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## Full Report on Manufacturers' Shipments, Inventories and Orders December 2006

### Summary

New orders for manufactured goods in December, up three of the last four months, increased \$9.4 billion or 2.4 percent to \$405.2 billion, the U.S. Census Bureau reported today. This followed a 1.2 percent November increase.

Shipments, up four of the last five months, increased \$5.4 billion or 1.4 percent to \$395.9 billion. This followed a 0.2 percent November increase.

Unfilled orders, up nineteen of the last twenty months, increased \$14.5 billion or 2.1 percent to \$693.8 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.8 percent November increase. The unfilled orders-to-shipments ratio was 4.70, up from 4.64 in November.

Inventories, up fourteen of the last fifteen months, increased \$0.3 billion or 0.1 percent to \$482.1 billion. This followed a 0.2 percent November increase. The inventories-to-shipments ratio was 1.22, down from 1.23 in November.

### New Orders

New orders for manufactured durable goods in December, up four of the last five months, increased \$6.2 billion or 2.9 percent to \$221.3 billion, revised from the previously published 3.1 percent increase. This followed a 2.2 percent November increase.

Transportation equipment, up four of the last five months, had the largest increase, \$2.2 billion or 3.3 percent to \$68.7 billion. This was due to nondefense aircraft and parts, which increased \$4.0 billion.

New orders for manufactured nondurable goods increased \$3.2 billion or 1.8 percent to \$183.9 billion.

### Shipments

Shipments of manufactured durable goods in December, up four of the last five months, increased \$2.2 billion or 1.0 percent to \$212.0 billion, revised from the previously published 0.8 percent increase. This followed a 0.3 percent November increase.

Transportation equipment, up four of the last five months, had the largest increase, \$2.1 billion or 3.7 percent to \$58.2 billion.

Shipments of manufactured nondurable goods, up two consecutive months, increased \$3.2 billion or 1.8 percent to \$183.9 billion. This was led by petroleum and coal products, which increased \$2.4 billion or 7.4 percent to \$34.7 billion.

### Unfilled Orders

Unfilled orders for manufactured durable goods in December, up nineteen of the last twenty months, increased \$14.5 billion or 2.1 percent to \$693.8 billion, revised from the previously published 2.3 percent increase. This was at the highest level since the series began and followed a 1.8 percent November increase.

Transportation equipment, up nineteen of the last twenty months, had the largest increase, \$10.5 billion or 2.9 percent to \$379.8 billion.

### Inventories

Inventories of manufactured durable goods in December, up eleven of the last twelve months, increased \$1.1 billion or 0.4 percent to \$295.8 billion, unchanged from the previously published increase. This followed a 0.3 percent November increase.

Machinery, up nine of the last ten months, had the largest increase, \$0.7 billion or 1.5 percent to \$47.2 billion.

Inventories of manufactured nondurable goods, down three of the last four months, decreased \$0.7 billion or 0.4 percent to \$186.3 billion. This was led by chemical products, which decreased \$0.7 billion or 1.2 percent to \$56.9 billion.

By stage of fabrication, December materials and supplies decreased 0.4 percent in durable goods and 0.8 percent in nondurable goods. Work in process increased 1.9 percent in durable goods and decreased 0.5 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, other than year-to-date, 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 27, 2007, at 8:30 a.m. EST and the full report on March 6, 2007, at 10:00 a.m. EST. See back page for survey description.

