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## Full Report on Manufacturers' Shipments, Inventories and Orders September 2007

### Summary

New orders for manufactured goods in September, up three of the last four months, increased \$0.7 billion or 0.2 percent to \$420.7 billion, the U.S. Census Bureau reported today. This followed a 3.5 percent August decrease.

Shipments, down three of the last four months, decreased \$0.2 billion to \$417.4 billion. This followed a 1.7 percent August decrease.

Unfilled orders, up twenty-eight of the last twenty-nine months, increased \$8.5 billion or 1.1 percent to \$771.6 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.2 percent August increase. The unfilled orders-to-shipments ratio was 5.19, up from 5.06 in August.

Inventories, up seven of the last eight months, increased \$2.8 billion or 0.6 percent to \$519.5 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.1 percent August decrease. The inventories-to-shipments ratio was unchanged at 1.24.

### New Orders

New orders for manufactured durable goods in September, down two consecutive months, decreased \$3.6 billion or 1.7 percent to \$214.7 billion, unchanged from the previously published decrease. This followed a 5.3 percent August decrease.

Transportation equipment, down two consecutive months, had the largest decrease, \$4.2 billion or 6.2 percent to \$62.3 billion.

New orders for manufactured nondurable goods increased \$4.3 billion or 2.1 percent to \$206.0 billion.

### Shipments

Shipments of manufactured durable goods in September, down three of the last four months, decreased \$4.5 billion or 2.1 percent to \$211.5 billion, revised from the previously published 2.0 percent decrease. This followed a 1.9 percent August decrease.

Transportation equipment, down three of the last four months, had the largest decrease, \$2.9 billion or 4.9 percent to \$56.7 billion.

Shipments of manufactured nondurable goods, up four of the last five months, increased \$4.3 billion or 2.1 percent to \$206.0 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.4 percent August decrease. Petroleum and coal products led the increase, up \$4.2 billion or 10.6 percent to \$44.2 billion.

### Unfilled Orders

Unfilled orders for manufactured durable goods in September, up twenty-eight of the last twenty-nine months, increased \$8.5 billion or 1.1 percent to \$771.6 billion, unchanged from the previously published increase. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.2 percent August increase.

Transportation equipment, up twenty consecutive months, had the largest increase, \$5.6 billion or 1.3 percent to \$446.6 billion.

### Inventories

Inventories of manufactured durable goods in September, up two of the last three months, increased \$1.2 billion or 0.4 percent to \$313.8 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 0.1 percent August decrease.

Machinery, up twenty-two of the last twenty-three months, had the largest increase, \$0.4 billion or 0.8 percent to \$51.6 billion.

Inventories of manufactured nondurable goods, up six of the last seven months, increased \$1.6 billion or 0.8 percent to \$205.6 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.1 percent August decrease. Petroleum and coal products drove the increase, up \$1.8 billion or 5.4 percent to \$35.6 billion.

By stage of fabrication, September materials and supplies decreased 0.4 percent in durable goods and increased 1.3 percent in nondurable goods. Work in process increased 0.2 percent in durable goods and 0.8 percent in nondurable goods. Finished goods increased 1.5 percent in durable goods and 0.5 percent in nondurable goods.

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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 October is scheduled for release on November 28, 2007, at 8:30 a.m. EST and the full report on December 5, 2007, at 10:00 a.m. EST. See back page for survey description.

