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Full Report on Manufacturers' Shipments, Inventories and Orders June 2008

Summary

New orders for manufactured goods in June, up four consecutive months, increased \$7.6 billion or 1.7 percent to \$457.6 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 0.9 percent May increase.

Shipments, up five of the last six months, increased \$7.2 billion or 1.6 percent to \$454.6 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.3 percent May increase.

Unfilled orders, up twenty-eight of the last twenty-nine months, increased \$7.1 billion or 0.9 percent to \$817.4 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.9 percent May increase. The unfilled orders-to-shipments ratio was 5.32, down from 5.33 in May.

Inventories, up nine of the last ten months, increased \$5.5 billion or 1.0 percent to \$554.3 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.6 percent May increase. The inventories-to-shipments ratio was 1.22, down from 1.23 in May.

New Orders

New orders for manufactured durable goods in June, up two consecutive months, increased \$1.6 billion or 0.8 percent to \$215.3 billion, unchanged from the previously published increase. This followed a 0.1 percent May increase.

Primary metals, up five of the last six months, had the largest increase, \$1.1 billion or 5.2 percent to \$23.1 billion.

New orders for manufactured nondurable goods increased \$6.0 billion or 2.5 percent to \$242.3 billion.

Shipments

Shipments of manufactured durable goods in June, up two of the last three months, increased \$1.2 billion or 0.6 percent to \$212.2 billion, revised from the previously published 0.5 percent increase. This followed a 1.2 percent May decrease.

Transportation equipment, up two of the last three months, had the largest increase, \$0.8 billion or 1.5 percent to \$52.6 billion.

Shipments of manufactured nondurable goods, up four consecutive months, increased \$6.0 billion or 2.5 percent to \$242.3 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.7 percent May increase. This increase was led by petroleum and coal products, which increased \$3.8 billion or 5.7 percent to \$70.4 billion. Petroleum and coal products was also at the highest level since the series was first stated on a NAICS basis in 1992.

Unfilled Orders

Unfilled orders for manufactured durable goods in June, up twenty-eight of the last twenty-nine months, increased \$7.1 billion or 0.9 percent to \$817.4 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 0.9 percent May increase.

Transportation equipment, up twenty-four of the last twenty-five months, had the largest increase, \$2.7 billion or 0.6 percent to \$461.0 billion.

Inventories

Inventories of manufactured durable goods in June, up eleven of the last twelve months, increased \$1.7 billion or 0.5 percent to \$332.2 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 0.5 percent May increase.

Transportation equipment, up twenty-one of the last twenty-two months, had the largest increase, \$0.8 billion or 0.9 percent to \$87.1 billion.

Inventories of manufactured nondurable goods, up seven of the last eight months, increased \$3.8 billion or 1.7 percent to \$222.2 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.8 percent May increase. Petroleum and coal products led the increase, up \$3.7 billion or 9.1 percent to \$43.9 billion. Petroleum and coal products was also at the highest level since the series was first stated on a NAICS basis in 1992.