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		
	Dec. 2006 <sup>p</sup>	Nov. 2006 <sup>r</sup>	Oct. 2006	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2006 <sup>p</sup>	Nov. 2006 <sup>r</sup>	Oct. 2006	Dec. 2005	2006 <sup>p</sup>	2005	Percent 2006/2005
All manufacturing industries .....	395,927	390,522	389,653	1.4	0.2	0.1	386,470	383,802	398,469	389,752	4,753,558	4,544,839	4.6
Excluding transportation .....	337,735	334,433	334,776	1.0	-0.1	-0.1	329,719	327,895	341,407	329,939	4,080,393	3,878,049	5.2
Excluding defense .....	385,860	380,545	379,754	1.4	0.2	-0.1	375,104	373,456	388,860	379,204	4,638,564	4,437,797	4.5
With unfilled orders .....	147,514	146,365	145,817	0.8	0.4	-1.3	147,183	142,483	146,859	146,731	1,745,458	1,617,457	7.9
Durable goods industries .....	212,014	209,827	209,145	1.0	0.3	0.2	209,572	204,922	213,130	211,608	2,519,196	2,385,367	5.6
Wood products.....	7,556	7,577	7,538	-0.3	0.5	-3.6	6,775	7,154	7,882	8,249	98,243	105,030	-6.5
Nonmetallic mineral products.....	9,828	9,666	9,844	1.7	-1.8	-0.2	8,523	9,389	10,530	8,717	119,316	112,321	6.2
Primary metals.....	19,295	18,711	18,846	3.1	-0.7	-2.3	16,844	17,581	19,317	15,010	224,082	194,247	15.4
Iron and steel mills.....	8,742	8,465	8,645	3.3	-2.1	-2.6	7,783	7,953	8,853	7,568	104,229	96,789	7.7
Aluminum and nonferrous metals.....	8,941	8,633	8,592	3.6	0.5	-2.2	7,691	8,106	8,784	6,059	100,237	78,611	27.5
Ferrous metal foundries.....	1,612	1,613	1,609	-0.1	0.2	-1.3	1,370	1,522	1,680	1,383	19,616	18,847	4.1
Fabricated metal products.....	24,893	24,399	24,484	2.0	-0.3	-0.5	22,865	23,434	25,479	21,990	294,709	275,301	7.0
Machinery.....	28,204	27,839	28,232	1.3	-1.4	1.6	27,849	25,825	28,267	26,643	327,171	295,315	10.8
Farm machinery.....	1,801	1,753	1,670	2.7	5.0	6.4	1,509	1,350	1,467	1,256	19,068	18,291	4.2
Construction machinery.....	2,997	3,051	2,993	-1.8	1.9	1.7	2,899	2,661	2,884	2,897	36,270	32,084	13.0
Mining, oil field, and gas field machinery.....	1,192	1,209	1,241	-1.4	-2.6	4.1	1,295	1,148	1,220	1,100	13,624	11,110	22.6
Industrial machinery.....	2,767	2,879	3,269	-3.9	-11.9	4.5	3,150	2,423	3,629	3,258	34,732	30,713	13.1
Photographic equipment.....	673	661	651	1.8	1.5	0.0	755	724	697	783	7,811	7,531	3.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,712	3,641	3,692	2.0	-1.4	1.0	3,727	3,480	3,522	3,191	42,183	35,882	17.6
Metalworking machinery.....	2,672	2,785	2,898	-4.1	-3.9	5.2	2,752	2,630	3,080	2,982	33,336	30,294	10.0
Turbines, generators, and other power transmission equipment.....	4,179	3,518	3,363	18.8	4.6	-6.7	3,923	3,428	3,373	3,643	41,388	38,019	8.9
Material handling equipment.....	2,138	2,200	2,235	-2.8	-1.6	2.9	2,097	2,072	2,201	2,044	25,566	22,490	13.7
Computers and electronic products.....	33,545	35,535	34,846	-5.6	2.0	1.0	38,756	35,318	33,804	40,795	419,699	394,644	6.3
Computers.....	4,755	4,694	2,944	1.3	59.4	-33.3	5,210	4,259	3,319	5,817	54,422	56,567	-3.8
Computer storage devices.....	675	669	638	0.9	4.9	-4.6	1,231	532	393	1,199	7,883	7,116	10.8
Other peripheral equipment.....	1,228	1,217	1,264	0.9	-3.7	5.6	1,708	1,215	1,094	1,791	14,476	14,722	-1.7
Nondefense communications equipment.....	4,758	5,268	5,302	-9.7	-0.6	-2.0	6,124	5,245	4,965	6,226	63,761	56,710	12.4
Defense communications equipment.....	545	577	549	-5.5	5.1	0.9	598	549	543	543	6,402	4,940	29.6
Audio and video equipment.....	1,101	1,045	971	5.4	7.6	-0.1	1,335	1,349	1,169	1,297	11,525	11,441	0.7
Semiconductors.....	5,256	6,732	7,659	-21.9	-12.1	29.2	5,330	7,026	7,605	7,194	80,274	76,394	5.1
Electronic components.....	5,005	4,980	5,074	0.5	-1.9	-0.2	5,367	5,087	4,990	5,046	58,820	52,127	12.8
Nondefense search and navigation equipment.....	922	906	915	1.8	-1.0	-1.7	972	869	854	957	11,146	10,969	1.6
Defense search and navigation equipment.....	2,929	2,923	2,978	0.2	-1.8	2.5	3,130	2,997	2,944	2,860	34,376	31,111	10.5
Electromedical, measuring, and control instruments.....	5,738	5,917	5,937	-3.0	-0.3	1.5	7,089	5,465	5,227	7,190	69,544	65,025	6.9
Electrical equipment, appliances, and components.....	10,137	9,900	10,070	2.4	-1.7	0.6	9,999	9,821	10,202	9,697	120,789	112,096	7.8
Electric lighting equipment.....	1,056	1,046	1,080	1.0	-3.1	2.0	1,105	1,034	1,082	1,083	12,772	12,164	5.0
Household appliances.....	2,054	2,009	2,074	2.2	-3.1	-1.8	2,233	2,027	2,053	2,347	25,090	24,847	1.0
Electrical equipment.....	3,249	3,257	3,286	-0.2	-0.9	1.6	3,182	3,106	3,288	3,046	38,735	35,245	9.9
Batteries.....	712	556	547	28.1	1.6	9.8	679	740	638	496	6,718	6,215	8.1
Transportation equipment.....	58,192	56,089	54,877	3.7	2.2	0.9	56,751	55,907	57,062	59,813	673,165	666,790	1.0
Automobiles.....	7,339	6,903	6,636	6.3	4.0	3.9	6,527	6,733	7,340	6,466	83,257	84,754	-1.8
Light trucks and utility vehicles.....	12,323	10,830	9,988	13.8	8.4	3.9	11,725	10,469	11,417	12,047	137,460	147,805	-7.0
Heavy duty trucks.....	2,298	2,295	2,220	0.1	3.4	2.2	1,991	2,136	2,400	1,816	26,188	23,543	11.2
Motor vehicle bodies, parts, and trailers.....	18,526	18,338	18,495	1.0	-0.8	0.5	15,729	17,979	19,865	16,248	222,876	225,733	-1.3
Nondefense aircraft and parts.....	8,041	8,235	8,219	-2.4	0.2	-7.3	9,850	8,887	7,041	13,143	95,086	79,986	18.9
Defense aircraft and parts.....	3,759	3,737	3,714	0.6	0.6	8.4	4,549	3,980	3,483	4,172	42,249	39,897	5.9
Ships and boats.....	2,212	2,025	2,001	9.2	1.2	-5.3	2,177	1,987	2,044	1,885	24,114	24,926	-3.3
Furniture and related products.....	7,456	7,345	7,535	1.5	-2.5	-0.4	7,228	7,286	7,611	7,483	90,751	87,079	4.2
Miscellaneous durable goods.....	12,908	12,766	12,873	1.1	-0.8	-0.3	13,982	13,207	12,976	13,211	151,271	142,544	6.1
Nondurable goods industries.....	183,913	180,695	180,508	1.8	0.1	-0.1	176,898	178,880	185,339	178,144	2,234,362	2,159,472	3.5
Food products.....	44,986	44,649	44,658	0.8	0.0	1.2	45,252	46,129	46,893	44,974	533,176	532,496	0.1
Grain and oilseed milling.....	4,241	4,281	4,265	-0.9	0.4	-2.6	3,988	4,673	4,561	4,110	51,118	51,641	-1.0
Dairy products.....	6,134	6,013	6,033	2.0	-0.3	2.9	6,155	6,168	6,057	6,222	71,929	74,478	-3.4
Meat, poultry, and seafood products.....	14,487	14,238	14,136	1.7	0.7	3.0	14,445	14,345	14,542	13,969	168,907	171,326	-1.4
Beverage and tobacco products.....	9,961	10,271	10,168	-3.0	1.0	4.9	9,665	10,195	10,133	9,538	119,603	114,800	4.2
Beverages.....	6,580	6,793	6,481	-3.1	4.8	2.3	6,284	6,717	6,446	6,291	77,745	74,912	3.8
Tobacco.....	3,381	3,478	3,687	-2.8	-5.7	9.8	3,381	3,478	3,687	3,247	41,858	39,888	4.9
Textile mills.....	2,709	2,768	2,831	-2.1	-2.2	3.2	2,460	2,718	2,890	2,578	33,605	36,012	-6.7
Textile products.....	2,762	2,716	2,754	1.7	-1.4	-1.0	2,425	2,654	2,852	2,552	34,143	34,326	-0.5
Apparel.....	3,007	2,913	2,911	3.2	0.1	0.8	2,713	3,088	3,253	2,704	35,522	33,879	4.8
Leather and allied products.....	441	435	523	1.4	-16.8	3.2	453	456	527	448	5,719	5,630	1.6
Paper products.....	13,902	13,464	13,611	3.3	-1.1	-0.1	13,604	13,148	13,769	12,985	164,249	158,053	3.9
Pulp, paper, and paperboard mills.....	6,441	6,041	6,119	6.6	-1.3	-0.4	6,191	5,774	6,201	5,867	73,781	71,594	3.1
Paperboard containers.....	3,932	3,934	3,976	-0.1	-1.1	0.2	3,752	3,872	4,074	3,642	46,808	44,509	5.2
Printing.....	7,777	7,843	7,673	-0.8	2.2	0.8	7,839	8,116	8,235	7,305	91,401	89,822	1.8
Petroleum and coal products.....	34,746	32,365	31,021	7.4	4.3	-4.5	32,585	30,860	31,805	34,302	437,046	404,591	8.0
Petroleum refineries.....	32,125	29,837	28,325	7.7	5.3	-4.8	30,538	28,489	28,740	32,138	404,546	376,680	7.4
Chemical products.....	46,868	46,683	47,724	0.4	-2.2	0.6	44,928	45,668	47,855	45,408	576,572	553,657	4.1
Pesticides, fertilizers, and other agricultural chemicals.....	2,332	2,294	2,280	1.7	0.6	-8.9	1,888	1,627	1,658	1,907	26,914	27,832	-3.3
Pharmaceuticals and medicines.....	12,418	12,549	12,790	-1.0	-1.9	2.3	12,214	13,303	13,635	12,084	154,670	148,692	4.0
Paints, coatings, and adhesives.....	2,717	2,744	2,800	-1.0	-2.0	-1.4	2,257	2,488	2,758	2,189	32,359	31,347	5.1
Plastics and rubber products.....	16,754	16,588	16,634	1.0	-0.3	-0.5	14,974	15,848	17,127	15,350	203,326	196,204	3.6

