAICS basis in 1992 and followed a 3.6 percent October decrease.

Unfilled orders, down two consecutive months, decreased \$5.3 billion or 0.6 percent to \$815.4 billion. This followed a 0.9 percent October decrease. The unfilled orders-to-shipments ratio was 5.82, up from 5.69 in October.

Inventories, down three consecutive months, decreased \$1.6 billion or 0.3 percent to \$553.4 billion. This followed a 0.6 percent October decrease. The inventories-to-shipments ratio was 1.41, up from 1.33 in October.

### New Orders

New orders for manufactured durable goods in November, down four consecutive months, decreased \$2.8 billion or 1.5 percent to \$185.7 billion, revised from the previously published 1.0 percent decrease. This followed an 8.5 percent October decrease.

Transportation equipment, down three of the last four months, had the largest decrease, \$3.6 billion or 7.6 percent to \$44.1 billion.

New orders for manufactured nondurable goods decreased \$15.9 billion or 7.4 percent to \$198.9 billion.

### Shipments

Shipments of manufactured durable goods in November, down four consecutive months, decreased \$6.2 billion or 3.1 percent to \$194.9 billion, revised from the previously published 2.6 percent decrease. This followed a 3.4 percent October decrease.

Transportation equipment, down three of the last four months, had the largest decrease, \$1.7 billion or 3.6 percent to \$46.3 billion.

Shipments of manufactured nondurable goods, down four consecutive months, decreased \$15.9 billion or 7.4 percent to \$198.9 billion. This was also the largest percent decrease since the series was first stated on a NAICS basis in 1992 and followed a 3.8 percent October decrease. This decrease was led by petroleum and coal products, which decreased \$9.9 billion or 21.0 percent to \$37.1 billion. Petroleum and coal products also had the largest percent decrease since the series was first stated on a NAICS basis in 1992.

### Unfilled Orders

Unfilled orders for manufactured durable goods in November, down two consecutive months, decreased \$5.3 billion or 0.6 percent to \$815.4 billion, unchanged from the previously published decrease. This followed a 0.9 percent October decrease.

Transportation equipment, down two consecutive months, had the largest decrease, \$2.2 billion or 0.5 percent to \$467.9 billion.

### Inventories

Inventories of manufactured durable goods in November, up sixteen of the last seventeen months, increased \$1.5 billion or 0.4 percent to \$342.7 billion, revised from the previously published 0.5 percent increase. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.4 percent October increase.

Transportation equipment, up twenty-two of the last twenty-three months, had the largest increase, \$2.4 billion or 2.7 percent to \$92.6 billion.

Inventories of manufactured nondurable goods, down three consecutive months, decreased \$3.1 billion or 1.4 percent to \$210.8 billion. This followed a 2.2 percent October decrease. Petroleum and coal products led the decrease, down \$2.4 billion or 7.0 percent to \$32.3 billion.

By stage of fabrication, November materials and supplies increased 0.4 percent in durable goods and decreased 2.9 percent in nondurable goods. Work in process increased 1.3 percent in durable goods and decreased 2.3 percent in nondurable goods. Finished goods decreased 0.5 percent in durable goods and 0.1 percent in nondurable goods.