By stage of fabrication, June materials and supplies increased 0.8 percent in durable goods and 0.8 percent in nondurable goods. Work in process increased 0.5 percent in durable goods and decreased 1.8 percent in nondurable goods. Finished goods increased 0.2 percent in durable goods and 3.9 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 July is scheduled for release on August 27, 2008, at 8:30 a.m. EDT and the full report on September 3, 2008, 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		
	June 2008 ^p	May 2008 ^r	Apr. 2008	May - June	Apr. - May	Mar. - Apr.	June 2008 ^p	May 2008 ^r	Apr. 2008	June 2007	2008 ^p	2007	Percent 2008/2007
All manufacturing industries	454,566	447,411	446,031	1.6	0.3	2.7	479,899	460,851	447,052	448,561	2,657,192	2,509,408	5.9
Excluding transportation	401,964	395,571	392,145	1.6	0.9	2.9	422,140	407,009	394,044	384,899	2,328,341	2,156,561	8.0
Excluding defense	442,807	435,511	434,070	1.7	0.3	2.6	467,261	448,875	435,869	438,810	2,589,274	2,454,250	5.5
With unfilled orders	153,633	151,969	152,422	1.1	-0.3	1.3	167,385	154,443	151,526	162,468	916,724	893,183	2.6
Durable goods industries	212,234	211,049	213,591	0.6	-1.2	1.8	230,147	215,193	213,520	232,417	1,283,205	1,286,290	-0.2
Wood products.....	8,216	8,066	8,114	1.9	-0.6	0.4	9,106	8,464	8,340	9,629	48,463	50,649	-4.3
Nonmetallic mineral products.....	9,373	9,254	9,243	1.3	0.1	0.8	10,056	9,805	9,623	10,675	55,136	60,506	-8.9
Primary metals.....	22,898	22,291	21,978	2.7	1.4	3.0	24,313	23,487	23,298	21,283	134,989	123,331	9.5
Iron and steel mills.....	12,153	11,547	11,161	5.2	3.5	6.9	12,924	12,144	11,956	9,991	68,430	59,080	15.8
Aluminum and nonferrous metals.....	8,925	8,889	9,040	0.4	-1.7	-1.0	9,388	9,362	9,466	9,423	55,529	53,977	2.9
Ferrous metal foundries.....	1,820	1,855	1,777	-1.9	4.4	-0.2	2,001	1,981	1,876	1,869	11,030	10,274	7.4
Fabricated metal products.....	27,881	27,691	27,803	0.7	-0.4	2.0	29,520	28,841	28,535	28,855	165,637	163,601	1.2
Machinery.....	29,570	28,837	28,816	2.5	0.1	-0.8	31,960	29,615	30,316	30,112	177,952	165,884	7.3
Farm machinery.....	2,193	2,278	2,221	-3.7	2.6	3.9	2,205	2,658	3,014	1,894	14,732	12,476	18.1
Construction machinery.....	2,204	2,277	2,355	-3.2	-3.3	4.0	2,370	2,532	2,569	2,424	14,383	13,054	10.2
Mining, oil field, and gas field machinery.....	1,567	1,528	1,502	2.6	1.7	5.0	1,692	1,475	1,467	1,509	9,025	8,475	6.5
Industrial machinery.....	2,988	3,094	3,071	-3.4	0.7	-1.8	3,182	2,650	3,102	3,638	18,107	19,308	-6.2
Photographic equipment.....	503	543	570	-7.4	-4.7	2.3	524	537	550	623	3,135	3,760	-16.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,957	3,846	3,890	2.9	-1.1	-8.9	4,831	3,961	3,676	4,393	24,457	21,389	14.3
Metalworking machinery.....	2,310	2,453	2,516	-5.8	-2.5	7.7	2,470	2,422	2,379	2,470	14,421	13,605	6.0
Turbines, generators, and other power transmission equipment.....	4,456	3,901	3,715	14.2	5.0	3.6	4,555	4,102	4,104	3,835	23,274	20,175	15.4
Material handling equipment.....	2,798	2,507	2,494	11.6	0.5	-14.0	3,119	2,421	2,407	2,556	16,162	13,770	17.4
Computers and electronic products.....	31,200	32,417	33,333	-3.8	-2.7	5.9	35,231	30,431	30,524	36,258	191,387	190,500	0.5
Computers.....	3,044	3,204	2,975	-5.0	7.7	-10.0	3,342	2,796	2,748	3,799	18,755	19,892	-5.7
Computer storage devices.....	664	657	704	1.1	-6.7	-2.4	1,112	531	371	1,279	4,004	3,923	2.1
Other peripheral equipment.....	1,465	1,457	1,491	0.5	-2.3	7.3	1,739	1,330	1,130	1,657	8,103	7,670	5.6
Nondefense communications equipment.....	5,386	5,151	4,909	4.6	4.9	-3.9	6,548	4,759	4,157	6,187	29,913	29,965	-0.2
Defense communications equipment.....	631	642	630	-1.7	1.9	-8.8	620	664	635	490	3,861	3,139	23.0
Audio and video equipment.....	681	724	776	-5.9	-6.7	15.5	600	629	638	709	3,870	4,318	-11.8
Semiconductors.....	4,021	4,699	5,974	-14.4	-21.3	35.3	3,759	4,574	6,408	4,824	30,554	33,439	-8.6
Electronic components.....	4,021	4,006	4,095	0.4	-2.2	1.4	4,490	3,808	3,722	4,582	23,945	24,179	-1.0
Nondefense search and navigation equipment.....	989	958	949	3.2	0.9	-0.5	1,087	974	896	1,084	5,940	5,819	2.1
Defense search and navigation equipment.....	2,786	2,965	2,701	-6.0	9.8	-0.7	2,888	2,993	2,626	2,640	16,422	15,588	5.4
Electromedical, measuring, and control instruments.....	6,946	7,380	7,563	-5.9	-2.4	9.4	8,491	6,866	6,710	8,499	43,022	39,557	8.8
Electrical equipment, appliances, and components.....	10,634	10,693	10,657	-0.6	0.3	1.1	11,384	10,926	10,597	11,343	63,587	63,111	0.8
Electric lighting equipment.....	1,009	1,024	1,027	-1.5	-0.3	1.4	1,076	1,021	1,020	1,217	6,103	6,842	-10.8
Household appliances.....	1,898	1,960	1,970	-3.2	-0.5	1.1	2,055	2,014	1,936	2,175	11,349	11,770	-3.6
Electrical equipment.....	3,561	3,504	3,501	1.6	0.1	0.6	3,973	3,554	3,434	3,830	21,476	20,582	4.3
Batteries.....	807	829	837	-2.7	-1.0	6.2	794	801	801	636	4,563	3,742	21.9
Transportation equipment.....	52,602	51,840	53,886	1.5	-3.8	0.9	57,579	53,842	53,008	63,662	328,851	352,847	-6.8
Automobiles.....	6,731	6,621	6,706	1.7	-1.3	-2.1	7,257	6,940	6,729	8,789	43,907	49,753	-11.8
Light trucks and utility vehicles.....	8,329	8,194	8,835	1.6	-7.3	-4.5	9,177	8,586	8,604	13,396	56,466	70,776	-20.2
Heavy duty trucks.....	1,335	1,433	1,609	-6.8	-10.9	6.9	1,368	1,498	1,610	1,431	8,792	10,511	-16.4
Motor vehicle bodies, parts, and trailers.....	16,403	16,012	16,347	2.4	-2.0	-3.6	17,368	16,988	17,312	20,064	103,592	119,088	-13.0
Nondefense aircraft and parts.....	8,236	8,208	8,647	0.3	-5.1	9.3	9,931	8,196	7,901	10,103	50,327	48,541	3.7
Defense aircraft and parts.....	4,612	4,505	4,628	2.4	-2.7	2.8	5,197	4,444	4,127	3,523	25,877	18,970	36.4
Ships and boats.....	2,443	2,361	2,317	3.5	1.9	-0.2	2,611	2,595	2,374	2,342	14,547	13,374	8.8
Furniture and related products.....	6,614	6,528	6,513	1.3	0.2	0.5	6,722	6,561	6,408	6,990	38,811	40,860	-5.0
Miscellaneous durable goods.....	13,246	13,432	13,248	-1.4	1.4	2.0	14,096	13,221	12,871	13,610	78,392	75,001	4.5
Nondurable goods industries.....	242,332	236,362	232,440	2.5	1.7	3.5	249,752	245,658	233,532	216,144	1,373,987	1,223,118	12.3
Food products.....	51,324	50,960	51,119	0.7	-0.3	2.7	51,442	51,046	49,055	47,887	298,548	275,802	8.2
Grain and oilseed milling.....	6,142	5,953	5,790	3.2	2.8	-0.3	5,941	5,759	5,526	4,749	34,259	28,457	20.4
Dairy products.....	7,231	7,290	7,467	-0.8	-2.4	2.4	7,292	7,431	7,082	7,357	43,712	40,083	9.1
Meat, poultry, and seafood products.....	15,440	15,163	15,457	1.8	-1.9	4.3	16,128	15,594	15,088	15,149	89,903	85,608	5.0
Beverage and tobacco products.....	11,545	11,632	11,454	-0.7	1.6	1.5	12,040	12,612	11,316	11,779	67,342	64,277	4.8
Beverages.....	7,696	7,752	7,697	-0.7	0.7	-0.9	8,191	8,732	7,559	7,954	45,704	43,145	5.9
Tobacco.....	3,849	3,880	3,757	-0.8	3.3	6.7	3,849	3,880	3,757	3,825	21,638	21,132	2.4
Textile mills.....	2,806	2,809	2,875	-0.1	-2.3	-0.7	2,979	2,873	2,936	3,233	17,447	18,760	-7.0
Textile products.....	2,345	2,366	2,356	-0.9	0.4	0.5	2,528	2,432	2,375	2,794	14,200	15,548	-8.7
Apparel.....	2,650	2,643	2,601	0.3	1.6	0.5	2,595	2,572	2,494	2,299	15,156	14,096	7.5
Leather and allied products.....	465	487	512	-4.5	-4.9	4.9	472	445	486	546	2,865	3,103	-7.7
Paper products.....	14,216	14,133	14,362	0.6	-1.6	0.3	14,736	14,397	14,303	14,458	86,015	83,777	2.7
Pulp, paper, and paperboard mills.....	6,787	6,842	6,994	-0.8	-2.2	2.2	6,955	6,893	6,964	6,967	41,538	40,253	3.2
Paperboard containers.....	4,078	4,015	4,090	1.6	-1.8	-0.4	4,203	4,100	4,070	4,052	24,289	23,689	2.5
Printing.....	8,266	8,236	8,464	0.4	-2.7	1.9	8,155	8,059	8,297	8,373	48,443	49,296	-1.7
Petroleum and coal products.....	70,391	66,612	63,112	5.7	5.5	8.1	73,283	71,672	63,344	49,061	363,542	260,776	39.4
Petroleum refineries.....	67,454	63,882	60,454	5.6	5.7	8.1	69,888	68,708	60,673	46,054	348,077	245,570	41.7
Chemical products.....	60,302	58,683	58,032	2.8	1.1	2.2	62,281	60,736	60,650	57,110	352,808	331,786	6.3
Pesticides, fertilizers, and other agricultural chemicals.....	3,826	3,443	3,186	11.1	8.1	-0.5	4,189	4,696	4,824	2,861	23,848	18,420	29.5
Pharmaceuticals and medicines.....	14,423	14,202	14,504	1.6	-2.1	2.5	14,115	14,072	14,833	14,485	85,598	90,473	-5.4
Paints, coatings, and adhesives.....	2,773	2,792	2,849	-0.7	-2.0	3.0	3,003	3,069	3,033	3,077	17,095	16,999	0.6
Plastics and rubber products.....	18,022	17,801	17,553	1.2	1.4	0.6	19,241	18,814	18,276	18,604	107,621	105,897	1.6