<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		
	Dec. 2006 <sup>p</sup>	Nov. 2006 <sup>f</sup>	Oct. 2006	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2006 <sup>p</sup>	Nov. 2006 <sup>f</sup>	Oct. 2006	Dec. 2005	2006 <sup>p</sup>	2005	Percent 2006/2005
All manufacturing industries <sup>2</sup> .....	405,194	395,762	390,989	2.4	1.2	-4.5	404,026	388,383	398,177	401,043	4,791,893	4,549,636	5.3
Excluding transportation <sup>2</sup> .....	336,471	329,248	330,471	2.2	-0.4	-0.9	328,238	322,049	337,336	323,656	4,038,176	3,829,553	5.4
Excluding defense <sup>2</sup> .....	394,310	382,627	380,902	3.1	0.5	-3.5	387,523	374,880	389,116	386,979	4,664,511	4,451,394	4.8
With unfilled orders <sup>2</sup> .....	162,037	158,337	154,812	2.3	2.3	-10.9	170,069	154,090	154,172	165,216	1,864,067	1,698,648	9.7
Durable goods industries <sup>2</sup> .....	221,281	215,067	210,481	2.9	2.2	-8.1	227,128	209,503	212,838	222,899	2,557,531	2,390,164	7.0
Primary metals.....	19,428	18,437	18,775	5.4	-1.8	-0.7	17,495	17,463	18,713	16,094	224,831	197,739	13.7
Iron and steel mills.....	8,652	8,110	8,444	6.7	-4.0	0.6	8,083	7,750	8,231	8,477	103,695	99,243	4.5
Aluminum and nonferrous metals.....	9,080	8,727	8,824	4.0	-1.1	-0.9	7,931	8,188	8,903	6,222	101,346	79,574	27.4
Ferrous metal foundries.....	1,696	1,600	1,507	6.0	6.2	-6.1	1,481	1,525	1,579	1,395	19,790	18,922	4.6
Fabricated metal products.....	25,075	24,403	24,248	2.8	0.6	-3.3	22,566	22,727	24,906	22,089	299,678	281,683	6.4
Machinery.....	29,529	28,081	30,719	5.2	-8.6	3.8	28,829	26,775	31,311	27,531	341,441	304,955	12.0
Construction machinery.....	2,970	2,890	3,702	2.8	-21.9	-11.7	3,243	2,996	3,771	3,364	38,495	34,793	10.6
Mining, oil field, and gas field machinery.....	1,433	1,333	1,491	7.5	-10.6	19.4	1,366	1,301	1,490	1,023	15,336	11,950	28.3
Industrial machinery.....	2,889	2,935	3,467	-1.6	-15.3	12.1	2,855	2,439	4,129	2,970	36,753	29,995	22.5
Photographic equipment.....	1,034	662	606	56.2	9.2	2.0	1,039	731	668	779	8,276	7,946	4.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,691	3,548	4,016	4.0	-11.7	0.0	3,644	3,513	3,811	3,417	44,260	38,052	16.3
Metalworking machinery.....	2,950	3,048	2,936	-3.2	3.8	-6.4	2,850	2,875	3,183	2,813	34,963	31,163	12.2
Turbines, generators, and other power transmission equipment.....	4,295	3,481	3,713	23.4	-6.2	0.4	4,366	3,330	3,591	4,359	43,750	38,931	12.4
Material handling equipment.....	2,411	2,280	2,418	5.7	-5.7	27.6	2,610	2,145	2,264	2,369	26,698	24,272	10.0
Computers and electronic products <sup>2</sup> .....	30,558	29,930	27,702	2.1	8.0	-9.8	36,828	28,920	26,926	33,921	353,118	324,505	8.8
Computers.....	4,846	4,813	2,996	0.7	60.6	-34.2	5,301	4,378	3,371	5,964	54,200	56,335	-3.8
Nondefense communications equipment.....	5,863	5,046	4,917	16.2	2.6	-21.3	6,859	4,853	4,853	5,410	66,631	57,603	15.7
Defense communications equipment.....	578	862	365	-32.9	136.2	-4.5	800	792	436	483	6,888	5,356	28.6
Semiconductors <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	4,941	4,930	5,248	0.2	-6.1	0.0	5,405	4,787	5,169	5,370	59,638	52,285	14.1
Nondefense search and navigation equipment.....	958	1,012	996	-5.3	1.6	-7.2	945	988	884	943	12,597	11,530	9.3
Defense search and navigation equipment.....	3,503	3,508	3,618	-0.1	-3.0	13.0	4,853	3,557	3,316	3,371	39,498	32,155	22.8
Electromedical, measuring, and control instruments.....	6,232	6,221	6,074	0.2	2.4	-7.3	7,729	5,744	5,540	7,418	72,712	68,440	6.2
Electrical equipment, appliances, and components.....	10,062	10,230	10,516	-1.6	-2.7	2.2	9,556	10,083	10,763	9,803	124,950	114,951	8.7
Electric lighting equipment.....	1,074	997	1,023	7.7	-2.5	13.3	1,157	942	1,000	1,130	12,658	12,447	1.7
Household appliances.....	1,824	2,034	2,223	-10.3	-8.5	13.1	1,895	2,091	2,224	2,023	25,093	24,851	1.0
Electrical equipment.....	3,277	3,531	3,496	-7.2	1.0	-2.8	2,894	3,420	3,614	3,249	41,726	37,045	12.6
Transportation equipment.....	68,723	66,514	60,518	3.3	9.9	-20.7	75,788	66,334	60,841	77,387	753,717	720,083	4.7
Motor vehicle bodies, parts, and trailers.....	18,888	18,368	18,720	2.8	-1.9	-0.2	16,805	18,144	19,852	17,169	225,805	227,365	-0.7
Nondefense aircraft and parts.....	18,273	14,263	13,694	28.1	4.2	-42.5	24,961	14,652	11,404	27,574	161,721	139,146	16.2
Defense aircraft and parts.....	6,508	5,464	3,720	19.1	46.9	24.5	8,363	5,587	3,127	6,490	44,267	36,575	21.0
Ships and boats.....	2,461	2,670	1,881	-7.8	41.9	6.3	3,229	2,730	1,759	1,680	28,466	19,759	44.1
Furniture and related products.....	7,450	7,230	7,482	3.0	-3.4	-2.3	6,622	7,218	7,724	6,451	90,373	87,452	3.3
Nondurable goods industries.....	183,913	180,695	180,508	1.8	0.1	-0.1	176,898	178,880	185,339	178,144	2,234,362	2,159,472	3.5

<sup>p</sup> Preliminary<sup>f</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(05), "Manufacturers' Shipments, Inventories, and Orders: 1992-2005."