Table 1. Value of Manufacturers' Shipments for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted <sup>1</sup>						
	Monthly			Percent Change			Monthly				Year to date		
	Sept. 2007 <sup>p</sup>	Aug. 2007 <sup>r</sup>	July 2007	Aug. - Sept.	July - Aug.	June - July	Sept. 2007 <sup>p</sup>	Aug. 2007 <sup>r</sup>	July 2007	Sept. 2006	2007 <sup>p</sup>	2006	Percent 2007/2006
All manufacturing industries .....	417,449	417,633	424,692	0.0	-1.7	2.3	425,182	437,505	396,831	418,781	3,722,101	3,730,860	-0.2
Excluding transportation .....	360,745	358,005	361,818	0.8	-1.1	1.1	367,313	373,504	351,678	359,943	3,205,772	3,214,007	-0.3
Excluding defense .....	407,803	407,501	414,296	0.1	-1.6	2.2	414,799	427,482	387,552	408,843	3,635,291	3,647,877	-0.3
With unfilled orders .....	148,699	150,674	152,992	-1.3	-1.5	3.1	155,318	155,797	136,375	155,887	1,335,364	1,313,214	1.7
Durable goods industries .....	211,466	215,919	220,095	-2.1	-1.9	4.0	218,762	224,628	192,427	221,388	1,910,398	1,907,826	0.1
Wood products.....	7,946	8,052	8,091	-1.3	-0.5	0.4	8,339	8,702	8,153	8,734	71,857	81,317	-11.6
Nonmetallic mineral products.....	9,438	9,552	9,676	-1.2	-1.3	-0.1	9,372	10,478	9,774	10,155	87,547	92,247	-5.1
Primary metals.....	20,060	20,070	20,575	0.0	-2.5	1.2	19,959	20,943	19,513	20,200	183,660	177,316	3.6
Iron and steel mills.....	9,209	9,208	9,470	0.0	-2.8	0.3	9,108	9,481	8,886	9,560	85,494	84,961	0.6
Aluminum and nonferrous metals.....	9,218	9,281	9,483	-0.7	-2.1	2.3	9,189	9,771	9,129	8,964	83,573	77,281	8.1
Ferrous metal foundries.....	1,633	1,581	1,622	3.3	-2.5	-0.4	1,662	1,691	1,498	1,676	14,593	15,074	-3.2
Fabricated metal products.....	25,852	26,484	26,671	-2.4	-0.7	2.6	26,486	28,591	25,513	26,350	236,362	231,503	2.1
Machinery.....	28,671	27,979	28,350	2.5	-1.3	2.3	28,534	27,760	26,886	28,005	249,505	247,046	1.0
Farm machinery.....	1,975	1,858	1,762	6.3	5.4	-0.2	1,664	1,702	1,720	1,319	17,263	15,433	11.9
Construction machinery.....	2,378	2,328	2,272	2.1	2.5	5.9	2,183	2,391	2,139	2,556	19,463	26,463	-26.5
Mining, oil field, and gas field machinery.....	1,285	1,326	1,319	-3.1	0.5	3.2	1,365	1,289	1,265	1,214	11,438	9,566	19.6
Industrial machinery.....	3,326	3,401	3,452	-2.2	-1.5	5.4	3,431	3,005	3,534	3,420	28,903	28,009	3.2
Photographic equipment.....	565	578	580	-2.2	-0.3	4.9	582	564	528	709	5,246	5,730	-8.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,932	3,811	4,214	3.2	-9.6	5.1	4,215	4,019	4,167	4,071	35,916	32,394	10.9
Metalworking machinery.....	2,256	2,416	2,438	-6.6	-0.9	5.4	2,382	2,535	2,212	2,520	21,050	21,495	-2.1
Turbines, generators, and other power transmission equipment.....	4,106	3,360	3,516	22.2	-4.4	-4.5	4,033	3,404	3,215	3,690	30,819	31,429	-1.9
Material handling equipment.....	2,314	2,367	2,325	-2.2	1.8	-0.1	2,338	2,511	2,140	2,214	20,821	18,978	9.7
Computers and electronic products.....	32,201	33,137	32,915	-2.8	0.7	2.6	36,430	32,259	28,665	37,054	291,060	291,931	-0.3
Computers.....	3,312	3,210	2,454	3.2	30.8	-27.3	3,748	3,140	2,598	3,610	29,281	32,001	-8.5
Computer storage devices.....	588	638	637	-7.8	0.2	7.2	926	524	356	1,001	5,202	5,900	-11.8
Other peripheral equipment.....	1,507	1,487	1,510	1.3	-1.5	4.2	1,808	1,444	1,171	1,776	12,579	12,254	2.7
Nondefense communications equipment.....	5,235	5,180	5,059	1.1	2.4	1.0	6,293	4,774	4,061	6,147	44,023	44,614	-1.3
Defense communications equipment.....	497	529	523	-6.0	1.1	13.4	552	535	455	562	4,527	4,396	3.0
Audio and video equipment.....	744	840	860	-11.4	-2.3	-1.4	787	831	701	958	7,082	7,043	0.6
Semiconductors.....	5,248	6,268	6,848	-16.3	-8.5	25.4	5,236	6,506	6,330	6,539	56,821	59,940	-5.2
Electronic components.....	4,189	4,141	4,158	1.2	-0.4	-1.9	4,611	4,073	3,699	4,580	36,985	35,305	4.8
Nondefense search and navigation equipment.....	995	977	1,062	1.8	-8.0	2.9	1,098	979	973	922	8,857	7,373	20.1
Defense search and navigation equipment.....	2,509	2,569	2,512	-2.3	2.3	2.3	2,575	2,596	2,393	2,537	22,427	21,507	4.3
Electromedical, measuring, and control instruments.....	6,826	6,769	6,739	0.8	0.4	1.7	8,186	6,338	5,435	7,774	58,646	56,679	3.5
Electrical equipment, appliances, and components.....	10,853	10,928	10,956	-0.7	-0.3	1.8	11,630	11,379	10,159	11,198	97,626	91,915	6.2
Electric lighting equipment.....	1,186	1,212	1,229	-2.1	-1.4	0.7	1,271	1,230	1,097	1,253	10,836	10,337	4.8
Household appliances.....	2,294	2,210	2,237	3.8	-1.2	1.2	2,478	2,346	2,049	2,552	20,164	20,029	0.7
Electrical equipment.....	3,484	3,533	3,462	-1.4	2.1	-0.7	3,722	3,602	3,208	3,435	31,187	27,807	12.2
Batteries.....	609	680	728	-10.4	-6.6	14.3	715	681	622	612	5,773	4,970	16.2
Transportation equipment.....	56,704	59,628	62,874	-4.9	-5.2	9.9	57,869	64,001	45,153	58,838	516,329	516,853	-0.1
Automobiles.....	7,238	7,509	8,372	-3.6	-10.3	14.1	7,233	8,429	5,213	6,936	65,528	64,098	2.2
Light trucks and utility vehicles.....	11,482	12,107	12,632	-5.2	-4.2	7.8	11,270	13,361	7,453	10,245	101,381	102,675	-1.3
Heavy duty trucks.....	1,322	1,435	1,293	-7.9	11.0	4.6	1,293	1,472	1,157	2,351	13,785	20,867	-33.9
Motor vehicle bodies, parts, and trailers.....	18,390	19,160	20,885	-4.0	-8.3	11.0	18,338	21,198	15,330	20,117	173,858	180,264	-3.6
Nondefense aircraft and parts.....	8,750	9,704	9,631	-9.8	0.8	9.5	9,179	9,902	7,324	8,748	77,375	65,558	18.0
Defense aircraft and parts.....	3,268	3,449	3,843	-5.2	-10.3	18.2	3,695	3,453	3,214	3,661	30,008	28,559	5.1
Ships and boats.....	1,990	1,982	1,984	0.4	-0.1	-1.1	2,122	1,963	1,690	2,135	17,792	17,901	-0.6
Furniture and related products.....	6,870	6,934	6,999	-0.9	-0.9	0.7	6,978	7,460	6,857	7,349	62,554	65,940	-5.1
Miscellaneous durable goods.....	12,871	13,155	12,988	-2.2	1.3	1.4	13,165	13,055	11,754	13,505	113,898	111,758	1.9
Nondurable goods industries.....	205,983	201,714	204,597	2.1	-1.4	0.6	206,420	212,877	204,404	197,393	1,811,703	1,823,034	-0.6
Food products.....	48,950	48,664	48,304	0.6	0.7	2.3	50,071	50,224	46,239	45,863	420,329	397,704	5.7
Grain and oilseed milling.....	5,361	5,228	5,274	2.5	-0.9	2.0	5,409	5,452	5,222	5,148	45,682	44,811	1.9
Dairy products.....	7,405	7,433	7,382	-0.4	0.7	4.6	7,412	7,655	7,353	6,060	61,696	55,065	12.0
Meat, poultry, and seafood products.....	14,405	14,457	14,276	-0.4	1.3	2.6	14,379	15,108	14,032	13,184	126,290	116,994	7.9
Beverage and tobacco products.....	11,242	11,821	11,388	-4.9	3.8	-0.4	11,222	12,519	11,441	10,501	101,278	96,797	4.6
Beverages.....	7,635	7,579	7,456	0.7	1.6	1.2	7,615	8,277	7,509	6,943	66,950	63,292	5.8
Tobacco.....	3,607	4,242	3,932	-15.0	7.9	-3.2	3,607	4,242	3,932	3,558	34,328	33,505	2.5
Textile mills.....	2,877	2,874	2,900	0.1	-0.9	2.7	2,983	3,009	2,750	3,174	26,489	28,612	-7.4
Textile products.....	2,720	2,788	2,814	-2.4	-0.9	-2.6	2,778	2,966	2,845	3,080	25,740	28,112	-8.4
Apparel.....	2,784	2,776	2,630	0.3	5.6	5.1	2,941	3,032	2,604	2,766	23,974	24,431	-1.9
Leather and allied products.....	609	577	563	5.5	2.5	1.1	626	619	529	580	5,068	4,760	6.5
Paper products.....	14,045	13,863	13,929	1.3	-0.5	1.5	13,811	14,284	13,810	13,898	124,579	126,733	-1.7
Pulp, paper, and paperboard mills.....	6,630	6,551	6,603	1.2	-0.8	0.4	6,518	6,770	6,668	6,450	59,105	58,454	1.1
Paperboard containers.....	4,007	3,898	3,936	2.8	-1.0	1.1	3,912	4,131	3,915	4,038	35,465	36,352	-2.4
Printing.....	8,512	8,536	8,530	-0.3	0.1	0.6	8,871	8,776	8,010	8,816	75,399	74,399	1.3
Petroleum and coal products.....	44,159	39,944	42,655	10.6	-6.4	-2.0	44,539	44,589	46,476	39,858	378,097	403,471	-6.3
Petroleum refineries.....	41,567	37,397	40,054	11.2	-6.6	-2.0	41,714	41,600	43,556	36,605	353,954	376,614	-6.0
Chemical products.....	53,001	52,515	53,163	0.9	-1.2	0.5	51,564	54,366	52,692	51,490	474,457	479,250	-1.0
Pesticides, fertilizers, and other agricultural chemicals.....	2,828	2,785	2,732	1.5	1.9	6.6	2,454	2,505	2,459	1,988	25,209	21,827	15.5
Pharmaceuticals and medicines.....	13,451	13,348	13,902	0.8	-4.0	-1.4	12,921	13,957	13,653	14,016	124,958	130,048	-3.9
Paints, coatings, and adhesives.....	2,959	2,995	3,043	-1.2	-1.6	2.2	2,982	3,288	3,192	3,009	27,320	26,781	2.0
Plastics and rubber products.....	17,084	17,356	17,721	-1.6	-2.1	2.0	17,014	18,493	17,008	17,367	156,293	158,765	-1.6

<sup>p</sup> Preliminary<sup>r</sup> Revised

NA Not available.

