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Full Report on Manufacturers' Shipments, Inventories and Orders July 2007

Summary

New orders for manufactured goods in July, up five of the last six months, increased \$15.8 billion or 3.7 percent to \$436.7 billion, the U.S. Census Bureau reported today. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.0 percent June increase.

Shipments, up four of the last five months, increased \$10.9 billion or 2.6 percent to \$425.9 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.5 percent June decrease.

Unfilled orders, up twenty-six of the last twenty-seven months, increased \$17.4 billion or 2.4 percent to \$754.5 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.6 percent June increase. The unfilled orders-to-shipments ratio was 4.93, down from 4.97 in June.

Inventories, up sixteen of the last seventeen months, increased \$0.8 billion or 0.2 percent to \$517.3 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.2 percent June increase. The inventories-to-shipments ratio was 1.21, down from 1.24 in June.

New Orders

New orders for manufactured durable goods in July, up five of the last six months, increased \$13.1 billion or 6.0 percent to \$230.7 billion, revised from the previously published 5.9 percent increase. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.8 percent June increase.

Transportation equipment, up two consecutive months, had the largest increase, \$7.4 billion or 11.0 percent to \$75.4 billion.

New orders for manufactured nondurable goods increased \$2.6 billion or 1.3 percent to \$206.0 billion.

Shipments

Shipments of manufactured durable goods in July, up four of the last five months, increased \$8.3 billion or 3.9 percent to \$219.9 billion, revised from the previously published 3.8 percent increase. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.1 percent June decrease.

Transportation equipment, up two of the last three months, had the largest increase, \$5.4 billion or 9.4 percent to \$62.6 billion.

Shipments of manufactured nondurable goods, up five of the last six months, increased \$2.6 billion or 1.3 percent to \$206.0 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.2 percent June increase. Food products led the increase, up \$0.8 billion or 1.6 percent to \$48.0 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in July, up twenty-six of the last twenty-seven months, increased \$17.4 billion or 2.4 percent to \$754.5 billion, unchanged from the previously published increase. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.6 percent June increase.

Transportation equipment, up eighteen consecutive months, had the largest increase, \$12.8 billion or 3.0 percent to \$433.9 billion.

Inventories

Inventories of manufactured durable goods in July, up sixteen of the last seventeen months, increased \$0.2 billion or 0.1 percent to \$312.9 billion, unchanged from the previously published increase. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a slight June decrease.

Transportation equipment, up six of the last seven months, had the largest increase, \$0.4 billion or 0.5 percent to \$77.7 billion.

Inventories of manufactured nondurable goods, up five consecutive months, increased \$0.6 billion or 0.3 percent to \$204.5 billion. This was led by food products, which increased \$0.5 billion or 1.3 percent to \$37.2 billion.

By stage of fabrication, July materials and supplies decreased 0.1 percent in durable goods and increased 0.1 percent in nondurable goods. Work in process increased 0.4 percent in durable goods and decreased 0.4 percent in nondurable goods. Finished goods decreased 0.1 percent in durable goods and increased 0.7 percent in nondurable goods.

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 August is scheduled for release on September 26, 2007, at 8:30 a.m. EDT and the full report on October 4, 2007, at 10:00 a.m. EDT. See back page for survey description.