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				Percent Change Dec. 06/05
	Monthly			Percent Change			Monthly				
	Dec. 2006 <sup>P</sup>	Nov. 2006 <sup>r</sup>	Oct. 2006	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2006 <sup>P</sup>	Nov. 2006 <sup>r</sup>	Oct. 2006	Dec. 2005	
All manufacturing industries <sup>1</sup> .....	693,765	679,242	667,270	2.1	1.8	1.4	691,037	668,151	656,544	572,428	20.7
Excluding transportation <sup>1</sup> .....	313,991	309,999	308,452	1.3	0.5	1.1	309,345	305,496	304,316	271,288	14.0
Excluding defense <sup>1</sup> .....	540,976	527,270	518,456	2.6	1.7	1.7	538,104	520,355	511,905	431,883	24.6
Durable goods industries <sup>1</sup> .....	693,765	679,242	667,270	2.1	1.8	1.4	691,037	668,151	656,544	572,428	20.7
Primary metals.....	26,440	26,307	26,581	0.5	-1.0	-0.3	26,023	25,372	25,490	25,274	3.0
Iron and steel mills.....	15,758	15,848	16,203	-0.6	-2.2	-1.2	15,591	15,291	15,494	16,125	-3.3
Aluminum and nonferrous metals.....	7,672	7,533	7,439	1.8	1.3	3.2	7,471	7,231	7,149	6,362	17.4
Ferrous metal foundries.....	3,010	2,926	2,939	2.9	-0.4	-3.4	2,961	2,850	2,847	2,787	6.2
Fabricated metal products.....	53,772	53,590	53,586	0.3	0.0	-0.4	52,074	52,373	53,080	47,105	10.5
Machinery.....	77,100	75,775	75,533	1.7	0.3	3.4	75,975	74,995	74,045	61,705	23.1
Construction machinery.....	9,713	9,740	9,901	-0.3	-1.6	7.7	9,801	9,457	9,122	7,576	29.4
Mining, oil field, and gas field machinery.....	4,213	3,972	3,848	6.1	3.2	6.9	4,046	3,975	3,822	2,334	73.4
Industrial machinery.....	11,307	11,185	11,129	1.1	0.5	1.8	10,865	11,160	11,144	8,844	22.9
Photographic equipment.....	1,832	1,471	1,470	24.5	0.1	-3.0	1,759	1,475	1,468	1,294	35.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	9,293	9,314	9,407	-0.2	-1.0	3.6	9,116	9,199	9,166	7,039	29.5
Metalworking machinery.....	8,091	7,813	7,550	3.6	3.5	0.5	7,832	7,734	7,489	6,205	26.2
Turbines, generators, and other power transmission equipment.....	12,253	12,137	12,174	1.0	-0.3	3.0	12,296	11,853	11,951	9,934	23.8
Material handling equipment.....	9,018	8,745	8,665	3.1	0.9	2.2	8,986	8,473	8,400	7,854	14.4
Computers and electronic products <sup>1</sup> .....	121,725	119,456	118,329	1.9	1.0	0.4	121,268	117,866	117,238	107,575	12.7
Computers.....	4,480	4,389	4,270	2.1	2.8	1.2	4,480	4,389	4,270	4,702	-4.7
Nondefense communications equipment.....	30,111	29,006	29,228	3.8	-0.8	-1.3	29,389	28,654	29,046	26,519	10.8
Defense communications equipment.....	6,827	6,794	6,509	0.5	4.4	-2.7	6,979	6,777	6,534	6,493	7.5
Semiconductors <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	12,270	12,334	12,384	-0.5	-0.4	1.4	12,128	12,090	12,390	11,310	7.2
Nondefense search and navigation equipment.....	5,958	5,922	5,816	0.6	1.8	1.4	5,824	5,851	5,732	4,373	33.2
Defense search and navigation equipment.....	39,415	38,841	38,256	1.5	1.5	1.7	39,769	38,046	37,486	34,647	14.8
Electromedical, measuring, and control instruments.....	22,664	22,170	21,866	2.2	1.4	0.6	22,699	22,059	21,780	19,531	16.2
Electrical equipment, appliances, and components.....	22,587	22,662	22,332	-0.3	1.5	2.0	21,995	22,438	22,176	17,834	23.3
Electric lighting equipment.....	1,908	1,890	1,939	1.0	-2.5	-2.9	1,859	1,807	1,899	1,973	-5.8
Household appliances.....	679	909	884	-25.3	2.8	20.3	585	923	859	582	0.5
Electrical equipment.....	13,727	13,699	13,425	0.2	2.0	1.6	13,466	13,754	13,440	10,475	28.6
Transportation equipment.....	379,774	369,243	358,818	2.9	2.9	1.6	381,692	362,655	352,228	301,140	26.7
Motor vehicle bodies, parts, and trailers.....	19,954	19,592	19,562	1.8	0.2	1.2	20,021	18,945	18,780	17,092	17.1
Nondefense aircraft and parts.....	231,880	221,648	215,620	4.6	2.8	2.6	234,069	218,958	213,193	167,434	39.8
Defense aircraft and parts.....	48,162	45,413	43,686	6.1	4.0	0.0	47,526	43,712	42,105	45,508	4.4
Ships and boats.....	17,089	16,840	16,195	1.5	4.0	-0.7	17,214	16,162	15,419	12,862	33.8
Furniture and related products.....	7,019	7,025	7,140	-0.1	-1.6	-0.7	6,662	7,268	7,336	7,040	-5.4

