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

Summary

New orders for manufactured goods in August, down following two consecutive monthly increases, decreased \$14.4 billion or 3.3 percent to \$420.7 billion, the U.S. Census Bureau reported today. This followed a 3.4 percent July increase.

Shipments, down two the last three months, decreased \$6.7 billion or 1.6 percent to \$417.9 billion. This followed a 2.3 percent July increase.

Unfilled orders, up twenty-seven of the last twenty-eight months, increased \$9.1 billion or 1.2 percent to \$763.5 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 2.3 percent July increase. The unfilled orders-to-shipments ratio was 5.06, up from 4.93 in July.

Inventories, down following six consecutive monthly increases, decreased \$0.5 billion or 0.1 percent to \$516.6 billion. This followed a 0.1 percent July increase. The inventories-to-shipments ratio was 1.24, up from 1.22 in July.

New Orders

New orders for manufactured durable goods in August, down following two consecutive monthly increases, decreased \$11.2 billion or 4.9 percent to \$219.3 billion, unchanged from the previously published decrease. This followed a 5.9 percent July increase.

Transportation equipment, down following two consecutive monthly increases, had the largest decrease, \$8.4 billion or 11.1 percent to \$67.5 billion.

New orders for manufactured nondurable goods decreased \$3.2 billion or 1.6 percent to \$201.4 billion.

Shipments

Shipments of manufactured durable goods in August, down two of the last three months, decreased \$3.5 billion or 1.6 percent to \$216.6 billion, unchanged from the previously published decrease. This followed a 4.0 percent July increase.

Transportation equipment, down two of the last three months, had the largest decrease, \$2.7 billion or 4.3 percent to \$60.2 billion.

Shipments of manufactured nondurable goods, down following three consecutive monthly increases, decreased \$3.2 billion or 1.6 percent to \$201.4 billion. This followed a 0.6 percent July increase. Petroleum and coal products led the decrease, down \$3.1 billion or 7.4 percent to \$39.5 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in August, up twenty-seven of the last twenty-eight months, increased \$9.1 billion or 1.2 percent to \$763.5 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 2.3 percent July increase.

Transportation equipment, up nineteen consecutive months, had the largest increase, \$7.4 billion or 1.7 percent to \$441.4 billion.

Inventories

Inventories of manufactured durable goods in August, down two of the last three months, decreased \$0.2 billion or 0.1 percent to \$312.7 billion, unchanged from the previously published decrease. This followed a 0.1 percent July increase.

Fabricated metal products, down three of the last four months, had the largest decrease, \$0.1 billion or 0.3 percent to \$41.3 billion.

Inventories of manufactured nondurable goods, down following five consecutive monthly increases, decreased \$0.3 billion or 0.1 percent to \$203.9 billion. This followed a 0.2 percent July increase. Petroleum and coal products drove the decrease, down \$0.3 billion or 0.9 percent to \$33.6 billion.

By stage of fabrication, August materials and supplies decreased 0.4 percent in durable goods and increased 0.8 percent in nondurable goods. Work in process increased 0.4 percent in durable goods and decreased 1.1 percent in nondurable goods. Finished goods decreased 0.3 percent in durable goods and 0.4 percent in nondurable goods.

Figures in text are in seasonally adjusted current dollars. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <http://www.census.gov/m3>.