^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			
	June 2008 ^p	May 2008 ^r	Apr. 2008	May - June	Apr. - May	Mar. - Apr.	June 2008 ^p	May 2008 ^r	Apr. 2008	June 2007	2008 ^p	2007	Percent 2008/2007
All manufacturing industries ²	457,630	450,033	445,915	1.7	0.9	1.3	477,847	458,808	444,663	447,502	2,674,094	2,528,040	5.8
Excluding transportation ²	402,318	393,181	390,058	2.3	0.8	2.8	418,869	403,458	392,839	375,891	2,321,249	2,138,721	8.5
Excluding defense ²	443,275	437,322	434,754	1.4	0.6	1.4	463,231	448,662	436,035	439,420	2,601,724	2,475,496	5.1
With unfilled orders ²	160,718	159,290	158,280	0.9	0.6	-1.5	169,092	156,974	155,545	166,233	964,180	945,254	2.0
Durable goods industries ²	215,298	213,671	213,475	0.8	0.1	-1.0	228,095	213,150	211,131	231,358	1,300,107	1,304,922	-0.4
Primary metals.....	23,147	22,008	22,408	5.2	-1.8	2.5	23,891	22,781	23,909	19,417	137,275	123,618	11.0
Iron and steel mills.....	12,206	11,358	11,603	7.5	-2.1	6.6	12,460	11,807	12,486	8,423	70,360	59,308	18.6
Aluminum and nonferrous metals.....	9,146	8,847	9,000	3.4	-1.7	-2.2	9,517	9,045	9,526	9,225	55,873	53,947	3.6
Ferrous metal foundries.....	1,795	1,803	1,805	-0.4	-0.1	2.0	1,914	1,929	1,897	1,769	11,042	10,363	6.6
Fabricated metal products.....	28,190	27,771	27,694	1.5	0.3	-2.4	29,035	29,618	28,901	28,472	170,259	167,788	1.5
Machinery.....	31,536	30,748	32,006	2.6	-3.9	4.8	32,319	30,739	34,178	29,099	189,213	170,489	11.0
Construction machinery.....	2,318	2,951	2,896	-21.5	1.9	-24.4	2,076	2,920	3,149	2,068	17,531	13,494	29.9
Mining, oil field, and gas field machinery.....	2,231	1,971	2,170	13.2	-9.2	49.0	2,269	1,964	2,109	1,334	10,999	7,918	38.9
Industrial machinery.....	2,957	3,061	3,339	-3.4	-8.3	6.2	2,758	2,408	3,857	3,155	19,410	21,096	-8.0
Photographic equipment.....	505	572	566	-11.7	1.1	13.7	508	542	565	623	3,330	3,744	-11.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,876	4,468	4,991	9.1	-10.5	36.3	5,554	4,659	4,932	4,354	26,228	22,700	15.5
Metalworking machinery.....	2,409	2,615	2,854	-7.9	-8.4	18.3	2,438	2,554	2,787	2,376	15,267	14,059	8.6
Turbines, generators, and other power transmission equipment.....	4,455	3,932	3,714	13.3	5.9	-11.1	4,450	4,141	4,049	3,632	24,165	19,800	22.0
Material handling equipment.....	2,728	2,300	2,445	18.6	-5.9	-11.9	3,066	2,045	2,302	3,054	16,198	14,515	11.6
Computers and electronic products ²	27,933	28,093	27,330	-0.6	2.8	-2.0	31,603	25,172	23,812	30,448	163,101	159,080	2.5
Computers.....	3,246	3,409	2,857	-4.8	19.3	-19.1	3,544	3,001	2,630	3,903	18,851	19,881	-5.2
Nondefense communications equipment.....	4,763	5,085	5,005	-6.3	1.6	0.3	5,342	4,773	4,601	5,477	29,937	31,024	-3.5
Defense communications equipment.....	1,064	987	784	7.8	25.9	-4.6	1,350	672	549	696	4,779	2,873	66.3
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	4,111	3,911	4,055	5.1	-3.6	-5.2	4,560	3,689	3,665	4,354	24,454	24,280	0.7
Nondefense search and navigation equipment.....	1,384	1,071	1,060	29.2	1.0	41.9	1,401	982	949	904	6,449	6,076	6.1
Defense search and navigation equipment.....	2,724	2,944	2,690	-7.5	9.4	-2.8	2,653	2,373	2,274	2,347	16,301	15,125	7.8
Electromedical, measuring, and control instruments.....	7,265	7,274	7,342	-0.1	-0.9	-1.1	8,747	6,685	6,522	8,614	43,355	40,899	6.0
Electrical equipment, appliances, and components.....	11,590	11,078	10,956	4.6	1.1	18.1	12,051	11,379	10,987	11,244	66,197	65,931	0.4
Electric lighting equipment.....	1,201	983	1,082	22.2	-9.1	7.6	1,313	1,010	1,144	1,456	6,621	7,510	-11.8
Household appliances.....	1,940	1,918	2,030	1.1	-5.5	-1.2	1,980	1,992	1,961	1,885	11,455	11,894	-3.7
Electrical equipment.....	4,110	3,646	3,572	12.7	2.1	47.7	4,403	3,693	3,618	4,085	22,915	22,494	1.9
Transportation equipment.....	55,312	56,852	55,857	-2.7	1.8	-8.3	58,978	55,350	51,824	71,611	352,845	389,319	-9.4
Motor vehicle bodies, parts, and trailers.....	16,305	15,935	16,298	2.3	-2.2	-4.2	16,932	16,688	17,285	19,519	102,225	118,350	-13.6
Nondefense aircraft and parts.....	9,582	12,783	12,058	-25.0	6.0	-24.6	10,784	11,181	9,351	19,064	73,369	83,978	-12.6
Defense aircraft and parts.....	4,742	5,174	4,510	-8.3	14.7	-2.8	5,067	4,626	3,606	3,220	27,528	15,423	78.5
Ships and boats.....	2,923	1,913	2,117	52.8	-9.6	-17.5	2,870	1,710	1,784	1,836	14,972	14,781	1.3
Furniture and related products.....	6,710	6,492	6,576	3.4	-1.3	-1.2	6,915	6,744	6,643	6,951	39,778	42,018	-5.3
Nondurable goods industries.....	242,332	236,362	232,440	2.5	1.7	3.5	249,752	245,658	233,532	216,144	1,373,987	1,223,118	12.3

^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(07), "Manufacturers' Shipments, Inventories, and Orders: 2004-2007."