<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 Dec. 06/05
	Monthly			Percent Change			Monthly				
	Dec. 2006 <sup>P</sup>	Nov. 2006 <sup>F</sup>	Oct. 2006	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2006 <sup>P</sup>	Nov. 2006 <sup>F</sup>	Oct. 2006	Dec. 2005	
All manufacturing industries .....	482,124	481,775	480,864	0.1	0.2	0.3	468,889	482,476	484,096	439,763	6.6
Excluding transportation .....	413,526	413,111	412,570	0.1	0.1	0.2	403,117	413,296	414,914	377,483	6.8
Excluding defense .....	463,440	462,597	461,698	0.2	0.2	0.4	450,703	463,315	464,810	420,541	7.2
With unfilled orders .....	230,692	229,881	229,250	0.4	0.3	1.0	224,483	230,327	229,815	205,640	9.2
Durable goods industries .....	295,780	294,683	293,841	0.4	0.3	0.8	287,237	295,204	294,478	264,976	8.4
Wood products.....	11,029	11,114	11,316	-0.8	-1.8	-1.8	10,948	11,152	11,408	11,776	-7.0
Nonmetallic mineral products.....	11,421	11,390	11,325	0.3	0.6	0.9	11,119	11,034	10,981	9,925	12.0
Primary metals.....	29,840	29,967	30,054	-0.4	-0.3	1.6	29,887	29,882	29,757	25,295	18.2
Iron and steel mills.....	16,870	16,903	16,898	-0.2	0.0	1.8	17,007	16,931	16,831	14,175	20.0
Aluminum and nonferrous metals.....	10,661	10,765	10,899	-1.0	-1.2	1.1	10,635	10,700	10,739	9,062	17.4
Ferrous metal foundries.....	2,309	2,299	2,257	0.4	1.9	2.8	2,245	2,251	2,187	2,058	9.1
Fabricated metal products.....	38,230	37,982	37,897	0.7	0.2	1.0	37,292	37,354	37,440	33,631	10.9
Machinery.....	47,180	46,473	46,395	1.5	0.2	0.5	45,709	46,786	46,433	42,026	8.8
Farm machinery.....	2,105	2,126	2,145	-1.0	-0.9	0.8	2,122	2,104	1,980	2,239	-5.2
Construction machinery.....	4,260	4,317	4,389	-1.3	-1.6	1.8	4,160	4,321	4,385	3,612	15.2
Mining, oil field, and gas field machinery.....	3,134	3,087	3,023	1.5	2.1	1.0	2,988	3,053	2,979	2,407	24.1
Industrial machinery.....	7,747	7,119	7,269	8.8	-2.1	-0.3	7,439	7,158	7,155	6,140	21.2
Photographic equipment.....	1,400	1,388	1,364	0.9	1.8	0.4	1,307	1,400	1,383	1,352	-3.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,957	4,064	4,102	-2.6	-0.9	1.1	3,691	4,064	4,110	3,539	4.3
Metalworking machinery.....	4,267	4,228	4,113	0.9	2.8	-3.2	4,135	4,263	4,219	4,286	-3.5
Turbines, generators, and other power transmission equipment.....	5,316	5,171	5,093	2.8	1.5	-0.6	5,184	5,385	5,260	4,521	14.7
Material handling equipment.....	2,956	2,943	2,992	0.4	-1.6	2.7	2,909	3,017	3,012	2,818	3.2
Computers and electronic products .....	46,299	46,203	45,851	0.2	0.8	0.5	44,623	47,047	46,560	41,131	8.5
Computers.....	1,261	1,233	1,068	2.3	15.4	-16.2	1,249	1,281	1,054	1,199	4.2
Computer storage devices.....	1,105	1,101	1,098	0.4	0.3	-0.7	961	1,221	1,177	910	5.6
Other peripheral equipment.....	2,057	2,055	2,054	0.1	0.0	-1.1	1,886	2,166	2,149	1,865	1.1
Nondefense communications equipment.....	8,919	9,119	9,244	-2.2	-1.4	1.7	8,674	9,568	9,420	8,776	-1.2
Defense communications equipment.....	932	958	966	-2.7	-0.8	0.4	849	982	976	922	-7.9
Audio and video equipment.....	1,068	1,065	1,021	0.3	4.3	-2.8	1,035	1,224	1,192	840	23.2
Semiconductors <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,926	6,933	6,850	-0.1	1.2	5.1	6,695	6,874	6,917	6,026	11.1
Nondefense search and navigation equipment.....	2,953	2,903	2,872	1.7	1.1	-0.8	2,891	2,910	2,882	2,561	12.9
Defense search and navigation equipment.....	2,621	2,543	2,522	3.1	0.8	1.8	2,556	2,505	2,540	2,283	12.0
Electromedical, measuring and control instruments.....	10,006	10,051	10,031	-0.4	0.2	1.5	9,780	10,176	10,062	9,290	5.3
Electrical equipment, appliances, and components.....	14,347	14,194	14,078	1.1	0.8	0.7	13,850	14,043	13,919	12,354	12.1
Electric lighting equipment.....	1,763	1,718	1,679	2.6	2.3	0.8	1,694	1,683	1,655	1,468	15.4
Household appliances.....	1,961	2,018	2,079	-2.8	-2.9	-3.1	1,756	1,984	2,062	1,877	-6.4
Electrical equipment.....	5,271	5,121	5,027	2.9	1.9	3.9	5,196	5,132	4,985	4,140	25.5
Batteries.....	499	485	456	2.9	6.4	-1.3	452	474	476	515	-12.2
Transportation equipment.....	68,598	68,664	68,294	-0.1	0.5	1.4	65,772	69,180	69,182	62,280	5.6
Automobiles.....	2,220	2,516	2,445	-11.8	2.9	22.1	1,984	2,480	2,393	1,891	4.9
Light trucks and utility vehicles.....	3,302	3,269	3,134	1.0	4.3	-4.7	2,922	3,369	3,196	2,902	0.7
Heavy duty trucks .....	1,462	1,363	1,414	7.3	-3.6	1.2	1,397	1,373	1,440	1,206	15.8
Motor vehicle bodies, parts, and trailers.....	17,460	17,400	17,283	0.3	0.7	-0.1	17,050	17,402	17,322	16,446	3.7
Nondefense aircraft and parts.....	25,035	24,347	24,257	2.8	0.4	2.2	23,889	24,738	24,854	20,517	16.4
Defense aircraft and parts.....	11,682	12,064	11,933	-3.2	1.1	-1.1	11,381	12,059	12,051	11,405	-0.2
Ships and boats.....	2,745	2,770	2,866	-0.9	-3.3	2.4	2,703	2,781	2,834	2,895	-6.6
Furniture and related products.....	8,689	8,823	8,770	-1.5	0.6	0.9	8,453	8,790	8,719	8,111	4.2
Miscellaneous durable goods.....	20,147	19,873	19,861	1.4	0.1	-0.1	19,584	19,936	20,079	18,447	6.2
Nondurable goods industries.....	186,344	187,092	187,023	-0.4	0.0	-0.4	181,652	187,272	189,618	174,787	3.9
Food products.....	34,620	34,533	34,277	0.3	0.7	2.1	34,582	35,953	36,531	32,479	6.5
Grain and oilseed milling.....	4,163	4,238	4,100	-1.8	3.4	-3.9	4,244	4,426	4,421	3,955	7.3
Dairy products.....	3,823	3,760	3,704	1.7	1.5	0.2	3,544	3,561	3,663	3,561	-0.5
Meat, poultry, and seafood products.....	6,279	6,231	6,197	0.8	0.5	1.6	6,207	6,366	6,314	5,728	8.4
Beverage and tobacco products.....	15,464	15,493	15,451	-0.2	0.3	1.7	15,495	15,892	16,023	15,779	-1.8
Beverages.....	11,144	11,153	11,104	-0.1	0.4	2.5	11,057	11,438	11,577	11,081	-0.2
Tobacco.....	4,320	4,340	4,347	-0.5	-0.2	-0.4	4,438	4,454	4,446	4,698	-5.5
Textile mills.....	3,522	3,499	3,538	0.7	-1.1	-1.0	3,418	3,427	3,488	3,473	-1.6
Textile products.....	3,061	3,084	3,118	-0.7	-1.1	-0.3	2,943	3,012	3,103	2,991	-1.6
Apparel.....	4,186	4,198	4,162	-0.3	0.9	0.4	3,999	4,028	4,163	4,406	-9.2
Leather and allied products.....	790	771	770	2.5	0.1	-0.1	764	760	768	780	-2.1
Paper products.....	14,709	14,743	14,630	-0.2	0.8	0.0	14,436	14,563	14,455	14,008	3.1
Pulp, paper, and paperboard mills.....	6,812	6,760	6,653	0.8	1.6	0.2	6,705	6,627	6,537	6,381	5.1
Paperboard containers.....	3,901	3,901	3,857	0.0	1.1	-0.1	3,868	3,841	3,792	3,892	-0.6
Printing.....	5,942	5,979	6,060	-0.6	-1.3	0.3	5,551	6,028	6,400	5,550	0.0
Petroleum and coal products.....	28,247	27,721	27,502	1.9	0.8	-5.6	26,006	27,160	28,066	23,303	11.6
Petroleum refineries.....	25,464	24,978	24,726	1.9	1.0	-6.3	23,520	24,482	25,315	21,371	10.1
Chemical products.....	56,942	57,641	57,964	-1.2	-0.6	0.0	55,820	57,288	57,402	53,916	3.5
Pesticides, fertilizers, and other agricultural chemicals.....	2,499	2,477	2,474	0.9	0.1	-0.6	2,623	2,429	2,277	2,700	-2.9
Pharmaceuticals and medicines.....	20,488	20,910	20,982	-2.0	-0.3	0.3	19,747	20,990	21,063	17,641	11.9
Paints, coatings, and adhesives.....	2,871	2,870	2,870	0.0	0.0	-0.2	2,720	2,751	2,788	2,637	3.1
Plastics and rubber products.....	18,861	19,430	19,551	-2.9	-0.6	-0.2	18,638	19,161	19,219	18,102	3.0