Table 1. Value of Manufacturers' Shipments for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Year to date		
	July 2007 ^p	June 2007 ^r	May 2007	June - July	May - June	Apr. - May	July 2007 ^p	June 2007 ^r	May 2007	July 2006	2007 ^p	2006	Percent 2007/2006
All manufacturing industries	425,892	415,010	417,004	2.6	-0.5	0.8	396,474	439,903	432,788	386,404	2,859,057	2,875,537	-0.6
Excluding transportation	363,327	357,802	359,770	1.5	-0.5	0.7	351,478	376,758	371,464	346,842	2,464,755	2,478,483	-0.6
Excluding defense	415,505	405,546	407,061	2.5	-0.4	0.8	387,195	429,846	422,851	378,019	2,792,653	2,812,133	-0.7
With unfilled orders	153,085	148,331	149,706	3.2	-0.9	0.8	136,068	161,524	153,351	129,995	1,023,942	1,003,816	2.0
Durable goods industries	219,871	211,616	213,967	3.9	-1.1	0.2	191,784	230,163	220,654	183,198	1,466,365	1,465,463	0.1
Wood products.....	8,084	8,056	8,024	0.3	0.4	3.1	8,148	8,892	8,531	8,350	54,811	63,528	-13.7
Nonmetallic mineral products.....	9,701	9,690	9,808	0.1	-1.2	0.2	9,750	10,265	10,480	9,987	67,673	71,138	-4.9
Primary metals.....	20,667	20,339	20,746	1.6	-2.0	2.2	19,377	21,235	21,891	18,901	142,622	135,580	5.2
Iron and steel mills.....	9,516	9,438	9,630	0.8	-2.0	0.7	8,855	9,804	10,189	8,987	66,874	65,228	2.5
Aluminum and nonferrous metals.....	9,511	9,273	9,523	2.6	-2.6	4.1	9,021	9,654	10,018	8,411	64,505	58,709	9.9
Ferrous metal foundries.....	1,640	1,628	1,593	0.7	2.2	0.2	1,501	1,777	1,684	1,503	11,243	11,643	-3.4
Fabricated metal products.....	26,653	25,995	26,204	2.5	-0.8	0.5	25,488	27,476	27,492	23,851	181,260	177,701	2.0
Machinery.....	28,244	27,714	27,941	1.9	-0.8	-0.1	26,781	30,103	28,864	25,754	193,106	191,564	0.8
Farm machinery.....	1,744	1,766	1,904	-1.2	-7.2	3.0	1,714	1,852	2,152	1,573	13,891	12,688	9.5
Construction machinery.....	2,275	2,146	2,042	6.0	5.1	7.9	2,153	2,392	2,368	2,539	14,903	21,061	-29.2
Mining, oil field, and gas field machinery.....	1,311	1,278	1,300	2.6	-1.7	0.9	1,261	1,365	1,266	1,050	8,780	7,197	22.0
Industrial machinery.....	3,452	3,275	3,371	5.4	-2.8	-11.6	3,559	3,590	2,980	3,659	22,492	21,709	3.6
Photographic equipment.....	585	553	614	5.8	-9.9	-5.1	534	594	606	610	4,106	4,355	-5.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,223	4,009	4,052	5.3	-1.1	0.0	4,130	4,756	4,181	3,530	27,645	24,329	13.6
Metalworking machinery.....	2,346	2,312	2,420	1.5	-4.5	-0.2	2,100	2,523	2,385	2,087	16,021	16,512	-3.0
Turbines, generators, and other power transmission equipment.....	3,511	3,682	3,410	-4.6	8.0	5.8	3,213	3,797	3,572	3,005	23,380	24,104	-3.0
Material handling equipment.....	2,315	2,327	2,320	-0.5	0.3	1.2	2,139	2,502	2,343	1,944	15,971	14,586	9.5
Computers and electronic products.....	33,086	32,089	33,446	3.1	-4.1	-2.4	28,548	36,619	31,386	28,862	222,254	222,680	-0.2
Computers.....	2,859	3,374	3,778	-15.3	-10.7	16.7	2,720	3,853	3,241	4,134	22,515	24,974	-9.8
Computer storage devices.....	643	594	643	8.2	-7.6	16.3	356	950	497	341	3,752	4,361	-14.0
Other peripheral equipment.....	1,515	1,449	1,441	4.6	0.6	1.6	1,177	1,756	1,274	1,101	9,333	9,120	2.3
Nondefense communications equipment.....	4,959	5,011	4,969	-1.0	0.8	1.0	3,968	6,040	4,668	3,769	32,863	33,853	-2.9
Defense communications equipment.....	523	461	546	13.4	-15.6	5.0	455	471	582	388	3,440	3,307	4.0
Audio and video equipment.....	858	872	870	-1.6	0.2	-6.6	698	777	726	720	5,461	5,228	4.5
Semiconductors.....	6,575	5,459	6,416	20.4	-14.9	-18.1	6,043	5,727	6,280	6,013	44,792	46,610	-3.9
Electronic components.....	4,199	4,238	4,186	-0.9	1.2	-0.7	3,727	4,671	4,045	3,710	28,329	26,610	6.5
Nondefense search and navigation equipment.....	1,124	1,032	1,024	8.9	0.8	-1.0	1,032	1,119	1,077	716	6,839	5,578	22.6
Defense search and navigation equipment.....	2,499	2,456	2,517	1.8	-2.4	0.4	2,391	2,533	2,576	2,379	17,254	16,461	4.8
Electromedical, measuring, and control instruments.....	6,780	6,624	6,549	2.4	1.1	-0.4	5,490	8,217	5,977	5,092	44,177	42,865	3.1
Electrical equipment, appliances, and components.....	10,944	10,766	10,832	1.7	-0.6	-2.8	10,147	11,599	11,093	9,543	74,605	69,772	6.9
Electric lighting equipment.....	1,234	1,221	1,248	1.1	-2.2	-0.4	1,101	1,287	1,242	1,064	8,339	7,813	6.7
Household appliances.....	2,244	2,210	2,256	1.5	-2.0	-11.7	2,049	2,442	2,280	2,054	15,340	14,975	2.4
Electrical equipment.....	3,435	3,486	3,434	-1.5	1.5	0.7	3,181	3,841	3,505	2,916	23,836	21,194	12.5
Batteries.....	726	637	658	14.0	-3.2	3.0	620	639	658	477	4,375	3,733	17.2
Transportation equipment.....	62,565	57,208	57,234	9.4	0.0	1.7	44,996	63,145	61,324	39,562	394,302	397,054	-0.7
Automobiles.....	8,397	7,338	7,181	14.4	2.2	2.4	5,213	7,920	7,834	3,961	49,866	49,398	0.9
Light trucks and utility vehicles.....	12,614	11,718	11,466	7.6	2.2	2.2	7,453	13,122	12,832	5,470	76,750	81,117	-5.4
Heavy duty trucks.....	1,273	1,236	1,319	3.0	-6.3	-4.4	1,152	1,345	1,350	2,191	11,015	16,045	-31.3
Motor vehicle bodies, parts, and trailers.....	20,676	18,809	19,033	9.9	-1.2	0.7	15,151	20,075	20,618	14,319	134,143	137,662	-2.6
Nondefense aircraft and parts.....	9,509	8,792	8,549	8.2	2.8	1.4	7,321	10,653	8,925	5,520	58,291	49,490	17.8
Defense aircraft and parts.....	3,842	3,251	3,514	18.2	-7.5	4.3	3,215	3,625	3,367	2,874	22,861	21,482	6.4
Ships and boats.....	1,997	2,007	1,986	-0.5	1.1	7.5	1,703	2,112	2,167	1,583	13,720	13,653	0.5
Furniture and related products.....	6,983	6,949	6,881	0.5	1.0	-0.4	6,804	7,028	6,911	6,921	48,063	50,864	-5.5
Miscellaneous durable goods.....	12,944	12,810	12,851	1.0	-0.3	-0.9	11,745	13,801	12,682	11,467	87,669	85,582	2.4
Nondurable goods industries.....	206,021	203,394	203,037	1.3	0.2	1.5	204,690	209,740	212,134	203,206	1,392,692	1,410,074	-1.2
Food products.....	47,983	47,214	46,923	1.6	0.6	0.9	45,898	47,330	47,248	42,466	319,693	305,593	4.6
Grain and oilseed milling.....	5,203	5,169	4,981	0.7	3.8	-1.1	5,107	4,934	5,033	4,814	34,706	34,301	1.2
Dairy products.....	7,364	7,060	6,852	4.3	3.0	3.6	7,344	7,207	7,128	6,003	46,620	42,714	9.1
Meat, poultry, and seafood products.....	14,076	13,919	14,018	1.1	-0.7	-1.0	13,821	14,507	14,341	12,960	96,592	90,198	7.1
Beverage and tobacco products.....	11,503	11,428	11,469	0.7	-0.4	3.7	11,665	12,066	12,422	10,724	77,761	74,519	4.4
Beverages.....	7,571	7,367	7,464	2.8	-1.3	2.0	7,733	8,005	8,417	7,033	51,282	48,744	5.2
Tobacco.....	3,932	4,061	4,005	-3.2	1.4	7.1	3,932	4,061	4,005	3,691	26,479	25,775	2.7
Textile mills.....	2,864	2,825	2,910	1.4	-2.9	0.9	2,707	3,044	2,966	2,927	20,454	22,244	-8.0
Textile products.....	2,947	2,888	2,873	2.0	0.5	0.9	3,051	3,072	2,887	3,127	20,202	21,859	-7.6
Apparel.....	2,550	2,503	2,611	1.9	-4.1	-2.8	2,537	2,473	2,578	2,686	17,934	18,856	-4.9
Leather and allied products.....	580	557	553	4.1	0.7	0.5	554	578	505	523	3,848	3,598	6.9
Paper products.....	13,935	13,727	13,661	1.5	0.5	-0.7	13,803	14,292	14,183	13,648	96,477	98,380	-1.9
Pulp, paper, and paperboard mills.....	6,627	6,575	6,552	0.8	0.4	0.3	6,667	6,793	6,692	6,425	45,816	45,301	1.1
Paperboard containers.....	3,940	3,893	3,889	1.2	0.1	-2.0	3,914	4,025	4,072	3,987	27,421	27,966	-1.9
Printing.....	8,563	8,477	8,484	1.0	-0.1	-0.2	8,049	8,430	8,392	7,911	57,791	56,911	1.5
Petroleum and coal products.....	44,062	43,509	43,212	1.3	0.7	4.7	46,759	45,698	46,897	50,552	289,252	313,338	-7.7
Petroleum refineries.....	41,412	40,861	40,460	1.3	1.0	4.8	43,794	42,690	43,853	47,229	270,878	293,396	-7.7
Chemical products.....	53,285	52,898	52,925	0.7	-0.1	0.5	52,702	54,539	55,528	52,076	368,537	372,189	-1.0
Pesticides, fertilizers, and other agricultural chemicals.....	2,685	2,562	2,508	4.8	2.2	2.5	2,421	2,872	3,558	1,993	20,212	17,804	13.5
Pharmaceuticals and medicines.....	14,034	14,095	13,979	-0.4	0.8	-2.5	13,664	13,478	14,391	14,508	98,091	100,231	-2.1
Paints, coatings, and adhesives.....	3,053	2,977	2,935	2.6	1.4	1.2	3,192	3,229	3,283	2,903	21,050	20,574	2.3
Plastics and rubber products.....	17,749	17,368	17,416	2.2	-0.3	0.7	16,965	18,218	18,528	16,566	120,743	122,587	-1.5

^p Preliminary^r Revised

NA Not available.