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted <sup>1</sup>						
	Monthly			Percent Change			Monthly				Year to date		
	Sept. 2007 <sup>p</sup>	Aug. 2007 <sup>r</sup>	July 2007	Aug. - Sept.	July - Aug.	June - July	Sept. 2007 <sup>p</sup>	Aug. 2007 <sup>r</sup>	July 2007	Sept. 2006	2007 <sup>p</sup>	2006	Percent 2007/ 2006
All manufacturing industries <sup>2</sup> .....	420,727	420,076	435,099	0.2	-3.5	3.4	424,329	435,129	403,931	434,803	3,743,337	3,746,132	-0.1
Excluding transportation <sup>2</sup> .....	358,381	353,576	359,165	1.4	-1.6	1.7	363,016	365,371	348,774	355,391	3,168,182	3,183,234	-0.5
Excluding defense <sup>2</sup> .....	411,685	406,389	422,987	1.3	-3.9	2.6	416,266	422,626	395,613	418,490	3,660,171	3,657,175	0.1
With unfilled orders <sup>2</sup> .....	157,225	159,385	170,247	-1.4	-6.4	6.6	159,701	159,927	149,805	178,448	1,413,421	1,388,426	1.8
Durable goods industries <sup>2</sup> .....	214,744	218,362	230,502	-1.7	-5.3	5.9	217,909	222,252	199,527	237,410	1,931,634	1,923,098	0.4
Primary metals.....	20,073	19,813	20,398	1.3	-2.9	6.2	19,481	20,703	19,042	19,328	182,759	178,114	2.6
Iron and steel mills.....	9,309	9,068	9,203	2.7	-1.5	9.9	8,872	9,357	8,434	8,729	84,913	84,928	0.0
Aluminum and nonferrous metals.....	9,130	9,172	9,582	-0.5	-4.3	3.6	8,990	9,715	9,123	9,000	83,283	77,989	6.8
Ferrous metal foundries.....	1,634	1,573	1,613	3.9	-2.5	1.3	1,619	1,631	1,485	1,599	14,563	15,197	-4.2
Fabricated metal products.....	25,729	26,679	27,109	-3.6	-1.6	2.5	25,793	28,151	25,930	26,438	240,016	237,711	1.0
Machinery.....	30,171	28,996	30,220	4.1	-4.1	5.4	29,468	27,863	28,154	28,790	256,840	256,550	0.1
Construction machinery.....	2,304	2,418	3,534	-4.7	-31.6	56.9	1,691	2,480	2,818	3,302	20,138	27,107	-25.7
Mining, oil field, and gas field machinery.....	1,287	1,326	1,277	-2.9	3.8	4.8	1,310	1,311	1,220	1,176	10,946	10,713	2.2
Industrial machinery.....	3,074	3,307	3,513	-7.0	-5.9	9.7	2,958	2,494	3,860	3,193	29,997	30,176	-0.6
Photographic equipment.....	636	615	524	3.4	17.4	-9.8	653	590	475	645	5,273	5,905	-10.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,173	4,398	4,554	17.6	-3.4	4.4	5,478	4,555	4,602	4,119	39,830	34,282	16.2
Metalworking machinery.....	2,596	2,553	2,450	1.7	4.2	5.7	2,730	2,522	2,244	2,811	21,859	22,482	-2.8
Turbines, generators, and other power transmission equipment.....	4,083	3,350	3,461	21.9	-3.2	-4.1	3,842	3,435	3,151	3,669	30,260	33,265	-9.0
Material handling equipment.....	2,366	2,533	2,537	-6.6	-0.2	-9.9	2,639	2,377	2,015	2,187	21,653	19,435	11.4
Computers and electronic products <sup>2</sup> .....	28,350	28,014	28,312	1.2	-1.1	6.1	32,646	25,585	24,239	32,534	239,487	240,833	-0.6
Computers.....	3,408	3,437	2,726	-0.8	26.1	-22.1	3,844	3,367	2,870	3,716	29,844	31,632	-5.7
Nondefense communications equipment.....	5,579	5,268	5,416	5.9	-2.7	7.6	6,781	4,239	4,320	7,063	45,477	47,088	-3.4
Defense communications equipment.....	539	717	1,340	-24.8	-46.5	154.8	729	528	1,184	581	5,230	4,580	14.2
Semiconductors <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	4,348	4,078	4,297	6.6	-5.1	6.0	4,698	4,097	3,888	4,585	37,423	36,284	3.1
Nondefense search and navigation equipment.....	1,486	1,314	1,119	13.1	17.4	10.1	1,656	1,210	995	1,031	9,698	8,499	14.1
Defense search and navigation equipment.....	2,367	2,746	2,875	-13.8	-4.5	25.2	2,427	2,440	2,444	2,871	21,735	23,875	-9.0
Electromedical, measuring, and control instruments.....	7,233	6,960	6,979	3.9	-0.3	2.2	8,380	6,386	5,817	8,304	60,587	58,759	3.1
Electrical equipment, appliances, and components.....	10,757	10,847	10,686	-0.8	1.5	-2.8	11,120	11,076	10,199	11,099	99,772	95,622	4.3
Electric lighting equipment.....	1,125	1,241	1,287	-9.3	-3.6	-6.6	1,072	1,215	1,123	989	11,356	10,535	7.8
Household appliances.....	2,274	2,204	2,389	3.2	-7.7	16.5	2,371	2,405	2,306	2,360	20,512	20,140	1.8
Electrical equipment.....	3,551	3,690	3,299	-3.8	11.9	-15.5	3,643	3,669	3,182	3,646	33,054	30,326	9.0
Transportation equipment.....	62,346	66,500	75,934	-6.2	-12.4	11.7	61,313	69,758	55,157	79,412	575,155	562,898	2.2
Motor vehicle bodies, parts, and trailers.....	18,088	18,291	20,622	-1.1	-11.3	10.7	17,873	19,931	15,712	20,291	171,627	182,049	-5.7
Nondefense aircraft and parts.....	15,348	12,996	22,012	18.1	-41.0	13.2	15,573	12,995	18,258	21,753	137,540	104,116	32.1
Defense aircraft and parts.....	3,606	5,745	3,975	-37.2	44.5	25.8	3,225	5,452	2,436	2,607	26,905	25,907	3.9
Ships and boats.....	1,692	2,584	2,033	-34.5	27.1	8.9	1,572	2,395	1,253	1,768	18,527	20,862	-11.2
Furniture and related products.....	6,936	6,672	6,858	4.0	-2.7	-0.4	7,085	6,799	6,895	7,507	63,343	66,144	-4.2
Nondurable goods industries.....	205,983	201,714	204,597	2.1	-1.4	0.6	206,420	212,877	204,404	197,393	1,811,703	1,823,034	-0.6

<sup>p</sup> Preliminary<sup>r</sup> Revised

NA Not available.