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				Percent Change June 08/07
	Monthly			Percent Change			Monthly				
	June 2008 ^P	May 2008 ^r	Apr. 2008	May - June	Apr. - May	Mar. - Apr.	June 2008 ^P	May 2008 ^r	Apr. 2008	June 2007	
All manufacturing industries ¹	817,378	810,293	802,972	0.9	0.9	0.7	819,272	817,565	815,034	709,949	15.4
Excluding transportation ¹	356,380	352,005	349,696	1.2	0.7	1.1	358,483	357,995	356,972	325,038	10.3
Excluding defense ¹	662,116	657,627	651,117	0.7	1.0	1.0	663,511	663,782	659,421	565,914	17.2
Durable goods industries ¹	817,378	810,293	802,972	0.9	0.9	0.7	819,272	817,565	815,034	709,949	15.4
Primary metals.....	29,260	29,011	29,294	0.9	-1.0	1.5	29,549	29,971	30,677	27,232	8.5
Iron and steel mills.....	18,151	18,098	18,287	0.3	-1.0	2.5	18,380	18,844	19,181	16,398	12.1
Aluminum and nonferrous metals.....	8,171	7,950	7,992	2.8	-0.5	-0.5	8,221	8,092	8,409	7,772	5.8
Ferrous metal foundries.....	2,938	2,963	3,015	-0.8	-1.7	0.9	2,948	3,035	3,087	3,062	-3.7
Fabricated metal products.....	62,776	62,467	62,387	0.5	0.1	-0.2	64,041	64,526	63,749	59,436	7.7
Machinery.....	101,449	99,483	97,572	2.0	2.0	3.4	101,648	101,289	100,165	82,989	22.5
Construction machinery.....	13,954	13,840	13,166	0.8	5.1	4.3	14,224	14,518	14,130	11,201	27.0
Mining, oil field, and gas field machinery.....	6,843	6,179	5,736	10.7	7.7	13.2	6,805	6,228	5,739	3,724	82.7
Industrial machinery.....	16,219	16,250	16,283	-0.2	-0.2	1.7	16,214	16,638	16,880	14,795	9.6
Photographic equipment.....	1,693	1,691	1,662	0.1	1.7	-0.2	1,701	1,717	1,712	1,604	6.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	15,372	14,453	13,831	6.4	4.5	8.6	15,269	14,546	13,848	9,894	54.3
Metalworking machinery.....	8,507	8,408	8,246	1.2	2.0	4.3	8,525	8,557	8,425	6,806	25.3
Turbines, generators, and other power transmission equipment.....	14,355	14,356	14,325	0.0	0.2	0.0	14,419	14,524	14,485	12,599	14.4
Material handling equipment.....	9,780	9,850	10,057	-0.7	-2.1	-0.5	9,942	9,995	10,371	9,493	4.7
Computers and electronic products ¹	124,054	123,300	122,925	0.6	0.3	0.0	124,035	123,904	124,589	116,772	6.2
Computers.....	3,813	3,611	3,406	5.6	6.0	-3.3	3,813	3,611	3,406	3,474	9.8
Nondefense communications equipment.....	28,572	29,195	29,261	-2.1	-0.2	0.3	28,751	29,957	29,943	29,334	-2.0
Defense communications equipment.....	8,596	8,163	7,818	5.3	4.4	2.0	8,608	7,878	7,870	6,509	32.2
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,790	10,700	10,795	0.8	-0.9	-0.4	10,765	10,695	10,814	10,101	6.6
Nondefense search and navigation equipment.....	7,170	6,775	6,662	5.8	1.7	1.7	7,110	6,796	6,788	5,808	22.4
Defense search and navigation equipment.....	37,108	37,170	37,191	-0.2	-0.1	0.0	37,080	37,315	37,935	35,457	4.6
Electromedical, measuring, and control instruments.....	28,005	27,686	27,792	1.2	-0.4	-0.8	27,908	27,652	27,833	26,089	7.0
Electrical equipment, appliances, and components.....	25,626	24,670	24,285	3.9	1.6	1.2	25,674	25,007	24,554	24,670	4.1
Electric lighting equipment.....	2,747	2,555	2,596	7.5	-1.6	2.2	2,874	2,637	2,648	2,662	8.0
Household appliances.....	792	750	792	5.6	-5.3	8.2	678	753	775	634	6.9
Electrical equipment.....	16,168	15,619	15,477	3.5	0.9	0.5	16,168	15,738	15,599	14,947	8.2
Transportation equipment.....	460,998	458,288	453,276	0.6	1.1	0.4	460,789	459,570	458,062	384,911	19.7
Motor vehicle bodies, parts, and trailers.....	17,457	17,555	17,632	-0.6	-0.4	-0.3	17,198	17,634	17,934	19,695	-12.7
Nondefense aircraft and parts.....	304,044	302,698	298,123	0.4	1.5	1.2	303,657	302,804	299,819	232,695	30.5
Defense aircraft and parts.....	44,576	44,446	43,777	0.3	1.5	-0.3	44,953	45,083	44,901	38,600	16.5
Ships and boats.....	20,424	19,944	20,392	2.4	-2.2	-1.0	20,428	20,169	21,054	20,969	-2.6
Furniture and related products.....	7,410	7,314	7,350	1.3	-0.5	0.9	7,731	7,538	7,355	7,825	-1.2