¹ Shipments are the totals for the period and are adjusted for trading-day and calendar-month variations.

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Year to date		
	July 2007 ^p	June 2007 ^r	May 2007	June - July	May - June	Apr. - May	July 2007 ^p	June 2007 ^r	May 2007	July 2006	2007 ^p	2006	Percent 2007/ 2006
All manufacturing industries ²	436,745	420,992	416,866	3.7	1.0	-0.5	404,340	439,430	429,012	385,974	2,884,288	2,883,605	0.0
Excluding transportation ²	361,342	353,031	354,590	2.4	-0.4	0.7	349,246	367,595	365,947	344,659	2,440,267	2,461,739	-0.9
Excluding defense ²	425,287	412,258	407,316	3.2	1.2	-0.7	396,189	431,201	421,862	378,658	2,821,855	2,820,894	0.0
With unfilled orders ²	170,513	159,772	155,984	6.7	2.4	-3.6	149,977	166,778	155,855	135,578	1,093,965	1,058,494	3.4
Durable goods industries ²	230,724	217,598	213,829	6.0	1.8	-2.4	199,650	229,690	216,878	182,768	1,491,596	1,473,531	1.2
Primary metals.....	20,784	19,214	20,434	8.2	-6.0	-4.7	19,225	19,386	21,590	18,885	142,758	137,621	3.7
Iron and steel mills.....	9,503	8,376	9,335	13.5	-10.3	-12.0	8,693	8,248	9,958	8,881	66,943	66,296	1.0
Aluminum and nonferrous metals.....	9,649	9,245	9,463	4.4	-2.3	2.5	9,043	9,455	9,898	8,459	64,498	59,370	8.6
Ferrous metal foundries.....	1,632	1,593	1,636	2.4	-2.6	1.6	1,489	1,683	1,734	1,545	11,317	11,955	-5.3
Fabricated metal products.....	27,082	26,449	26,197	2.4	1.0	-0.9	25,855	27,270	28,272	24,101	185,997	183,959	1.1
Machinery.....	30,303	28,685	27,726	5.6	3.5	-0.7	28,271	29,205	28,097	26,578	199,626	200,707	-0.5
Construction machinery.....	3,569	2,252	1,754	58.5	28.4	-10.9	2,854	2,068	1,716	2,129	16,003	21,305	-24.9
Mining, oil field, and gas field machinery.....	1,266	1,218	1,239	3.9	-1.7	-9.7	1,216	1,233	1,259	1,350	8,321	8,262	0.7
Industrial machinery.....	3,533	3,201	3,409	10.4	-6.1	-11.9	3,892	3,137	2,951	3,901	24,577	24,491	0.4
Photographic equipment.....	528	581	607	-9.1	-4.3	-10.2	481	593	568	616	4,036	4,455	-9.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,608	4,360	4,176	5.7	4.4	12.3	4,649	4,711	4,464	3,894	29,844	25,966	14.9
Metalworking machinery.....	2,386	2,318	2,409	2.9	-3.8	3.3	2,172	2,424	2,365	2,323	16,535	17,082	-3.2
Turbines, generators, and other power transmission equipment.....	3,479	3,608	3,247	-3.6	11.1	1.9	3,149	3,610	3,439	3,181	22,981	25,844	-11.1
Material handling equipment.....	2,502	2,817	2,364	-11.2	19.2	8.1	2,005	3,007	2,202	1,872	16,627	15,437	7.7
Computers and electronic products ²	28,545	26,688	28,059	7.0	-4.9	5.3	24,263	30,380	25,197	24,503	181,280	183,357	-1.1
Computers.....	3,132	3,501	3,724	-10.5	-6.0	21.4	2,993	3,980	3,187	4,235	22,756	24,774	-8.1
Nondefense communications equipment.....	5,389	5,035	5,774	7.0	-12.8	16.4	4,299	5,664	5,421	3,806	34,436	35,440	-2.8
Defense communications equipment.....	1,311	526	361	149.2	45.7	8.7	1,184	665	208	870	3,973	3,657	8.6
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	4,365	4,053	4,186	7.7	-3.2	0.3	3,927	4,474	4,056	3,905	28,667	27,565	4.0
Nondefense search and navigation equipment.....	1,127	1,016	1,105	10.9	-8.1	8.3	1,052	953	1,081	990	6,889	6,581	4.7
Defense search and navigation equipment.....	2,680	2,297	2,604	16.7	-11.8	-12.7	2,256	2,327	2,049	2,831	16,680	18,611	-10.4
Electromedical, measuring, and control instruments.....	6,973	6,826	6,844	2.2	-0.3	2.7	5,830	8,329	6,255	5,205	45,834	44,307	3.4
Electrical equipment, appliances, and components.....	10,782	10,989	11,120	-1.9	-1.2	-4.0	10,275	11,521	11,392	10,310	77,652	74,378	4.4
Electric lighting equipment.....	1,272	1,378	1,131	-7.7	21.8	-11.6	1,111	1,541	1,192	932	9,057	8,714	3.9
Household appliances.....	2,397	2,051	2,217	16.9	-7.5	-19.1	2,306	2,116	2,258	2,384	15,736	15,371	2.4
Electrical equipment.....	3,362	3,904	3,751	-13.9	4.1	9.4	3,249	4,099	3,819	3,506	25,809	23,584	9.4
Transportation equipment.....	75,403	67,961	62,276	11.0	9.1	-7.1	55,094	71,835	63,065	41,315	444,021	421,866	5.3
Motor vehicle bodies, parts, and trailers.....	20,648	18,625	19,254	10.9	-3.3	2.1	15,615	19,512	20,399	15,235	133,726	139,857	-4.4
Nondefense aircraft and parts.....	21,881	19,439	14,175	12.6	37.1	-21.4	18,254	20,735	13,272	7,910	108,968	75,371	44.6
Defense aircraft and parts.....	3,659	3,161	2,770	15.8	14.1	14.8	2,456	3,284	2,068	1,998	18,248	20,898	-12.7
Ships and boats.....	1,983	1,866	2,642	6.3	-29.4	45.4	1,266	1,654	2,610	1,008	14,573	16,273	-10.4
Furniture and related products.....	6,896	6,886	7,100	0.1	-3.0	-1.9	6,824	6,965	7,338	7,084	49,388	51,415	-3.9
Nondurable goods industries.....	206,021	203,394	203,037	1.3	0.2	1.5	204,690	209,740	212,134	203,206	1,392,692	1,410,074	-1.2

^p Preliminary^r Revised

NA Not available.

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

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-3(06), "Manufacturers' Shipments, Inventories, and Orders: 2001-2006."

