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## Advance Report on Durable Goods Manufacturers' Shipments, Inventories and Orders November 2006

### New Orders

New orders for manufactured durable goods in November increased \$4.0 billion or 1.9 percent to \$214.2 billion, the U.S. Census Bureau announced today. This was the third increase in the last four months and followed an 8.2 percent October decrease. Excluding transportation, new orders decreased 1.1 percent. Excluding defense, new orders increased 0.6 percent.

Transportation equipment, up three of the last four months, had the largest increase, \$5.6 billion or 9.4 percent to \$65.7 billion.

### Shipments

Shipments of manufactured durable goods in November, up three of the last four months, increased \$0.2 billion or 0.1 percent to \$209.6 billion. This followed a 0.3 percent October increase.

Computers and electronic products, up four of the last five months, had the largest increase, \$0.9 billion or 2.6 percent to \$35.7 billion.

### Unfilled Orders

Unfilled orders for manufactured durable goods in November, up eighteen of the last nineteen months, increased \$11.7 billion or 1.7 percent to \$678.5 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.3 percent October increase.

Transportation equipment, up eighteen of the last nineteen months, had the largest increase, \$10.4 billion or 2.9 percent to \$368.8 billion.

### Inventories

Inventories of manufactured durable goods in November, up ten of the last eleven months, increased \$0.8 billion or 0.3 percent to \$294.5 billion. This followed a 0.7 percent October increase.

Transportation equipment, up eight of the last nine months, had the largest increase, \$0.5 billion or 0.7 percent to \$68.8 billion.

### Capital Goods

Nondefense new orders for capital goods in November decreased \$0.2 billion or 0.2 percent to \$73.7 billion. Shipments increased \$1.1 billion or 1.7 percent to \$67.5 billion. Unfilled orders increased \$6.2 billion or 1.8 percent to \$357.7 billion. Inventories increased \$0.2 billion or 0.2 percent to \$113.9 billion.

Defense new orders for capital goods in November increased \$2.8 billion or 34.2 percent to \$10.9 billion. Shipments increased 0.6 percent to \$8.2 billion. Unfilled orders increased \$2.6 billion or 1.9 percent to \$138.6 billion. Inventories increased 0.3 percent to \$14.3 billion.

### Revised October Data

Revised seasonally adjusted October figures for all manufacturing industries were: new orders, \$390.2 billion (revised from \$390.3 billion); shipments, \$389.3 billion (revised from \$389.9 billion); unfilled orders, \$666.8 billion (revised from \$666.5 billion); and total inventories, \$480.6 billion (revised from \$481.1 billion).

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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>>.

Revised and more detailed estimates, plus nondurable goods data, will be published on January 4, 2007, at 10:00 a.m. EST. The advance report on durable goods for December is scheduled for release on January 26, 2007, at 8:30 a.m. EST. See back page for survey description.