^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				Percent Change June 08/07
	Monthly			Percent Change			Monthly				
	June 2008 ^p	May 2008 ^r	Apr. 2008	May - June	Apr. - May	Mar. - Apr.	June 2008 ^p	May 2008 ^r	Apr. 2008	June 2007	
All manufacturing industries	554,338	548,825	545,633	1.0	0.6	0.0	552,368	553,028	548,589	515,930	7.1
Excluding transportation	467,210	462,465	460,037	1.0	0.5	-0.2	465,888	465,743	462,301	439,599	6.0
Excluding defense	529,831	524,311	521,129	1.1	0.6	-0.1	527,811	528,375	523,962	494,145	6.8
With unfilled orders	265,865	264,517	262,913	0.5	0.6	0.8	264,398	267,117	264,796	246,443	7.3
Durable goods industries	332,156	330,426	328,911	0.5	0.5	0.6	329,941	333,452	331,151	311,505	5.9
Wood products.....	10,265	10,275	10,311	-0.1	-0.3	-1.8	10,081	10,129	10,201	11,342	-11.1
Nonmetallic mineral products.....	11,884	11,913	12,019	-0.2	-0.9	0.4	11,964	12,190	12,321	11,657	2.6
Primary metals.....	33,449	32,971	32,282	1.4	2.1	1.9	33,459	33,112	32,339	31,237	7.1
Iron and steel mills.....	18,404	18,090	17,607	1.7	2.7	2.5	18,425	18,054	17,471	17,193	7.2
Aluminum and nonferrous metals.....	12,443	12,318	12,137	1.0	1.5	1.6	12,439	12,447	12,271	11,500	8.2
Ferrous metal foundries.....	2,602	2,563	2,538	1.5	1.0	-0.9	2,595	2,611	2,597	2,544	2.0
Fabricated metal products.....	43,203	42,976	42,860	0.5	0.3	1.0	43,211	43,354	43,363	41,793	3.4
Machinery.....	53,793	53,562	53,407	0.4	0.3	-0.3	53,242	54,053	53,942	50,383	5.7
Farm machinery.....	3,050	3,040	3,012	0.3	0.9	1.8	2,998	3,059	3,091	2,396	25.1
Construction machinery.....	5,547	5,520	5,476	0.5	0.8	1.6	5,564	5,591	5,575	5,111	8.9
Mining, oil field, and gas field machinery.....	4,230	4,267	4,274	-0.9	-0.2	0.4	4,261	4,370	4,320	4,048	5.3
Industrial machinery.....	6,767	6,763	6,745	0.1	0.3	1.5	6,870	6,900	6,698	6,763	1.6
Photographic equipment.....	1,372	1,314	1,255	4.4	4.7	-0.7	1,372	1,335	1,272	1,557	-11.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,809	4,829	4,826	-0.4	0.1	-1.8	4,718	5,068	5,051	4,702	0.3
Metalworking machinery.....	5,277	5,200	5,181	1.5	0.4	-0.6	5,177	5,193	5,171	4,667	10.9
Turbines, generators, and other power transmission equipment.....	6,034	5,977	5,998	1.0	-0.4	-4.0	5,812	5,909	5,964	5,254	10.6
Material handling equipment.....	3,483	3,417	3,377	1.9	1.2	1.5	3,454	3,420	3,420	3,000	15.1
Computers and electronic products	46,158	46,388	46,363	-0.5	0.1	0.7	45,266	46,892	46,280	43,906	3.1
Computers.....	1,367	1,453	1,458	-5.9	-0.3	-4.2	1,365	1,479	1,365	1,487	-8.2
Computer storage devices.....	1,645	1,642	1,669	0.2	-1.6	-0.5	1,522	1,742	1,710	1,111	37.0
Other peripheral equipment.....	2,071	2,065	2,051	0.3	0.7	-0.2	1,998	2,130	2,074	1,898	5.3
Nondefense communications equipment.....	8,294	8,425	8,465	-1.6	-0.5	0.6	7,863	8,478	8,426	7,234	8.7
Defense communications equipment.....	1,400	1,472	1,468	-4.9	0.3	8.3	1,400	1,472	1,468	1,042	34.4
Audio and video equipment.....	965	979	971	-1.4	0.8	-2.2	910	917	843	816	11.5
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,539	6,615	6,582	-1.1	0.5	-1.0	6,479	6,677	6,623	6,219	4.2
Nondefense search and navigation equipment.....	4,754	4,763	4,756	-0.2	0.1	0.9	4,773	4,801	4,757	4,218	13.2
Defense search and navigation equipment.....	3,469	3,439	3,379	0.9	1.8	-0.2	3,461	3,493	3,440	3,215	7.7
Electromedical, measuring and control instruments.....	10,411	10,406	10,482	0.0	-0.7	1.4	10,210	10,539	10,486	11,050	-7.6
Electrical equipment, appliances, and components.....	15,278	15,122	15,285	1.0	-1.1	1.1	15,201	15,375	15,602	14,184	7.2
Electric lighting equipment.....	1,791	1,788	1,787	0.2	0.1	5.4	1,835	1,841	1,833	1,718	6.8
Household appliances.....	1,995	1,959	1,974	1.8	-0.8	-1.8	1,975	2,022	2,057	1,914	3.2
Electrical equipment.....	5,264	5,251	5,240	0.2	0.2	-0.3	5,135	5,284	5,324	4,733	8.5
Batteries.....	809	806	804	0.4	0.2	2.8	806	827	821	634	27.1
Transportation equipment.....	87,128	86,360	85,596	0.9	0.9	0.9	86,480	87,285	86,288	76,331	13.3
Automobiles.....	2,475	2,487	2,432	-0.5	2.3	-10.7	2,344	2,502	2,397	2,454	-4.5
Light trucks and utility vehicles.....	2,921	2,812	2,912	3.9	-3.4	-1.9	2,892	2,865	3,009	3,398	-14.9
Heavy duty trucks.....	1,583	1,521	1,533	4.1	-0.8	7.1	1,593	1,519	1,516	1,416	12.5
Motor vehicle bodies, parts, and trailers.....	16,834	16,833	16,843	0.0	-0.1	-0.4	16,636	16,964	17,110	17,500	-4.9
Nondefense aircraft and parts.....	37,475	37,078	36,356	1.1	2.0	1.6	37,276	37,643	37,561	29,152	27.9
Defense aircraft and parts.....	14,508	14,251	13,976	1.8	2.0	1.5	14,598	14,316	14,012	12,513	16.7
Ships and boats.....	2,843	2,910	3,125	-2.3	-6.9	3.0	2,821	2,852	3,142	2,976	-5.2
Furniture and related products.....	7,877	7,946	7,903	-0.9	0.5	-1.1	8,086	8,096	7,893	8,421	-4.0
Miscellaneous durable goods.....	23,121	22,913	22,885	0.9	0.1	-0.2	22,951	22,966	22,922	22,251	3.1
Nondurable goods industries.....	222,182	218,399	216,722	1.7	0.8	-0.9	222,427	219,576	217,438	204,425	8.8
Food products.....	38,089	37,822	37,564	0.7	0.7	0.4	36,911	36,619	36,650	34,714	6.3
Grain and oilseed milling.....	5,271	5,197	5,082	1.4	2.3	1.6	5,074	4,939	4,968	4,359	16.4
Dairy products.....	4,462	4,471	4,469	-0.2	0.0	0.3	4,619	4,630	4,576	4,813	-4.0
Meat, poultry, and seafood products.....	7,711	7,635	7,519	1.0	1.5	0.6	7,585	7,625	7,525	6,820	11.2
Beverage and tobacco products.....	15,104	15,141	15,193	-0.2	-0.3	0.4	14,621	14,931	15,222	14,595	0.2
Beverages.....	11,297	11,306	11,348	-0.1	-0.4	0.3	10,961	11,171	11,371	10,774	1.7
Tobacco.....	3,807	3,835	3,845	-0.7	-0.3	0.6	3,660	3,660	3,851	3,821	-4.2
Textile mills.....	3,570	3,645	3,710	-2.1	-1.8	-1.0	3,568	3,711	3,709	3,840	-7.1
Textile products.....	3,216	3,250	3,322	-1.0	-2.2	-0.8	3,249	3,304	3,324	3,418	-4.9
Apparel.....	4,523	4,485	4,444	0.8	0.9	0.4	4,634	4,640	4,367	4,369	6.1
Leather and allied products.....	1,001	1,015	1,034	-1.4	-1.8	-0.4	1,005	1,010	1,012	1,071	-6.2
Paper products.....	15,512	15,412	15,334	0.6	0.5	0.3	15,443	15,558	15,492	14,874	3.8
Pulp, paper, and paperboard mills.....	6,931	6,848	6,708	1.2	2.1	0.5	6,863	6,934	6,790	6,580	4.3
Paperboard containers.....	4,194	4,207	4,272	-0.3	-1.5	0.4	4,187	4,238	4,294	4,095	2.2
Printing.....	6,818	6,915	6,855	-1.4	0.9	-0.6	6,827	6,812	6,752	6,696	2.0
Petroleum and coal products.....	43,868	40,191	39,134	9.1	2.7	-5.9	45,484	41,917	40,046	33,972	33.9
Petroleum refineries.....	41,528	37,908	36,813	9.5	3.0	-6.4	43,063	39,559	37,682	31,275	37.7
Chemical products.....	68,124	68,311	67,950	-0.3	0.5	0.3	68,543	68,830	68,218	65,972	3.9
Pesticides, fertilizers, and other agricultural chemicals.....	3,108	3,239	3,140	-4.0	3.2	2.6	2,900	3,203	3,255	2,628	10.4
Pharmaceuticals and medicines.....	23,729	23,838	23,730	-0.5	0.5	-0.1	24,294	23,906	23,593	24,359	-0.3
Paints, coatings, and adhesives.....	3,158	3,179	3,199	-0.7	-0.6	-0.5	3,233	3,245	3,281	3,115	3.8
Plastics and rubber products.....	22,357	22,212	22,182	0.7	0.1	0.4	22,142	22,424	22,646	20,904	5.9