The advance report on durable goods for September is scheduled for release on October 25, 2007, at 8:30 a.m. EDT and the full report on November 2, 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		
	Aug. 2007 ^p	July 2007 ^r	June 2007	July - Aug.	June - July	May - June	Aug. 2007 ^p	July 2007 ^r	June 2007	Aug. 2006	2007 ^p	2006	Percent 2007/2006
All manufacturing industries	417,946	424,692	415,010	-1.6	2.3	-0.5	437,665	396,831	439,903	436,542	3,297,079	3,312,079	-0.5
Excluding transportation	357,789	361,818	357,802	-1.1	1.1	-0.5	373,653	351,678	376,758	375,581	2,838,608	2,854,064	-0.5
Excluding defense	407,783	414,296	405,546	-1.6	2.2	-0.4	427,633	387,552	429,846	426,901	3,220,643	3,239,034	-0.6
With unfilled orders	150,960	152,992	148,331	-1.3	3.1	-0.9	155,826	136,375	161,524	153,511	1,180,075	1,157,327	2.0
Durable goods industries	216,558	220,095	211,616	-1.6	4.0	-1.1	224,632	192,427	230,163	220,975	1,691,640	1,686,438	0.3
Wood products.....	8,120	8,091	8,056	0.4	0.4	0.4	8,772	8,153	8,892	9,055	63,588	72,583	-12.4
Nonmetallic mineral products.....	9,585	9,676	9,690	-0.9	-0.1	-1.2	10,470	9,774	10,265	10,954	78,167	82,092	-4.8
Primary metals.....	20,097	20,575	20,339	-2.3	1.2	-2.0	20,963	19,513	21,235	21,536	163,721	157,116	4.2
Iron and steel mills.....	9,215	9,470	9,438	-2.7	0.3	-2.0	9,496	8,886	9,804	10,173	76,401	75,401	1.3
Aluminum and nonferrous metals.....	9,308	9,483	9,273	-1.8	2.3	-2.6	9,781	9,129	9,654	9,608	74,394	68,317	8.9
Ferrous metal foundries.....	1,574	1,622	1,628	-3.0	-0.4	2.2	1,686	1,498	1,777	1,755	12,926	13,398	-3.5
Fabricated metal products.....	26,647	26,671	25,995	-0.1	2.6	-0.8	28,608	25,513	27,476	27,452	209,893	205,153	2.3
Machinery.....	27,824	28,350	27,714	-1.9	2.3	-0.8	27,558	26,886	30,103	27,477	220,769	219,041	0.8
Farm machinery.....	1,800	1,762	1,766	2.2	-0.2	-7.2	1,702	1,720	1,852	1,426	15,599	14,114	10.5
Construction machinery.....	2,298	2,272	2,146	1.1	5.9	5.1	2,375	2,139	2,392	2,846	17,264	23,907	-27.8
Mining, oil field, and gas field machinery.....	1,358	1,319	1,278	3.0	3.2	-1.7	1,321	1,265	1,365	1,155	10,105	8,352	21.0
Industrial machinery.....	3,335	3,452	3,275	-3.4	5.4	-2.8	2,943	3,534	3,590	2,880	25,410	24,589	3.3
Photographic equipment.....	576	580	553	-0.7	4.9	-9.9	557	528	594	666	4,657	5,021	-7.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,827	4,214	4,009	-9.2	5.1	-1.1	4,025	4,167	4,756	3,994	31,707	28,323	11.9
Metalworking machinery.....	2,421	2,438	2,312	-0.7	5.4	-4.5	2,500	2,212	2,523	2,463	18,633	18,975	-1.8
Turbines, generators, and other power transmission equipment.....	3,375	3,516	3,682	-4.0	-4.5	8.0	3,409	3,215	3,797	3,635	26,791	27,739	-3.4
Material handling equipment.....	2,361	2,325	2,327	1.5	-0.1	0.3	2,466	2,140	2,502	2,178	18,438	16,764	10.0
Computers and electronic products.....	32,996	32,915	32,089	0.2	2.6	-4.1	32,303	28,665	36,619	32,197	254,674	254,877	-0.1
Computers.....	2,910	2,454	3,374	18.6	-27.3	-10.7	3,140	2,598	3,853	3,417	25,533	28,391	-10.1
Computer storage devices.....	645	637	594	1.3	7.2	-7.6	524	356	950	538	4,276	4,899	-12.7
Other peripheral equipment.....	1,485	1,510	1,449	-1.7	4.2	0.6	1,447	1,171	1,756	1,358	10,774	10,478	2.8
Nondefense communications equipment.....	5,155	5,059	5,011	1.9	1.0	0.8	4,758	4,061	6,040	4,614	37,714	38,467	-2.0
Defense communications equipment.....	528	523	461	1.0	13.4	-15.6	535	455	471	527	3,975	3,834	3.7
Audio and video equipment.....	861	860	872	0.1	-1.4	0.2	837	701	777	857	6,301	6,085	3.5
Semiconductors.....	6,396	6,848	5,459	-6.6	25.4	-14.9	6,517	6,330	5,727	6,791	51,596	53,401	-3.4
Electronic components.....	4,174	4,158	4,238	0.4	-1.9	1.2	4,115	3,699	4,671	4,115	32,416	30,725	5.5
Nondefense search and navigation equipment.....	986	1,062	1,032	-7.2	2.9	0.8	987	973	1,119	873	7,767	6,451	20.4
Defense search and navigation equipment.....	2,588	2,512	2,456	3.0	2.3	-2.4	2,616	2,393	2,533	2,509	19,872	18,970	4.8
Electromedical, measuring, and control instruments.....	6,738	6,739	6,624	0.0	1.7	1.1	6,305	5,435	8,217	6,040	50,427	48,905	3.1
Electrical equipment, appliances, and components.....	11,073	10,956	10,766	1.1	1.8	-0.6	11,564	10,159	11,599	10,945	86,181	80,717	6.8
Electric lighting equipment.....	1,254	1,229	1,221	2.0	0.7	-2.2	1,289	1,097	1,287	1,271	9,624	9,084	5.9
Household appliances.....	2,228	2,237	2,210	-0.4	1.2	-2.0	2,390	2,049	2,442	2,502	17,730	17,477	1.4
Electrical equipment.....	3,549	3,462	3,486	2.5	-0.7	1.5	3,603	3,208	3,841	3,178	27,466	24,372	12.7
Batteries.....	743	728	637	2.1	14.3	-3.2	752	622	639	625	5,129	4,358	17.7
Transportation equipment.....	60,157	62,874	57,208	-4.3	9.9	0.0	64,012	45,153	63,145	60,961	458,471	458,015	0.1
Automobiles.....	7,550	8,372	7,338	-9.8	14.1	2.2	8,388	5,213	7,920	7,764	58,254	57,162	1.9
Light trucks and utility vehicles.....	12,256	12,632	11,718	-3.0	7.8	2.2	13,361	7,453	13,122	11,313	90,111	92,430	-2.5
Heavy duty trucks.....	1,378	1,293	1,236	6.6	4.6	-6.3	1,410	1,157	1,345	2,471	12,430	18,516	-32.9
Motor vehicle bodies, parts, and trailers.....	19,458	20,885	18,809	-6.8	11.0	-1.2	21,305	15,330	20,075	22,485	155,627	160,147	-2.8
Nondefense aircraft and parts.....	9,763	9,631	8,792	1.4	9.5	2.8	9,902	7,324	10,653	7,320	68,196	56,810	20.0
Defense aircraft and parts.....	3,465	3,843	3,251	-9.8	18.2	-7.5	3,451	3,214	3,625	3,416	26,311	24,898	5.7
Ships and boats.....	2,001	1,984	2,007	0.9	-1.1	1.1	1,990	1,690	2,112	2,113	15,697	15,766	-0.4