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change July 07/06
	July 2007 ^P	June 2007 ^F	May 2007	June - July	May - June	Apr. - May	July 2007 ^P	June 2007 ^F	May 2007	July 2006	
All manufacturing industries ¹	754,513	737,085	725,644	2.4	1.6	0.9	751,865	737,956	732,702	622,083	20.9
Excluding transportation ¹	320,662	316,072	315,384	1.5	0.2	0.4	321,148	317,337	320,773	293,318	9.5
Excluding defense ¹	598,752	582,395	570,224	2.8	2.1	1.2	597,473	582,436	575,354	476,948	25.3
Durable goods industries ¹	754,513	737,085	725,644	2.4	1.6	0.9	751,865	737,956	732,702	622,083	20.9
Primary metals.....	27,063	26,946	28,071	0.4	-4.0	-1.1	26,828	26,980	28,829	28,281	-5.1
Iron and steel mills.....	16,073	16,086	17,148	-0.1	-6.2	-1.7	15,960	16,122	17,678	17,832	-10.5
Aluminum and nonferrous metals.....	8,094	7,956	7,984	1.7	-0.4	-0.7	7,968	7,946	8,145	7,441	7.1
Ferrous metal foundries.....	2,896	2,904	2,939	-0.3	-1.2	1.5	2,900	2,912	3,006	3,008	-3.6
Fabricated metal products.....	56,917	56,488	56,034	0.8	0.8	0.0	57,862	57,495	57,701	54,386	6.4
Machinery.....	84,093	82,034	81,063	2.5	1.2	-0.3	83,408	81,918	82,816	71,414	16.8
Construction machinery.....	11,513	10,219	10,113	12.7	1.0	-2.8	10,901	10,200	10,524	7,624	43.0
Mining, oil field, and gas field machinery.....	3,359	3,404	3,464	-1.3	-1.7	-1.7	3,351	3,396	3,528	3,264	2.7
Industrial machinery.....	14,288	14,207	14,281	0.6	-0.5	0.3	14,516	14,183	14,636	12,543	15.7
Photographic equipment.....	1,474	1,531	1,503	-3.7	1.9	-0.5	1,472	1,525	1,526	1,241	18.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	11,516	11,131	10,780	3.5	3.3	1.2	11,655	11,136	11,181	9,067	28.5
Metalworking machinery.....	6,880	6,840	6,834	0.6	0.1	-0.2	6,939	6,867	6,966	6,048	14.7
Turbines, generators, and other power transmission equipment.....	12,222	12,254	12,328	-0.3	-0.6	-1.3	12,154	12,218	12,405	11,881	2.3
Material handling equipment.....	9,645	9,458	8,968	2.0	5.5	0.5	9,507	9,641	9,136	8,531	11.4
Computers and electronic products ¹	114,169	112,135	112,077	1.8	0.1	0.9	114,010	112,252	112,764	104,377	9.2
Computers.....	3,648	3,375	3,248	8.1	3.9	-1.6	3,648	3,375	3,248	3,410	7.0
Nondefense communications equipment.....	28,025	27,595	27,571	1.6	0.1	3.0	28,106	27,775	28,151	25,884	8.6
Defense communications equipment.....	6,905	6,117	6,052	12.9	1.1	-3.0	6,890	6,161	5,967	6,186	11.4
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,251	10,085	10,270	1.6	-1.8	0.0	10,258	10,058	10,255	10,295	-0.4
Nondefense search and navigation equipment.....	5,459	5,456	5,472	0.1	-0.3	1.5	5,365	5,345	5,511	4,709	13.9
Defense search and navigation equipment.....	33,931	33,750	33,909	0.5	-0.5	0.3	33,741	33,876	34,082	31,813	6.1
Electromedical, measuring, and control instruments.....	25,950	25,757	25,555	0.7	0.8	1.2	26,002	25,662	25,550	22,080	17.8
Electrical equipment, appliances, and components.....	24,486	24,648	24,425	-0.7	0.9	1.2	24,783	24,655	24,733	22,245	11.4
Electric lighting equipment.....	2,685	2,647	2,490	1.4	6.3	-4.5	2,835	2,825	2,571	3,018	-6.1
Household appliances.....	1,000	847	1,006	18.1	-15.8	-3.7	967	710	1,036	951	1.7
Electrical equipment.....	14,774	14,847	14,429	-0.5	2.9	2.2	14,903	14,835	14,577	12,466	19.5
Transportation equipment.....	433,851	421,013	410,260	3.0	2.6	1.2	430,717	420,619	411,929	328,765	31.0
Motor vehicle bodies, parts, and trailers.....	20,635	20,663	20,847	-0.1	-0.9	1.1	20,550	20,086	20,649	20,120	2.1
Nondefense aircraft and parts.....	271,119	258,747	248,100	4.8	4.3	2.3	269,227	258,294	248,212	182,282	47.7
Defense aircraft and parts.....	40,493	40,676	40,766	-0.4	-0.2	-1.8	40,410	41,169	41,510	42,384	-4.7
Ships and boats.....	19,064	19,078	19,219	-0.1	-0.7	3.5	18,620	19,057	19,515	15,911	17.0
Furniture and related products.....	7,790	7,877	7,940	-1.1	-0.8	2.8	8,113	8,093	8,156	7,751	4.7