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

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-3(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 Sept. 07/06
	Sept. 2007 <sup>P</sup>	Aug. 2007 <sup>r</sup>	July 2007	Aug. - Sept.	July - Aug.	June - July	Sept. 2007 <sup>P</sup>	Aug. 2007 <sup>r</sup>	July 2007	Sept. 2006	
All manufacturing industries <sup>1</sup> .....	771,577	763,051	754,340	1.1	1.2	2.3	759,899	755,516	751,386	642,617	18.3
Excluding transportation <sup>1</sup> .....	324,990	322,106	320,267	0.9	0.6	1.3	320,075	319,136	320,763	292,619	9.4
Excluding defense <sup>1</sup> .....	612,220	603,090	597,934	1.5	0.9	2.7	605,180	598,477	596,827	490,815	23.3
Durable goods industries <sup>1</sup> .....	771,577	763,051	754,340	1.1	1.2	2.3	759,899	755,516	751,386	642,617	18.3
Primary metals.....	26,525	26,512	26,769	0.0	-1.0	-0.7	25,791	26,269	26,509	27,038	-4.6
Iron and steel mills.....	15,779	15,679	15,819	0.6	-0.9	-1.7	15,310	15,546	15,670	16,731	-8.5
Aluminum and nonferrous metals.....	7,858	7,946	8,055	-1.1	-1.4	1.2	7,685	7,884	7,940	7,488	2.6
Ferrous metal foundries.....	2,888	2,887	2,895	0.0	-0.3	-0.3	2,796	2,839	2,899	2,819	-0.8
Fabricated metal products.....	56,998	57,121	56,926	-0.2	0.3	0.8	56,779	57,472	57,912	54,336	4.5
Machinery.....	86,421	84,921	83,904	1.8	1.2	2.3	84,223	83,289	83,186	71,775	17.3
Construction machinery.....	11,497	11,571	11,481	-0.6	0.8	12.3	10,476	10,968	10,879	8,024	30.6
Mining, oil field, and gas field machinery.....	3,364	3,362	3,362	0.1	0.0	-1.2	3,318	3,373	3,351	3,346	-0.8
Industrial machinery.....	13,922	14,174	14,268	-1.8	-0.7	0.4	13,525	13,998	14,509	11,928	13.4
Photographic equipment.....	1,583	1,512	1,475	4.7	2.5	-3.7	1,569	1,498	1,472	1,316	19.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	13,299	12,058	11,471	10.3	5.1	3.1	13,370	12,107	11,571	9,318	43.5
Metalworking machinery.....	7,329	6,989	6,852	4.9	2.0	0.2	7,234	6,886	6,899	6,465	11.9
Turbines, generators, and other power transmission equipment.....	12,166	12,189	12,199	-0.2	-0.1	-0.4	11,994	12,185	12,154	11,977	0.1
Material handling equipment.....	9,888	9,836	9,670	0.5	1.7	2.2	9,683	9,382	9,516	8,137	19.0
Computers and electronic products <sup>1</sup> .....	116,922	115,525	114,380	1.2	1.0	2.0	115,440	113,988	114,156	105,932	9.0
Computers.....	3,970	3,874	3,647	2.5	6.2	8.1	3,970	3,874	3,647	3,241	22.5
Nondefense communications equipment.....	28,384	28,040	27,952	1.2	0.3	1.3	27,987	27,499	28,034	26,771	4.5
Defense communications equipment.....	7,164	7,122	6,934	0.6	2.7	13.4	7,060	6,883	6,890	6,020	17.3
Semiconductors <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,320	10,161	10,224	1.6	-0.6	1.4	10,358	10,271	10,247	10,319	0.4
Nondefense search and navigation equipment.....	6,341	5,850	5,513	8.4	6.1	1.0	6,156	5,598	5,367	4,832	27.4
Defense search and navigation equipment.....	34,148	34,290	34,113	-0.4	0.5	1.1	33,623	33,771	33,927	32,031	5.0
Electromedical, measuring, and control instruments.....	26,595	26,188	25,997	1.6	0.7	0.9	26,286	26,092	26,044	22,718	15.7
Electrical equipment, appliances, and components.....	24,201	24,297	24,378	-0.4	-0.3	-1.1	23,882	24,392	24,695	21,346	11.9
Electric lighting equipment.....	2,673	2,734	2,705	-2.2	1.1	2.2	2,637	2,836	2,851	2,315	13.9
Household appliances.....	973	993	999	-2.0	-0.6	17.9	919	1,026	967	666	38.0
Electrical equipment.....	14,908	14,841	14,684	0.5	1.1	-1.1	14,797	14,876	14,809	12,595	17.5
Transportation equipment.....	446,587	440,945	434,073	1.3	1.6	3.1	439,824	436,380	430,623	349,998	25.7
Motor vehicle bodies, parts, and trailers.....	19,229	19,531	20,400	-1.5	-4.3	-1.3	18,736	19,201	20,468	19,710	-4.9
Nondefense aircraft and parts.....	281,018	274,420	271,128	2.4	1.2	4.8	278,715	272,321	269,228	194,959	43.0
Defense aircraft and parts.....	43,442	43,104	40,808	0.8	5.6	0.3	41,920	42,390	40,391	40,316	4.0
Ships and boats.....	19,431	19,729	19,127	-1.5	3.1	0.3	18,502	19,052	18,620	16,252	13.8
Furniture and related products.....	7,540	7,474	7,736	0.9	-3.4	-1.8	7,577	7,470	8,131	7,404	2.3