Furniture and related products.....	6,912	6,999	6,949	-1.2	0.7	1.0	7,401	6,857	7,028	7,727	55,517	58,591	-5.2
Miscellaneous durable goods.....	13,147	12,988	12,810	1.2	1.4	-0.3	12,981	11,754	13,801	12,671	100,659	98,253	2.4
Nondurable goods industries.....	201,388	204,597	203,394	-1.6	0.6	0.2	213,033	204,404	209,740	215,567	1,605,439	1,625,641	-1.2
Food products.....	48,425	48,304	47,214	0.3	2.3	0.6	49,934	46,239	47,330	46,248	369,968	351,841	5.2
Grain and oilseed milling.....	5,184	5,274	5,169	-1.7	2.0	3.8	5,419	5,222	4,934	5,362	40,240	39,663	1.5
Dairy products.....	7,448	7,382	7,060	0.9	4.6	3.0	7,658	7,353	7,207	6,291	54,287	49,005	10.8
Meat, poultry, and seafood products.....	14,365	14,276	13,919	0.6	2.6	-0.7	14,935	14,032	14,507	13,612	111,738	103,810	7.6
Beverage and tobacco products.....	11,791	11,388	11,428	3.5	-0.4	-0.4	12,513	11,441	12,066	11,777	90,050	86,296	4.4
Beverages.....	7,557	7,456	7,367	1.4	1.2	-1.3	8,279	7,509	8,005	7,605	59,337	56,349	5.3
Tobacco.....	4,234	3,932	4,061	7.7	-3.2	1.4	4,234	3,932	4,061	4,172	30,713	29,947	2.6
Textile mills.....	2,863	2,900	2,825	-1.3	2.7	-2.9	3,006	2,750	3,044	3,194	23,503	25,438	-7.6
Textile products.....	2,816	2,814	2,888	0.1	-2.6	0.5	2,969	2,845	3,072	3,173	22,965	25,032	-8.3
Apparel.....	2,710	2,630	2,503	3.0	5.1	-4.1	2,947	2,604	2,473	2,809	20,948	21,665	-3.3
Leather and allied products.....	569	563	557	1.1	1.1	0.7	618	529	578	582	4,441	4,180	6.2
Paper products.....	13,808	13,929	13,727	-0.9	1.5	0.5	14,284	13,810	14,292	14,455	110,768	112,835	-1.8
Pulp, paper, and paperboard mills.....	6,535	6,603	6,575	-1.0	0.4	0.4	6,771	6,668	6,793	6,703	52,588	52,004	1.1
Paperboard containers.....	3,881	3,936	3,893	-1.4	1.1	0.1	4,135	3,915	4,025	4,348	31,557	32,314	-2.3
Printing.....	8,537	8,530	8,477	0.1	0.6	-0.1	8,752	8,010	8,430	8,672	66,504	65,583	1.4
Petroleum and coal products.....	39,507	42,655	43,509	-7.4	-2.0	0.7	44,480	46,476	45,698	50,275	333,449	363,613	-8.3
Petroleum refineries.....	36,956	40,054	40,861	-7.7	-2.0	1.0	41,490	43,556	42,690	46,613	312,130	340,009	-8.2
Chemical products.....	52,819	53,163	52,898	-0.6	0.5	-0.1	55,040	52,692	54,539	55,571	423,567	427,760	-1.0
Pesticides, fertilizers, and other agricultural chemicals.....	2,807	2,732	2,562	2.7	6.6	2.2	2,586	2,459	2,872	2,035	22,836	19,839	15.1
Pharmaceuticals and medicines.....	13,407	13,902	14,095	-3.6	-1.4	0.8	14,012	13,653	13,478	15,801	112,092	116,032	-3.4
Paints, coatings, and adhesives.....	2,998	3,043	2,977	-1.5	2.2	1.4	3,284	3,192	3,229	3,198	24,334	23,772	2.4
Plastics and rubber products.....	17,543	17,721	17,368	-1.0	2.0	-0.3	18,490	17,008	18,218	18,811	139,276	141,398	-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		
	Aug. 2007 ^p	July 2007 ^r	June 2007	July - Aug.	June - July	May - June	Aug. 2007 ^p	July 2007 ^r	June 2007	Aug. 2006	2007 ^p	2006	Percent 2007/ 2006
All manufacturing industries ²	420,685	435,099	420,992	-3.3	3.4	1.0	435,484	403,931	439,430	427,724	3,319,363	3,311,329	0.2
Excluding transportation ²	353,155	359,165	353,031	-1.7	1.7	-0.4	365,739	348,774	367,595	366,104	2,805,534	2,827,843	-0.8
Excluding defense ²	406,926	422,987	412,258	-3.8	2.6	1.2	423,056	395,613	431,201	417,791	3,244,335	3,238,685	0.2
With unfilled orders ²	160,095	170,247	159,772	-6.0	6.6	2.4	160,162	149,805	166,778	151,484	1,253,955	1,209,978	3.6
Durable goods industries ²	219,297	230,502	217,598	-4.9	5.9	1.8	222,451	199,527	229,690	212,157	1,713,924	1,685,688	1.7
Primary metals.....	19,847	20,398	19,214	-2.7	6.2	-6.0	20,746	19,042	19,386	21,165	163,321	158,786	2.9
Iron and steel mills.....	8,937	9,203	8,376	-2.9	9.9	-10.3	9,372	8,434	8,248	9,903	76,056	76,199	-0.2
Aluminum and nonferrous metals.....	9,342	9,582	9,245	-2.5	3.6	-2.3	9,744	9,123	9,455	9,619	74,322	68,989	7.7
Ferrous metal foundries.....	1,568	1,613	1,593	-2.8	1.3	-2.6	1,630	1,485	1,683	1,643	12,943	13,598	-4.8
Fabricated metal products.....	27,006	27,109	26,449	-0.4	2.5	1.0	28,309	25,930	27,270	27,314	214,381	211,273	1.5
Machinery.....	28,714	30,220	28,685	-5.0	5.4	3.5	27,701	28,154	29,205	27,053	227,210	227,760	-0.2
Construction machinery.....	2,389	3,534	2,252	-32.4	56.9	28.4	2,416	2,818	2,068	2,500	18,383	23,805	-22.8
Mining, oil field, and gas field machinery.....	1,375	1,277	1,218	7.7	4.8	-1.7	1,343	1,220	1,233	1,275	9,668	9,537	1.4
Industrial machinery.....	3,317	3,513	3,201	-5.6	9.7	-6.1	2,490	3,860	3,137	2,492	27,035	26,983	0.2
Photographic equipment.....	572	524	581	9.2	-9.8	-4.3	546	475	593	805	4,576	5,260	-13.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,156	4,554	4,360	-8.7	4.4	4.4	4,476	4,602	4,711	4,197	34,273	30,163	13.6
Metalworking machinery.....	2,519	2,450	2,318	2.8	5.7	-3.8	2,502	2,244	2,424	2,589	19,109	19,671	-2.9
Turbines, generators, and other power transmission equipment.....	3,378	3,461	3,608	-2.4	-4.1	11.1	3,439	3,151	3,610	3,752	26,422	29,596	-10.7
Material handling equipment.....	2,618	2,537	2,817	3.2	-9.9	19.2	2,427	2,015	3,007	1,811	19,064	17,248	10.5
Computers and electronic products ²	27,759	28,312	26,688	-2.0	6.1	-4.9	25,789	24,239	30,380	24,942	207,045	208,299	-0.6
Computers.....	3,137	2,726	3,501	15.1	-22.1	-6.0	3,367	2,870	3,980	3,142	26,000	27,916	-6.9
Nondefense communications equipment.....	5,474	5,416	5,035	1.1	7.6	-12.8	4,489	4,320	5,664	4,585	38,946	40,025	-2.7
Defense communications equipment.....	702	1,340	526	-47.6	154.8	45.7	519	1,184	665	342	4,492	3,999	12.3
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	4,062	4,297	4,053	-5.5	6.0	-3.2	4,116	3,888	4,474	4,134	32,744	31,699	3.3