<sup>P</sup> Preliminary      <sup>F</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> 2006/2005
	Monthly			Percent Change			Monthly			Year to date			
	Dec. 2006 <sup>p</sup>	Nov. 2006 <sup>r</sup>	Oct. 2006	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2006 <sup>p</sup>	Nov. 2006 <sup>r</sup>	Oct. 2006	Dec. 2005	2006 <sup>p</sup>	2005	
<b>SHIPMENTS</b>													
All manufacturing industries .....	395,927	390,522	389,653	1.4	0.2	0.1	386,470	383,802	398,469	389,752	4,753,558	4,544,839	4.6
Construction materials and supplies.....	42,394	41,675	42,068	1.7	-0.9	-0.9	38,037	39,805	44,004	38,484	511,546	488,096	4.8
Information technology.....	27,023	27,516	25,847	-1.8	6.5	-5.2	31,614	26,843	25,047	32,063	325,890	307,279	6.1
Computers and related products .....	6,658	6,580	4,846	1.2	35.8	-22.9	8,149	6,006	4,806	8,807	76,781	78,405	-2.1
Motor vehicle and parts.....	40,486	38,366	37,339	5.5	2.8	2.1	35,972	37,317	41,022	36,577	469,781	481,835	-2.5
Capital goods.....	75,569	75,724	74,513	-0.2	1.6	-1.6	81,541	73,366	72,705	84,038	893,150	821,519	8.7
Nondefense capital goods <sup>3</sup> .....	67,334	67,521	66,324	-0.3	1.8	-2.3	72,510	64,873	64,648	75,320	797,430	730,842	9.1
Excluding aircraft.....	62,175	62,252	60,967	-0.1	2.1	-1.5	65,818	58,977	60,410	64,894	736,049	683,934	7.6
Defense capital goods <sup>4</sup> .....	8,235	8,203	8,189	0.4	0.2	4.6	9,031	8,493	8,057	8,718	95,720	90,677	5.6
Consumer goods.....	152,682	147,755	145,809	3.3	1.3	0.2	149,444	148,403	152,214	150,505	1,834,042	1,793,004	2.3
Consumer durable goods.....	36,008	33,834	32,984	6.4	2.6	1.0	35,436	33,863	35,404	35,866	417,276	422,668	-1.3
Consumer nondurable goods.....	116,674	113,921	112,825	2.4	1.0	-0.1	114,008	114,540	116,810	114,639	1,416,766	1,370,336	3.4
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	405,194	395,762	390,989	2.4	1.2	-4.5	404,026	388,383	398,177	401,043	4,791,893	4,549,636	5.3
Construction materials and supplies.....	42,253	41,222	42,101	2.5	-2.1	-1.0	37,396	38,931	43,747	38,740	514,637	494,225	4.1
Information technology.....	29,826	28,774	26,287	3.7	9.5	-10.5	35,393	27,754	25,712	32,235	340,511	314,559	8.3
Computers and related products .....	6,749	6,699	4,898	0.7	36.8	-23.7	8,240	6,125	4,858	8,954	76,559	78,173	-2.1
Motor vehicle and parts.....	40,848	38,396	37,564	6.4	2.2	1.7	37,048	37,482	41,009	37,498	472,710	483,467	-2.2
Capital goods.....	88,899	85,173	82,470	4.4	3.3	-17.7	102,436	83,093	80,192	99,877	989,547	888,344	11.4
Nondefense capital goods <sup>3</sup> .....	81,072	73,998	74,238	9.6	-0.3	-14.4	89,642	71,715	72,701	89,099	882,527	805,784	9.5
Excluding aircraft.....	65,233	63,295	63,929	3.1	-1.0	-4.0	67,687	60,280	64,444	64,726	761,604	698,118	9.1
Defense capital goods <sup>4</sup> .....	7,827	11,175	8,232	-30.0	35.8	-39.1	12,794	11,378	7,491	10,778	107,020	82,560	29.6
Consumer goods.....	152,530	147,902	146,172	3.1	1.2	0.6	148,974	148,670	152,659	149,084	1,833,960	1,791,838	2.4
Consumer durable goods.....	35,856	33,981	33,347	5.5	1.9	2.9	34,966	34,130	35,849	34,445	417,194	421,502	-1.0
Consumer nondurable goods.....	116,674	113,921	112,825	2.4	1.0	-0.1	114,008	114,540	116,810	114,639	1,416,766	1,370,336	3.4
<b>UNFILLED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	693,765	679,242	667,270	2.1	1.8	1.4	691,037	668,151	656,544	572,428	(X)	(X)	20.7
Construction materials and supplies.....	43,907	44,048	44,501	-0.3	-1.0	0.1	42,465	43,106	43,980	39,374	(X)	(X)	7.9
Information technology.....	117,560	114,757	113,499	2.4	1.1	0.4	116,984	113,205	112,294	102,363	(X)	(X)	14.3
Computers and related products .....	4,480	4,389	4,270	2.1	2.8	1.2	4,480	4,389	4,270	4,702	(X)	(X)	-4.7
Motor vehicle and parts.....	19,954	19,592	19,562	1.8	0.2	1.2	20,021	18,945	18,780	17,092	(X)	(X)	17.1
Capital goods.....	510,742	497,412	487,963	2.7	1.9	1.7	511,092	490,197	480,470	414,695	(X)	(X)	23.2
Nondefense capital goods <sup>3</sup> .....	372,092	358,354	351,877	3.8	1.8	2.3	372,011	354,879	348,037	286,914	(X)	(X)	29.7
Excluding aircraft.....	167,456	164,398	163,355	1.9	0.6	1.8	164,761	162,892	161,589	139,206	(X)	(X)	18.4
Defense capital goods <sup>4</sup> .....	138,650	139,058	136,086	-0.3	2.2	0.0	139,081	135,318	132,433	127,781	(X)	(X)	8.8
Consumer goods.....	8,791	8,943	8,796	-1.7	1.7	4.3	8,600	9,070	8,803	8,682	(X)	(X)	-0.9
Consumer durable goods.....	8,791	8,943	8,796	-1.7	1.7	4.3	8,600	9,070	8,803	8,682	(X)	(X)	-0.9
<b>TOTAL INVENTORIES</b>													
All manufacturing industries .....	482,124	481,775	480,864	0.1	0.2	0.3	468,889	482,476	484,096	439,763	(X)	(X)	6.6
Construction materials and supplies.....	56,085	56,234	56,454	-0.3	-0.4	0.2	54,360	55,261	55,747	51,168	(X)	(X)	6.2
Information technology.....	37,612	37,721	37,526	-0.3	0.5	0.0	36,350	38,647	38,041	34,758	(X)	(X)	4.6
Computers and related products .....	4,423	4,389	4,220	0.8	4.0	-5.3	4,096	4,668	4,380	3,974	(X)	(X)	3.1
Motor vehicle and parts.....	24,444	24,548	24,276	-0.4	1.1	1.2	23,353	24,624	24,351	22,445	(X)	(X)	4.0
Capital goods.....	129,882	128,269	127,957	1.3	0.2	0.6	125,915	129,825	128,925	117,207	(X)	(X)	7.4
Nondefense capital goods <sup>3</sup> .....	115,791	114,043	113,725	1.5	0.3	0.8	112,021	115,611	114,691	102,346	(X)	(X)	9.5
Excluding aircraft.....	96,609	95,559	95,316	1.1	0.3	0.5	93,704	96,773	95,789	86,644	(X)	(X)	8.1
Defense capital goods <sup>4</sup> .....	14,091	14,226	14,232	-0.9	0.0	-0.5	13,894	14,214	14,234	14,861	(X)	(X)	-6.5
Consumer goods.....	143,261	143,598	142,798	-0.2	0.6	-0.2	138,629	144,838	146,453	131,725	(X)	(X)	5.2
Consumer durable goods.....	27,376	27,816	27,572	-1.6	0.9	1.4	26,018	27,988	27,835	25,384	(X)	(X)	2.5
Consumer nondurable goods.....	115,885	115,782	115,226	0.1	0.5	-0.5	112,611	116,850	118,618	106,341	(X)	(X)	5.9