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

Table 4. Value of Manufacturers' Inventories for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 07/06
	Sept. 2007 <sup>p</sup>	Aug. 2007 <sup>r</sup>	July 2007	Aug. - Sept.	July - Aug.	June - July	Sept. 2007 <sup>p</sup>	Aug. 2007 <sup>r</sup>	July 2007	Sept. 2006	
All manufacturing industries .....	519,472	516,627	517,103	0.6	-0.1	0.1	519,673	520,468	520,897	508,159	2.3
Excluding transportation .....	441,432	438,970	439,509	0.6	-0.1	0.1	441,213	441,927	442,527	434,279	1.6
Excluding defense .....	498,145	495,578	495,928	0.5	-0.1	0.1	498,147	499,257	499,544	486,095	2.5
With unfilled orders .....	247,730	246,913	246,711	0.3	0.1	0.2	246,880	248,776	248,439	237,328	4.0
Durable goods industries .....	313,826	312,577	312,895	0.4	-0.1	0.1	312,723	315,143	315,082	304,143	2.8
Wood products .....	10,599	10,659	10,719	-0.6	-0.6	0.7	10,601	10,619	10,581	11,552	-8.2
Nonmetallic mineral products .....	11,938	11,874	11,852	0.5	0.2	-0.3	11,745	11,847	11,966	11,595	1.3
Primary metals .....	31,422	31,651	31,850	-0.7	-0.6	-0.2	31,254	31,713	32,053	30,685	1.9
Iron and steel mills .....	17,843	18,029	18,218	-1.0	-1.0	-0.6	17,916	18,169	18,448	17,640	1.6
Aluminum and nonferrous metals .....	11,046	11,077	11,088	-0.3	-0.1	0.0	10,910	11,052	11,099	10,821	0.8
Ferrous metal foundries .....	2,533	2,545	2,544	-0.5	0.0	1.4	2,428	2,492	2,506	2,224	9.2
Fabricated metal products .....	41,631	41,255	41,481	0.9	-0.5	0.1	41,216	41,151	41,781	40,303	2.3
Machinery .....	51,550	51,120	50,956	0.8	0.3	0.6	51,205	51,398	50,889	48,279	6.1
Farm machinery .....	2,422	2,360	2,326	2.6	1.5	3.7	2,287	2,247	2,279	2,091	9.4
Construction machinery .....	4,953	4,979	4,998	-0.5	-0.4	0.4	4,921	4,931	4,936	4,688	5.0
Mining, oil field, and gas field machinery .....	3,931	3,847	3,768	2.2	2.1	1.3	3,895	3,923	3,824	3,204	21.6
Industrial machinery .....	7,765	7,715	7,745	0.6	-0.4	-0.2	7,717	7,829	7,663	7,564	2.0
Photographic equipment .....	1,160	1,175	1,180	-1.3	-0.4	-3.1	1,173	1,177	1,176	1,214	-3.4
Ventilation, heating, air-conditioning, and refrigeration equipment .....	4,554	4,478	4,473	1.7	0.1	-0.4	4,477	4,526	4,508	4,238	5.6
Metalworking machinery .....	4,209	4,133	4,078	1.8	1.3	0.7	4,301	4,244	4,159	4,501	-4.4
Turbines, generators, and other power transmission equipment .....	6,036	5,986	5,887	0.8	1.7	1.4	6,085	6,127	5,928	5,490	10.8
Material handling equipment .....	2,990	2,958	2,985	1.1	-0.9	3.3	2,949	2,935	2,939	2,609	13.0
Computers and electronic products .....	43,382	43,116	42,988	0.6	0.3	-1.1	43,225	44,089	43,517	43,409	-0.4
Computers .....	1,154	1,103	1,086	4.6	1.6	-5.2	1,239	1,181	1,062	1,228	0.9
Computer storage devices .....	1,315	1,308	1,284	0.5	1.9	0.1	1,268	1,396	1,320	1,194	6.2
Other peripheral equipment .....	2,024	2,033	2,028	-0.4	0.2	1.0	1,972	2,133	2,073	2,168	-9.0
Nondefense communications equipment .....	6,385	6,425	6,302	-0.6	2.0	-0.7	6,327	6,513	6,283	6,742	-6.2
Defense communications equipment .....	967	943	909	2.5	3.7	8.2	979	957	920	728	34.5
Audio and video equipment .....	1,103	1,113	1,152	-0.9	-3.4	-3.0	1,250	1,189	1,172	1,384	-9.7
Semiconductors <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components .....	6,937	6,945	6,954	-0.1	-0.1	1.4	6,911	7,035	7,103	6,806	1.5
Nondefense search and navigation equipment .....	3,366	3,258	3,257	3.3	0.0	2.0	3,367	3,293	3,328	2,766	21.7
Defense search and navigation equipment .....	2,521	2,432	2,438	3.7	-0.2	0.0	2,516	2,480	2,471	2,391	5.2
Electromedical, measuring and control instruments .....	10,971	10,937	10,849	0.3	0.8	-0.1	10,817	11,146	10,866	10,299	5.0
Electrical equipment, appliances, and components .....	14,197	14,351	14,444	-1.1	-0.6	0.8	13,844	14,393	14,498	13,680	1.2
Electric lighting equipment .....	1,846	1,848	1,863	-0.1	-0.8	0.1	1,790	1,869	1,886	1,768	1.2
Household appliances .....	1,731	1,734	1,749	-0.2	-0.9	2.5	1,711	1,752	1,803	1,764	-3.0
Electrical equipment .....	4,991	5,135	5,241	-2.8	-2.0	0.2	4,780	5,130	5,201	4,758	0.5
Batteries .....	503	526	460	-4.4	14.3	1.5	518	542	456	497	4.2
Transportation equipment .....	78,040	77,657	77,594	0.5	0.1	0.4	78,460	78,541	78,370	73,880	6.2
Automobiles .....	2,270	2,288	2,482	-0.8	-7.8	13.1	2,311	2,385	2,635	1,975	17.0
Light trucks and utility vehicles .....	2,876	2,708	2,748	6.2	-1.5	-8.8	2,998	2,860	2,748	3,097	-3.2
Heavy duty trucks .....	1,529	1,573	1,644	-2.8	-4.3	7.5	1,550	1,607	1,635	1,530	1.3
Motor vehicle bodies, parts, and trailers .....	17,701	17,804	17,769	-0.6	0.2	-0.3	17,554	17,622	17,817	18,420	-4.7
Nondefense aircraft and parts .....	31,350	31,125	30,788	0.7	1.1	0.9	31,586	31,687	31,180	25,999	21.5
Defense aircraft and parts .....	12,851	12,823	12,833	0.2	-0.1	1.0	12,971	12,906	12,946	12,868	0.8
Ships and boats .....	2,352	2,313	2,275	1.7	1.7	-1.2	2,349	2,287	2,253	2,709	-13.3
Furniture and related products .....	8,514	8,536	8,578	-0.3	-0.5	-0.6	8,498	8,626	8,781	8,891	-4.4
Miscellaneous durable goods .....	22,553	22,358	22,433	0.9	-0.3	0.4	22,675	22,766	22,646	21,869	3.7
Nondurable goods industries .....	205,646	204,050	204,208	0.8	-0.1	0.2	206,950	205,325	205,815	204,016	1.4
Food products .....	37,800	37,694	37,242	0.3	1.2	1.5	38,381	37,674	36,532	35,169	9.1
Grain and oilseed milling .....	4,696	4,642	4,440	1.2	4.5	2.2	4,677	4,425	4,221	3,974	17.7
Dairy products .....	4,693	4,775	4,717	-1.7	1.2	2.9	4,703	4,863	4,909	4,075	15.4
Meat, poultry, and seafood products .....	7,275	7,229	7,175	0.6	0.8	1.3	7,358	7,200	7,115	6,790	8.4
Beverage and tobacco products .....	14,601	14,684	14,800	-0.6	-0.8	-0.1	14,652	14,291	14,200	14,466	1.3
Beverages .....	10,830	10,877	10,897	-0.4	-0.2	0.6	10,911	10,632	10,520	10,206	6.9
Tobacco .....	3,771	3,807	3,903	-0.9	-2.5	-2.0	3,741	3,659	3,680	4,260	-12.2
Textile mills .....	3,831	3,826	3,796	0.1	0.8	0.3	3,812	3,859	3,817	4,182	-8.8
Textile products .....	3,485	3,477	3,477	0.2	0.0	-0.6	3,501	3,505	3,522	3,733	-6.2
Apparel .....	3,793	3,928	4,096	-3.4	-4.1	2.5	3,934	4,108	4,219	3,925	0.2
Leather and allied products .....	881	901	906	-2.2	-0.6	0.4	900	926	918	892	0.9
Paper products .....	15,324	15,328	15,276	0.0	0.3	0.2	15,245	15,293	15,332	15,395	-1.0
Pulp, paper, and paperboard mills .....	7,037	7,054	7,022	-0.2	0.5	-0.5	6,957	7,018	7,050	7,008	-0.7
Paperboard containers .....	3,842	3,834	3,864	0.2	-0.8	0.7	3,839	3,823	3,873	3,930	-2.3
Printing .....	6,513	6,498	6,493	0.2	0.1	-1.5	6,859	6,839	6,812	7,183	-4.5
Petroleum and coal products .....	35,574	33,747	33,877	5.4	-0.4	-1.8	36,497	34,620	35,682	35,611	2.5
Petroleum refineries .....	32,999	31,081	31,853	6.2	0.0	-1.9	33,911	31,853	32,795	32,523	4.3
Chemical products .....	62,903	63,129	63,486	-0.4	-0.6	0.3	62,454	63,697	64,152	63,109	-1.0
Pesticides, fertilizers, and other agricultural chemicals .....	2,670	2,700	2,676	-1.1	0.9	3.4	2,297	2,384	2,386	2,154	6.6
Pharmaceuticals and medicines .....	24,142	24,043	24,523	0.4	-2.0	-0.5	24,317	24,672	25,197	24,874	-2.2
Paints, coatings, and adhesives .....	3,033	3,070	3,043	-1.2	0.9	0.7	2,972	3,105	3,077	2,978	-0.2
Plastics and rubber products .....	20,941	20,838	20,759	0.5	0.4	0.8	20,715	20,513	20,629	20,351	1.8

<sup>p</sup> Preliminary<sup>r</sup> Revised

NA Not available.

<sup>1</sup> Inventories for semiconductor industry data are included in computers and electronic products and total durable goods industries, but are not shown separately.  
See note at end of Table 2 relating to survey error and revision.

**Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series <sup>1</sup>**

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted <sup>2</sup>						Percent Change <sup>6</sup> 2007/2006
	Monthly			Percent Change			Monthly			Year to date			
	Sept. 2007 <sup>p</sup>	Aug. 2007 <sup>r</sup>	July 2007	Aug. - Sept.	July - Aug.	June - July	Sept. 2007 <sup>p</sup>	Aug. 2007 <sup>r</sup>	July 2007	Sept. 2006	2007 <sup>p</sup>	2006	
<b>SHIPMENTS</b>													
All manufacturing industries .....	417,449	417,633	424,692	0.0	-1.7	2.3	425,182	437,505	396,831	418,781	3,722,101	3,730,860	-0.2
Construction materials and supplies.....	42,813	43,359	44,301	-1.3	-2.1	1.9	44,179	47,281	43,886	45,804	393,212	403,641	-2.6
Information technology.....	26,609	26,599	25,789	0.0	3.1	-1.4	30,609	25,764	22,347	29,990	232,166	231,188	0.4
Computers and related products .....	5,407	5,335	4,601	1.3	16.0	-15.1	6,482	5,108	4,125	6,387	47,062	50,155	-6.2
Motor vehicle and parts.....	38,432	40,211	43,182	-4.4	-6.9	10.4	38,134	44,460	29,153	39,649	354,552	367,904	-3.6
Capital goods.....	75,728	75,888	75,059	-0.2	1.1	1.9	80,388	75,499	67,101	79,800	661,876	658,469	0.5
Nondefense capital goods <sup>3</sup> .....	67,619	67,451	66,376	0.2	1.6	1.0	71,830	67,115	59,197	71,616	589,128	588,620	0.1
Excluding aircraft.....	62,139	61,472	60,342	1.1	1.9	0.0	66,240	60,818	55,071	65,920	542,217	547,285	-0.9
Defense capital goods <sup>4</sup> .....	8,109	8,437	8,683	-3.9	-2.8	9.3	8,558	8,384	7,904	8,184	72,748	69,849	4.2
Consumer goods.....	166,899	164,090	167,821	1.7	-2.2	1.4	167,899	174,236	158,889	158,887	1,464,172	1,471,592	-0.5
Consumer durable goods.....	34,365	35,543	36,928	-3.3	-3.8	5.9	34,626	37,844	26,871	34,375	308,170	311,515	-1.1
Consumer nondurable goods.....	132,534	128,547	130,893	3.1	-1.8	0.2	133,273	136,392	132,018	124,512	1,156,002	1,160,077	-0.4
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	420,727	420,076	435,099	0.2	-3.5	3.4	424,329	435,129	403,931	434,803	3,743,337	3,746,132	-0.1
Construction materials and supplies.....	44,093	43,928	44,679	0.4	-1.7	0.7	45,123	47,276	44,232	45,383	399,784	407,915	-2.0
Information technology.....	27,836	27,583	27,522	0.9	0.2	4.9	31,920	25,184	23,792	32,086	236,414	240,105	-1.5
Computers and related products .....	5,503	5,562	4,873	-1.1	14.1	-12.1	6,578	5,335	4,397	6,493	47,625	49,786	-4.3
Motor vehicle and parts.....	38,130	39,342	42,919	-3.1	-8.3	10.3	37,669	43,193	29,535	39,823	352,321	369,689	-4.7
Capital goods.....	81,899	82,318	91,376	-0.5	-9.9	8.2	83,984	78,432	79,085	102,801	728,311	715,547	1.8
Nondefense capital goods <sup>3</sup> .....	74,691	71,417	81,119	4.6	-12.0	4.8	77,822	68,485	72,108	87,907	659,415	639,443	3.1
Excluding aircraft.....	63,064	62,677	62,595	0.6	0.1	0.9	66,299	59,625	56,802	69,731	555,281	565,625	-1.8
Defense capital goods <sup>4</sup> .....	7,208	10,901	10,257	-33.9	6.3	45.7	6,162	9,947	6,977	14,894	68,896	76,104	-9.5
Consumer goods.....	167,093	163,917	168,026	1.9	-2.4	1.5	167,999	174,023	159,417	158,580	1,465,488	1,471,246	-0.4
Consumer durable goods.....	34,559	35,370	37,133	-2.3	-4.7	6.7	34,726	37,631	27,399	34,068	309,486	311,169	-0.5
Consumer nondurable goods.....	132,534	128,547	130,893	3.1	-1.8	0.2	133,273	136,392	132,018	124,512	1,156,002	1,160,077	-0.4
<b>UNFILLED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	771,577	763,051	754,340	1.1	1.2	2.3	759,899	755,516	751,386	642,617	(X)	(X)	18.3
Construction materials and supplies.....	49,618	48,338	47,769	2.6	1.2	0.8	49,710	48,766	48,771	44,806	(X)	(X)	10.9
Information technology.....	113,832	112,605	111,621	1.1	0.9	1.6	112,180	110,869	111,449	102,699	(X)	(X)	9.2
Computers and related products .....	3,970	3,874	3,647	2.5	6.2	8.1	3,970	3,874	3,647	3,241	(X)	(X)	22.5
Motor vehicle and parts.....	19,229	19,531	20,400	-1.5	-4.3	-1.3	18,736	19,201	20,468	19,710	(X)	(X)	-4.9
Capital goods.....	580,228	574,057	567,627	1.1	1.1	3.0	570,325	566,729	563,796	468,165	(X)	(X)	21.8
Nondefense capital goods <sup>3</sup> .....	434,669	427,597	423,631	1.7	0.9	3.6	428,978	422,986	421,616	327,961	(X)	(X)	30.8
Excluding aircraft.....	181,396	180,471	179,266	0.5	0.7	1.3	177,984	177,925	179,118	157,397	(X)	(X)	13.1
Defense capital goods <sup>4</sup> .....	145,559	146,460	143,996	-0.6	1.7	1.1	141,347	143,743	142,180	140,204	(X)	(X)	0.8
Consumer goods.....	10,060	9,866	10,039	2.0	-1.7	2.1	9,975	9,875	10,088	8,446	(X)	(X)	18.1
Consumer durable goods.....	10,060	9,866	10,039	2.0	-1.7	2.1	9,975	9,875	10,088	8,446	(X)	(X)	18.1
<b>TOTAL INVENTORIES</b>													
All manufacturing industries .....	519,472	516,627	517,103	0.6	-0.1	0.1	519,673	520,468	520,897	508,159	(X)	(X)	2.3
Construction materials and supplies.....	58,887	58,605	58,650	0.5	-0.1	0.1	58,315	58,710	59,039	58,943	(X)	(X)	-1.1
Information technology.....	36,592	36,337	36,142	0.7	0.5	0.1	36,481	37,097	36,370	35,574	(X)	(X)	2.5
Computers and related products .....	4,493	4,444	4,398	1.1	1.0	-0.9	4,479	4,710	4,455	4,590	(X)	(X)	-2.4
Motor vehicle and parts.....	24,376	24,373	24,643	0.0	-1.1	0.3	24,413	24,474	24,835	25,022	(X)	(X)	-2.4
Capital goods.....	140,289	139,507	139,149	0.6	0.3	0.5	139,986	141,219	139,821	132,552	(X)	(X)	5.6
Nondefense capital goods <sup>3</sup> .....	123,131	122,676	122,187	0.4	0.4	0.5	122,749	124,309	122,794	115,262	(X)	(X)	6.5
Excluding aircraft.....	99,071	98,708	98,444	0.4	0.3	0.6	98,374	99,917	98,765	94,651	(X)	(X)	3.9
Defense capital goods <sup>4</sup> .....	17,158	16,831	16,962	1.9	-0.8	0.5	17,237	16,910	17,027	17,290	(X)	(X)	-0.3
Consumer goods.....	159,523	157,494	158,363	1.3	-0.5	0.0	161,661	159,336	160,079	157,893	(X)	(X)	2.4
Consumer durable goods.....	29,053	28,826	29,384	0.8	-1.9	-0.1	29,337	29,425	29,765	29,455	(X)	(X)	-0.4
Consumer nondurable goods.....	130,470	128,668	128,979	1.4	-0.2	0.0	132,324	129,911	130,314	128,438	(X)	(X)	3.0

<sup>p</sup> Preliminary      <sup>r</sup> Revised      X Not Applicable.