Nondefense search and navigation equipment.....	1,251	1,119	1,016	11.8	10.1	-8.1	1,218	995	953	887	8,050	7,468	7.8
Defense search and navigation equipment.....	2,711	2,875	2,297	-5.7	25.2	-11.8	2,355	2,444	2,327	2,393	19,223	21,004	-8.5
Electromedical, measuring, and control instruments.....	6,901	6,979	6,826	-1.1	2.2	-0.3	6,395	5,817	8,329	6,148	52,216	50,455	3.5
Electrical equipment, appliances, and components.....	10,951	10,686	10,989	2.5	-2.8	-1.2	11,218	10,199	11,521	10,145	88,794	84,523	5.1
Electric lighting equipment.....	1,288	1,287	1,378	0.1	-6.6	21.8	1,265	1,123	1,541	832	10,334	9,546	8.3
Household appliances.....	2,216	2,389	2,051	-7.2	16.5	-7.5	2,449	2,306	2,116	2,409	18,185	17,780	2.3
Electrical equipment.....	3,703	3,299	3,904	12.2	-15.5	4.1	3,670	3,182	4,099	3,096	29,412	26,680	10.2
Transportation equipment.....	67,530	75,934	67,961	-11.1	11.7	9.1	69,745	55,157	71,835	61,620	513,829	483,486	6.3
Motor vehicle bodies, parts, and trailers.....	18,859	20,622	18,625	-8.5	10.7	-3.3	20,026	15,712	19,512	21,901	153,849	161,758	-4.9
Nondefense aircraft and parts.....	13,230	22,012	19,439	-39.9	13.2	37.1	12,995	18,258	20,735	6,992	121,967	82,363	48.1
Defense aircraft and parts.....	5,719	3,975	3,161	43.9	25.8	14.1	5,463	2,436	3,284	2,402	23,691	23,300	1.7
Ships and boats.....	2,625	2,033	1,866	29.1	8.9	-29.4	2,401	1,253	1,654	2,821	16,961	19,094	-11.2
Furniture and related products.....	6,555	6,858	6,886	-4.4	-0.4	-3.0	6,637	6,895	6,965	7,222	56,096	58,637	-4.3
Nondurable goods industries.....	201,388	204,597	203,394	-1.6	0.6	0.2	213,033	204,404	209,740	215,567	1,605,439	1,625,641	-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 Aug. 07/06
	Aug. 2007 ^P	July 2007 ^r	June 2007	July - Aug.	June - July	May - June	Aug. 2007 ^P	July 2007 ^r	June 2007	Aug. 2006	
All manufacturing industries ¹	763,475	754,340	737,085	1.2	2.3	1.6	755,722	751,386	737,956	620,056	21.9
Excluding transportation ¹	322,029	320,267	316,072	0.6	1.3	0.2	319,366	320,763	317,337	290,632	9.9
Excluding defense ¹	603,473	597,934	582,395	0.9	2.7	2.1	598,767	596,827	582,436	474,629	26.2
Durable goods industries ¹	763,475	754,340	737,085	1.2	2.3	1.6	755,722	751,386	737,956	620,056	21.9
Primary metals.....	26,519	26,769	26,946	-0.9	-0.7	-4.0	26,292	26,509	26,980	27,910	-5.8
Iron and steel mills.....	15,541	15,819	16,086	-1.8	-1.7	-6.2	15,546	15,670	16,122	17,562	-11.5
Aluminum and nonferrous metals.....	8,089	8,055	7,956	0.4	1.2	-0.4	7,903	7,940	7,946	7,452	6.1
Ferrous metal foundries.....	2,889	2,895	2,904	-0.2	-0.3	-1.2	2,843	2,899	2,912	2,896	-1.8
Fabricated metal products.....	57,285	56,926	56,488	0.6	0.8	0.8	57,613	57,912	57,495	54,248	6.2
Machinery.....	84,794	83,904	82,034	1.1	2.3	1.2	83,329	83,186	81,918	70,990	17.4
Construction machinery.....	11,572	11,481	10,219	0.8	12.3	1.0	10,920	10,879	10,200	7,278	50.0
Mining, oil field, and gas field machinery.....	3,379	3,362	3,404	0.5	-1.2	-1.7	3,373	3,351	3,396	3,384	-0.3
Industrial machinery.....	14,250	14,268	14,207	-0.1	0.4	-0.5	14,056	14,509	14,183	12,155	15.6
Photographic equipment.....	1,471	1,475	1,531	-0.3	-3.7	1.9	1,461	1,472	1,525	1,380	5.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	11,800	11,471	11,131	2.9	3.1	3.3	12,022	11,571	11,136	9,270	29.7
Metalworking machinery.....	6,950	6,852	6,840	1.4	0.2	0.1	6,901	6,899	6,867	6,174	11.8
Turbines, generators, and other power transmission equipment.....	12,202	12,199	12,254	0.0	-0.4	-0.6	12,184	12,154	12,218	11,998	1.6
Material handling equipment.....	9,927	9,670	9,458	2.7	2.2	5.5	9,477	9,516	9,641	8,164	16.1
Computers and electronic products ¹	115,539	114,380	112,135	1.0	2.0	0.1	114,159	114,156	112,252	103,913	9.9
Computers.....	3,874	3,647	3,375	6.2	8.1	3.9	3,874	3,647	3,375	3,135	23.6
Nondefense communications equipment.....	28,271	27,952	27,595	1.1	1.3	0.1	27,765	28,034	27,775	25,855	7.4
Defense communications equipment.....	7,108	6,934	6,117	2.5	13.4	1.1	6,874	6,890	6,161	6,001	14.5
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,112	10,224	10,085	-1.1	1.4	-1.8	10,248	10,247	10,058	10,314	-0.6
Nondefense search and navigation equipment.....	5,778	5,513	5,456	4.8	1.0	-0.3	5,598	5,367	5,345	4,723	18.5
Defense search and navigation equipment.....	34,236	34,113	33,750	0.4	1.1	-0.5	33,666	33,927	33,876	31,697	6.2
Electromedical, measuring, and control instruments.....	26,160	25,997	25,757	0.6	0.9	0.8	26,134	26,044	25,662	22,188	17.8
Electrical equipment, appliances, and components.....	24,256	24,378	24,648	-0.5	-1.1	0.9	24,349	24,695	24,655	21,445	13.5
Electric lighting equipment.....	2,739	2,705	2,647	1.3	2.2	6.3	2,827	2,851	2,825	2,579	9.6
Household appliances.....	987	999	847	-1.2	17.9	-15.8	1,026	967	710	858	19.6
Electrical equipment.....	14,838	14,684	14,847	1.0	-1.1	2.9	14,876	14,809	14,835	12,384	20.1
Transportation equipment.....	441,446	434,073	421,013	1.7	3.1	2.6	436,356	430,623	420,619	329,424	32.5
Motor vehicle bodies, parts, and trailers.....	19,801	20,400	20,663	-2.9	-1.3	-0.9	19,189	20,468	20,086	19,536	-1.8
Nondefense aircraft and parts.....	274,595	271,128	258,747	1.3	4.8	4.3	272,321	269,228	258,294	181,954	49.7
Defense aircraft and parts.....	43,062	40,808	40,676	5.5	0.3	-0.2	42,403	40,391	41,169	41,370	2.5
Ships and boats.....	19,751	19,127	19,078	3.3	0.3	-0.7	19,031	18,620	19,057	16,619	14.5
Furniture and related products.....	7,379	7,736	7,877	-4.6	-1.8	-0.8	7,367	8,131	8,093	7,246	1.7