<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 Dec. 06/05
	Monthly			Percent Change			Monthly				
	Dec. 2006 <sup>p</sup>	Nov. 2006 <sup>f</sup>	Oct. 2006	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2006 <sup>p</sup>	Nov. 2006 <sup>f</sup>	Oct. 2006	Dec. 2005	
<b>MATERIALS AND SUPPLIES</b>											
All manufacturing industries.....	164,213	165,138	165,028	-0.6	0.1	-0.4	162,779	165,439	166,120	156,211	4.2
Durable goods industries.....	100,833	101,246	101,359	-0.4	-0.1	0.9	100,185	101,781	101,999	93,512	7.1
Wood products.....	4,600	4,607	4,708	-0.2	-2.1	-1.4	4,849	4,919	5,057	5,559	-12.8
Nonmetallic mineral products.....	4,244	4,240	4,222	0.1	0.4	0.4	4,201	4,225	4,220	3,858	8.9
Primary metals.....	10,855	10,761	10,827	0.9	-0.6	-0.4	11,083	10,874	10,914	8,931	24.1
Fabricated metal products.....	14,511	14,397	14,455	0.8	-0.4	2.3	14,417	14,173	14,274	12,538	15.0
Machinery.....	17,226	17,237	17,016	-0.1	1.3	1.2	16,958	17,254	17,168	15,360	10.4
Computers and electronic products.....	16,088	16,375	16,637	-1.8	-1.6	1.9	15,763	16,595	16,752	15,082	4.5
Electrical equipment, appliances, and components.....	5,738	5,643	5,604	1.7	0.7	1.8	5,756	5,650	5,579	5,230	10.1
Transportation equipment.....	17,295	17,803	17,736	-2.9	0.4	0.3	17,018	17,894	17,861	17,250	-1.3
Furniture and related products.....	3,487	3,523	3,530	-1.0	-0.2	0.4	3,465	3,508	3,494	3,447	0.5
Miscellaneous products.....	6,789	6,660	6,624	1.9	0.5	-0.7	6,675	6,689	6,680	6,257	6.7
Nondurable goods industries.....	63,380	63,892	63,669	-0.8	0.4	-2.4	62,594	63,658	64,121	62,699	-0.2
Food products.....	11,916	11,938	11,691	-0.2	2.1	-0.7	12,083	12,298	12,218	11,599	4.2
Beverage and tobacco products.....	4,582	4,631	4,570	-1.1	1.3	1.1	4,709	4,641	4,563	4,899	-3.9
Textiles.....	1,048	1,055	1,059	-0.7	-0.4	-0.7	1,035	1,026	1,038	1,057	-2.1
Textile products.....	1,289	1,313	1,328	-1.8	-1.1	0.5	1,263	1,283	1,313	1,243	1.6
Apparel.....	1,151	1,159	1,167	-0.7	-0.7	0.0	1,134	1,135	1,156	1,198	-5.3
Leather and allied products.....	254	238	245	6.7	-2.9	-1.2	251	236	247	298	-15.8
Paper products.....	6,987	7,089	6,974	-1.4	1.6	0.1	6,931	7,026	6,934	6,879	0.8
Printing.....	2,926	2,903	2,903	0.8	0.0	-1.4	2,789	2,894	2,964	2,583	8.0
Petroleum and coal products.....	8,511	8,737	8,593	-2.6	1.7	-14.7	7,998	8,531	8,683	8,340	-4.1
Chemical products.....	17,349	17,238	17,462	0.6	-1.3	0.1	16,974	17,004	17,333	17,131	-0.9
Plastics and rubber products.....	7,367	7,591	7,677	-3.0	-1.1	-0.3	7,427	7,584	7,672	7,472	-0.6
<b>WORK IN PROCESS</b>											
All manufacturing industries.....	135,266	133,418	132,761	1.4	0.5	1.1	130,870	134,993	135,019	118,617	10.3
Durable goods industries.....	105,054	103,066	102,558	1.9	0.5	1.1	101,265	103,706	103,537	91,039	11.2
Wood products.....	2,122	2,110	2,127	0.6	-0.8	-2.4	2,146	2,113	2,121	2,067	3.8
Nonmetallic mineral products.....	1,305	1,309	1,292	-0.3	1.3	1.6	1,230	1,221	1,223	1,072	14.7
Primary metals.....	9,509	9,660	9,475	-1.6	2.0	2.1	9,354	9,568	9,358	7,856	19.1
Fabricated metal products.....	11,088	11,027	10,951	0.6	0.7	0.3	10,735	10,978	10,935	9,559	12.3
Machinery.....	13,686	12,928	13,258	5.9	-2.5	-0.9	12,811	13,287	13,346	11,750	9.0
Computers and electronic products.....	21,031	20,705	20,446	1.6	1.3	1.5	20,142	21,042	20,895	18,078	11.4
Electrical equipment, appliances, and components.....	2,908	2,848	2,862	2.1	-0.5	-0.2	2,786	2,796	2,818	2,456	13.4
Transportation equipment.....	38,663	37,684	37,317	2.6	1.0	2.0	37,499	37,895	38,018	33,561	11.7
Furniture and related products.....	1,581	1,627	1,623	-2.8	0.2	-1.6	1,571	1,620	1,606	1,602	-1.9
Miscellaneous products.....	3,161	3,168	3,207	-0.2	-1.2	0.2	2,991	3,186	3,217	3,038	-1.5
Nondurable goods industries.....	30,212	30,352	30,203	-0.5	0.5	1.2	29,605	31,287	31,482	27,578	7.4
Food products.....	2,870	2,881	2,995	-0.4	-3.8	25.1	3,148	3,301	3,559	2,660	18.3
Beverage and tobacco products.....	4,821	4,793	4,664	0.6	2.8	3.0	5,208	5,224	4,999	5,064	2.8
Textiles.....	849	862	885	-1.5	-2.6	-0.8	825	851	883	909	-9.2
Textile products.....	427	419	421	1.9	-0.5	-2.3	393	414	422	425	-7.5
Apparel.....	802	770	758	4.2	1.6	1.2	751	761	759	801	-6.2
Leather and allied products.....	86	90	89	-4.4	1.1	-6.3	81	85	86	81	0.0
Paper products.....	1,182	1,208	1,198	-2.2	0.8	1.8	1,167	1,187	1,170	1,104	5.7
Printing.....	1,365	1,386	1,449	-1.5	-4.3	0.3	1,163	1,423	1,664	1,407	-17.3
Petroleum and coal products.....	4,660	4,466	4,101	4.3	8.9	-1.5	4,152	4,436	4,312	3,194	30.0
Chemical products.....	11,063	11,350	11,551	-2.5	-1.7	-2.5	10,677	11,472	11,528	9,998	6.8
Plastics and rubber products.....	2,087	2,127	2,092	-1.9	1.7	-1.3	2,040	2,133	2,100	1,935	5.4
<b>FINISHED GOODS</b>											
All manufacturing industries.....	182,645	183,219	183,075	-0.3	0.1	0.4	175,240	182,044	182,957	164,935	6.2
Durable goods industries.....	89,893	90,371	89,924	-0.5	0.5	0.4	85,787	89,717	88,942	80,425	6.7
Wood products.....	4,307	4,397	4,481	-2.0	-1.9	-2.0	3,953	4,120	4,230	4,150	-4.7
Nonmetallic mineral products.....	5,872	5,841	5,811	0.5	0.5	1.2	5,688	5,588	5,538	4,995	13.9
Primary metals.....	9,476	9,546	9,752	-0.7	-2.1	3.4	9,450	9,440	9,485	8,508	11.1
Fabricated metal products.....	12,631	12,558	12,491	0.6	0.5	0.1	12,140	12,203	12,231	11,534	5.3
Machinery.....	16,268	16,308	16,121	-0.2	1.2	1.0	15,940	16,245	15,919	14,916	6.9
Computers and electronic products.....	9,180	9,123	8,768	0.6	4.0	-4.5	8,718	9,410	8,913	7,971	9.4
Electrical equipment, appliances, and components.....	5,701	5,703	5,612	0.0	1.6	0.0	5,308	5,597	5,522	4,668	13.7
Transportation equipment.....	12,640	13,177	13,241	-4.1	-0.5	1.1	11,255	13,391	13,303	11,469	-1.9
Furniture and related products.....	3,621	3,673	3,617	-1.4	1.5	2.7	3,417	3,662	3,619	3,062	11.6
Miscellaneous products.....	10,197	10,045	10,030	1.5	0.1	0.3	9,918	10,061	10,182	9,152	8.4
Nondurable goods industries.....	92,752	92,848	93,151	-0.1	-0.3	0.5	89,453	92,327	94,015	84,510	5.8
Food products.....	19,834	19,714	19,591	0.6	0.6	1.0	19,351	20,354	20,754	18,220	6.2
Beverage and tobacco products.....	6,061	6,069	6,217	-0.1	-2.4	1.1	5,578	6,027	6,461	5,816	-4.1
Textiles.....	1,625	1,582	1,594	2.7	-0.8	-1.4	1,558	1,550	1,567	1,507	3.4
Textile products.....	1,345	1,352	1,369	-0.5	-1.2	-0.4	1,287	1,315	1,368	1,323	-2.7
Apparel.....	2,233	2,269	2,237	-1.6	1.4	0.3	2,114	2,132	2,248	2,407	-12.2
Leather and allied products.....	450	443	436	1.6	1.6	1.9	432	439	435	401	7.7
Paper products.....	6,540	6,446	6,458	1.5	-0.2	-0.4	6,338	6,350	6,351	6,025	5.2
Printing.....	1,651	1,690	1,708	-2.3	-1.1	3.3	1,599	1,711	1,772	1,560	2.5
Petroleum and coal products.....	15,076	14,518	14,808	3.8	-2.0	-0.7	13,856	14,193	15,071	11,769	17.7
Chemical products.....	28,530	29,053	28,951	-1.8	0.4	1.0	28,169	28,812	28,541	26,787	5.2
Plastics and rubber products.....	9,407	9,712	9,782	-3.1	-0.7	0.1	9,171	9,444	9,447	8,695	5.5