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

Table 4. Value of Manufacturers' Inventories for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change July 07/06
	July 2007 ^p	June 2007 ^r	May 2007	June - July	May - June	Apr. - May	July 2007 ^p	June 2007 ^r	May 2007	July 2006	
All manufacturing industries	517,340	516,507	515,362	0.2	0.2	0.4	520,936	514,193	519,072	506,089	2.9
Excluding transportation	439,677	439,248	437,980	0.1	0.3	0.4	442,467	437,615	441,143	431,748	2.5
Excluding defense	496,148	495,413	494,246	0.1	0.2	0.4	499,598	493,036	497,897	484,316	3.2
With unfilled orders	246,704	246,276	246,197	0.2	0.0	0.2	248,319	245,031	248,258	235,790	5.3
Durable goods industries	312,868	312,622	312,653	0.1	0.0	0.1	314,934	310,787	315,320	302,580	4.1
Wood products	10,703	10,644	10,618	0.6	0.2	-0.5	10,558	10,480	10,554	11,472	-8.0
Nonmetallic mineral products	11,842	11,889	11,951	-0.4	-0.5	-0.4	11,956	11,969	12,202	11,580	3.2
Primary metals	31,934	31,921	31,497	0.0	1.3	-0.1	32,105	31,732	31,469	29,499	8.8
Iron and steel mills	18,265	18,325	18,089	-0.3	1.3	0.6	18,471	18,192	17,944	16,571	11.5
Aluminum and nonferrous metals	11,121	11,087	10,909	0.3	1.6	-1.5	11,127	11,031	10,947	10,715	3.8
Ferrous metal foundries	2,548	2,509	2,499	1.6	0.4	0.7	2,507	2,509	2,578	2,213	13.3
Fabricated metal products	41,456	41,440	41,621	0.0	-0.4	0.0	41,705	41,484	42,081	40,086	4.0
Machinery	50,966	50,668	50,424	0.6	0.5	0.1	50,909	50,281	50,887	47,448	7.3
Farm machinery	2,315	2,244	2,262	3.2	-0.8	-2.0	2,278	2,243	2,289	2,190	4.0
Construction machinery	5,007	4,978	4,956	0.6	0.4	0.6	4,936	4,981	5,001	4,509	9.5
Mining, oil field, and gas field machinery	3,711	3,721	3,682	-0.3	1.1	0.7	3,768	3,795	3,779	3,137	20.1
Industrial machinery	7,739	7,761	7,708	-0.3	0.7	-0.1	7,668	7,874	7,838	7,212	6.3
Photographic equipment	1,215	1,218	1,195	-0.2	1.9	-4.2	1,223	1,201	1,230	1,241	-1.5
Ventilation, heating, air-conditioning, and refrigeration equipment	4,493	4,490	4,510	0.1	-0.4	0.4	4,515	4,420	4,708	4,276	5.6
Metalworking machinery	4,073	4,051	4,057	0.5	-0.1	-0.4	4,149	3,993	4,090	4,394	-5.6
Turbines, generators, and other power transmission equipment	5,885	5,806	5,800	1.4	0.1	0.0	5,927	5,630	5,738	5,373	10.3
Material handling equipment	2,986	2,889	2,884	3.4	0.2	0.8	2,933	2,863	2,900	2,538	15.6
Computers and electronic products	42,748	43,486	43,762	-1.7	-0.6	-0.2	43,273	42,939	44,224	43,604	-0.8
Computers	1,079	1,145	1,108	-5.8	3.3	3.3	1,056	1,153	1,118	1,075	-1.8
Computer storage devices	1,281	1,283	1,279	-0.2	0.3	-0.4	1,320	1,195	1,332	1,224	7.8
Other peripheral equipment	1,996	2,008	2,062	-0.6	-2.6	-1.3	2,036	1,950	2,118	2,139	-4.8
Nondefense communications equipment	6,186	6,349	6,477	-2.6	-2.0	1.4	6,162	6,083	6,520	6,750	-8.7
Defense communications equipment	911	840	791	8.5	6.2	-0.6	922	846	815	725	27.2
Audio and video equipment	1,197	1,188	1,177	0.8	0.9	3.3	1,208	1,106	1,076	1,110	8.8
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	6,944	6,860	7,136	1.2	-3.9	-1.5	7,096	6,837	7,233	7,143	-0.7
Nondefense search and navigation equipment	3,148	3,193	3,088	-1.4	3.4	3.3	3,211	3,220	3,106	2,800	14.7
Defense search and navigation equipment	2,428	2,439	2,406	-0.5	1.4	-1.9	2,454	2,454	2,439	2,414	1.7
Electromedical, measuring and control instruments	10,866	10,862	10,939	0.0	-0.7	0.8	10,892	10,720	11,077	10,373	5.0
Electrical equipment, appliances, and components	14,509	14,335	14,338	1.2	0.0	-0.6	14,536	14,239	14,634	13,927	4.4
Electric lighting equipment	1,860	1,862	1,954	-0.1	-4.7	-4.4	1,886	1,881	2,015	1,846	2.2
Household appliances	1,749	1,706	1,699	2.5	0.4	0.3	1,803	1,707	1,799	1,841	-2.1
Electrical equipment	5,316	5,232	5,216	1.6	0.3	-0.3	5,256	5,115	5,266	4,838	8.6
Batteries	457	453	452	0.9	0.2	-0.9	453	446	462	589	-23.1
Transportation equipment	77,663	77,259	77,382	0.5	-0.2	0.5	78,469	76,578	77,929	74,341	5.6
Automobiles	2,475	2,195	2,239	12.8	-2.0	-2.8	2,635	2,113	2,286	2,322	13.5
Light trucks and utility vehicles	2,740	3,014	3,044	-9.1	-1.0	2.8	2,748	2,967	3,115	2,906	-5.4
Heavy duty trucks	1,660	1,530	1,489	8.5	2.8	1.8	1,649	1,509	1,497	1,521	8.4
Motor vehicle bodies, parts, and trailers	17,837	17,828	18,235	0.1	-2.2	-0.5	17,908	17,682	18,336	18,522	-3.3
Nondefense aircraft and parts	30,782	30,521	30,231	0.9	1.0	1.4	31,178	30,204	30,498	26,377	18.2
Defense aircraft and parts	12,834	12,711	12,720	1.0	-0.1	0.1	12,946	12,768	12,737	12,686	2.0
Ships and boats	2,265	2,302	2,256	-1.6	2.0	-5.8	2,248	2,315	2,211	2,760	-18.6
Furniture and related products	8,595	8,629	8,687	-0.4	-0.7	0.0	8,779	8,862	8,813	8,991	-2.4
Miscellaneous durable goods	22,452	22,351	22,373	0.5	-0.1	0.6	22,644	22,223	22,527	21,632	4.7
Nondurable goods industries	204,472	203,885	202,709	0.3	0.6	0.9	206,002	203,406	203,752	203,509	1.2
Food products	37,166	36,694	36,471	1.3	0.6	1.5	36,493	35,440	35,287	33,648	8.5
Grain and oilseed milling	4,437	4,344	4,346	2.1	0.0	6.4	4,252	4,138	4,093	3,735	13.8
Dairy products	4,723	4,586	4,448	3.0	3.1	2.4	4,912	4,738	4,625	4,157	18.2
Meat, poultry, and seafood products	7,160	7,085	7,074	1.1	0.2	1.5	7,109	6,934	7,037	6,582	8.0
Beverage and tobacco products	14,837	14,818	14,808	0.1	0.1	1.0	14,229	14,263	14,533	13,719	3.7
Beverages	10,912	10,834	10,732	0.7	1.0	1.9	10,549	10,446	10,591	9,645	9.4
Tobacco	3,925	3,984	4,076	-1.5	-2.3	-1.2	3,680	3,817	3,942	4,074	-9.7
Textile mills	3,720	3,784	3,752	-1.7	0.9	-0.7	3,751	3,812	3,825	4,223	-11.2
Textile products	3,481	3,499	3,517	-0.5	-0.5	1.0	3,520	3,546	3,570	3,782	-6.9
Apparel	4,101	3,997	3,874	2.6	3.2	0.8	4,215	4,038	3,866	4,245	-0.7
Leather and allied products	913	902	894	1.2	0.9	-0.7	921	905	890	853	8.0
Paper products	15,244	15,251	15,305	0.0	-0.4	-0.1	15,330	15,186	15,466	15,489	-1.0
Pulp, paper, and paperboard mills	6,991	7,056	7,089	-0.9	-0.5	-0.5	7,050	6,997	7,195	7,048	0.0
Paperboard containers	3,868	3,836	3,886	0.8	-1.3	-0.1	3,873	3,822	3,895	3,991	-3.0
Printing	6,530	6,595	6,588	-1.0	0.1	-0.5	6,840	6,633	6,472	7,125	-4.0
Petroleum and coal products	34,290	34,492	34,140	-0.6	1.0	0.5	36,019	35,565	35,861	37,117	-3.0
Petroleum refineries	31,459	31,695	31,317	-0.7	1.2	0.6	33,118	32,703	32,980	34,304	-3.5
Chemical products	63,481	63,268	62,941	0.3	0.5	1.1	64,162	63,661	63,360	63,039	1.8
Pesticides, fertilizers, and other agricultural chemicals	2,657	2,587	2,522	2.7	2.6	1.1	2,393	2,378	2,421	2,285	4.7
Pharmaceuticals and medicines	24,577	24,637	24,376	-0.2	1.1	1.9	25,190	25,164	24,483	24,542	2.6
Paints, coatings, and adhesives	3,027	3,021	3,009	0.2	0.4	0.4	3,076	3,099	3,048	3,055	0.7
Plastics and rubber products	20,709	20,585	20,419	0.6	0.8	1.5	20,522	20,357	20,622	20,269	1.2