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

Table 4. Value of Manufacturers' Inventories for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Aug. 07/06
	Aug. 2007 ^p	July 2007 ^r	June 2007	July - Aug.	June - July	May - June	Aug. 2007 ^p	July 2007 ^r	June 2007	Aug. 2006	
All manufacturing industries	516,576	517,103	516,507	-0.1	0.1	0.2	520,682	520,897	514,193	508,746	2.3
Excluding transportation	438,922	439,509	439,248	-0.1	0.1	0.3	442,115	442,527	437,615	435,492	1.5
Excluding defense	495,532	495,928	495,413	-0.1	0.1	0.2	499,465	499,544	493,036	486,961	2.6
With unfilled orders	246,923	246,711	246,276	0.1	0.2	0.0	248,934	248,439	245,031	236,742	5.1
Durable goods industries	312,654	312,895	312,622	-0.1	0.1	0.0	315,441	315,082	310,787	304,424	3.6
Wood products	10,693	10,719	10,644	-0.2	0.7	0.2	10,648	10,581	10,480	11,598	-8.2
Nonmetallic mineral products	11,852	11,852	11,889	0.0	-0.3	-0.5	11,841	11,966	11,969	11,571	2.3
Primary metals	31,748	31,850	31,921	-0.3	-0.2	1.3	31,762	32,053	31,732	29,872	6.3
Iron and steel mills	18,085	18,218	18,325	-0.7	-0.6	1.3	18,190	18,448	18,192	16,884	7.7
Aluminum and nonferrous metals	11,111	11,088	11,087	0.2	0.0	1.6	11,084	11,099	11,031	10,753	3.1
Ferrous metal foundries	2,552	2,544	2,509	0.3	1.4	0.4	2,488	2,506	2,509	2,235	11.3
Fabricated metal products	41,338	41,481	41,440	-0.3	0.1	-0.4	41,351	41,781	41,484	40,276	2.7
Machinery	51,098	50,956	50,668	0.3	0.6	0.5	51,421	50,889	50,281	48,114	6.9
Farm machinery	2,346	2,326	2,244	0.9	3.7	-0.8	2,247	2,279	2,243	2,149	4.6
Construction machinery	5,010	4,998	4,978	0.2	0.4	0.4	4,928	4,936	4,981	4,497	9.6
Mining, oil field, and gas field machinery	3,821	3,768	3,721	1.4	1.3	1.1	3,906	3,824	3,795	3,198	22.1
Industrial machinery	7,695	7,745	7,761	-0.6	-0.2	0.7	7,828	7,663	7,874	7,593	3.1
Photographic equipment	1,187	1,180	1,218	0.6	-3.1	1.9	1,188	1,176	1,201	1,221	-2.7
Ventilation, heating, air-conditioning, and refrigeration equipment	4,445	4,473	4,490	-0.6	-0.4	-0.4	4,519	4,508	4,420	4,369	3.4
Metalworking machinery	4,054	4,078	4,051	-0.6	0.7	-0.1	4,165	4,159	3,993	4,425	-5.9
Turbines, generators, and other power transmission equipment	5,977	5,887	5,806	1.5	1.4	0.1	6,124	5,928	5,630	5,457	12.2
Material handling equipment	2,967	2,985	2,889	-0.6	3.3	0.2	2,946	2,939	2,863	2,602	13.2
Computers and electronic products	42,950	42,988	43,486	-0.1	-1.1	-0.6	44,002	43,517	42,939	44,649	-1.4
Computers	1,102	1,086	1,145	1.5	-5.2	3.3	1,181	1,062	1,153	1,201	-1.7
Computer storage devices	1,306	1,284	1,283	1.7	0.1	0.3	1,396	1,320	1,195	1,267	10.2
Other peripheral equipment	2,033	2,028	2,008	0.2	1.0	-2.6	2,141	2,073	1,950	2,178	-1.7
Nondefense communications equipment	6,333	6,302	6,349	0.5	-0.7	-2.0	6,420	6,283	6,083	6,785	-5.4
Defense communications equipment	940	909	840	3.4	8.2	6.2	956	920	846	748	27.8
Audio and video equipment	1,117	1,152	1,188	-3.0	-3.0	0.9	1,189	1,172	1,106	1,230	-3.3
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	6,941	6,954	6,860	-0.2	1.4	-3.9	7,058	7,103	6,837	7,172	-1.6
Nondefense search and navigation equipment	3,204	3,257	3,193	-1.6	2.0	3.4	3,243	3,328	3,220	2,779	16.7
Defense search and navigation equipment	2,398	2,438	2,439	-1.6	0.0	1.4	2,450	2,471	2,454	2,494	-1.8
Electromedical, measuring and control instruments	10,984	10,849	10,862	1.2	-0.1	-0.7	11,209	10,866	10,720	10,901	2.8
Electrical equipment, appliances, and components	14,390	14,444	14,335	-0.4	0.8	0.0	14,389	14,498	14,239	14,180	1.5
Electric lighting equipment	1,877	1,863	1,862	0.8	0.1	-4.7	1,909	1,886	1,881	1,932	-1.2
Household appliances	1,747	1,749	1,706	-0.1	2.5	0.4	1,770	1,803	1,707	1,804	-1.9
Electrical equipment	5,191	5,241	5,232	-1.0	0.2	0.3	5,131	5,201	5,115	4,909	4.5
Batteries	462	460	453	0.4	1.5	0.2	475	456	446	617	-23.0
Transportation equipment	77,654	77,594	77,259	0.1	0.4	-0.2	78,567	78,370	76,578	73,254	7.3
Automobiles	2,281	2,482	2,195	-8.1	13.1	-2.0	2,381	2,635	2,113	2,167	9.9
Light trucks and utility vehicles	2,712	2,748	3,014	-1.3	-8.8	-1.0	2,860	2,748	2,967	3,393	-15.7
Heavy duty trucks	1,579	1,644	1,530	-4.0	7.5	2.8	1,607	1,635	1,509	1,561	2.9
Motor vehicle bodies, parts, and trailers	17,825	17,769	17,828	0.3	-0.3	-2.2	17,629	17,817	17,682	18,132	-2.8
Nondefense aircraft and parts	31,098	30,788	30,521	1.0	0.9	1.0	31,687	31,180	30,204	25,233	25.6
Defense aircraft and parts	12,829	12,833	12,711	0.0	1.0	-0.1	12,908	12,946	12,768	12,563	2.7
Ships and boats	2,296	2,275	2,302	0.9	-1.2	2.0	2,282	2,253	2,315	2,748	-17.0
Furniture and related products	8,537	8,578	8,629	-0.5	-0.6	-0.7	8,626	8,781	8,862	8,960	-3.7
Miscellaneous durable goods	22,394	22,433	22,351	-0.2	0.4	-0.1	22,834	22,646	22,223	21,950	4.0
Nondurable goods industries	203,922	204,208	203,885	-0.1	0.2	0.6	205,241	205,815	203,406	204,322	0.4
Food products	37,555	37,242	36,694	0.8	1.5	0.6	37,512	36,532	35,440	34,328	9.3
Grain and oilseed milling	4,596	4,440	4,344	3.5	2.2	0.0	4,394	4,221	4,138	3,795	15.8
Dairy products	4,780	4,717	4,586	1.3	2.9	3.1	4,867	4,909	4,738	4,044	20.4
Meat, poultry, and seafood products	7,230	7,175	7,085	0.8	1.3	0.2	7,188	7,115	6,934	6,651	8.1
Beverage and tobacco products	14,735	14,800	14,818	-0.4	-0.1	0.1	14,331	14,200	14,263	14,005	2.3
Beverages	10,922	10,897	10,834	0.2	0.6	1.0	10,668	10,520	10,446	9,844	8.4
Tobacco	3,813	3,903	3,984	-2.3	-2.0	-2.3	3,663	3,680	3,817	4,161	-12.0
Textile mills	3,828	3,796	3,784	0.8	0.3	0.9	3,858	3,817	3,812	4,211	-8.4
Textile products	3,470	3,477	3,499	-0.2	-0.6	-0.5	3,510	3,522	3,546	3,766	-6.8
Apparel	3,966	4,096	3,997	-3.2	2.5	3.2	4,098	4,219	4,038	4,279	-4.2
Leather and allied products	909	906	902	0.3	0.4	0.9	926	918	905	876	5.7
Paper products	15,296	15,276	15,251	0.1	0.2	-0.4	15,261	15,332	15,186	15,391	-0.8
Pulp, paper, and paperboard mills	7,044	7,022	7,056	0.3	-0.5	-0.5	7,007	7,050	6,997	7,009	0.0
Paperboard containers	3,830	3,864	3,836	-0.9	0.7	-1.3	3,820	3,873	3,822	3,964	-3.6
Printing	6,456	6,493	6,595	-0.6	-1.5	0.1	6,803	6,812	6,633	7,085	-4.0
Petroleum and coal products	33,556	33,877	34,492	-0.9	-1.8	1.0	34,685	35,682	35,565	37,131	-6.6
Petroleum refineries	30,852	31,081	31,695	-0.7	-1.9	1.2	31,895	32,795	32,703	34,141	-6.6
Chemical products	63,312	63,486	63,268	-0.3	0.3	0.5	63,754	64,152	63,661	63,075	1.1
Pesticides, fertilizers, and other agricultural chemicals	2,753	2,676	2,587	2.9	3.4	2.6	2,403	2,386	2,378	2,210	8.7
Pharmaceuticals and medicines	24,054	24,523	24,637	-1.9	-0.5	1.1	24,677	25,197	25,164	24,415	1.1
Paints, coatings, and adhesives	3,077	3,043	3,021	1.1	0.7	0.4	3,099	3,077	3,099	3,053	1.5
Plastics and rubber products	20,839	20,759	20,585	0.4	0.8	0.8	20,503	20,629	20,357	20,175	1.6