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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 December is scheduled for release on January 29, 2009, at 8:30 a.m. EST and the full report on February 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 <sup>1</sup>						
	Monthly			Percent Change			Monthly				Year to date		
	Nov. 2008 <sup>p</sup>	Oct. 2008 <sup>r</sup>	Sept. 2008	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2008 <sup>p</sup>	Oct. 2008 <sup>r</sup>	Sept. 2008	Nov. 2007	2008 <sup>p</sup>	2007	Percent 2008/2007
All manufacturing industries .....	393,795	415,900	431,492	-5.3	-3.6	-3.1	375,693	431,372	448,947	427,915	4,818,123	4,660,547	3.4
Excluding transportation .....	347,464	367,827	380,665	-5.5	-3.4	-3.8	331,246	380,252	395,198	370,677	4,246,341	4,021,551	5.6
Excluding defense .....	382,091	403,802	419,296	-5.4	-3.7	-3.3	363,654	419,444	436,065	417,914	4,690,863	4,557,416	2.9
With unfilled orders .....	140,097	144,247	150,543	-2.9	-4.2	0.1	131,364	147,079	160,182	144,624	1,652,784	1,639,220	0.8
Durable goods industries .....	194,929	201,119	208,240	-3.1	-3.4	0.0	182,734	208,711	220,680	208,074	2,305,395	2,354,816	-2.1
Wood products.....	7,895	8,029	7,963	-1.7	0.8	-1.8	7,307	8,428	8,537	7,843	90,055	94,558	-4.8
Nonmetallic mineral products.....	8,313	8,925	9,188	-6.9	-2.9	-0.4	7,795	9,843	9,640	9,415	102,142	111,333	-8.3
Primary metals.....	18,230	19,843	22,260	-8.1	-10.9	-3.7	16,021	20,628	22,850	19,060	241,773	223,971	7.9
Iron and steel mills.....	8,614	9,926	11,694	-13.2	-15.1	-5.5	7,531	10,313	11,927	9,088	123,542	106,146	16.4
Aluminum and nonferrous metals.....	7,928	8,108	8,639	-2.2	-6.1	-2.4	7,026	8,392	8,858	8,408	97,944	99,192	-1.3
Ferrous metal foundries.....	1,688	1,809	1,927	-6.7	-6.1	1.6	1,464	1,923	2,065	1,564	20,287	18,633	8.9
Fabricated metal products.....	27,466	27,563	27,848	-0.4	-1.0	-0.3	25,396	28,906	29,301	25,900	307,160	302,570	1.5
Machinery.....	28,685	28,461	30,105	0.8	-5.5	4.0	25,584	28,759	30,832	25,941	319,003	302,948	5.3
Farm machinery.....	2,672	2,646	3,006	1.0	-12.0	10.5	1,961	2,471	2,924	1,643	26,875	21,390	25.6
Construction machinery.....	2,581	2,562	2,499	0.7	2.5	2.3	2,187	2,638	2,437	2,096	26,605	24,281	9.6
Mining, oil field, and gas field machinery.....	1,748	1,824	1,674	-4.2	9.0	3.5	1,701	1,819	1,766	1,407	17,457	15,688	11.3
Industrial machinery.....	2,741	2,682	2,785	2.2	-3.7	0.5	2,223	3,026	2,933	2,530	31,552	35,319	-10.7
Photographic equipment.....	525	571	575	-8.1	-0.7	5.3	561	629	604	635	5,979	6,746	-11.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,378	3,582	3,758	-5.7	-4.7	-3.3	3,118	3,455	4,114	3,531	43,357	39,851	8.8
Metalworking machinery.....	2,332	2,344	2,407	-0.5	-2.6	1.1	2,127	2,494	2,557	2,265	26,502	25,316	4.7
Turbines, generators, and other power transmission equipment.....	3,974	3,461	4,401	14.8	-21.4	23.4	3,752	3,480	4,389	3,562	41,584	37,850	9.9
Material handling equipment.....	2,345	2,349	2,357	-0.2	-0.3	-0.6	2,115	2,343	2,394	2,266	27,245	25,443	7.1
Computers and electronic products.....	29,859	31,260	30,574	-4.5	2.2	-2.3	28,755	31,304	34,668	32,427	345,136	348,767	-1.0
Computers.....	2,419	2,760	2,701	-12.4	2.2	-6.0	2,228	3,161	2,779	3,331	32,617	36,677	-11.1
Computer storage devices.....	577	626	702	-7.8	-10.8	15.8	427	370	1,122	553	6,772	7,042	-3.8
Other peripheral equipment.....	1,281	1,240	1,300	3.3	-4.6	1.2	1,219	1,117	1,641	1,343	14,201	14,456	-1.8
Nondefense communications equipment.....	4,997	4,692	4,914	6.5	-4.5	0.7	5,105	3,975	6,321	5,036	54,097	55,191	-2.0
Defense communications equipment.....	722	766	735	-5.7	4.2	16.9	761	744	780	605	7,491	5,814	28.8
Audio and video equipment.....	541	600	629	-9.8	-4.6	3.3	685	776	600	1,062	6,972	8,434	-17.3
Semiconductors.....	3,899	5,032	3,902	-22.5	29.0	-14.3	3,593	6,330	3,461	5,582	54,058	59,289	-8.8
Electronic components.....	3,573	3,727	3,847	-4.1	-3.1	-0.5	3,513	3,570	4,293	3,997	42,616	44,208	-3.6
Nondefense search and navigation equipment.....	875	939	988	-6.8	-5.0	4.7	827	877	1,147	1,058	10,589	10,834	-2.3
Defense search and navigation equipment.....	2,866	2,783	2,724	3.0	2.2	1.9	2,911	2,774	2,774	2,655	29,938	28,621	4.6
Electromedical, measuring, and control instruments.....	7,596	7,567	7,601	0.4	-0.4	-2.9	6,872	6,984	9,157	6,538	79,891	72,266	10.6
Electrical equipment, appliances, and components.....	9,633	10,330	10,527	-6.7	-1.9	-0.3	9,151	10,588	11,374	10,340	116,095	116,876	-0.7
Electric lighting equipment.....	971	1,019	1,025	-4.7	-0.6	-0.4	900	1,036	1,152	1,040	11,192	12,404	-9.8
Household appliances.....	1,733	1,899	1,843	-8.7	3.0	-0.1	1,654	1,986	2,050	1,980	20,845	21,969	-5.1
Electrical equipment.....	3,140	3,427	3,501	-8.4	-2.1	0.3	2,869	3,359	3,824	3,283	38,512	37,765	2.0
Batteries.....	840	882	930	-4.8	-5.2	6.3	1,018	1,004	964	855	9,237	7,426	24.4
Transportation equipment.....	46,331	48,073	50,827	-3.6	-5.4	2.1	44,447	51,120	53,749	57,238	571,782	638,996	-10.5
Automobiles.....	6,271	6,427	6,855	-2.4	-6.2	2.0	5,830	7,335	7,273	8,018	76,435	89,888	-15.0
Light trucks and utility vehicles.....	7,200	7,232	7,682	-0.4	-5.9	2.7	6,651	8,417	8,246	11,278	92,617	127,667	-27.5
Heavy duty trucks.....	1,326	1,263	1,386	5.0	-8.9	9.6	1,239	1,373	1,442	1,368	15,291	17,541	-12.8
Motor vehicle bodies, parts, and trailers.....	14,712	14,597	15,208	0.8	-4.0	3.5	13,713	16,131	15,673	17,727	177,775	211,405	-15.9
Nondefense aircraft and parts.....	6,173	6,861	7,695	-10.0	-10.8	-5.4	6,165	6,284	7,979	9,114	86,568	90,946	-4.8
Defense aircraft and parts.....	4,423	4,757	5,201	-7.0	-8.5	10.5	4,617	4,683	5,623	3,479	49,913	35,762	39.6
Ships and boats.....	2,163	2,227	2,060	-2.9	8.1	-7.9	2,162	2,192	2,122	2,240	25,192	24,275	3.8
Furniture and related products.....	5,882	6,037	6,327	-2.6	-4.6	-1.4	5,718	6,245	6,507	6,722	70,709	75,786	-6.7
Miscellaneous durable goods.....	12,635	12,598	12,621	0.3	-0.2	-2.7	12,560	12,890	13,222	13,188	141,540	139,011	1.8
Nondurable goods industries.....	198,866	214,781	223,252	-7.4	-3.8	-5.8	192,959	222,661	228,267	219,841	2,512,728	2,305,731	9.0
Food products.....	50,870	51,103	51,691	-0.5	-1.1	-0.1	51,869	53,688	53,324	50,599	561,385	524,134	7.1
Grain and oilseed milling.....	6,049	6,173	6,250	-2.0	-1.2	1.7	6,178	6,704	6,491	5,666	66,198	55,413	19.5
Dairy products.....	6,824	6,958	7,039	-1.9	-1.2	-0.4	6,962	7,099	7,110	7,877	79,462	78,581	1.1
Meat, poultry, and seafood products.....	15,324	15,461	15,809	-0.9	-2.2	0.5	15,436	15,690	15,881	14,724	168,922	158,989	6.2
Beverage and tobacco products.....	11,395	11,712	11,613	-2.7	0.9	-0.6	11,403	11,821	11,612	11,353	126,479	121,655	4.0
Beverages.....	7,993	7,906	7,869	1.1	0.5	0.6	8,001	8,015	7,868	7,836	86,044	82,041	4.9
Tobacco.....	3,402	3,806	3,744	-10.6	1.7	-3.1	3,402	3,806	3,744	3,517	40,435	39,614	2.1
Textile mills.....	2,545	2,701	2,813	-5.8	-4.0	-1.8	2,444	2,825	2,891	2,884	31,457	33,939	-7.3
Textile products.....	1,996	2,077	2,147	-3.9	-3.3	-3.5	1,916	2,136	2,150	2,412	25,140	28,360	-11.4
Apparel.....	2,511	2,505	2,629	0.2	-4.7	-0.9	2,713	2,791	2,751	2,859	28,974	27,519	5.3
Leather and allied products.....	442	459	496	-3.7	-7.5	4.0	407	477	562	486	5,284	5,810	-9.1
Paper products.....	14,166	14,383	14,704	-1.5	-2.2	-0.4	13,545	14,790	14,975	13,995	158,907	154,717	2.7
Pulp, paper, and paperboard mills.....	6,828	6,901	7,036	-1.1	-1.9	-1.0	6,432	7,037	7,141	6,656	76,456	74,305	2.9
Paperboard containers.....	3,784	4,012	4,111	-5.7	-2.4	-0.2	3,583	4,291	4,187	3,987	44,782	43,994	1.8
Printing.....	8,024	8,058	8,070	-0.4	-0.1	-0.7	8,393	8,814	8,382	9,134	90,172	93,306	-3.4
Petroleum and coal products.....	37,079	46,956	53,755	-21.0	-12.6	-16.8	34,955	48,582	56,092	54,728	648,053	511,142	26.8
Petroleum refineries.....	34,185	43,801	50,601	-22.0	-13.4	-17.5	32,394	44,901	52,586	52,331	615,378	481,791	27.7
Chemical products.....	53,177	57,585	57,542	-7.7	0.1	-4.4	49,960	58,576	57,375	54,265	640,644	609,761	5.1
Pesticides, fertilizers, and other agricultural chemicals.....	3,343	3,707	3,845	-9.8	-3.6	-3.5	2,238	2,856	3,311	2,305	39,472	30,428	29.7
Pharmaceuticals and medicines.....	14,439	14,599	14,707	-1.1	-0.7	4.5	14,433	15,841	14,498	14,187	159,105	163,911	-2.9
Paints, coatings, and adhesives.....	2,544	2,698	2,680	-5.7	0.7	-3.3	2,152	2,821	2,722	2,556	30,595	31,563	-3.1
Plastics and rubber products.....	16,661	17,242	17,792	-3.4	-3.1	0.3	15,354	18,161	18,153	17,126	196,233	195,388	0.4