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2007/2006
	July 2007 ^p	June 2007 ^r	May 2007	June - July	May - June	Apr. - May	July 2007 ^p	June 2007 ^r	May 2007	July 2006	2007 ^p	2006	
SHIPMENTS													
All manufacturing industries	425,892	415,010	417,004	2.6	-0.5	0.8	396,474	439,903	432,788	386,404	2,859,057	2,875,537	-0.6
Construction materials and supplies.....	44,353	43,489	43,853	2.0	-0.8	1.1	43,806	47,218	46,412	42,773	301,672	309,848	-2.6
Information technology.....	26,202	26,157	26,694	0.2	-2.0	2.0	22,508	30,205	25,075	22,781	175,954	175,872	0.0
Computers and related products	5,017	5,417	5,862	-7.4	-7.6	12.5	4,253	6,559	5,012	5,576	35,600	38,455	-7.4
Motor vehicle and parts.....	42,960	39,101	38,999	9.9	0.3	1.2	28,969	42,462	42,634	25,941	271,774	284,222	-4.4
Capital goods.....	75,243	73,688	74,319	2.1	-0.8	0.8	67,153	82,173	74,052	66,029	506,041	505,161	0.2
Nondefense capital goods ³	66,563	65,743	66,043	1.2	-0.5	0.7	59,249	73,911	65,733	58,938	450,235	451,562	-0.3
Excluding aircraft.....	60,597	60,365	60,873	0.4	-0.8	0.7	55,123	67,232	60,152	55,739	415,211	420,565	-1.3
Defense capital goods ⁴	8,680	7,945	8,276	9.3	-4.0	2.2	7,904	8,262	8,319	7,091	55,806	53,599	4.1
Consumer goods.....	169,188	165,559	164,579	2.2	0.6	1.5	159,181	170,952	172,130	155,933	1,122,329	1,138,693	-1.4
Consumer durable goods.....	36,898	34,887	34,582	5.8	0.9	0.2	26,832	37,671	36,680	23,755	235,661	241,663	-2.5
Consumer nondurable goods.....	132,290	130,672	129,997	1.2	0.5	1.8	132,349	133,281	135,450	132,178	886,668	897,030	-1.2
NEW ORDERS													
All manufacturing industries ⁵	436,745	420,992	416,866	3.7	1.0	-0.5	404,340	439,430	429,012	385,974	2,884,288	2,883,605	0.0
Construction materials and supplies.....	44,745	44,374	44,110	0.8	0.6	1.9	44,142	47,465	47,604	43,090	307,295	315,351	-2.6
Information technology.....	27,733	26,235	27,843	5.7	-5.8	4.5	23,806	29,625	25,174	24,225	179,324	183,223	-2.1
Computers and related products	5,290	5,544	5,808	-4.6	-4.5	15.3	4,526	6,686	4,958	5,677	35,841	38,255	-6.3
Motor vehicle and parts.....	42,932	38,917	39,220	10.3	-0.8	1.9	29,433	41,899	42,415	26,857	271,357	286,417	-5.3
Capital goods.....	91,240	84,431	80,969	8.1	4.3	-5.6	79,212	89,449	76,694	68,734	566,022	539,635	4.9
Nondefense capital goods ³	81,597	77,389	72,788	5.4	6.3	-6.8	72,402	83,008	70,728	62,596	513,402	487,009	5.4
Excluding aircraft.....	63,098	62,018	62,120	1.7	-0.2	-1.5	57,096	66,652	60,720	57,208	429,651	435,712	-1.4
Defense capital goods ⁴	9,643	7,042	8,181	36.9	-13.9	7.2	6,810	6,441	5,966	6,138	52,620	52,626	0.0
Consumer goods.....	169,395	165,486	164,832	2.4	0.4	1.3	159,683	170,547	172,414	156,572	1,123,732	1,138,990	-1.3
Consumer durable goods.....	37,105	34,814	34,835	6.6	-0.1	-0.6	27,334	37,266	36,964	24,394	237,064	241,960	-2.0
Consumer nondurable goods.....	132,290	130,672	129,997	1.2	0.5	1.8	132,349	133,281	135,450	132,178	886,668	897,030	-1.2
UNFILLED ORDERS													
All manufacturing industries ⁵	754,513	737,085	725,644	2.4	1.6	0.9	751,865	737,956	732,702	622,083	(X)	(X)	20.9
Construction materials and supplies.....	47,783	47,391	46,506	0.8	1.9	0.6	48,761	48,425	48,178	46,035	(X)	(X)	5.9
Information technology.....	111,419	109,888	109,810	1.4	0.1	1.1	111,302	110,004	110,584	101,133	(X)	(X)	10.1
Computers and related products	3,648	3,375	3,248	8.1	3.9	-1.6	3,648	3,375	3,248	3,410	(X)	(X)	7.0
Motor vehicle and parts.....	20,635	20,663	20,847	-0.1	-0.9	1.1	20,550	20,086	20,649	20,120	(X)	(X)	2.1
Capital goods.....	567,307	551,310	540,567	2.9	2.0	1.2	563,871	551,812	544,536	445,561	(X)	(X)	26.6
Nondefense capital goods ³	423,922	408,888	397,242	3.7	2.9	1.7	421,858	408,705	399,608	312,585	(X)	(X)	35.0
Excluding aircraft.....	179,514	177,013	175,360	1.4	0.9	0.7	179,360	177,387	177,967	154,204	(X)	(X)	16.3
Defense capital goods ⁴	143,385	142,422	143,325	0.7	-0.6	-0.1	142,013	143,107	144,928	132,976	(X)	(X)	6.8
Consumer goods.....	10,041	9,834	9,907	2.1	-0.7	2.6	10,062	9,560	9,965	9,089	(X)	(X)	10.7
Consumer durable goods.....	10,041	9,834	9,907	2.1	-0.7	2.6	10,062	9,560	9,965	9,089	(X)	(X)	10.7
TOTAL INVENTORIES													
All manufacturing industries	517,340	516,507	515,362	0.2	0.2	0.4	520,936	514,193	519,072	506,089	(X)	(X)	2.9
Construction materials and supplies.....	58,591	58,616	58,963	0.0	-0.6	-0.3	58,947	58,600	59,739	58,673	(X)	(X)	0.5
Information technology.....	35,958	36,109	36,032	-0.4	0.2	0.7	36,168	35,520	36,423	35,213	(X)	(X)	2.7
Computers and related products	4,356	4,436	4,449	-1.8	-0.3	0.0	4,412	4,298	4,568	4,438	(X)	(X)	-0.6
Motor vehicle and parts.....	24,712	24,567	25,007	0.6	-1.8	-0.2	24,940	24,271	25,234	25,271	(X)	(X)	-1.3
Capital goods.....	138,982	138,416	138,199	0.4	0.2	0.6	139,599	137,344	139,349	131,893	(X)	(X)	5.8
Nondefense capital goods ³	122,004	121,539	121,385	0.4	0.1	0.8	122,587	120,461	122,493	114,673	(X)	(X)	6.9
Excluding aircraft.....	98,252	97,900	97,719	0.4	0.2	0.4	98,558	97,127	98,748	93,725	(X)	(X)	5.2
Defense capital goods ⁴	16,978	16,877	16,814	0.6	0.4	-0.9	17,012	16,883	16,856	17,220	(X)	(X)	-1.2
Consumer goods.....	158,828	158,442	157,558	0.2	0.6	1.0	160,441	157,837	158,186	157,332	(X)	(X)	2.0
Consumer durable goods.....	29,462	29,407	29,507	0.2	-0.3	0.3	29,812	29,039	29,653	29,515	(X)	(X)	1.0
Consumer nondurable goods.....	129,366	129,035	128,051	0.3	0.8	1.1	130,629	128,798	128,533	127,817	(X)	(X)	2.2

^p Preliminary ^r Revised X Not Applicable.