**Table 1. Durable Goods Manufacturers' Shipments and New Orders**  
[Millions of Dollars]

Item	Seasonally Adjusted						Not Seasonally Adjusted <sup>1</sup>					
	Monthly			Percent Change			Monthly			Year to Date		
	Nov 2006 <sup>2</sup>	Oct 2006 <sup>†</sup>	Sep 2006	Oct - Nov <sup>2</sup>	Sep - Oct <sup>†</sup>	Aug - Sep	Nov 2006 <sup>2</sup>	Oct 2006 <sup>†</sup>	Nov 2005	2006	2005	Percent Change 06/05
<b>DURABLE GOODS</b>												
<b>Total:</b>												
Shipments.....	209,583	209,352	208,774	0.1	0.3	-2.7	205,297	213,345	199,737	2,310,214	2,173,759	6.3
New Orders <sup>4</sup> .....	214,241	210,252	228,980	1.9	-8.2	8.7	210,041	212,987	209,455	2,331,090	2,167,265	7.6
<b>Excluding transportation:</b>												
Shipments.....	154,308	154,484	154,384	-0.1	0.1	-2.1	149,672	156,293	143,771	1,694,092	1,566,782	8.1
New Orders <sup>4</sup> .....	148,539	150,192	152,702	-1.1	-1.6	0.5	143,561	152,156	139,485	1,653,025	1,524,569	8.4
<b>Excluding defense:</b>												
Shipments.....	199,617	199,458	199,372	0.1	0.0	-2.6	194,955	203,750	190,662	2,206,604	2,077,265	6.2
New Orders <sup>4</sup> .....	201,455	200,302	214,018	0.6	-6.4	7.3	196,811	204,061	201,258	2,220,619	2,083,087	6.6
<b>Manufacturing with unfilled orders:</b>												
Shipments.....	146,405	145,957	147,679	0.3	-1.2	-1.9	142,659	146,984	135,773	1,598,576	1,470,726	8.7
New Orders <sup>4</sup> .....	158,058	154,516	173,815	2.3	-11.1	13.3	154,489	154,231	152,282	1,694,456	1,533,432	10.5
<b>Primary metals:</b>												
Shipments.....	18,755	18,893	19,292	-0.7	-2.1	-3.3	17,780	19,378	15,938	207,498	179,237	15.8
New Orders.....	18,559	18,926	18,902	-1.9	0.1	-3.1	17,820	18,820	17,299	207,800	181,645	14.4
<b>Fabricated metal products:</b>												
Shipments.....	24,285	24,505	24,600	-0.9	-0.4	-1.7	23,415	25,531	22,756	271,877	253,311	7.3
New Orders.....	24,201	24,255	25,064	-0.2	-3.2	-2.1	22,593	24,941	22,739	277,013	259,594	6.7
<b>Machinery:</b>												
Shipments.....	27,955	28,265	27,797	-1.1	1.7	-1.3	25,841	28,298	23,813	299,369	268,672	11.4
New Orders.....	28,052	30,777	29,582	-8.9	4.0	3.4	26,668	31,360	25,567	312,554	277,424	12.7
<b>Computers and electronic products:</b>												
Shipments.....	35,737	34,846	34,518	2.6	1.0	-3.4	35,318	33,777	33,031	380,916	353,849	7.6
New Orders <sup>4</sup> .....	29,693	27,616	30,702	7.5	-10.1	2.2	28,735	26,807	25,674	315,986	290,584	8.7
<b>Computers and related products:</b>												
Shipments.....	6,312	4,839	6,283	30.4	-23.0	-6.4	5,929	4,806	5,931	68,555	69,598	-1.5
New Orders.....	6,211	4,891	6,417	27.0	-23.8	1.0	5,828	4,858	5,970	68,022	69,219	-1.7
<b>Communications equipment:</b>												