^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 2008/ 2007
	Monthly			Percent Change			Monthly			Year to date			
	June 2008 ^p	May 2008 ^r	Apr. 2008	May - June	Apr. - May	Mar. - Apr.	June 2008 ^p	May 2008 ^r	Apr. 2008	June 2007	2008 ^p	2007	
SHIPMENTS													
All manufacturing industries	454,566	447,411	446,031	1.6	0.3	2.7	479,899	460,851	447,052	448,561	2,657,192	2,509,408	5.9
Construction materials and supplies.....	44,161	43,595	43,634	1.3	-0.1	0.4	48,403	45,824	44,572	48,893	261,218	267,076	-2.2
Information technology.....	27,020	27,631	27,156	-2.2	1.7	1.0	30,992	26,122	24,350	30,960	160,119	156,817	2.1
Computers and related products	5,173	5,318	5,170	-2.7	2.9	-4.5	6,193	4,657	4,249	6,735	30,862	31,485	-2.0
Motor vehicle and parts.....	32,798	32,260	33,497	1.7	-3.7	-3.1	35,170	34,012	34,255	43,680	212,757	250,128	-14.9
Capital goods.....	77,096	76,753	77,135	0.4	-0.5	2.4	85,174	76,346	74,670	82,230	458,986	438,465	4.7
Nondefense capital goods ³	68,010	67,712	67,879	0.4	-0.2	1.8	75,672	67,187	65,825	74,395	406,295	393,174	3.3
Excluding aircraft.....	63,691	63,260	63,121	0.7	0.2	1.0	70,354	62,463	61,648	68,536	379,137	366,117	3.6
Defense capital goods ⁴	9,086	9,041	9,256	0.5	-2.3	6.9	9,502	9,159	8,845	7,835	52,691	45,291	16.3
Consumer goods.....	191,804	187,681	185,308	2.2	1.3	3.5	197,101	194,525	183,419	175,812	1,091,658	988,801	10.4
Consumer durable goods.....	30,030	30,067	30,690	-0.1	-2.0	-1.1	32,005	30,947	30,498	38,311	190,074	212,466	-10.5
Consumer nondurable goods.....	161,774	157,614	154,618	2.6	1.9	4.5	165,096	163,578	152,921	137,501	901,584	776,335	16.1
NEW ORDERS													
All manufacturing industries ⁵	457,630	450,033	445,915	1.7	0.9	1.3	477,847	458,808	444,663	447,502	2,674,094	2,528,040	5.8
Construction materials and supplies.....	45,397	43,947	44,629	3.3	-1.5	2.5	49,021	46,955	46,360	48,963	266,433	271,788	-2.0
Information technology.....	27,859	28,456	27,276	-2.1	4.3	0.6	31,112	25,908	24,175	29,899	162,620	158,835	2.4
Computers and related products	5,375	5,523	5,052	-2.7	9.3	-10.5	6,395	4,862	4,131	6,839	30,958	31,474	-1.6
Motor vehicle and parts.....	32,700	32,183	33,448	1.6	-3.8	-3.4	34,734	33,712	34,228	43,135	211,390	249,390	-15.2
Capital goods.....	82,623	83,427	82,188	-1.0	1.5	-1.9	87,764	78,580	77,200	88,137	497,409	482,987	3.0
Nondefense capital goods ³	71,177	73,639	73,609	-3.3	0.0	-2.4	76,436	71,011	70,752	81,963	441,639	439,507	0.5
Excluding aircraft.....	65,758	65,001	65,174	1.2	-0.3	3.1	70,266	63,532	64,706	67,576	393,201	379,360	3.6
Defense capital goods ⁴	11,446	9,788	8,579	16.9	14.1	3.3	11,328	7,569	6,448	6,174	55,770	43,480	28.3
Consumer goods.....	191,880	187,380	185,454	2.4	1.0	3.6	196,928	194,233	183,564	175,472	1,091,128	989,514	10.3
Consumer durable goods.....	30,106	29,766	30,836	1.1	-3.5	-0.7	31,832	30,655	30,643	37,971	189,544	213,179	-11.1
Consumer nondurable goods.....	161,774	157,614	154,618	2.6	1.9	4.5	165,096	163,578	152,921	137,501	901,584	776,335	16.1
UNFILLED ORDERS													
All manufacturing industries ⁵	817,378	810,293	802,972	0.9	0.9	0.7	819,272	817,565	815,034	709,949	(X)	(X)	15.4
Construction materials and supplies.....	54,708	53,472	53,120	2.3	0.7	1.9	55,783	55,165	54,034	48,556	(X)	(X)	14.9
Information technology.....	120,876	120,037	119,212	0.7	0.7	0.1	120,925	120,805	121,019	114,702	(X)	(X)	5.4
Computers and related products	3,813	3,611	3,406	5.6	6.0	-3.3	3,813	3,611	3,406	3,474	(X)	(X)	9.8
Motor vehicle and parts.....	17,457	17,555	17,632	-0.6	-0.4	-0.3	17,198	17,634	17,934	19,695	(X)	(X)	-12.7
Capital goods.....	613,014	607,487	600,813	0.9	1.1	0.8	613,880	611,290	609,056	520,894	(X)	(X)	17.9
Nondefense capital goods ³	473,618	470,451	464,524	0.7	1.3	1.2	474,159	473,395	469,571	390,128	(X)	(X)	21.5
Excluding aircraft.....	201,837	199,770	198,029	1.0	0.9	1.0	202,848	202,936	201,867	186,265	(X)	(X)	8.9
Defense capital goods ⁴	139,396	137,036	136,289	1.7	0.5	-0.5	139,721	137,895	139,485	130,766	(X)	(X)	6.8
Consumer goods.....	8,863	8,787	9,088	0.9	-3.3	1.6	8,634	8,807	9,099	9,490	(X)	(X)	-9.0
Consumer durable goods.....	8,863	8,787	9,088	0.9	-3.3	1.6	8,634	8,807	9,099	9,490	(X)	(X)	-9.0
TOTAL INVENTORIES													
All manufacturing industries	554,338	548,825	545,633	1.0	0.6	0.0	552,368	553,028	548,589	515,930	(X)	(X)	7.1
Construction materials and supplies.....	59,437	59,358	59,445	0.1	-0.1	0.4	59,337	60,041	60,247	59,471	(X)	(X)	-0.2
Information technology.....	41,611	41,714	41,879	-0.2	-0.4	0.8	40,768	42,227	41,843	39,266	(X)	(X)	3.8
Computers and related products	5,083	5,160	5,178	-1.5	-0.3	-1.5	4,885	5,351	5,149	4,496	(X)	(X)	8.7
Motor vehicle and parts.....	23,813	23,653	23,720	0.7	-0.3	-1.3	23,465	23,850	24,032	24,768	(X)	(X)	-5.3
Capital goods.....	155,353	154,810	153,972	0.4	0.5	0.9	153,873	156,345	154,692	139,384	(X)	(X)	10.4
Nondefense capital goods ³	136,156	135,505	134,612	0.5	0.7	0.8	134,716	136,966	135,245	122,149	(X)	(X)	10.3
Excluding aircraft.....	107,026	106,683	106,620	0.3	0.1	0.4	105,751	107,777	107,162	100,310	(X)	(X)	5.4
Defense capital goods ⁴	19,197	19,305	19,360	-0.6	-0.3	1.8	19,157	19,379	19,447	17,235	(X)	(X)	11.2
Consumer goods.....	168,389	164,371	163,008	2.4	0.8	-1.8	168,533	164,856	162,842	154,630	(X)	(X)	9.0
Consumer durable goods.....	28,569	28,467	28,589	0.4	-0.4	-2.2	28,170	28,522	28,573	28,911	(X)	(X)	-2.6
Consumer nondurable goods.....	139,820	135,904	134,419	2.9	1.1	-1.7	140,363	136,334	134,269	125,719	(X)	(X)	11.6