^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						Percent Change ⁶ 2007/ 2006
	Monthly			Percent Change			Monthly				Year to date		
	Aug. 2007 ^p	July 2007 ^r	June 2007	July - Aug.	June - July	May - June	Aug. 2007 ^p	July 2007 ^r	June 2007	Aug. 2006	2007 ^p	2006	
SHIPMENTS													
All manufacturing industries	417,946	424,692	415,010	-1.6	2.3	-0.5	437,665	396,831	439,903	436,542	3,297,079	3,312,079	-0.5
Construction materials and supplies.....	43,664	44,301	43,489	-1.4	1.9	-0.8	47,414	43,886	47,218	47,989	349,166	357,837	-2.4
Information technology.....	26,301	25,789	26,157	2.0	-1.4	-2.0	25,758	22,347	30,205	25,326	201,551	201,198	0.2
Computers and related products	5,040	4,601	5,417	9.5	-15.1	-7.6	5,111	4,125	6,559	5,313	40,583	43,768	-7.3
Motor vehicle and parts.....	40,642	43,182	39,101	-5.9	10.4	0.3	44,464	29,153	42,462	44,033	316,422	328,255	-3.6
Capital goods.....	75,377	75,059	73,688	0.4	1.9	-0.8	75,208	67,101	82,173	73,508	581,197	578,669	0.4
Nondefense capital goods ³	66,916	66,376	65,743	0.8	1.0	-0.5	66,813	59,197	73,911	65,442	516,996	517,004	0.0
Excluding aircraft.....	60,925	60,342	60,365	1.0	0.0	-0.8	60,516	55,071	67,232	60,800	475,675	481,365	-1.2
Defense capital goods ⁴	8,461	8,683	7,945	-2.6	9.3	-4.0	8,395	7,904	8,262	8,066	64,201	61,665	4.1
Consumer goods.....	163,548	167,821	165,559	-2.5	1.4	0.6	173,665	158,889	170,952	174,012	1,295,702	1,312,705	-1.3
Consumer durable goods.....	35,720	36,928	34,887	-3.3	5.9	0.9	37,710	26,871	37,671	35,477	273,410	277,140	-1.3
Consumer nondurable goods.....	127,828	130,893	130,672	-2.3	0.2	0.5	135,955	132,018	133,281	138,535	1,022,292	1,035,565	-1.3
NEW ORDERS													
All manufacturing industries ⁵	420,685	435,099	420,992	-3.3	3.4	1.0	435,484	403,931	439,430	427,724	3,319,363	3,311,329	0.2
Construction materials and supplies.....	44,146	44,679	44,374	-1.2	0.7	0.6	47,474	44,232	47,465	47,181	354,859	362,532	-2.1
Information technology.....	27,270	27,522	26,235	-0.9	4.9	-5.8	25,301	23,792	29,625	24,796	204,611	208,019	-1.6
Computers and related products	5,267	4,873	5,544	8.1	-12.1	-4.5	5,338	4,397	6,686	5,038	41,050	43,293	-5.2
Motor vehicle and parts.....	40,043	42,919	38,917	-6.7	10.3	-0.8	43,185	29,535	41,899	43,449	314,644	329,866	-4.6
Capital goods.....	82,253	91,376	84,431	-10.0	8.2	4.3	78,352	79,085	89,449	73,111	644,247	612,746	5.1
Nondefense capital goods ³	71,296	81,119	77,389	-12.1	4.8	6.3	68,491	72,108	83,008	64,527	581,599	551,536	5.5
Excluding aircraft.....	62,267	62,595	62,018	-0.5	0.9	-0.2	59,631	56,802	66,652	60,182	488,988	495,894	-1.4
Defense capital goods ⁴	10,957	10,257	7,042	6.8	45.7	-13.9	9,861	6,977	6,441	8,584	62,648	61,210	2.3
Consumer goods.....	163,329	168,026	165,486	-2.8	1.5	0.4	173,417	159,417	170,547	173,676	1,296,883	1,312,666	-1.2
Consumer durable goods.....	35,501	37,133	34,814	-4.4	6.7	-0.1	37,462	27,399	37,266	35,141	274,591	277,101	-0.9
Consumer nondurable goods.....	127,828	130,893	130,672	-2.3	0.2	0.5	135,955	132,018	133,281	138,535	1,022,292	1,035,565	-1.3
UNFILLED ORDERS													
All manufacturing industries ⁵	763,475	754,340	737,085	1.2	2.3	1.6	755,722	751,386	737,956	620,056	(X)	(X)	21.9
Construction materials and supplies.....	48,251	47,769	47,391	1.0	0.8	1.9	48,831	48,771	48,425	45,227	(X)	(X)	8.0
Information technology.....	112,590	111,621	109,888	0.9	1.6	0.1	110,992	111,449	110,004	100,603	(X)	(X)	10.3
Computers and related products	3,874	3,647	3,375	6.2	8.1	3.9	3,874	3,647	3,375	3,135	(X)	(X)	23.6
Motor vehicle and parts.....	19,801	20,400	20,663	-2.9	-1.3	-0.9	19,189	20,468	20,086	19,536	(X)	(X)	-1.8
Capital goods.....	574,503	567,627	551,310	1.2	3.0	2.0	566,940	563,796	551,812	445,164	(X)	(X)	27.4
Nondefense capital goods ³	428,011	423,631	408,888	1.0	3.6	2.9	423,294	421,616	408,705	311,670	(X)	(X)	35.8
Excluding aircraft.....	180,608	179,266	177,013	0.7	1.3	0.9	178,233	179,118	177,387	153,586	(X)	(X)	16.0
Defense capital goods ⁴	146,492	143,996	142,422	1.7	1.1	-0.6	143,646	142,180	143,107	133,494	(X)	(X)	7.6
Consumer goods.....	9,820	10,039	9,834	-2.2	2.1	-0.7	9,840	10,088	9,560	8,753	(X)	(X)	12.4
Consumer durable goods.....	9,820	10,039	9,834	-2.2	2.1	-0.7	9,840	10,088	9,560	8,753	(X)	(X)	12.4
TOTAL INVENTORIES													
All manufacturing industries	516,576	517,103	516,507	-0.1	0.1	0.2	520,682	520,897	514,193	508,746	(X)	(X)	2.3
Construction materials and supplies.....	58,608	58,650	58,616	-0.1	0.1	-0.6	58,854	59,039	58,600	59,249	(X)	(X)	-0.7
Information technology.....	36,214	36,142	36,109	0.2	0.1	0.2	37,003	36,370	35,520	36,286	(X)	(X)	2.0
Computers and related products	4,441	4,398	4,436	1.0	-0.9	-0.3	4,718	4,455	4,298	4,646	(X)	(X)	1.5
Motor vehicle and parts.....	24,397	24,643	24,567	-1.0	0.3	-1.8	24,477	24,835	24,271	25,253	(X)	(X)	-3.1
Capital goods.....	139,434	139,149	138,416	0.2	0.5	0.2	141,193	139,821	137,344	132,366	(X)	(X)	6.7
Nondefense capital goods ³	122,614	122,187	121,539	0.3	0.5	0.1	124,279	122,794	120,461	115,138	(X)	(X)	7.9
Excluding aircraft.....	98,670	98,444	97,900	0.2	0.6	0.2	99,887	98,765	97,127	95,448	(X)	(X)	4.7
Defense capital goods ⁴	16,820	16,962	16,877	-0.8	0.5	0.4	16,914	17,027	16,883	17,228	(X)	(X)	-1.8
Consumer goods.....	157,417	158,363	158,442	-0.6	0.0	0.6	159,455	160,079	157,837	158,617	(X)	(X)	0.5
Consumer durable goods.....	29,020	29,384	29,407	-1.2	-0.1	-0.3	29,636	29,765	29,039	30,090	(X)	(X)	-1.5
Consumer nondurable goods.....	128,397	128,979	129,035	-0.5	0.0	0.8	129,819	130,314	128,798	128,527	(X)	(X)	1.0

^p Preliminary ^r Revised X Not Applicable.