<sup>1</sup> Topical series are regroupings of the separate industry categories.

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

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

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

<sup>5</sup> Estimates and percent changes exclude semiconductor industry data.

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

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

Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 07/06
	Sept. 2007 <sup>P</sup>	Aug. 2007 <sup>F</sup>	July 2007	Aug. - Sept.	July - Aug.	June - July	Sept. 2007 <sup>P</sup>	Aug. 2007 <sup>F</sup>	July 2007	Sept. 2006	
<b>MATERIALS AND SUPPLIES</b>											
All manufacturing industries.....	177,110	176,678	176,366	0.2	0.2	0.0	177,182	177,164	177,435	176,439	0.4
Durable goods industries.....	105,976	106,426	106,817	-0.4	-0.4	-0.3	106,048	107,090	107,563	106,746	-0.7
Wood products.....	4,101	4,086	4,109	0.4	-0.6	-0.8	4,227	4,085	3,996	4,463	-5.3
Nonmetallic mineral products.....	4,594	4,576	4,563	0.4	0.3	0.3	4,616	4,636	4,620	4,450	3.7
Primary metals.....	11,749	11,833	11,900	-0.7	-0.6	-1.4	11,895	11,919	11,978	12,308	-3.4
Fabricated metal products.....	15,993	15,971	15,929	0.1	0.3	-0.4	15,849	15,900	16,009	15,627	1.4
Machinery.....	19,762	19,762	19,838	0.0	-0.4	0.9	19,669	19,902	19,982	18,342	7.2
Computers and electronic products .....	16,102	16,000	16,277	0.6	-1.7	-2.7	16,144	16,288	16,397	17,064	-5.4
Electrical equipment, appliances, and components.....	5,803	5,952	5,951	-2.5	0.0	-0.2	5,679	5,905	5,936	5,583	1.7
Transportation equipment.....	16,651	16,965	16,952	-1.9	0.1	1.0	16,758	17,045	17,207	17,789	-5.8
Furniture and related products.....	3,818	3,837	3,884	-0.5	-1.2	0.5	3,806	3,848	3,937	3,764	1.1
Miscellaneous products.....	7,403	7,444	7,414	-0.6	0.4	-0.1	7,405	7,562	7,501	7,356	0.7
Nondurable goods industries.....	71,134	70,252	69,549	1.3	1.0	0.4	71,134	70,074	69,872	69,693	2.1
Food products.....	13,609	13,391	13,082	1.6	2.4	1.4	13,407	12,939	12,750	12,109	10.7
Beverage and tobacco products.....	4,430	4,521	4,600	-2.0	-1.7	-0.4	4,377	4,379	4,428	4,602	-4.9
Textiles.....	1,236	1,250	1,241	-1.1	0.7	0.8	1,239	1,254	1,234	1,268	-2.3
Textile products.....	1,369	1,361	1,356	0.6	0.4	-0.5	1,387	1,373	1,384	1,458	-4.9
Apparel.....	1,081	1,108	1,136	-2.4	-2.5	2.3	1,085	1,118	1,140	1,092	-0.6
Leather and allied products.....	302	297	287	1.7	3.5	10.4	307	303	293	261	17.6
Paper products.....	7,102	7,165	7,126	-0.9	0.5	0.3	7,105	7,135	7,113	7,211	-1.5
Printing.....	3,042	3,028	2,985	0.5	1.4	-1.1	3,156	3,129	3,107	3,380	-6.6
Petroleum and coal products.....	13,055	11,990	11,800	8.9	1.6	-0.4	13,234	12,165	12,314	12,238	8.1
Chemical products.....	17,793	18,006	17,852	-1.2	0.9	0.3	17,758	18,133	18,004	17,882	-0.7
Plastics and rubber products.....	8,115	8,135	8,084	-0.2	0.6	0.7	8,079	8,146	8,105	8,192	-1.4
<b>WORK IN PROCESS</b>											
All manufacturing industries.....	148,870	148,328	148,395	0.4	0.0	0.0	149,168	149,546	149,323	142,211	4.9
Durable goods industries.....	113,151	112,875	112,389	0.2	0.4	0.7	113,279	114,065	113,209	105,754	7.1
Wood products.....	2,167	2,233	2,282	-3.0	-2.1	2.9	2,165	2,238	2,280	2,381	-9.1
Nonmetallic mineral products.....	1,313	1,317	1,326	-0.3	-0.7	-0.2	1,286	1,316	1,341	1,273	1.0
Primary metals.....	10,044	10,204	10,395	-1.6	-1.8	-0.7	9,901	10,237	10,483	9,429	5.0
Fabricated metal products.....	12,195	11,926	11,839	2.3	0.7	1.4	12,235	12,017	11,953	11,444	6.9
Machinery.....	14,624	14,455	14,160	1.2	2.1	-0.2	14,659	14,761	14,273	14,004	4.7
Computers and electronic products .....	16,520	16,741	16,648	-1.3	0.6	1.7	16,366	17,173	16,936	16,204	1.0
Electrical equipment, appliances, and components.....	2,857	2,858	3,086	0.0	-7.4	1.4	2,793	2,933	3,140	2,916	-4.2
Transportation equipment.....	48,882	48,586	48,096	0.6	1.0	0.8	49,316	48,772	48,182	43,224	14.1
Furniture and related products.....	1,312	1,348	1,351	-2.7	-0.2	2.2	1,308	1,352	1,369	1,554	-15.8
Miscellaneous products.....	3,237	3,207	3,206	0.9	0.0	-0.7	3,250	3,266	3,252	3,325	-2.3
Nondurable goods industries.....	35,719	35,453	36,006	0.8	-1.5	-2.3	35,889	35,481	36,114	36,457	-1.6
Food products.....	2,800	2,795	2,766	0.2	1.0	-2.2	2,665	2,538	2,495	2,561	4.1
Beverage and tobacco products.....	4,501	4,531	4,592	-0.7	-1.3	-0.3	4,437	4,096	4,097	4,398	0.9
Textiles.....	828	828	843	0.0	-1.8	-0.9	832	835	851	1,035	-19.6
Textile products.....	471	477	487	-1.3	-2.1	-2.6	468	469	489	609	-23.2
Apparel.....	630	662	681	-4.8	-2.8	1.2	630	678	680	634	-0.6
Leather and allied products.....	93	92	94	1.1	-2.1	-20.3	94	95	96	122	-23.0
Paper products.....	1,378	1,352	1,331	1.9	1.6	-0.7	1,386	1,381	1,359	1,341	3.4
Printing.....	1,520	1,521	1,515	-0.1	0.4	-3.1	1,684	1,662	1,659	1,808	-6.9
Petroleum and coal products.....	8,565	8,314	8,470	3.0	-1.8	-7.5	8,750	8,484	8,845	7,806	12.1
Chemical products.....	12,392	12,364	12,748	0.2	-3.0	-0.4	12,438	12,763	13,086	13,787	-9.8
Plastics and rubber products.....	2,541	2,517	2,479	1.0	1.5	2.2	2,505	2,480	2,457	2,356	6.3
<b>FINISHED GOODS</b>											
All manufacturing industries.....	193,492	191,621	192,342	1.0	-0.4	0.4	193,323	193,758	194,139	189,509	2.0
Durable goods industries.....	94,699	93,276	93,689	1.5	-0.4	-0.2	93,396	93,988	94,310	91,643	1.9
Wood products.....	4,331	4,340	4,328	-0.2	0.3	1.0	4,209	4,296	4,305	4,708	-10.6
Nonmetallic mineral products.....	6,031	5,981	5,963	0.8	0.3	-0.8	5,843	5,895	6,005	5,872	-0.5
Primary metals.....	9,629	9,614	9,555	0.2	0.6	1.7	9,458	9,557	9,592	8,948	5.7
Fabricated metal products.....	13,443	13,358	13,713	0.6	-2.6	-0.4	13,132	13,234	13,819	13,232	-0.8
Machinery.....	17,164	16,903	16,958	1.5	-0.3	0.8	16,877	16,735	16,634	15,933	5.9
Computers and electronic products .....	10,760	10,375	10,063	3.7	3.1	-3.0	10,715	10,628	10,184	10,141	5.7
Electrical equipment, appliances, and components.....	5,537	5,541	5,407	-0.1	2.5	1.5	5,372	5,555	5,422	5,181	3.7
Transportation equipment.....	12,507	12,106	12,546	3.3	-3.5	-1.6	12,386	12,724	12,981	12,867	-3.7
Furniture and related products.....	3,384	3,351	3,343	1.0	0.2	-2.9	3,384	3,426	3,475	3,573	-5.3
Miscellaneous products.....	11,913	11,707	11,813	1.8	-0.9	1.0	12,020	11,938	11,893	11,188	7.4
Nondurable goods industries.....	98,793	98,345	98,653	0.5	-0.3	0.9	99,927	99,770	99,829	97,866	2.1
Food products.....	21,391	21,508	21,394	-0.5	0.5	2.0	22,309	22,197	21,287	20,499	8.8
Beverage and tobacco products.....	5,670	5,632	5,608	0.7	0.4	0.3	5,838	5,816	5,675	5,466	6.8
Textiles.....	1,767	1,748	1,712	1.1	2.1	0.6	1,741	1,770	1,732	1,879	-7.3
Textile products.....	1,645	1,639	1,634	0.4	0.3	-0.1	1,646	1,663	1,649	1,666	-1.2
Apparel.....	2,082	2,158	2,279	-3.5	-5.3	3.0	2,219	2,312	2,399	2,199	0.9
Leather and allied products.....	486	512	525	-5.1	-2.5	0.2	499	528	529	509	-2.0
Paper products.....	6,844	6,811	6,819	0.5	-0.1	0.1	6,754	6,777	6,860	6,843	-1.3
Printing.....	1,951	1,949	1,993	0.1	-2.2	-0.9	2,019	2,048	2,046	1,995	1.2
Petroleum and coal products.....	13,954	13,443	13,607	3.8	-1.2	0.9	14,513	13,971	14,523	15,567	-6.8
Chemical products.....	32,718	32,759	32,886	-0.1	-0.4	0.6	32,258	32,801	33,062	31,440	2.6
Plastics and rubber products.....	10,285	10,186	10,196	1.0	-0.1	0.6	10,131	9,887	10,067	9,803	3.3