^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 June 08/07
	June 2008 ^P	May 2008 ^f	Apr. 2008	May - June	Apr. - May	Mar. - Apr.	June 2008 ^P	May 2008 ^f	Apr. 2008	June 2007	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	190,029	188,442	187,142	0.8	0.7	0.2	189,527	188,766	187,111	179,755	5.4
Durable goods industries.....	113,229	112,275	112,097	0.8	0.2	0.5	112,053	112,002	111,752	107,784	4.0
Wood products.....	4,170	4,175	4,200	-0.1	-0.6	-2.1	3,934	3,835	3,829	4,366	-9.9
Nonmetallic mineral products.....	4,846	4,843	4,960	0.1	-2.4	1.3	4,842	4,854	4,967	4,536	6.7
Primary metals.....	12,512	12,113	12,102	3.3	0.1	4.7	12,458	11,912	11,874	11,496	8.4
Fabricated metal products.....	16,017	15,770	15,789	1.6	-0.1	1.9	15,957	15,781	15,875	15,329	4.1
Machinery.....	20,712	20,451	20,234	1.3	1.1	-0.4	20,539	20,450	20,385	19,253	6.7
Computers and electronic products.....	15,465	15,466	15,689	0.0	-1.4	-1.3	15,239	15,441	15,472	16,438	-7.3
Electrical equipment, appliances, and components.....	6,175	6,108	6,213	1.1	-1.7	2.4	6,121	6,168	6,284	5,595	9.4
Transportation equipment.....	21,954	21,929	21,656	0.1	1.3	-0.3	21,570	22,083	21,777	19,689	9.6
Furniture and related products.....	3,862	3,925	3,783	-1.6	3.8	-1.0	3,911	3,968	3,786	3,851	1.6
Miscellaneous products.....	7,516	7,495	7,471	0.3	0.3	-0.4	7,482	7,510	7,503	7,231	3.5
Nondurable goods industries.....	76,800	76,167	75,045	0.8	1.5	-0.2	77,474	76,764	75,359	71,971	7.6
Food products.....	14,408	14,182	14,014	1.6	1.2	0.0	14,085	13,832	13,936	12,762	10.4
Beverage and tobacco products.....	4,413	4,427	4,451	-0.3	-0.5	-0.7	4,312	4,400	4,438	4,497	-4.1
Textiles.....	1,166	1,157	1,179	0.8	-1.9	0.5	1,162	1,184	1,192	1,267	-8.3
Textile products.....	1,280	1,293	1,317	-1.0	-1.8	1.2	1,293	1,313	1,311	1,255	3.0
Apparel.....	1,100	1,106	1,085	-0.5	1.9	-0.5	1,097	1,099	1,079	1,057	3.8
Leather and allied products.....	370	376	389	-1.6	-3.3	-3.7	368	374	382	365	0.8
Paper products.....	7,418	7,382	7,401	0.5	-0.3	1.2	7,383	7,393	7,427	7,093	4.1
Printing.....	3,085	3,175	3,145	-2.8	1.0	-0.1	3,172	3,135	3,098	2,993	6.0
Petroleum and coal products.....	13,934	13,289	12,552	4.9	5.9	-0.5	14,806	14,050	12,917	12,301	20.4
Chemical products.....	20,657	20,940	20,756	-1.4	0.9	-0.8	20,871	21,155	20,809	19,965	4.5
Plastics and rubber products.....	8,969	8,840	8,756	1.5	1.0	0.0	8,925	8,829	8,770	8,416	6.0
WORK IN PROCESS											
All manufacturing industries.....	162,959	163,142	160,384	-0.1	1.7	0.4	161,660	164,575	161,542	143,130	12.9
Durable goods industries.....	121,689	121,109	119,869	0.5	1.0	1.4	120,818	122,546	120,893	107,256	12.6
Wood products.....	1,914	1,878	1,913	1.9	-1.8	-0.3	1,909	1,902	1,953	2,136	-10.6
Nonmetallic mineral products.....	1,319	1,308	1,333	0.8	-1.9	1.2	1,339	1,364	1,399	1,339	0.0
Primary metals.....	10,730	10,755	10,332	-0.2	4.1	1.1	10,843	10,924	10,457	10,379	4.5
Fabricated metal products.....	13,086	13,151	13,091	-0.5	0.5	-0.2	13,080	13,309	13,132	12,333	6.1
Machinery.....	14,621	14,556	14,607	0.4	-0.3	-1.5	14,612	14,894	14,790	14,093	3.7
Computers and electronic products.....	20,777	20,955	20,811	-0.8	0.7	3.8	20,394	21,328	20,898	17,837	14.3
Electrical equipment, appliances, and components.....	3,184	3,117	3,130	2.1	-0.4	-1.0	3,231	3,203	3,230	3,059	5.6
Transportation equipment.....	51,192	50,641	49,937	1.1	1.4	2.2	50,534	50,835	50,276	41,328	22.3
Furniture and related products.....	1,310	1,299	1,312	0.8	-1.0	1.2	1,326	1,313	1,313	1,348	-1.6
Miscellaneous products.....	3,556	3,449	3,403	3.1	1.4	-1.0	3,550	3,474	3,445	3,404	4.3
Nondurable goods industries.....	41,270	42,033	40,515	-1.8	3.7	-2.5	40,842	42,029	40,649	35,874	13.8
Food products.....	2,345	2,449	2,504	-4.2	-2.2	-1.1	2,070	2,176	2,337	2,340	-11.5
Beverage and tobacco products.....	4,216	4,221	4,264	-0.1	-1.0	-0.1	3,886	4,071	4,179	4,184	-7.1
Textiles.....	857	909	896	-0.7	1.5	-0.1	852	915	886	980	-13.1
Textile products.....	401	405	412	-1.0	-1.7	-2.1	404	419	420	483	-16.4
Apparel.....	665	662	650	0.5	1.8	2.5	667	668	668	705	-5.4
Leather and allied products.....	91	91	87	0.0	4.6	-5.4	88	91	90	108	-18.5
Paper products.....	1,521	1,484	1,469	2.5	1.0	-0.4	1,527	1,500	1,474	1,374	11.1
Printing.....	1,739	1,764	1,752	-1.4	0.7	-3.2	1,647	1,667	1,674	1,794	-8.2
Petroleum and coal products.....	12,440	13,132	11,920	-5.3	10.2	-8.6	12,391	13,414	12,432	8,112	52.7
Chemical products.....	14,490	14,416	14,060	0.5	2.5	1.1	14,835	14,589	13,945	13,432	10.4
Plastics and rubber products.....	2,505	2,500	2,501	0.2	0.0	1.3	2,475	2,519	2,544	2,362	4.8
FINISHED GOODS											
All manufacturing industries.....	201,350	197,241	198,107	2.1	-0.4	-0.6	201,181	199,687	199,936	193,045	4.2
Durable goods industries.....	97,238	97,042	96,945	0.2	0.1	-0.3	97,070	98,904	98,506	96,465	0.6
Wood products.....	4,181	4,222	4,198	-1.0	0.6	-2.3	4,238	4,392	4,419	4,840	-12.4
Nonmetallic mineral products.....	5,719	5,762	5,726	-0.7	0.6	-0.6	5,783	5,972	5,955	5,782	0.0
Primary metals.....	10,207	10,103	9,848	1.0	2.6	-0.6	10,158	10,276	10,008	9,362	8.5
Fabricated metal products.....	14,100	14,055	13,980	0.3	0.5	1.1	14,174	14,264	14,356	14,131	0.3
Machinery.....	18,460	18,555	18,566	-0.5	-0.1	0.8	18,091	18,709	18,767	17,037	6.2
Computers and electronic products.....	9,916	9,967	9,863	-0.5	1.1	-2.3	9,633	10,123	9,910	9,631	0.0
Electrical equipment, appliances, and components.....	5,919	5,897	5,942	0.4	-0.8	0.8	5,849	6,004	6,088	5,530	5.8
Transportation equipment.....	13,982	13,790	14,003	1.4	-1.5	-1.4	14,376	14,367	14,235	15,314	-6.1
Furniture and related products.....	2,705	2,722	2,808	-0.6	-3.1	-2.4	2,849	2,815	2,794	3,222	-11.6
Miscellaneous products.....	12,049	11,969	12,011	0.7	-0.3	0.1	11,919	11,982	11,974	11,616	2.6
Nondurable goods industries.....	104,112	100,199	101,162	3.9	-1.0	-0.8	104,111	100,783	101,430	96,580	7.8
Food products.....	21,336	21,191	21,046	0.7	0.7	0.8	20,756	20,611	20,377	19,612	5.8
Beverage and tobacco products.....	6,475	6,493	6,478	-0.3	0.2	1.5	6,423	6,460	6,605	5,914	8.6
Textiles.....	1,547	1,579	1,635	-2.0	-3.4	-2.6	1,554	1,612	1,631	1,593	-2.4
Textile products.....	1,535	1,552	1,593	-1.1	-2.6	-2.0	1,552	1,572	1,593	1,680	-7.6
Apparel.....	2,758	2,717	2,709	1.5	0.3	0.3	2,870	2,693	2,620	2,607	10.1
Leather and allied products.....	540	548	558	-1.5	-1.8	3.0	549	545	540	598	-8.2
Paper products.....	6,573	6,546	6,464	0.4	1.3	-0.6	6,533	6,665	6,591	6,407	2.0
Printing.....	1,994	1,976	1,958	0.9	0.9	0.9	2,008	2,010	1,980	1,909	5.2
Petroleum and coal products.....	17,494	13,770	14,662	27.0	-6.1	-7.9	18,287	14,453	14,697	13,559	34.9
Chemical products.....	32,977	32,955	33,134	0.1	-0.5	0.7	32,837	33,086	33,464	32,575	0.8
Plastics and rubber products.....	10,883	10,872	10,925	0.1	-0.5	0.5	10,742	11,076	11,332	10,126	6.1