¹ Topical series are regroupings of the separate industry categories.

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

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

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

⁵ Estimates and percent changes exclude semiconductor industry data.

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Aug. 07/06
	Aug. 2007 ^P	July 2007 ^r	June 2007	July - Aug.	June - July	May - June	Aug. 2007 ^P	July 2007 ^r	June 2007	Aug. 2006	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	176,518	176,366	176,446	0.1	0.0	-0.1	177,080	177,435	175,655	175,920	0.7
Durable goods industries.....	106,418	106,817	107,180	-0.4	-0.3	-0.5	107,060	107,563	105,924	106,389	0.6
Wood products.....	4,085	4,109	4,141	-0.6	-0.8	0.1	4,088	3,996	3,885	4,420	-7.5
Nonmetallic mineral products.....	4,564	4,563	4,550	0.0	0.3	-1.1	4,630	4,620	4,541	4,460	3.8
Primary metals.....	11,900	11,900	12,065	-0.4	-1.4	-1.5	11,950	11,978	11,963	11,962	2.5
Fabricated metal products.....	15,854	15,929	15,993	-0.2	-0.4	-0.7	15,835	16,009	15,956	15,462	2.5
Machinery.....	19,804	19,838	19,668	-0.2	0.9	0.8	19,908	19,982	19,470	18,117	9.9
Computers and electronic products.....	15,958	16,277	16,737	-2.0	-2.7	-0.9	16,278	16,397	16,524	17,737	-8.2
Electrical equipment, appliances, and components.....	5,985	5,951	5,962	0.6	-0.2	0.3	5,916	5,936	5,865	5,719	3.4
Transportation equipment.....	17,009	16,952	16,776	0.3	1.0	-1.3	17,063	17,207	16,444	17,608	-3.1
Furniture and related products.....	3,822	3,884	3,865	-1.6	0.5	0.4	3,829	3,937	3,902	3,782	1.2
Miscellaneous products.....	7,445	7,414	7,423	0.4	-0.1	-0.1	7,563	7,501	7,374	7,422	1.9
Nondurable goods industries.....	70,100	69,549	69,266	0.8	0.4	0.6	70,020	69,872	69,731	69,531	0.7
Food products.....	13,267	13,082	12,898	1.4	1.4	1.4	12,858	12,750	12,573	11,912	7.9
Beverage and tobacco products.....	4,534	4,600	4,619	-1.4	-0.4	-1.0	4,382	4,428	4,494	4,511	-2.9
Textiles.....	1,257	1,241	1,231	1.3	0.8	1.0	1,258	1,234	1,231	1,265	-0.6
Textile products.....	1,352	1,356	1,363	-0.3	-0.5	0.7	1,368	1,384	1,378	1,455	-6.0
Apparel.....	1,118	1,136	1,111	-1.6	2.3	1.8	1,116	1,140	1,099	1,102	1.3
Leather and allied products.....	297	287	260	3.5	10.4	-0.8	303	293	263	256	18.4
Paper products.....	7,168	7,126	7,102	0.6	0.3	-0.8	7,128	7,113	7,073	7,223	-1.3
Printing.....	2,987	2,985	3,019	0.1	-1.1	0.2	3,095	3,107	3,127	3,374	-8.3
Petroleum and coal products.....	11,910	11,800	11,845	0.9	-0.4	2.0	12,211	12,314	12,426	11,946	2.2
Chemical products.....	18,053	17,852	17,792	1.1	0.3	0.6	18,146	18,004	18,085	18,227	-0.4
Plastics and rubber products.....	8,157	8,084	8,026	0.9	0.7	-0.3	8,155	8,105	7,982	8,260	-1.3
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	148,463	148,395	148,425	0.0	0.0	0.2	149,818	149,323	147,050	141,732	5.7
Durable goods industries.....	112,867	112,389	111,569	0.4	0.7	0.2	114,183	113,209	110,903	104,689	9.1
Wood products.....	2,248	2,282	2,218	-1.5	2.9	-3.6	2,250	2,280	2,217	2,432	-7.5
Nonmetallic mineral products.....	1,316	1,326	1,328	-0.8	-0.2	-1.9	1,313	1,341	1,350	1,273	3.1
Primary metals.....	10,268	10,395	10,464	-1.2	-0.7	2.6	10,253	10,483	10,484	9,357	9.6
Fabricated metal products.....	11,923	11,839	11,675	0.7	1.4	-1.0	12,091	11,953	11,703	11,524	4.9
Machinery.....	14,423	14,160	14,183	1.9	-0.2	0.5	14,794	14,273	14,260	14,096	5.0
Computers and electronic products.....	16,695	16,648	16,373	0.3	1.7	-1.5	17,103	16,936	16,220	16,683	2.5
Electrical equipment, appliances, and components.....	2,891	3,086	3,044	-6.3	1.4	-0.2	2,965	3,140	3,055	3,122	-5.0
Transportation equipment.....	48,524	48,096	47,734	0.9	0.8	0.9	48,769	48,182	47,062	41,282	18.1
Furniture and related products.....	1,362	1,351	1,322	0.8	2.2	-2.6	1,365	1,369	1,335	1,546	-11.7
Miscellaneous products.....	3,217	3,206	3,228	0.3	-0.7	-0.5	3,280	3,252	3,217	3,374	-2.8
Nondurable goods industries.....	35,596	36,006	36,856	-1.1	-2.3	0.3	35,635	36,114	36,147	37,043	-3.8
Food products.....	2,746	2,766	2,827	-0.7	-2.2	-2.5	2,490	2,495	2,542	2,459	1.3
Beverage and tobacco products.....	4,609	4,592	4,607	0.4	-0.3	-1.4	4,174	4,097	4,220	4,010	4.1
Textiles.....	836	843	851	-0.8	-0.9	1.7	841	851	851	1,056	-20.4
Textile products.....	479	487	500	-1.6	-2.6	-2.2	472	489	502	609	-22.5
Apparel.....	669	681	673	-1.8	1.2	4.2	673	680	669	643	4.7
Leather and allied products.....	92	94	118	-2.1	-20.3	2.6	95	96	114	126	-24.6
Paper products.....	1,341	1,331	1,340	0.8	-0.7	1.2	1,373	1,359	1,341	1,357	1.2
Printing.....	1,520	1,515	1,564	0.3	-3.1	-1.2	1,660	1,659	1,511	1,748	-5.0
Petroleum and coal products.....	8,313	8,470	9,157	-1.9	-7.5	1.8	8,514	8,845	8,998	9,260	-8.1
Chemical products.....	12,485	12,748	12,794	-2.1	-0.4	0.5	12,874	13,086	13,005	13,459	-4.3
Plastics and rubber products.....	2,506	2,479	2,425	1.1	2.2	-0.7	2,469	2,457	2,394	2,316	6.6
<u>FINISHED GOODS</u>											
All manufacturing industries.....	191,595	192,342	191,636	-0.4	0.4	0.5	193,784	194,139	191,488	191,094	1.4
Durable goods industries.....	93,369	93,689	93,873	-0.3	-0.2	0.3	94,198	94,310	93,960	93,346	0.9
Wood products.....	4,360	4,328	4,285	0.7	1.0	2.5	4,310	4,305	4,378	4,746	-9.2
Nonmetallic mineral products.....	5,972	5,963	6,011	0.2	-0.8	0.3	5,898	6,005	6,078	5,838	1.0
Primary metals.....	9,628	9,555	9,392	0.8	1.7	3.8	9,559	9,592	9,285	8,853	8.0
Fabricated metal products.....	13,521	13,713	13,772	-1.4	-0.4	0.4	13,425	13,819	13,825	13,290	1.0
Machinery.....	16,871	16,958	16,817	-0.5	0.8	0.2	16,719	16,634	16,551	15,901	5.1
Computers and electronic products.....	10,297	10,063	10,376	2.3	-3.0	1.2	10,621	10,184	10,195	10,229	3.8
Electrical equipment, appliances, and components.....	5,514	5,407	5,329	2.0	1.5	-0.3	5,508	5,422	5,319	5,339	3.2
Transportation equipment.....	12,121	12,546	12,749	-3.4	-1.6	-2.6	12,735	12,981	13,072	14,364	-11.3
Furniture and related products.....	3,353	3,343	3,442	0.3	-2.9	-1.1	3,432	3,475	3,625	3,632	-5.5
Miscellaneous products.....	11,732	11,813	11,700	-0.7	1.0	0.0	11,991	11,893	11,632	11,154	7.5
Nondurable goods industries.....	98,226	98,653	97,763	-0.4	0.9	0.7	99,586	99,829	97,528	97,748	1.9
Food products.....	21,542	21,394	20,969	0.7	2.0	0.6	22,164	21,287	20,325	19,957	11.1
Beverage and tobacco products.....	5,592	5,608	5,592	-0.3	0.3	2.2	5,775	5,675	5,549	5,484	5.3
Textiles.....	1,735	1,712	1,702	1.3	0.6	0.4	1,759	1,732	1,730	1,890	-6.9
Textile products.....	1,639	1,634	1,636	0.3	-0.1	-1.0	1,670	1,649	1,666	1,702	-1.9
Apparel.....	2,179	2,279	2,213	-4.4	3.0	3.6	2,309	2,399	2,270	2,534	-8.9
Leather and allied products.....	520	525	524	-1.0	0.2	1.4	528	529	528	494	6.9
Paper products.....	6,787	6,819	6,809	-0.5	0.1	-0.2	6,760	6,860	6,772	6,811	-0.7
Printing.....	1,949	1,993	2,012	-2.2	-0.9	1.0	2,048	2,046	1,995	1,963	4.3
Petroleum and coal products.....	13,333	13,607	13,490	-2.0	0.9	-0.3	13,960	14,523	14,141	15,925	-12.3
Chemical products.....	32,774	32,886	32,682	-0.3	0.6	0.5	32,734	33,062	32,571	31,389	4.3
Plastics and rubber products.....	10,176	10,196	10,134	-0.2	0.6	2.1	9,879	10,067	9,981	9,599	2.9