<sup>p</sup> Preliminary <sup>r</sup> Revised NA Not available.<sup>1</sup> 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 <sup>1</sup>						
	Monthly			Percent Change			Monthly				Year to date		
	Nov. 2008 <sup>p</sup>	Oct. 2008 <sup>r</sup>	Sept. 2008	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2008 <sup>p</sup>	Oct. 2008 <sup>r</sup>	Sept. 2008	Nov. 2007	2008 <sup>p</sup>	2007	Percent 2008/2007
All manufacturing industries <sup>2</sup> .....	384,586	403,315	429,286	-4.6	-6.0	-3.1	363,825	415,242	442,008	428,971	4,790,649	4,684,783	2.3
Excluding transportation <sup>2</sup> .....	340,446	355,543	374,477	-4.2	-5.1	-4.3	322,222	366,371	387,186	365,241	4,197,587	3,983,083	5.4
Excluding defense <sup>2</sup> .....	373,587	392,117	413,595	-4.7	-5.2	-4.0	353,221	403,905	426,609	421,296	4,661,367	4,585,110	1.7
With unfilled orders <sup>2</sup> .....	134,787	136,694	152,239	-1.4	-10.2	-0.3	123,089	137,279	156,704	151,262	1,679,368	1,722,745	-2.5
Durable goods industries <sup>2</sup> .....	185,720	188,534	206,034	-1.5	-8.5	0.0	170,866	192,581	213,741	209,130	2,277,921	2,379,052	-4.3
Primary metals.....	16,372	16,834	20,113	-2.7	-16.3	-5.9	14,303	16,943	19,850	19,784	234,504	223,236	5.0
Iron and steel mills.....	6,717	7,436	9,866	-9.7	-24.6	-8.5	5,752	7,410	9,392	9,798	117,795	105,857	11.3
Aluminum and nonferrous metals.....	7,892	7,725	8,307	2.2	-7.0	-3.9	6,991	7,767	8,417	8,409	96,442	98,763	-2.4
Ferrous metal foundries.....	1,763	1,673	1,940	5.4	-13.8	0.0	1,560	1,766	2,041	1,577	20,267	18,616	8.9
Fabricated metal products.....	26,747	26,667	27,470	0.3	-2.9	-0.9	23,662	27,404	28,335	25,538	305,693	305,625	0.0
Machinery.....	27,854	27,206	30,643	2.4	-11.2	0.2	24,463	28,046	30,496	26,647	332,059	312,811	6.2
Construction machinery.....	1,929	1,875	2,919	2.9	-35.8	5.0	1,566	1,990	2,418	1,951	28,963	24,320	19.1
Mining, oil field, and gas field machinery.....	1,896	1,805	1,938	5.0	-6.9	4.1	1,945	1,865	1,981	1,437	20,326	15,872	28.1
Industrial machinery.....	2,570	2,282	2,683	12.6	-14.9	-5.1	1,956	3,005	2,578	2,592	32,649	37,330	-12.5
Photographic equipment.....	514	586	737	-12.3	-20.5	43.4	506	637	776	609	6,300	6,727	-6.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,401	3,846	3,586	-11.6	7.3	-18.0	2,891	3,666	3,892	3,978	47,070	43,996	7.0
Metalworking machinery.....	2,164	2,163	2,411	0.0	-10.3	-4.9	1,930	2,349	2,511	2,424	27,095	26,542	2.1
Turbines, generators, and other power transmission equipment.....	4,594	3,826	4,384	20.1	-12.7	26.5	4,406	3,615	4,047	3,472	42,925	37,755	13.7
Material handling equipment.....	2,111	2,069	2,285	2.0	-9.5	-14.6	1,921	1,963	2,559	2,417	26,664	26,411	1.0
Computers and electronic products <sup>2</sup> .....	27,165	25,627	26,949	6.0	-4.9	-2.5	25,542	24,677	31,811	25,989	293,372	294,840	-0.5
Computers.....	2,969	2,426	2,721	22.4	-10.8	-7.9	2,778	2,827	2,799	3,399	33,040	36,755	-10.1
Nondefense communications equipment.....	5,092	4,961	4,495	2.6	10.4	-19.4	4,798	4,539	6,033	4,284	54,408	55,666	-2.3
Defense communications equipment.....	649	738	775	-12.1	-4.8	23.4	597	664	951	558	7,858	6,347	23.8
Semiconductors <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,516	3,548	3,846	-0.9	-7.7	-3.8	3,183	3,380	4,169	3,821	42,680	44,687	-4.5
Nondefense search and navigation equipment.....	2,003	1,025	913	95.4	12.3	-21.0	1,905	937	1,178	1,035	12,719	12,043	5.6
Defense search and navigation equipment.....	2,948	2,476	3,209	19.1	-22.8	19.4	2,969	2,396	3,483	2,494	29,200	28,850	1.2
Electromedical, measuring, and control instruments.....	7,076	7,459	7,828	-5.1	-4.7	3.2	6,367	7,045	9,242	6,773	79,628	74,625	6.7
Electrical equipment, appliances, and components.....	8,988	9,155	10,190	-1.8	-10.2	-1.1	8,301	9,436	10,651	10,225	115,396	118,498	-2.6
Electric lighting equipment.....	816	715	1,130	14.1	-36.7	16.9	654	675	1,145	939	10,940	12,769	-14.3
Household appliances.....	1,685	1,673	1,872	0.7	-10.6	2.1	1,616	1,792	2,046	1,896	20,732	22,229	-6.7
Electrical equipment.....	2,844	3,050	3,329	-6.8	-8.4	-1.2	2,548	3,074	3,490	3,405	38,727	39,985	-3.1
Transportation equipment.....	44,140	47,772	54,809	-7.6	-12.8	5.5	41,603	48,871	54,822	63,730	593,062	701,700	-15.5
Motor vehicle bodies, parts, and trailers.....	14,277	14,292	14,905	-0.1	-4.1	1.7	13,373	15,695	15,118	18,137	175,071	209,250	-16.3
Nondefense aircraft and parts.....	5,610	9,003	9,866	-37.7	-8.7	28.8	5,343	6,118	8,764	17,709	110,516	156,026	-29.2
Defense aircraft and parts.....	4,772	5,356	5,839	-10.9	-8.3	12.5	5,010	5,166	5,617	2,831	52,672	32,776	60.7
Ships and boats.....	1,700	1,346	3,790	26.3	-64.5	93.9	1,467	1,357	3,708	1,683	24,384	24,177	0.9
Furniture and related products.....	5,475	5,647	6,062	-3.0	-6.8	-6.5	5,194	5,969	6,351	6,690	70,492	76,681	-8.1
Nondurable goods industries.....	198,866	214,781	223,252	-7.4	-3.8	-5.8	192,959	222,661	228,267	219,841	2,512,728	2,305,731	9.0

<sup>p</sup> Preliminary<sup>r</sup> Revised

NA Not available.