¹ Topical series are regroupings of the separate industry categories.

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

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

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

⁵ Estimates and percent changes exclude semiconductor industry data.

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

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

Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group**[Millions of Dollars]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change July 07/06
	July 2007 ^p	June 2007 ^r	May 2007	June - July	May - June	Apr. - May	July 2007 ^p	June 2007 ^r	May 2007	July 2006	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	176,378	176,446	176,579	0.0	-0.1	0.3	177,443	175,655	176,914	175,015	1.4
Durable goods industries.....	107,051	107,180	107,741	-0.1	-0.5	0.1	107,757	105,924	107,448	105,307	2.3
Wood products.....	4,131	4,141	4,136	-0.2	0.1	0.6	4,010	3,885	3,846	4,285	-6.4
Nonmetallic mineral products.....	4,553	4,550	4,602	0.1	-1.1	-0.6	4,609	4,541	4,606	4,392	4.9
Primary metals.....	11,925	12,065	12,252	-1.2	-1.5	1.7	12,007	11,963	12,052	11,452	4.8
Fabricated metal products.....	15,881	15,993	16,112	-0.7	-0.7	-0.9	15,970	15,956	16,164	15,528	2.8
Machinery.....	19,904	19,668	19,518	1.2	0.8	-0.1	20,030	19,470	19,539	17,987	11.4
Computers and electronic products.....	16,399	16,737	16,889	-2.0	-0.9	0.4	16,488	16,524	16,919	16,961	-2.8
Electrical equipment, appliances, and components.....	5,998	5,962	5,945	0.6	0.3	-0.3	5,961	5,865	5,980	5,677	5.0
Transportation equipment.....	16,943	16,776	17,005	1.0	-1.3	0.3	17,233	16,444	17,033	17,923	-3.8
Furniture and related products.....	3,899	3,865	3,850	0.9	0.4	-0.6	3,944	3,902	3,863	3,813	3.4
Miscellaneous products.....	7,418	7,423	7,432	-0.1	-0.1	-0.5	7,505	7,374	7,446	7,289	3.0
Nondurable goods industries.....	69,327	69,266	68,838	0.1	0.6	0.7	69,686	69,731	69,466	69,708	0.0
Food products.....	13,133	12,898	12,726	1.8	1.4	1.0	12,810	12,573	12,444	11,796	8.6
Beverage and tobacco products.....	4,589	4,619	4,664	-0.6	-1.0	1.0	4,387	4,494	4,607	4,535	-3.3
Textiles.....	1,165	1,231	1,219	-5.4	1.0	0.9	1,157	1,231	1,244	1,251	-7.5
Textile products.....	1,360	1,363	1,354	-0.2	0.7	-0.3	1,384	1,378	1,367	1,460	-5.2
Apparel.....	1,125	1,111	1,091	1.3	1.8	1.5	1,130	1,099	1,090	1,118	1.1
Leather and allied products.....	263	260	262	1.2	-0.8	0.0	268	263	263	256	4.7
Paper products.....	7,099	7,102	7,157	0.0	-0.8	0.4	7,109	7,073	7,168	7,225	-1.6
Printing.....	3,001	3,019	3,013	-0.6	0.2	-1.2	3,132	3,127	2,979	3,429	-8.7
Petroleum and coal products.....	11,762	11,845	11,617	-0.7	2.0	-0.3	12,273	12,426	12,416	12,277	0.0
Chemical products.....	17,801	17,792	17,685	0.1	0.6	0.9	17,989	18,085	17,842	18,164	-1.0
Plastics and rubber products.....	8,029	8,026	8,050	0.0	-0.3	2.2	8,047	7,982	8,046	8,197	-1.8
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	148,774	148,425	148,070	0.2	0.2	0.9	149,863	147,050	148,628	142,160	5.4
Durable goods industries.....	112,067	111,569	111,314	0.4	0.2	0.9	112,962	110,903	112,283	105,531	7.0
Wood products.....	2,225	2,218	2,300	0.3	-3.6	1.0	2,219	2,217	2,316	2,402	-7.6
Nonmetallic mineral products.....	1,327	1,328	1,354	-0.1	-1.9	-1.0	1,337	1,350	1,413	1,267	5.5
Primary metals.....	10,480	10,464	10,196	0.2	2.6	1.4	10,542	10,484	10,224	9,200	14.6
Fabricated metal products.....	11,817	11,675	11,790	1.2	-1.0	1.1	11,945	11,703	11,982	11,351	5.2
Machinery.....	14,082	14,183	14,119	-0.7	0.5	-0.5	14,237	14,260	14,413	14,021	1.5
Computers and electronic products.....	16,448	16,373	16,616	0.5	-1.5	1.8	16,716	16,220	16,889	16,549	1.0
Electrical equipment, appliances, and components.....	3,103	3,044	3,050	1.9	-0.2	-0.1	3,150	3,055	3,144	2,989	5.4
Transportation equipment.....	48,050	47,734	47,288	0.7	0.9	0.7	48,224	47,062	47,259	42,790	12.7
Furniture and related products.....	1,327	1,322	1,357	0.4	-2.6	3.4	1,342	1,335	1,362	1,573	-14.7
Miscellaneous products.....	3,208	3,228	3,244	-0.6	-0.5	2.0	3,250	3,217	3,281	3,389	-4.1
Nondurable goods industries.....	36,707	36,856	36,756	-0.4	0.3	1.0	36,901	36,147	36,345	36,629	0.7
Food products.....	2,845	2,827	2,900	0.6	-2.5	-2.0	2,581	2,542	2,565	2,431	6.2
Beverage and tobacco products.....	4,595	4,607	4,673	-0.3	-1.4	-0.4	4,125	4,220	4,482	3,909	5.5
Textiles.....	845	851	837	-0.7	1.7	-2.2	855	851	840	1,081	-20.9
Textile products.....	487	500	511	-2.6	-2.2	-4.1	488	502	521	632	-22.8
Apparel.....	690	673	646	2.5	4.2	1.6	688	669	653	644	6.8
Leather and allied products.....	120	118	115	1.7	2.6	-1.7	123	114	116	126	-2.4
Paper products.....	1,343	1,340	1,324	0.2	1.2	0.2	1,376	1,341	1,339	1,387	-0.8
Printing.....	1,513	1,564	1,583	-3.3	-1.2	-0.6	1,663	1,511	1,490	1,801	-7.7
Petroleum and coal products.....	9,022	9,157	8,992	-1.5	1.8	2.3	9,447	8,998	9,006	8,956	5.5
Chemical products.....	12,781	12,794	12,733	-0.1	0.5	2.0	13,115	13,005	12,875	13,303	-1.4
Plastics and rubber products.....	2,466	2,425	2,442	1.7	-0.7	2.0	2,440	2,394	2,458	2,359	3.4
<u>FINISHED GOODS</u>											
All manufacturing industries.....	192,188	191,636	190,713	0.3	0.5	0.1	193,630	191,488	193,530	188,914	2.5
Durable goods industries.....	93,750	93,873	93,598	-0.1	0.3	-0.8	94,215	93,960	95,589	91,742	2.7
Wood products.....	4,347	4,285	4,182	1.4	2.5	-2.4	4,329	4,378	4,392	4,785	-9.5
Nonmetallic mineral products.....	5,962	6,011	5,995	-0.8	0.3	-0.1	6,010	6,078	6,183	5,921	1.5
Primary metals.....	9,529	9,392	9,049	1.5	3.8	-4.0	9,556	9,285	9,193	8,847	8.0
Fabricated metal products.....	13,758	13,772	13,719	-0.1	0.4	0.1	13,790	13,825	13,935	13,207	4.4
Machinery.....	16,980	16,817	16,787	1.0	0.2	0.8	16,642	16,551	16,935	15,440	7.8
Computers and electronic products.....	9,901	10,376	10,257	-4.6	1.2	-4.0	10,069	10,195	10,416	10,094	-0.2
Electrical equipment, appliances, and components.....	5,408	5,329	5,343	1.5	-0.3	-1.3	5,425	5,319	5,510	5,261	3.1
Transportation equipment.....	12,670	12,749	13,089	-0.6	-2.6	-0.1	13,012	13,072	13,637	13,628	-4.5
Furniture and related products.....	3,369	3,442	3,480	-2.1	-1.1	-0.6	3,493	3,625	3,588	3,605	-3.1
Miscellaneous products.....	11,826	11,700	11,697	1.1	0.0	0.9	11,889	11,632	11,800	10,954	8.5
Nondurable goods industries.....	98,438	97,763	97,115	0.7	0.7	1.0	99,415	97,528	97,941	97,172	2.3
Food products.....	21,188	20,969	20,845	1.0	0.6	2.3	21,102	20,325	20,278	19,421	8.7
Beverage and tobacco products.....	5,653	5,592	5,471	1.1	2.2	2.3	5,717	5,549	5,444	5,275	8.4
Textiles.....	1,710	1,702	1,696	0.5	0.4	-1.0	1,739	1,730	1,741	1,891	-8.0
Textile products.....	1,634	1,636	1,652	-0.1	-1.0	3.8	1,648	1,666	1,682	1,690	-2.5
Apparel.....	2,286	2,213	2,137	3.3	3.6	0.3	2,397	2,270	2,123	2,483	-3.5
Leather and allied products.....	530	524	517	1.1	1.4	-0.8	530	528	511	471	12.5
Paper products.....	6,802	6,809	6,824	-0.1	-0.2	-0.6	6,845	6,772	6,959	6,877	-0.5
Printing.....	2,016	2,012	1,992	0.2	1.0	0.8	2,045	1,995	2,003	1,895	7.9
Petroleum and coal products.....	13,506	13,490	13,531	0.1	-0.3	0.1	14,299	14,141	14,439	15,884	-10.0
Chemical products.....	32,899	32,682	32,523	0.7	0.5	0.8	33,058	32,571	32,643	31,572	4.7
Plastics and rubber products.....	10,214	10,134	9,927	0.8	2.1	0.8	10,035	9,981	10,118	9,713	3.3