Shipments.....	5,914	5,852	5,952	1.1	-1.7	0.7	5,724	5,508	5,047	63,371	54,881	15.5
New Orders.....	6,089	5,289	6,630	15.1	-20.2	-1.0	5,735	5,289	4,692	65,950	57,066	15.6
<b>Semiconductors:</b>												
Shipments.....	6,995	7,659	5,930	-8.7	29.2	-12.7	7,086	7,605	6,791	75,004	69,200	8.4
New Orders <sup>4</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Electrical equipment, appliances, and components:</b>												
Shipments.....	9,985	10,103	10,014	-1.2	0.9	-3.4	9,919	10,211	9,834	110,897	102,399	8.3
New Orders.....	10,389	10,547	10,291	-1.5	2.5	4.4	10,221	10,772	9,880	115,541	105,148	9.9
<b>Transportation equipment:</b>												
Shipments.....	55,275	54,868	54,390	0.7	0.9	-4.2	55,625	57,052	55,966	616,122	606,977	1.5
New Orders.....	65,702	60,060	76,278	9.4	-21.3	30.0	66,480	60,831	69,970	678,065	642,696	5.5
<b>Motor vehicles and parts:</b>												
Shipments.....	37,633	37,323	36,581	0.8	2.0	-7.2	37,172	41,012	38,311	433,654	445,258	-2.6
New Orders.....	37,625	37,549	36,927	0.2	1.7	-6.0	37,343	40,999	38,322	435,513	445,969	-2.3
<b>Nondefense aircraft and parts:</b>												
Shipments.....	8,220	8,221	8,863	0.0	-7.2	8.6	8,800	7,041	9,019	85,149	66,843	27.4
New Orders.....	14,186	13,237	23,801	7.2	-44.4	198.2	14,876	11,404	23,520	136,984	111,572	22.8
<b>Defense aircraft and parts:</b>												
Shipments.....	3,739	3,718	3,427	0.6	8.5	-5.2	4,004	3,483	3,440	37,724	35,725	5.6
New Orders.....	5,225	3,733	2,987	40.0	25.0	-9.5	5,504	3,460	3,460	35,821	30,085	19.1
<b>All other durable goods:</b>												
Shipments.....	37,591	37,872	38,163	-0.7	-0.8	-0.9	37,399	39,098	38,399	423,535	409,314	3.5
New Orders.....	37,645	38,071	38,161	-1.1	-0.2	-0.5	37,524	39,456	38,326	424,131	410,174	3.4
<b>Capital goods:<sup>3</sup></b>												
Shipments.....	75,725	74,551	75,747	1.6	-1.6	-0.9	73,234	72,716	69,346	811,488	737,481	10.0
New Orders.....	84,563	81,963	100,205	3.2	-18.2	26.5	82,835	80,129	84,247	886,790	788,467	12.5
<b>Nondefense capital goods:</b>												
Shipments.....	67,493	66,366	67,915	1.7	-2.3	-0.4	64,712	64,673	61,574	724,784	655,522	10.6
New Orders.....	73,698	73,867	86,687	-0.2	-14.8	24.6	71,689	72,773	77,640	792,931	716,685	10.6
<b>Excluding aircraft:</b>												
Shipments.....	62,309	61,017	61,903	2.1	-1.4	-1.6	58,987	60,435	55,355	670,266	619,040	8.3
New Orders.....	63,137	64,023	66,617	-1.4	-3.9	3.1	60,095	64,516	56,265	693,804	633,392	9.5
<b>Defense capital goods:</b>												
Shipments.....	8,232	8,185	7,832	0.6	4.5	-4.8	8,522	8,043	7,772	86,704	81,959	5.8
New Orders.....	10,865	8,096	13,518	34.2	-40.1	39.8	11,146	7,356	6,607	93,859	71,782	30.8