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

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				Percent Change Nov. 08/07
	Monthly			Percent Change			Monthly				
	Nov. 2008 <sup>P</sup>	Oct. 2008 <sup>r</sup>	Sept. 2008	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2008 <sup>P</sup>	Oct. 2008 <sup>r</sup>	Sept. 2008	Nov. 2007	
All manufacturing industries <sup>1</sup> .....	815,362	820,672	828,225	-0.6	-0.9	0.2	798,400	806,675	816,475	741,403	7.7
Excluding transportation <sup>1</sup> .....	347,446	350,565	357,817	-0.9	-2.0	-0.6	340,325	345,756	353,307	330,260	3.0
Excluding defense <sup>1</sup> .....	657,651	662,256	668,909	-0.7	-1.0	-0.3	645,069	651,909	661,118	598,212	7.8
Durable goods industries <sup>1</sup> .....	815,362	820,672	828,225	-0.6	-0.9	0.2	798,400	806,675	816,475	741,403	7.7
Primary metals.....	21,345	23,203	26,212	-8.0	-11.5	-7.6	19,994	21,712	25,397	26,210	-23.7
Iron and steel mills.....	11,498	13,395	15,885	-14.2	-15.7	-10.3	10,703	12,482	15,385	15,881	-32.6
Aluminum and nonferrous metals.....	6,849	6,885	7,268	-0.5	-5.3	-4.4	6,375	6,410	7,035	7,373	-13.5
Ferrous metal foundries.....	2,998	2,923	3,059	2.6	-4.4	0.4	2,916	2,820	2,977	2,956	-1.4
Fabricated metal products.....	59,941	60,660	61,556	-1.2	-1.5	-0.6	57,952	59,686	61,188	58,304	-0.6
Machinery.....	105,239	106,070	107,325	-0.8	-1.2	0.5	103,443	104,564	105,277	88,247	17.2
Construction machinery.....	14,224	14,876	15,563	-4.4	-4.4	2.8	13,434	14,055	14,703	10,800	24.4
Mining, oil field, and gas field machinery.....	7,566	7,418	7,437	2.0	-0.3	3.7	7,700	7,456	7,410	4,465	72.5
Industrial machinery.....	16,213	16,384	16,784	-1.0	-2.4	-0.6	16,008	16,275	16,296	15,018	6.6
Photographic equipment.....	1,860	1,871	1,856	-0.6	0.8	9.6	1,827	1,882	1,874	1,601	14.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	17,351	17,328	17,064	0.1	1.5	-1.0	17,211	17,438	17,227	12,728	35.2
Metalworking machinery.....	8,376	8,544	8,725	-2.0	-2.1	0.0	8,272	8,469	8,614	7,578	9.2
Turbines, generators, and other power transmission equipment.....	15,342	14,722	14,357	4.2	2.5	-0.1	14,869	14,215	14,080	12,879	15.5
Material handling equipment.....	9,619	9,853	10,133	-2.4	-2.8	-0.7	9,325	9,519	9,899	9,716	-4.0
Computers and electronic products <sup>1</sup> .....	125,765	124,560	125,161	1.0	-0.5	0.2	124,061	123,681	123,978	120,115	3.3
Computers.....	4,140	3,590	3,924	15.3	-8.5	0.5	4,140	3,590	3,924	3,563	16.2
Nondefense communications equipment.....	29,478	29,383	29,114	0.3	0.9	-1.4	29,038	29,345	28,781	28,750	1.0
Defense communications equipment.....	8,174	8,247	8,275	-0.9	-0.3	0.5	8,057	8,221	8,301	7,308	10.2
Semiconductors <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,553	10,610	10,789	-0.5	-1.7	0.0	10,320	10,650	10,840	10,479	-1.5
Nondefense search and navigation equipment.....	8,820	7,692	7,606	14.7	1.1	-1.0	8,731	7,653	7,593	6,760	29.2
Defense search and navigation equipment.....	37,184	37,102	37,409	0.2	-0.8	1.3	36,463	36,405	36,783	36,149	0.9
Electromedical, measuring, and control instruments.....	27,416	27,936	28,044	-1.9	-0.4	0.8	27,312	27,817	27,756	27,106	0.8
Electrical equipment, appliances, and components.....	22,786	23,431	24,606	-2.8	-4.8	-1.4	22,365	23,215	24,367	23,472	-4.7
Electric lighting equipment.....	2,255	2,410	2,714	-6.4	-11.2	4.0	2,104	2,350	2,711	2,359	-10.8
Household appliances.....	427	475	701	-10.1	-32.2	4.3	459	497	691	770	-40.4
Electrical equipment.....	14,972	15,268	15,645	-1.9	-2.4	-1.1	14,944	15,265	15,550	15,255	-2.0
Transportation equipment.....	467,916	470,107	470,408	-0.5	-0.1	0.9	458,075	460,919	463,168	411,143	11.4
Motor vehicle bodies, parts, and trailers.....	16,302	16,737	17,042	-2.6	-1.8	-1.7	15,861	16,201	16,637	18,278	-13.2
Nondefense aircraft and parts.....	310,686	311,249	309,107	-0.2	0.7	0.7	304,563	305,385	305,551	262,338	16.1
Defense aircraft and parts.....	47,418	47,069	46,470	0.7	1.3	1.4	46,061	45,668	45,185	39,161	17.6
Ships and boats.....	20,209	20,672	21,553	-2.2	-4.1	8.7	19,195	19,890	20,723	19,464	-1.4
Furniture and related products.....	6,407	6,814	7,204	-6.0	-5.4	-3.5	6,547	7,071	7,347	7,562	-13.4