<sup>P</sup> Preliminary<sup>F</sup> Revised

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

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

[Based on Seasonally Adjusted data]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio <sup>1</sup>			
	Sep 2007 <sup>p</sup>	Aug 2007 <sup>r</sup>	Jul 2007	Jun 2007	Sep 2007 <sup>p</sup>	Aug 2007 <sup>r</sup>	Jul 2007	Jun 2007
All manufacturing industries <sup>2</sup> .....	1.24	1.24	1.22	1.24	(X)	(X)	(X)	(X)
Durable goods industries <sup>2</sup> .....	1.48	1.45	1.42	1.48	5.19	5.06	4.93	4.97
Wood products.....	1.33	1.32	1.32	1.32	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.26	1.24	1.22	1.23	(X)	(X)	(X)	(X)
Primary metals.....	1.57	1.58	1.55	1.57	1.32	1.32	1.30	1.32
Fabricated metal products.....	1.61	1.56	1.56	1.59	2.28	2.24	2.21	2.25
Machinery.....	1.80	1.83	1.80	1.83	3.32	3.33	3.23	3.24
Computers and electronic products <sup>2</sup> ..	1.35	1.30	1.31	1.36	4.96	4.94	5.08	4.83
Electrical equipment, appliances, and components.....	1.31	1.31	1.32	1.33	2.36	2.37	2.38	2.43
Transportation equipment.....	1.38	1.30	1.23	1.35	12.18	11.43	10.70	11.40
Furniture and related products.....	1.24	1.23	1.23	1.24	1.25	1.22	1.26	1.29
Miscellaneous products.....	1.75	1.70	1.73	1.74	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.00	1.01	1.00	1.00	(X)	(X)	(X)	(X)
Food products.....	0.77	0.77	0.77	0.78	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.30	1.24	1.30	1.30	(X)	(X)	(X)	(X)
Textiles.....	1.33	1.33	1.31	1.34	(X)	(X)	(X)	(X)
Textile products.....	1.28	1.25	1.24	1.21	(X)	(X)	(X)	(X)
Apparel.....	1.36	1.41	1.56	1.60	(X)	(X)	(X)	(X)
Leather and allied products.....	1.45	1.56	1.61	1.62	(X)	(X)	(X)	(X)
Paper products.....	1.09	1.11	1.10	1.11	(X)	(X)	(X)	(X)
Printing.....	0.77	0.76	0.76	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.81	0.84	0.79	0.79	(X)	(X)	(X)	(X)
Chemical products.....	1.19	1.20	1.19	1.20	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.23	1.20	1.17	1.19	(X)	(X)	(X)	(X)

<sup>p</sup> Preliminary

<sup>r</sup> Revised

X Not Applicable

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

<sup>2</sup> Unfilled orders to shipments ratio excludes semiconductor manufacturing.

**Table 8. Revisions to Previously Published Monthly Percent Changes**

[Based on Seasonally Adjusted data]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Sep <sup>1</sup> 2007	Sep <sup>2</sup> 2006-Aug 2007	Sep <sup>1</sup> 2007	Sep <sup>2</sup> 2006-Aug 2007	Sep <sup>1</sup> 2007	Sep <sup>2</sup> 2006-Aug 2007	Sep <sup>1</sup> 2007	Sep <sup>2</sup> 2006-Aug 2007
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)	0.1
Durable goods industries.....	-0.1	0.3	0.0	0.5	0.0	0.1	0.0	0.1
Wood products.....	(X)	1.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.1	0.6	-0.3	1.6	-0.3	0.8	0.0	0.2
Fabricated metal products.....	0.0	0.3	-0.8	0.5	-0.4	0.2	0.0	0.2
Machinery.....	0.2	0.5	-0.2	1.0	-0.1	0.4	0.0	0.3
Computers and electronic products .....	0.1	0.8	2.6	0.7	0.8	0.2	0.3	0.3
Electrical equipment, appliances, and components.....	0.2	0.7	-0.4	1.1	-0.3	0.4	0.0	0.3
Transportation equipment.....	0.1	0.7	0.1	1.7	0.0	0.1	0.0	0.1
Furniture and related products.....	(X)	0.4	(X)	0.8	(X)	0.7	(X)	0.3
Miscellaneous products.....	(X)	0.4	(X)	0.5	(X)	0.5	(X)	0.3
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.1
Food products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	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)	1.6	(X)	(NA)	(X)	(NA)	(X)	1.1
Leather and allied products.....	(X)	2.5	(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)	1.2	(X)	(NA)	(X)	(NA)	(X)	0.5
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3

X Not Applicable

NA Not Available

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

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



## Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,200 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 59 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 62 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 4,200 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,200 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections 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>.