^P Preliminary^F Revised

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

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

[Based on Seasonally Adjusted data]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Jul 2007 ^p	Jun 2007 ^r	May 2007	Apr 2007	Jul 2007 ^p	Jun 2007 ^r	May 2007	Apr 2007
All manufacturing industries ²	1.21	1.24	1.24	1.24	(X)	(X)	(X)	(X)
Durable goods industries ²	1.42	1.48	1.46	1.46	4.93	4.97	4.85	4.85
Wood products.....	1.32	1.32	1.32	1.37	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.22	1.23	1.22	1.23	(X)	(X)	(X)	(X)
Primary metals.....	1.55	1.57	1.52	1.55	1.31	1.32	1.35	1.40
Fabricated metal products.....	1.56	1.59	1.59	1.60	2.21	2.25	2.22	2.23
Machinery.....	1.80	1.83	1.80	1.80	3.25	3.24	3.19	3.19
Computers and electronic products ² ..	1.29	1.36	1.31	1.28	4.98	4.83	4.76	4.83
Electrical equipment, appliances, and components.....	1.33	1.33	1.32	1.29	2.40	2.43	2.40	2.30
Transportation equipment.....	1.24	1.35	1.35	1.37	10.77	11.40	11.01	11.05
Furniture and related products.....	1.23	1.24	1.26	1.26	1.27	1.29	1.31	1.27
Miscellaneous products.....	1.73	1.74	1.74	1.72	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.99	1.00	1.00	1.00	(X)	(X)	(X)	(X)
Food products.....	0.77	0.78	0.78	0.77	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.29	1.30	1.29	1.33	(X)	(X)	(X)	(X)
Textiles.....	1.30	1.34	1.29	1.31	(X)	(X)	(X)	(X)
Textile products.....	1.18	1.21	1.22	1.22	(X)	(X)	(X)	(X)
Apparel.....	1.61	1.60	1.48	1.43	(X)	(X)	(X)	(X)
Leather and allied products.....	1.57	1.62	1.62	1.64	(X)	(X)	(X)	(X)
Paper products.....	1.09	1.11	1.12	1.11	(X)	(X)	(X)	(X)
Printing.....	0.76	0.78	0.78	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.78	0.79	0.79	0.82	(X)	(X)	(X)	(X)
Chemical products.....	1.19	1.20	1.19	1.18	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.17	1.19	1.17	1.16	(X)	(X)	(X)	(X)

^p Preliminary

^r Revised

X Not Applicable

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

² Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes

[Based on Seasonally Adjusted data]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Jul ¹ 2007	Jul ² 2006-Jun 2007	Jul ¹ 2007	Jul ² 2006-Jun 2007	Jul ¹ 2007	Jul ² 2006-Jun 2007	Jul ¹ 2007	Jul ² 2006-Jun 2007
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)	0.1
Durable goods industries.....	0.1	0.3	0.1	0.5	0.0	0.1	0.0	0.1
Wood products.....	(X)	1.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.1	0.6	0.3	1.5	0.1	0.7	-0.1	0.3
Fabricated metal products.....	0.5	0.3	1.0	0.4	0.3	0.2	-0.1	0.2
Machinery.....	0.2	0.5	0.1	1.0	0.0	0.4	0.0	0.3
Computers and electronic products	-0.7	0.8	-0.4	0.8	-0.2	0.2	0.1	0.3
Electrical equipment, appliances, and components.....	-0.1	0.6	-0.7	1.1	-0.3	0.4	0.1	0.3
Transportation equipment.....	0.3	0.7	0.2	1.6	-0.1	0.1	-0.2	0.2
Furniture and related products.....	(X)	0.4	(X)	0.7	(X)	0.7	(X)	0.3
Miscellaneous products.....	(X)	0.5	(X)	0.6	(X)	0.5	(X)	0.3
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.1
Food products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.5
Textiles.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.7
Textile products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel.....	(X)	1.2	(X)	(NA)	(X)	(NA)	(X)	1.2
Leather and allied products.....	(X)	2.5	(X)	(NA)	(X)	(NA)	(X)	0.8
Paper products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4
Printing.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Petroleum and coal products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3

X Not Applicable

NA Not Available

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

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

Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,200 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 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>.