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

Table 4. Value of Manufacturers' Inventories for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				Percent Change Nov. 08/07
	Monthly			Percent Change			Monthly				
	Nov. 2008 <sup>p</sup>	Oct. 2008 <sup>r</sup>	Sept. 2008	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2008 <sup>p</sup>	Oct. 2008 <sup>r</sup>	Sept. 2008	Nov. 2007	
All manufacturing industries .....	553,426	554,990	558,296	-0.3	-0.6	-0.8	553,947	559,181	559,375	526,508	5.2
Excluding transportation .....	460,866	464,854	469,720	-0.9	-1.0	-0.9	460,537	467,986	470,734	446,452	3.2
Excluding defense .....	528,239	530,218	533,977	-0.4	-0.7	-0.8	528,715	534,309	534,992	503,822	4.9
With unfilled orders .....	274,847	273,466	272,691	0.5	0.3	0.0	275,541	274,776	271,925	251,977	9.4
Durable goods industries .....	342,672	341,168	339,728	0.4	0.4	0.2	343,504	342,379	338,638	318,076	8.0
Wood products.....	10,554	10,606	10,648	-0.5	-0.4	1.0	10,640	10,757	10,712	11,239	-5.3
Nonmetallic mineral products.....	12,036	12,069	12,024	-0.3	0.4	0.4	11,650	11,679	11,810	11,312	3.0
Primary metals.....	33,985	34,793	35,168	-2.3	-1.1	0.3	33,709	34,682	35,268	30,413	10.8
Iron and steel mills.....	19,924	20,272	20,335	-1.7	-0.3	1.4	19,857	20,315	20,570	16,324	21.6
Aluminum and nonferrous metals.....	11,270	11,691	12,042	-3.6	-2.9	-2.0	11,061	11,545	12,013	11,504	-3.9
Ferrous metal foundries.....	2,791	2,830	2,791	-1.4	1.4	2.2	2,791	2,822	2,685	2,585	8.0
Fabricated metal products.....	44,614	44,726	44,942	-0.3	-0.5	0.3	43,969	44,579	44,847	41,221	6.7
Machinery.....	55,168	54,869	54,629	0.5	0.4	0.4	55,504	54,710	54,225	52,315	6.1
Farm machinery.....	3,509	3,310	3,171	6.0	4.4	1.1	3,462	2,953	2,944	2,688	28.8
Construction machinery.....	5,614	5,649	5,760	-0.6	-1.9	2.0	5,624	5,647	5,748	5,288	6.4
Mining, oil field, and gas field machinery.....	4,634	4,684	4,581	-1.1	2.2	2.6	4,625	4,659	4,540	4,146	11.6
Industrial machinery.....	6,952	6,900	6,909	0.8	-0.1	0.2	7,055	6,756	6,900	6,645	6.2
Photographic equipment.....	1,383	1,352	1,343	2.3	0.7	-0.4	1,406	1,364	1,345	1,586	-11.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,807	4,800	4,811	0.1	-0.2	0.3	4,769	4,820	4,740	4,762	0.1
Metalworking machinery.....	5,290	5,298	5,258	-0.2	0.8	-0.6	5,358	5,414	5,361	5,126	4.5
Turbines, generators, and other power transmission equipment.....	6,120	6,130	6,084	-0.2	0.8	-0.1	6,335	6,353	6,104	5,948	6.5
Material handling equipment.....	3,364	3,405	3,439	-1.2	-1.0	-0.4	3,391	3,430	3,393	3,211	5.6
Computers and electronic products .....	47,311	47,419	47,022	-0.2	0.8	0.0	48,171	48,086	46,739	45,702	5.4
Computers.....	1,217	1,179	1,312	3.2	-10.1	0.0	1,265	1,145	1,426	1,523	-16.9
Computer storage devices.....	1,544	1,552	1,579	-0.5	-1.7	-1.1	1,653	1,608	1,493	1,610	2.7
Other peripheral equipment.....	2,128	2,122	2,148	0.3	-1.2	1.2	2,227	2,184	2,102	2,087	6.7
Nondefense communications equipment.....	8,016	8,087	8,017	-0.9	0.9	-4.6	8,445	8,243	7,878	8,430	0.2
Defense communications equipment.....	1,773	1,719	1,632	3.1	5.3	5.3	1,773	1,719	1,632	1,209	46.7
Audio and video equipment.....	897	903	908	-0.7	-0.6	-1.2	992	1,016	992	960	3.3
Semiconductors <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,759	6,700	6,666	0.9	0.5	-2.1	6,793	6,799	6,623	6,648	2.2
Nondefense search and navigation equipment.....	5,038	5,252	5,140	-4.1	2.2	2.8	4,950	5,401	5,185	4,409	12.3
Defense search and navigation equipment.....	3,616	3,685	3,613	-1.9	2.0	2.0	3,596	3,691	3,584	3,387	6.2
Electromedical, measuring and control instruments.....	10,722	10,727	10,663	0.0	0.6	1.2	10,920	10,807	10,495	10,516	3.8
Electrical equipment, appliances, and components.....	15,017	15,172	15,366	-1.0	-1.3	0.7	14,860	15,021	14,918	14,608	1.7
Electric lighting equipment.....	1,750	1,755	1,762	-0.3	-0.4	-1.1	1,703	1,701	1,702	1,674	1.7
Household appliances.....	2,006	2,018	2,071	-0.6	-2.6	3.3	1,993	2,088	2,030	2,001	-0.4
Electrical equipment.....	5,177	5,284	5,348	-2.0	-1.2	-0.9	5,229	5,212	5,077	5,067	3.2
Batteries.....	752	745	640	0.9	16.4	-3.0	716	750	657	704	1.7
Transportation equipment.....	92,560	90,136	88,576	2.7	1.8	-0.2	93,410	91,195	88,641	80,056	16.7
Automobiles.....	2,557	2,608	2,568	-2.0	1.6	2.6	2,532	2,563	2,610	2,642	-4.2
Light trucks and utility vehicles.....	2,448	2,584	2,568	-5.3	0.6	-0.9	2,496	2,691	2,678	3,181	-21.5
Heavy duty trucks .....	1,697	1,674	1,606	1.4	4.2	1.6	1,700	1,730	1,638	1,430	18.9
Motor vehicle bodies, parts, and trailers.....	15,799	15,971	16,162	-1.1	-1.2	-2.6	15,667	15,894	15,941	17,163	-8.7
Nondefense aircraft and parts.....	44,022	41,947	40,571	4.9	3.4	1.3	44,873	42,721	40,657	32,216	39.3
Defense aircraft and parts.....	14,716	14,292	13,962	3.0	2.4	-1.7	14,725	14,397	14,035	12,802	15.0
Ships and boats.....	2,935	2,947	2,880	-0.4	2.3	-1.6	2,936	2,931	2,893	2,995	-2.0
Furniture and related products.....	7,754	7,788	7,875	-0.4	-1.1	-0.7	7,701	7,744	7,874	8,088	-4.8
Miscellaneous durable goods.....	23,673	23,590	23,478	0.4	0.5	1.0	23,890	23,926	23,604	23,122	3.3
Nondurable goods industries.....	210,754	213,822	218,568	-1.4	-2.2	-2.3	210,443	216,802	220,737	208,432	1.0
Food products.....	37,364	37,215	37,151	0.4	0.2	-0.6	38,684	39,447	37,906	37,736	2.5
Grain and oilseed milling.....	4,750	4,741	4,671	0.2	1.5	-4.8	4,826	5,089	4,628	4,796	0.6
Dairy products.....	4,458	4,463	4,423	-0.1	0.9	-0.8	4,264	4,452	4,448	4,475	-4.7
Meat, poultry, and seafood products.....	7,620	7,546	7,643	1.0	-1.3	-0.6	7,739	7,676	7,736	7,392	4.7
Beverage and tobacco products.....	15,143	15,145	15,136	0.0	0.1	0.3	15,459	15,721	15,183	15,308	1.0
Beverages.....	11,322	11,285	11,286	0.3	0.0	-0.1	11,538	11,793	11,437	11,338	1.8
Tobacco.....	3,821	3,860	3,850	-1.0	0.3	1.6	3,921	3,928	3,746	3,970	-1.2
Textile mills.....	3,702	3,711	3,702	-0.2	0.2	1.0	3,655	3,676	3,687	3,712	-1.5
Textile products.....	3,280	3,302	3,301	-0.7	0.0	0.2	3,237	3,322	3,316	3,295	-1.8
Apparel.....	4,360	4,396	4,448	-0.8	-1.2	-1.0	4,151	4,441	4,618	4,140	0.3
Leather and allied products.....	1,056	1,027	1,020	2.8	0.7	0.6	1,050	1,021	1,039	1,042	0.8
Paper products.....	15,814	15,775	15,541	0.2	1.5	0.3	15,666	15,614	15,386	14,932	4.9
Pulp, paper, and paperboard mills.....	6,905	6,912	6,842	-0.1	1.0	0.3	6,836	6,799	6,724	6,593	3.7
Paperboard containers.....	4,490	4,440	4,302	1.1	3.2	0.7	4,418	4,373	4,275	4,041	9.3
Printing.....	6,776	6,670	6,723	1.6	-0.8	0.7	6,783	6,935	7,024	6,900	-1.7
Petroleum and coal products.....	32,342	34,773	39,863	-7.0	-12.8	-8.2	31,775	35,777	41,419	34,256	-7.2
Petroleum refineries.....	29,544	32,044	37,281	-7.8	-14.0	-8.8	29,051	33,056	38,778	32,056	-9.4
Chemical products.....	68,414	68,995	68,778	-0.8	0.3	-1.7	67,889	68,280	68,410	65,954	2.9
Pesticides, fertilizers, and other agricultural chemicals.....	3,687	3,541	3,386	4.1	4.6	3.8	3,678	3,275	2,937	2,881	27.7
Pharmaceuticals and medicines.....	24,050	24,034	23,890	0.1	0.6	-1.0	24,053	24,082	24,146	23,720	1.4
Paints, coatings, and adhesives.....	3,128	3,139	3,163	-0.4	-0.8	0.9	2,981	3,009	3,115	2,962	0.6
Plastics and rubber products.....	22,503	22,813	22,905	-1.4	-0.4	-1.4	22,094	22,568	22,749	21,157	4.4

<sup>p</sup> Preliminary      <sup>r</sup> Revised      NA Not available.<sup>1</sup> Inventories for semiconductor industry data are included in computers and electronic products and total durable goods industries, but are not shown separately. See note at end of Table 2 relating to survey error and revision.

**Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series <sup>1</sup>**

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted <sup>2</sup>						Percent Change <sup>6</sup> 2008/2007
	Monthly			Percent Change			Monthly			Year to date			
	Nov. 2008 <sup>p</sup>	Oct. 2008 <sup>r</sup>	Sept. 2008	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2008 <sup>p</sup>	Oct. 2008 <sup>r</sup>	Sept. 2008	Nov. 2007	2008 <sup>p</sup>	2007	
<b>SHIPMENTS</b>													
All manufacturing industries .....	393,795	415,900	431,492	-5.3	-3.6	-3.1	375,693	431,372	448,947	427,915	4,818,123	4,660,547	3.4
Construction materials and supplies.....	41,417	42,812	43,563	-3.3	-1.7	-1.2	38,192	45,630	46,505	41,877	484,944	495,672	-2.2
Information technology.....	25,861	26,175	26,628	-1.2	-1.7	-0.4	24,920	25,236	30,902	26,665	290,750	289,328	0.5
Computers and related products .....	4,277	4,626	4,703	-7.5	-1.6	-1.3	3,874	4,648	5,542	5,227	53,590	58,175	-7.9
Motor vehicle and parts.....	29,509	29,519	31,131	0.0	-5.2	3.2	27,433	33,256	32,634	38,391	362,118	446,501	-18.9
Capital goods.....	72,772	73,765	76,747	-1.3	-3.9	1.2	68,489	72,868	82,737	72,842	827,965	807,299	2.6
Nondefense capital goods <sup>3</sup> .....	63,827	64,469	67,540	-1.0	-4.5	1.1	59,265	63,669	73,180	64,548	729,855	722,684	1.0
Excluding aircraft.....	61,070	61,218	63,567	-0.2	-3.7	1.7	56,508	60,782	69,075	59,316	684,514	671,838	1.9
Defense capital goods <sup>4</sup> .....	8,945	9,296	9,207	-3.8	1.0	1.6	9,224	9,199	9,557	8,294	98,110	84,615	15.9
Consumer goods.....	154,610	165,659	174,757	-6.7	-5.2	-5.6	152,094	173,854	180,146	180,078	1,980,632	1,862,874	6.3
Consumer durable goods.....	26,890	27,496	28,731	-2.2	-4.3	-0.1	25,712	30,057	30,406	34,698	329,044	385,679	-14.7
Consumer nondurable goods.....	127,720	138,163	146,026	-7.6	-5.4	-6.6	126,382	143,797	149,740	145,380	1,651,588	1,477,195	11.8
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	384,586	403,315	429,286	-4.6	-6.0	-3.1	363,825	415,242	442,008	428,971	4,790,649	4,684,783	2.3
Construction materials and supplies.....	40,729	42,236	43,047	-3.6	-1.9	-2.6	36,502	44,514	45,558	41,862	486,954	501,272	-2.9
Information technology.....	26,966	25,500	26,769	5.7	-4.7	-2.3	25,330	24,825	31,424	25,907	292,752	292,969	-0.1
Computers and related products .....	4,827	4,292	4,723	12.5	-9.1	-2.5	4,424	4,314	5,562	5,295	54,013	58,253	-7.3
Motor vehicle and parts.....	29,074	29,214	30,828	-0.5	-5.2	2.4	27,093	32,820	32,079	38,801	359,414	444,346	-19.1
Capital goods.....	70,986	71,326	80,062	-0.5	-10.9	1.9	65,275	69,652	82,827	79,247	861,056	880,620	-2.2
Nondefense capital goods <sup>3</sup> .....	62,532	63,487	67,923	-1.5	-6.5	-1.1	57,376	61,514	71,141	73,233	762,480	799,880	-4.7
Excluding aircraft.....	60,656	58,373	62,547	3.9	-6.7	-3.4	55,259	58,930	67,017	58,942	695,486	686,525	1.3
Defense capital goods <sup>4</sup> .....	8,454	7,839	12,139	7.8	-35.4	23.3	7,899	8,138	11,686	6,014	98,576	80,740	22.1
Consumer goods.....	154,594	165,382	174,750	-6.5	-5.4	-5.4	152,112	173,643	180,146	180,049	1,979,729	1,863,821	6.2
Consumer durable goods.....	26,874	27,219	28,724	-1.3	-5.2	1.3	25,730	29,846	30,406	34,669	328,141	386,626	-15.1
Consumer nondurable goods.....	127,720	138,163	146,026	-7.6	-5.4	-6.6	126,382	143,797	149,740	145,380	1,651,588	1,477,195	11.8
<b>UNFILLED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	815,362	820,672	828,225	-0.6	-0.9	0.2	798,400	806,675	816,475	741,403	(X)	(X)	7.7
Construction materials and supplies.....	54,034	54,722	55,298	-1.3	-1.0	-0.9	52,578	54,268	55,384	49,444	(X)	(X)	6.3
Information technology.....	122,204	121,099	121,774	0.9	-0.6	0.1	120,426	120,016	120,427	116,325	(X)	(X)	3.5
Computers and related products .....	4,140	3,590	3,924	15.3	-8.5	0.5	4,140	3,590	3,924	3,563	(X)	(X)	16.2
Motor vehicle and parts.....	16,302	16,737	17,042	-2.6	-1.8	-1.7	15,861	16,201	16,637	18,278	(X)	(X)	-13.2
Capital goods.....	620,680	622,466	624,905	-0.3	-0.4	0.5	608,548	611,762	614,978	549,693	(X)	(X)	10.7
Nondefense capital goods <sup>3</sup> .....	479,673	480,968	481,950	-0.3	-0.2	0.1	471,440	473,329	475,484	420,991	(X)	(X)	12.0
Excluding aircraft.....	202,618	203,032	205,877	-0.2	-1.4	-0.5	199,756	201,005	202,857	187,709	(X)	(X)	6.4
Defense capital goods <sup>4</sup> .....	141,007	141,498	142,955	-0.3	-1.0	2.1	137,108	138,433	139,494	128,702	(X)	(X)	6.5
Consumer goods.....	8,178	8,194	8,471	-0.2	-3.3	-0.1	8,261	8,243	8,454	9,724	(X)	(X)	-15.0
Consumer durable goods.....	8,178	8,194	8,471	-0.2	-3.3	-0.1	8,261	8,243	8,454	9,724	(X)	(X)	-15.0
<b>TOTAL INVENTORIES</b>													
All manufacturing industries .....	553,426	554,990	558,296	-0.3	-0.6	-0.8	553,947	559,181	559,375	526,508	(X)	(X)	5.2
Construction materials and supplies.....	60,923	61,017	61,174	-0.2	-0.3	0.4	59,886	60,626	61,020	58,315	(X)	(X)	2.7
Information technology.....	42,125	42,404	42,369	-0.7	0.1	0.4	42,906	42,916	42,087	41,350	(X)	(X)	3.8
Computers and related products .....	4,889	4,853	5,039	0.7	-3.7	0.2	5,145	4,935	5,021	5,220	(X)	(X)	-1.4
Motor vehicle and parts.....	22,501	22,837	22,904	-1.5	-0.3	-1.6	22,395	22,878	22,867	24,416	(X)	(X)	-8.3
Capital goods.....	162,927	161,112	159,247	1.1	1.2	0.2	164,925	162,214	158,534	146,643	(X)	(X)	12.5
Nondefense capital goods <sup>3</sup> .....	143,405	141,864	140,368	1.1	1.1	0.3	145,367	142,971	139,664	128,617	(X)	(X)	13.0
Excluding aircraft.....	108,844	108,972	108,679	-0.1	0.3	0.1	110,095	109,464	107,804	104,535	(X)	(X)	5.3
Defense capital goods <sup>4</sup> .....	19,522	19,248	18,879	1.4	2.0	-1.0	19,558	19,243	18,770	18,026	(X)	(X)	8.5
Consumer goods.....	156,115	158,668	163,554	-1.6	-3.0	-2.3	157,155	162,905	166,402	158,658	(X)	(X)	-0.9
Consumer durable goods.....	28,593	28,731	28,725	-0.5	0.0	0.9	28,802	29,123	28,910	29,439	(X)	(X)	-2.2
Consumer nondurable goods.....	127,522	129,937	134,829	-1.9	-3.6	-3.0	128,353	133,782	137,492	129,219	(X)	(X)	-0.7

<sup>p</sup> Preliminary      <sup>r</sup> Revised      X Not Applicable.