^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			
	Jun 2008 ^p	May 2008 ^f	Apr 2008	Mar 2008	Jun 2008 ^p	May 2008 ^f	Apr 2008	Mar 2008
All manufacturing industries ²	1.22	1.23	1.22	1.26	(X)	(X)	(X)	(X)
Durable goods industries ²	1.57	1.57	1.54	1.56	5.32	5.33	5.27	5.30
Wood products.....	1.25	1.27	1.27	1.30	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.27	1.29	1.30	1.30	(X)	(X)	(X)	(X)
Primary metals.....	1.46	1.48	1.47	1.48	1.28	1.30	1.33	1.35
Fabricated metal products.....	1.55	1.55	1.54	1.56	2.33	2.33	2.32	2.38
Machinery.....	1.82	1.86	1.85	1.84	3.79	3.83	3.75	3.58
Computers and electronic products ²	1.48	1.43	1.39	1.46	5.21	5.07	5.16	5.18
Electrical equipment, appliances, and components.....	1.44	1.41	1.43	1.43	2.61	2.50	2.47	2.46
Transportation equipment.....	1.66	1.67	1.59	1.59	12.73	12.88	12.34	12.61
Furniture and related products.....	1.19	1.22	1.21	1.23	1.27	1.27	1.28	1.28
Miscellaneous products.....	1.75	1.71	1.73	1.77	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.92	0.92	0.93	0.97	(X)	(X)	(X)	(X)
Food products.....	0.74	0.74	0.73	0.75	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.31	1.30	1.33	1.34	(X)	(X)	(X)	(X)
Textiles.....	1.27	1.30	1.29	1.30	(X)	(X)	(X)	(X)
Textile products.....	1.37	1.37	1.41	1.43	(X)	(X)	(X)	(X)
Apparel.....	1.71	1.70	1.71	1.71	(X)	(X)	(X)	(X)
Leather and allied products.....	2.15	2.08	2.02	2.13	(X)	(X)	(X)	(X)
Paper products.....	1.09	1.09	1.07	1.07	(X)	(X)	(X)	(X)
Printing.....	0.82	0.84	0.81	0.83	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.62	0.60	0.62	0.71	(X)	(X)	(X)	(X)
Chemical products.....	1.13	1.16	1.17	1.19	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.24	1.25	1.26	1.27	(X)	(X)	(X)	(X)

^p Preliminary ^f 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	
	Jun ¹ 2008	Jun ² 2007- May 2008	Jun ¹ 2008	Jun ² 2007- May 2008	Jun ¹ 2008	Jun ² 2007- May 2008	Jun ¹ 2008	Jun ² 2007- May 2008
	All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)
Durable goods industries.....	0.1	0.3	0.0	0.5	0.0	0.1	0.0	0.1
Wood products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	-0.1	0.3	0.1	0.6	0.2	0.5	0.1	0.2
Fabricated metal products.....	0.1	0.4	-0.2	0.8	0.2	0.2	-0.1	0.2
Machinery.....	0.1	0.4	0.3	1.2	0.0	0.5	-0.1	0.2
Computers and electronic products.....	0.1	0.9	-0.1	0.9	0.0	0.2	-0.1	0.2
Electrical equipment, appliances, and components.....	-0.2	0.5	-0.4	3.1	-0.4	1.3	0.1	0.5
Transportation equipment.....	0.1	0.6	-0.1	1.4	0.0	0.1	0.1	0.1
Furniture and related products.....	(X)	0.4	(X)	0.6	(X)	0.4	(X)	0.3
Miscellaneous products.....	(X)	0.5	(X)	0.7	(X)	1.0	(X)	0.2
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.1
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.5
Textile products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.2
Apparel.....	(X)	1.8	(X)	(NA)	(X)	(NA)	(X)	0.9
Leather and allied products.....	(X)	1.6	(X)	(NA)	(X)	(NA)	(X)	1.0
Paper products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	1.0
Petroleum and coal products.....	(X)	1.4	(X)	(NA)	(X)	(NA)	(X)	0.8
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Plastics and rubber products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4

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 4,300 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 59 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 61 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 4,300 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,300 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections in the data will be released in the next month's advance report. Any revisions made later than two months will be reflected in the annual benchmark publication.

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