^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			
	Aug 2007 ^p	Jul 2007 ^r	Jun 2007	May 2007	Aug 2007 ^p	Jul 2007 ^r	Jun 2007	May 2007
All manufacturing industries ²	1.24	1.22	1.24	1.24	(X)	(X)	(X)	(X)
Durable goods industries ²	1.44	1.42	1.48	1.46	5.06	4.93	4.97	4.85
Wood products.....	1.32	1.32	1.32	1.32	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.24	1.22	1.23	1.22	(X)	(X)	(X)	(X)
Primary metals.....	1.58	1.55	1.57	1.52	1.32	1.30	1.32	1.35
Fabricated metal products.....	1.55	1.56	1.59	1.59	2.23	2.21	2.25	2.22
Machinery.....	1.84	1.80	1.83	1.80	3.34	3.23	3.24	3.19
Computers and electronic products ² ..	1.30	1.31	1.36	1.31	5.01	5.08	4.83	4.76
Electrical equipment, appliances, and components.....	1.30	1.32	1.33	1.32	2.35	2.38	2.43	2.40
Transportation equipment.....	1.29	1.23	1.35	1.35	11.33	10.70	11.40	11.01
Furniture and related products.....	1.24	1.23	1.24	1.26	1.20	1.26	1.29	1.31
Miscellaneous products.....	1.70	1.73	1.74	1.74	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.01	1.00	1.00	1.00	(X)	(X)	(X)	(X)
Food products.....	0.78	0.77	0.78	0.78	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.25	1.30	1.30	1.29	(X)	(X)	(X)	(X)
Textiles.....	1.34	1.31	1.34	1.29	(X)	(X)	(X)	(X)
Textile products.....	1.23	1.24	1.21	1.22	(X)	(X)	(X)	(X)
Apparel.....	1.46	1.56	1.60	1.48	(X)	(X)	(X)	(X)
Leather and allied products.....	1.60	1.61	1.62	1.62	(X)	(X)	(X)	(X)
Paper products.....	1.11	1.10	1.11	1.12	(X)	(X)	(X)	(X)
Printing.....	0.76	0.76	0.78	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.85	0.79	0.79	0.79	(X)	(X)	(X)	(X)
Chemical products.....	1.20	1.19	1.20	1.19	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.19	1.17	1.19	1.17	(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	
	Aug ¹ 2007	Aug ² 2006-Jul 2007	Aug ¹ 2007	Aug ² 2006-Jul 2007	Aug ¹ 2007	Aug ² 2006-Jul 2007	Aug ¹ 2007	Aug ² 2006-Jul 2007
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)	0.1
Durable goods industries.....	0.0	0.3	0.0	0.4	0.0	0.1	0.0	0.1
Wood products.....	(X)	1.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Nonmetallic mineral products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.0	0.6	0.2	1.7	-0.3	0.8	0.0	0.3
Fabricated metal products.....	-0.1	0.3	-0.3	0.4	-0.1	0.2	-0.1	0.2
Machinery.....	-0.2	0.5	0.0	1.0	0.0	0.4	0.1	0.3
Computers and electronic products	0.0	0.7	0.1	0.7	0.0	0.2	0.1	0.3
Electrical equipment, appliances, and components.....	-0.1	0.6	-0.4	1.1	-0.2	0.3	0.0	0.3
Transportation equipment.....	0.0	0.7	0.1	1.6	0.0	0.1	0.1	0.2
Furniture and related products.....	(X)	0.4	(X)	0.7	(X)	0.7	(X)	0.3
Miscellaneous products.....	(X)	0.4	(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)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Textiles.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.8
Textile products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.4	(X)	(NA)	(X)	(NA)	(X)	1.0
Leather and allied products.....	(X)	2.7	(X)	(NA)	(X)	(NA)	(X)	0.7
Paper products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.3
Printing.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Petroleum and coal products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.6
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>.