<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>			
	Dec 2006 <sup>p</sup>	Nov 2006 <sup>f</sup>	Oct 2006	Sep 2006	Dec 2006 <sup>p</sup>	Nov 2006 <sup>f</sup>	Oct 2006	Sep 2006
All manufacturing industries <sup>2</sup> .....	1.22	1.23	1.23	1.23	(X)	(X)	(X)	(X)
Durable goods industries <sup>2</sup> .....	1.40	1.40	1.40	1.40	4.70	4.64	4.58	4.46
Wood products.....	1.46	1.47	1.50	1.47	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.16	1.18	1.15	1.14	(X)	(X)	(X)	(X)
Primary metals.....	1.55	1.60	1.59	1.53	1.37	1.41	1.41	1.38
Fabricated metal products.....	1.54	1.56	1.55	1.53	2.23	2.26	2.26	2.26
Machinery.....	1.67	1.67	1.64	1.66	3.00	2.98	2.92	2.86
Computers and electronic products <sup>2</sup> .....	1.38	1.30	1.32	1.32	4.94	4.73	4.99	4.69
Electrical equipment, appliances, and components.....	1.42	1.43	1.40	1.40	2.40	2.43	2.35	2.30
Transportation equipment.....	1.18	1.22	1.24	1.24	10.48	10.24	9.96	9.75
Furniture and related products.....	1.17	1.20	1.16	1.15	1.06	1.08	1.07	1.07
Miscellaneous products.....	1.56	1.56	1.54	1.54	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.01	1.04	1.04	1.04	(X)	(X)	(X)	(X)
Food products.....	0.77	0.77	0.77	0.76	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.55	1.51	1.52	1.57	(X)	(X)	(X)	(X)
Textiles.....	1.30	1.26	1.25	1.30	(X)	(X)	(X)	(X)
Textile products.....	1.11	1.14	1.13	1.12	(X)	(X)	(X)	(X)
Apparel.....	1.39	1.44	1.43	1.44	(X)	(X)	(X)	(X)
Leather and allied products.....	1.79	1.77	1.47	1.52	(X)	(X)	(X)	(X)
Paper products.....	1.06	1.09	1.07	1.07	(X)	(X)	(X)	(X)
Printing.....	0.76	0.76	0.79	0.79	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.81	0.86	0.89	0.90	(X)	(X)	(X)	(X)
Chemical products.....	1.21	1.23	1.21	1.22	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.13	1.17	1.18	1.17	(X)	(X)	(X)	(X)

<sup>p</sup> Preliminary      <sup>f</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	
	Dec <sup>1</sup> 2006	Dec <sup>2</sup> 2005- Nov 2006	Dec <sup>1</sup> 2006	Dec <sup>2</sup> 2005- Nov 2006	Dec <sup>1</sup> 2006	Dec <sup>2</sup> 2005- Nov 2006	Dec <sup>1</sup> 2006	Dec <sup>2</sup> 2005- Nov 2006
	All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.2	(X)
Durable goods industries.....	0.2	0.2	-0.2	0.5	-0.2	0.2	0.0	0.2
Wood products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.9
Nonmetallic mineral products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	0.6	0.5	0.9	1.3	0.3	0.5	0.0	0.4
Fabricated metal products.....	-0.2	0.3	0.3	0.8	0.2	0.3	0.0	0.3
Machinery.....	0.2	0.6	0.2	1.3	-0.1	0.4	0.0	0.2
Computers and electronic products.....	0.1	0.5	1.1	1.2	0.3	0.2	-0.5	0.3
Electrical equipment, appliances, and components.....	0.1	0.5	-0.2	1.7	-0.1	0.7	0.1	0.3
Transportation equipment.....	0.4	0.5	-1.5	1.3	-0.3	0.2	0.0	0.2
Furniture and related products.....	(X)	0.4	(X)	0.8	(X)	0.6	(X)	0.2
Miscellaneous products.....	(X)	0.7	(X)	1.1	(X)	1.3	(X)	0.4
Nondurable goods industries.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Food products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Beverage and tobacco products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Textile products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.2
Apparel.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	1.2
Leather and allied products.....	(X)	2.7	(X)	(NA)	(X)	(NA)	(X)	2.0
Paper products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.3
Printing.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Petroleum and coal products.....	(X)	1.2	(X)	(NA)	(X)	(NA)	(X)	1.3
Chemical products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Plastics and rubber products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4

X Not Applicable

NA Not Available

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

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

## 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 4,200 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 62 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 4,200 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 4,200 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections will be published in the full report. Corrections received after the full report will be released in the next month's advance report. Any revisions made later than two months will be reflected in the annual benchmark publication.

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

### 2007 Release Dates for M3 Survey

Survey Month	Advance 8:30 A.M.	Preliminary 10:00 A.M.
Jan 2007	February 27, 2007	March 6, 2007
Feb 2007	March 28, 2007	April 4, 2007
Mar 2007	April 25, 2007	May 2, 2007
Apr 2007	May 24, 2007	June 4, 2007
May 2007	June 27, 2007	July 3, 2007
Jun 2007	July 26, 2007	August 2, 2007
Jul 2007	August 24, 2007	August 31, 2007
Aug 2007	September 26, 2007	October 4, 2007
Sep 2007	October 25, 2007	November 2, 2007
Oct 2007	November 28, 2007	December 5, 2007
Nov 2007	December 27, 2007	