<sup>1</sup> Topical series are regroupings of the separate industry categories.

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

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

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

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

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

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				Percent Change Nov. 08/07
	Monthly			Percent Change			Monthly				
	Nov. 2008 <sup>p</sup>	Oct. 2008 <sup>f</sup>	Sept. 2008	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2008 <sup>p</sup>	Oct. 2008 <sup>f</sup>	Sept. 2008	Nov. 2007	
<b>MATERIALS AND SUPPLIES</b>											
All manufacturing industries.....	188,720	190,387	192,639	-0.9	-1.2	0.0	188,799	191,669	193,210	181,995	3.7
Durable goods industries.....	117,040	116,603	116,330	0.4	0.2	0.4	117,773	117,376	116,723	109,578	7.5
Wood products.....	4,288	4,322	4,326	-0.8	-0.1	0.7	4,598	4,658	4,499	4,810	-4.4
Nonmetallic mineral products.....	4,707	4,890	4,906	-3.7	-0.3	0.3	4,677	4,873	4,902	4,569	2.4
Primary metals.....	14,461	14,084	13,733	2.7	2.6	2.5	14,608	14,337	13,982	11,370	28.5
Fabricated metal products.....	17,038	17,082	17,211	-0.3	-0.7	2.1	16,809	16,992	17,268	15,153	10.9
Machinery.....	21,531	21,322	21,068	1.0	1.2	0.4	21,625	21,429	20,996	19,911	8.6
Computers and electronic products.....	15,437	15,612	15,636	-1.1	-0.2	0.8	15,696	15,752	15,781	16,186	-3.0
Electrical equipment, appliances, and components.....	5,943	6,094	6,203	-2.5	-1.8	-0.7	5,921	6,016	6,074	5,712	3.7
Transportation equipment.....	22,280	21,894	21,836	1.8	0.3	-1.9	22,471	22,021	21,821	20,721	8.4
Furniture and related products.....	3,715	3,697	3,788	0.5	-2.4	-3.4	3,684	3,656	3,781	3,781	-2.6
Miscellaneous products.....	7,640	7,606	7,623	0.4	-0.2	1.2	7,684	7,642	7,619	7,365	4.3
Nondurable goods industries.....	71,680	73,784	76,309	-2.9	-3.3	-0.6	71,026	74,293	76,487	72,417	-1.9
Food products.....	13,499	13,712	13,578	-1.6	1.0	-2.0	13,832	14,276	13,367	13,955	-0.9
Beverage and tobacco products.....	4,509	4,537	4,482	-0.6	1.2	1.5	4,522	4,525	4,412	4,448	1.7
Textiles.....	1,157	1,169	1,162	-1.0	0.6	-1.4	1,131	1,147	1,155	1,172	-3.5
Textile products.....	1,304	1,336	1,325	-2.4	0.8	0.8	1,288	1,338	1,337	1,241	3.8
Apparel.....	1,028	1,024	1,071	0.4	-4.4	0.0	1,001	1,025	1,077	1,027	-2.5
Leather and allied products.....	359	366	364	-1.9	0.5	1.4	359	369	368	402	-10.7
Paper products.....	7,534	7,567	7,469	-0.4	1.3	0.3	7,481	7,545	7,415	7,170	4.3
Printing.....	3,089	3,013	3,078	2.5	-2.1	0.9	3,068	3,036	3,203	3,073	-0.2
Petroleum and coal products.....	10,146	10,984	12,180	-7.6	-9.8	-8.7	9,702	11,207	12,635	11,130	-12.8
Chemical products.....	20,251	20,951	22,329	-3.3	-6.2	4.0	19,909	20,743	22,227	20,231	-1.6
Plastics and rubber products.....	8,804	9,125	9,271	-3.5	-1.6	0.1	8,733	9,082	9,291	8,568	1.9
<b>WORK IN PROCESS</b>											
All manufacturing industries.....	166,378	165,668	166,126	0.4	-0.3	-0.6	167,990	168,140	166,119	150,620	11.5
Durable goods industries.....	127,983	126,385	124,799	1.3	1.3	0.3	128,729	127,496	124,488	112,608	14.3
Wood products.....	1,923	1,956	1,945	-1.7	0.6	0.4	1,898	1,932	1,932	2,008	-5.5
Nonmetallic mineral products.....	1,411	1,387	1,353	1.7	2.5	3.0	1,319	1,310	1,322	1,241	6.3
Primary metals.....	10,183	10,561	10,824	-3.6	-2.4	-0.8	9,970	10,435	10,752	9,790	1.8
Fabricated metal products.....	13,459	13,467	13,367	-0.1	0.7	-1.0	13,373	13,594	13,489	12,480	7.2
Machinery.....	15,434	15,561	15,697	-0.8	-0.9	3.6	15,736	15,731	15,767	14,654	7.4
Computers and electronic products.....	21,720	21,660	21,217	0.3	2.1	0.1	22,144	22,028	20,874	19,580	13.1
Electrical equipment, appliances, and components.....	3,194	3,208	3,198	-0.4	0.3	2.1	3,089	3,126	3,061	3,047	1.4
Transportation equipment.....	55,930	53,819	52,412	3.9	2.7	-0.4	56,439	54,528	52,496	45,039	25.3
Furniture and related products.....	1,242	1,262	1,292	-1.6	-2.3	5.9	1,231	1,248	1,290	1,286	-4.3
Miscellaneous products.....	3,487	3,504	3,494	-0.5	0.3	0.0	3,530	3,564	3,505	3,483	1.3
Nondurable goods industries.....	38,395	39,283	41,327	-2.3	-4.9	-3.2	39,261	40,644	41,631	38,012	3.3
Food products.....	2,493	2,535	2,363	-1.7	7.3	3.3	2,912	3,069	2,262	2,883	1.0
Beverage and tobacco products.....	4,175	4,201	4,269	-0.6	-1.6	-0.5	4,528	4,531	4,263	4,712	-3.9
Textiles.....	864	881	909	-1.9	-3.1	-1.3	862	886	917	935	-7.8
Textile products.....	403	421	417	-4.3	1.0	-0.5	402	425	418	446	-9.9
Apparel.....	631	640	652	-1.4	-1.8	-2.5	616	644	657	663	-7.1
Leather and allied products.....	119	106	96	12.3	10.4	5.5	113	102	96	85	32.9
Paper products.....	1,588	1,561	1,550	1.7	0.7	0.9	1,562	1,534	1,558	1,395	12.0
Printing.....	1,676	1,643	1,676	2.0	-2.0	-0.8	1,728	1,820	1,848	1,939	-10.9
Petroleum and coal products.....	8,854	9,354	12,257	-5.3	-23.7	-8.9	8,838	9,790	12,432	9,113	-3.0
Chemical products.....	15,058	15,399	14,576	-2.2	5.6	-1.4	15,186	15,325	14,647	13,398	13.3
Plastics and rubber products.....	2,534	2,542	2,562	-0.3	-0.8	0.8	2,514	2,518	2,533	2,443	2.9
<b>FINISHED GOODS</b>											
All manufacturing industries.....	198,328	198,935	199,531	-0.3	-0.3	-1.7	197,158	199,372	200,046	193,893	1.7
Durable goods industries.....	97,649	98,180	98,599	-0.5	-0.4	-0.1	97,002	97,507	97,427	95,890	1.2
Wood products.....	4,343	4,328	4,377	0.3	-1.1	1.5	4,144	4,167	4,281	4,421	-6.3
Nonmetallic mineral products.....	5,918	5,792	5,765	2.2	0.5	-0.1	5,654	5,496	5,586	5,502	2.8
Primary metals.....	9,341	10,148	10,611	-8.0	-4.4	-1.4	9,131	9,910	10,534	9,253	-1.3
Fabricated metal products.....	14,117	14,177	14,364	-0.4	-1.3	-0.5	13,787	13,993	14,090	13,588	1.5
Machinery.....	18,203	17,986	17,864	1.2	0.7	-2.4	18,143	17,550	17,462	17,750	2.2
Computers and electronic products.....	10,154	10,147	10,169	0.1	-0.2	-1.2	10,331	10,306	10,084	9,936	4.0
Electrical equipment, appliances, and components.....	5,880	5,870	5,965	0.2	-1.6	1.4	5,850	5,879	5,783	5,849	0.0
Transportation equipment.....	14,350	14,423	14,328	-0.5	0.7	3.0	14,500	14,646	14,324	14,296	1.4
Furniture and related products.....	2,797	2,829	2,795	-1.1	1.2	0.3	2,786	2,840	2,803	3,021	-7.8
Miscellaneous products.....	12,546	12,480	12,361	0.5	1.0	1.2	12,676	12,720	12,480	12,274	3.3
Nondurable goods industries.....	100,679	100,755	100,932	-0.1	-0.2	-3.2	100,156	101,865	102,619	98,003	2.2
Food products.....	21,372	20,968	21,210	1.9	-1.1	-0.2	21,940	22,102	22,277	20,898	5.0
Beverage and tobacco products.....	6,459	6,407	6,385	0.8	0.3	0.1	6,409	6,665	6,508	6,148	4.2
Textiles.....	1,681	1,661	1,631	1.2	1.8	4.1	1,662	1,643	1,615	1,605	3.6
Textile products.....	1,573	1,545	1,559	1.8	-0.9	-0.2	1,547	1,559	1,561	1,608	-3.8
Apparel.....	2,701	2,732	2,725	-1.1	0.3	-1.1	2,534	2,772	2,884	2,450	3.4
Leather and allied products.....	578	555	560	4.1	-0.9	-0.7	578	550	575	555	4.1
Paper products.....	6,692	6,647	6,522	0.7	1.9	0.2	6,623	6,535	6,413	6,367	4.0
Printing.....	2,011	2,014	1,969	-0.1	2.3	1.8	1,987	2,079	1,973	1,888	5.2
Petroleum and coal products.....	13,342	14,435	15,426	-7.6	-6.4	-7.3	13,235	14,780	16,352	14,013	-5.6
Chemical products.....	33,105	32,645	31,873	1.4	2.4	-5.4	32,794	32,212	31,536	32,325	1.5
Plastics and rubber products.....	11,165	11,146	11,072	0.2	0.7	-3.1	10,847	10,968	10,925	10,146	6.9