NA Not Available <sup>†</sup> Revised

<sup>1</sup> Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and total inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations

<sup>2</sup> Based on advance sample. 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"

<sup>3</sup> The Capital Goods Industries include Nondefense: 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; 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

Defense Capital Goods include: small arms and ordnance, communications equipment, aircraft; missiles, space vehicles, and parts, ships and boats, and search and navigation equipment

<sup>4</sup> Data on new and unfilled orders are not available for the semiconductor industry. Estimates and percent changes for new orders and unfilled orders exclude semiconductor industry data. Inventories for semiconductor industry data are included in computers and electronic products and total durable goods industries, but are not shown separately

**Table 2. Durable Goods Manufacturers' Unfilled Orders and Total Inventories**  
 [Millions of Dollars]

Item	Seasonally Adjusted						Not Seasonally Adjusted <sup>1</sup>			
	Monthly			Percent Change			Monthly			Percent Change 2006/2005
	Nov 2006 <sup>2</sup>	Oct 2006 <sup>r</sup>	Sep 2006	Oct - Nov <sup>2</sup>	Sep - Oct <sup>r</sup>	Aug - Sep	Nov 2006 <sup>2</sup>	Oct 2006 <sup>r</sup>	Nov 2005	
<b>DURABLE GOODS</b>										
<b>Total:</b>										
Unfilled Orders <sup>4</sup> .....	678,487	666,834	658,275	1.7	1.3	4.1	668,308	656,478	553,943	20.6
Total Inventories.....	294,546	293,712	291,562	0.3	0.7	1.2	294,939	294,353	273,494	7.8
<b>Excluding transportation:</b>										
Unfilled Orders <sup>4</sup> .....	309,691	308,465	305,098	0.4	1.1	1.4	305,225	304,250	270,377	12.9
Total Inventories.....	225,782	225,409	224,187	0.2	0.5	1.1	225,609	225,173	207,976	8.5
<b>Excluding defense:</b>										
Unfilled Orders <sup>4</sup> .....	526,985	518,152	509,649	1.7	1.7	4.2	520,902	511,960	416,914	24.9
Total Inventories.....	275,280	274,541	272,307	0.3	0.8	1.2	275,724	275,063	253,922	8.6
<b>Manufacturing with unfilled orders:</b>										
Unfilled Orders <sup>4</sup> .....	678,487	666,834	658,275	1.7	1.3	4.1	668,308	656,478	553,943	20.6
Total Inventories.....	229,691	229,101	227,002	0.3	0.9	1.5	229,993	229,667	211,837	8.6
<b>Primary metals:</b>										
Unfilled Orders.....	26,489	26,685	26,652	-0.7	0.1	-1.4	25,576	25,536	24,190	5.7
Total Inventories.....	30,103	30,050	29,577	0.2	1.6	3.5	29,987	29,749	25,037	19.8
<b>Fabricated metal products:</b>										
Unfilled Orders.....	53,488	53,572	53,822	-0.2	-0.5	0.9	52,241	53,063	47,006	11.1
Total Inventories.....	37,966	37,844	37,525	0.3	0.9	1.4	37,318	37,396	33,831	10.3
<b>Machinery:</b>										
Unfilled Orders.....	75,655	75,558	73,046	0.1	3.4	2.5	74,890	74,063	60,817	23.1
Total Inventories.....	46,104	46,326	46,148	-0.5	0.4	1.6	46,314	46,350	43,648	6.1
<b>Computers and electronic products:</b>										
Unfilled Orders <sup>4</sup> .....	119,194	118,243	117,814	0.8	0.4	1.8	117,649	117,146	107,255	9.7
Total Inventories.....	46,138	45,816	45,643	0.7	0.4	-0.1	46,985	46,530	43,918	7.0
<b>Computers and related products:</b>										
Unfilled Orders.....	4,169	4,270	4,218	-2.4	1.2	3.3	4,169	4,270	4,555	-8.5
Total Inventories.....	4,397	4,221	4,456	4.2	-5.3	4.9	4,676	4,380	4,571	2.3
<b>Communications equipment:</b>										
Unfilled Orders.....	35,918	35,743	36,306	0.5	-1.6	1.9	35,591	35,580	33,888	5.0
Total Inventories.....	10,155	10,203	10,053	-0.5	1.5	0.9	10,560	10,396	10,877	-2.9
<b>Semiconductors:</b>										
Unfilled Orders <sup>4</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Total Inventories <sup>4</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Electrical equipment, appliances, and components:</b>										
Unfilled Orders.....	22,734	22,330	21,886	1.8	2.0	1.3	22,478	22,176	17,728	26.8
Total Inventories.....	14,114	14,068	13,982	0.3	0.6	-0.9	13,974	13,919	12,587	11.0
<b>Transportation equipment:</b>										
Unfilled Orders.....	368,796	358,369	353,177	2.9	1.5	6.6	363,083	352,228	283,566	28.0
Total Inventories.....	68,764	68,303	67,375	0.7	1.4	1.4	69,330	69,180	65,518	5.8
<b>Motor vehicles and parts:</b>										
Unfilled Orders.....	19,555	19,563	19,337	0.0	1.2	1.8	18,951	18,780	16,171	17.2
Total Inventories.....	24,554	24,275	23,988	1.1	1.2	-1.0	24,643	24,349	23,888	3.2
<b>Nondefense Aircraft and parts:</b>										
Unfilled Orders.....	221,127	215,161	210,145	2.8	2.4	7.7	219,269	213,193	153,003	43.3
Total Inventories.....	24,341	24,268	23,738	0.3	2.2	4.7	24,825	24,854	21,821	13.8
<b>Defense Aircraft and parts:</b>										
Unfilled Orders.....	45,181	43,695	43,680	3.4	0.0	-1.0	43,605	42,105	43,190	1.0
Total Inventories.....	12,097	11,933	12,065	1.4	-1.1	2.3	12,050	12,051	11,691	3.1
<b>All other durable goods:</b>										
Unfilled Orders.....	12,131	12,077	11,878	0.4	1.7	0.0	12,391	12,266	13,381	-7.4
Total Inventories.....	51,357	51,305	51,312	0.1	0.0	0.6	51,031	51,229	48,955	4.2
<b>Capital goods:<sup>3</sup></b>										
Unfilled Orders.....	496,256	487,418	480,006	1.8	1.5	5.4	489,997	480,396	398,856	22.9
Total Inventories.....	128,144	127,921	127,170	0.2	0.6	1.7	129,672	128,880	122,455	5.9
<b>Nondefense capital goods:</b>										
Unfilled Orders.....	357,669	351,464	343,963	1.8	2.2	5.8	355,061	348,084	273,135	30.0
Total Inventories.....	113,869	113,684	112,862	0.2	0.7	1.9	115,401	114,642	107,540	7.3
<b>Excluding aircraft:</b>										
Unfilled Orders.....	164,227	163,399	160,393	0.5	1.9	3.0	162,744	161,636	139,374	16.8
Total Inventories.....	95,389	95,264	94,866	0.1	0.4	1.1	96,476	95,740	90,882	6.2
<b>Defense capital goods:</b>										
Unfilled Orders.....	138,587	135,954	136,043	1.9	-0.1	4.4	134,936	132,312	125,721	7.3
Total Inventories.....	14,275	14,237	14,308	0.3	-0.5	0.1	14,271	14,238	14,915	-4.3

See footnotes at end of Table 1

## 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.
Nov 2006		January 4, 2007
Dec 2006	January 26, 2007	February 2, 2007
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	