<sup>p</sup> Preliminary<sup>f</sup> 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 <sup>1</sup>			
	Nov 2008 <sup>p</sup>	Oct 2008 <sup>r</sup>	Sep 2008	Aug 2008	Nov 2008 <sup>p</sup>	Oct 2008 <sup>r</sup>	Sep 2008	Aug 2008
All manufacturing industries <sup>2</sup> .....	1.41	1.33	1.29	1.26	(X)	(X)	(X)	(X)
Durable goods industries <sup>2</sup> .....	1.76	1.70	1.63	1.63	5.82	5.69	5.50	5.50
Wood products.....	1.34	1.32	1.34	1.30	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.45	1.35	1.31	1.30	(X)	(X)	(X)	(X)
Primary metals.....	1.86	1.75	1.58	1.52	1.17	1.17	1.18	1.23
Fabricated metal products.....	1.62	1.62	1.61	1.60	2.25	2.28	2.28	2.29
Machinery.....	1.92	1.93	1.81	1.88	4.14	4.20	4.06	4.17
Computers and electronic products <sup>2</sup> .....	1.58	1.52	1.54	1.50	5.46	5.36	5.32	5.27
Electrical equipment, appliances, and components.....	1.56	1.47	1.46	1.45	2.59	2.48	2.56	2.58
Transportation equipment.....	2.00	1.87	1.74	1.78	14.84	14.18	13.48	13.60
Furniture and related products.....	1.32	1.29	1.24	1.23	1.23	1.27	1.29	1.33
Miscellaneous products.....	1.87	1.87	1.86	1.79	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.06	1.00	0.98	0.94	(X)	(X)	(X)	(X)
Food products.....	0.73	0.73	0.72	0.72	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.33	1.29	1.30	1.29	(X)	(X)	(X)	(X)
Textiles.....	1.45	1.37	1.32	1.28	(X)	(X)	(X)	(X)
Textile products.....	1.64	1.59	1.54	1.48	(X)	(X)	(X)	(X)
Apparel.....	1.74	1.75	1.69	1.69	(X)	(X)	(X)	(X)
Leather and allied products.....	2.39	2.24	2.06	2.13	(X)	(X)	(X)	(X)
Paper products.....	1.12	1.10	1.06	1.05	(X)	(X)	(X)	(X)
Printing.....	0.84	0.83	0.83	0.82	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.87	0.74	0.74	0.67	(X)	(X)	(X)	(X)
Chemical products.....	1.29	1.20	1.20	1.16	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.35	1.32	1.29	1.31	(X)	(X)	(X)	(X)

<sup>p</sup> Preliminary      <sup>r</sup> Revised      X Not Applicable

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

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

**Table 8. Revisions to Previously Published Monthly Percent Changes**

[Based on Seasonally Adjusted data]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Nov <sup>1</sup> 2008	Nov <sup>2</sup> 2007- Oct 2008	Nov <sup>1</sup> 2008	Nov <sup>2</sup> 2007- Oct 2008	Nov <sup>1</sup> 2008	Nov <sup>2</sup> 2007- Oct 2008	Nov <sup>1</sup> 2008	Nov <sup>2</sup> 2007- Oct 2008
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.2	(X)	0.1
Durable goods industries.....	-0.5	0.4	-0.5	0.8	0.0	0.2	-0.1	0.1
Wood products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.6
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	-0.5	0.5	0.2	1.0	0.6	0.6	-0.5	0.2
Fabricated metal products.....	-0.2	0.4	0.0	0.8	0.1	0.3	-0.3	0.2
Machinery.....	-1.2	0.3	-1.7	1.2	-0.3	0.5	0.4	0.2
Computers and electronic products.....	-0.3	1.0	0.1	0.8	0.1	0.2	-0.1	0.2
Electrical equipment, appliances, and components.....	-0.2	0.5	-2.1	3.4	-0.3	1.5	0.0	0.5
Transportation equipment.....	-0.1	0.6	-0.2	1.3	0.0	0.1	0.0	0.1
Furniture and related products.....	(X)	0.5	(X)	0.7	(X)	0.5	(X)	0.3
Miscellaneous products.....	(X)	0.6	(X)	0.8	(X)	0.8	(X)	0.2
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.3	(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)	1.6	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.9
Paper products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	1.1
Petroleum and coal products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.7
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Plastics and rubber products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.5

X Not Applicable

NA Not Available

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

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



## 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	