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Full Report on Manufacturers' Shipments, Inventories and Orders August 2014

Summary

New orders for manufactured goods in August, down following two consecutive monthly increases, decreased $56.1 billion or 10.1 percent to $502.0 billion, the U.S. Census Bureau reported today. This followed a 10.5 percent July increase. Excluding transportation, new orders decreased 0.1 percent.

Shipments, down following two consecutive monthly increases, decreased $5.0 billion or 1.0 percent to $503.1 billion. This followed a 1.4 percent July increase.

Unfilled orders, up sixteen of the last seventeen months, increased $7.0 billion or 0.6 percent to $1,164.5 billion. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a 5.3 percent July increase. The unfilled orders-to-shipments ratio was 6.71, up from 6.62 in July.

Inventories, up twenty-one of the last twenty-two months, increased $0.8 billion or 0.1 percent to $653.9 billion. This was also at the highest level since the series was first published on a NAICS basis and followed a slight July increase. The inventories-to-shipments ratio was 1.30, up from 1.29 in July.

New Orders

New orders for manufactured durable goods in August, down following two consecutive monthly increases, decreased $55.1 billion or 18.4 percent to $244.8 billion, revised from the previously published 18.2 percent decrease. This followed a 22.5 percent July increase.

Transportation equipment, also down following two consecutive monthly increases, drove the decrease, $55.8 billion or 42.2 percent to $76.5 billion.

New orders for manufactured nondurable goods decreased $1.0 billion or 0.4 percent to $257.2 billion.

Shipments

Shipments of manufactured durable goods in August, down following two consecutive monthly increases, decreased $4.0 billion or 1.6 percent to $245.9 billion, revised from the previously published 1.5 percent decrease. This followed a 3.7 percent July increase.

Transportation equipment, also down following two consecutive monthly increases, led the decrease, $3.9 billion or 5.1 percent to $72.5 billion.

Shipments of manufactured nondurable goods, down three of the last four months, decreased $1.0 billion or 0.4 percent to $257.2 billion. This followed a 0.8 percent July decrease. Petroleum and coal products, down two consecutive months, led the decrease, $1.0 billion or 1.4 percent to $69.3 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in August, up sixteen of the last seventeen months, increased $7.0 billion or 0.6 percent to $1,164.5 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 5.3 percent July increase.

Transportation equipment, up eleven of the last twelve months, led the increase, $4.0 billion or 0.5 percent to $741.8 billion.

Inventories

Inventories of manufactured durable goods in August, up sixteen of the last seventeen months, increased $1.7 billion or 0.4 percent to $403.1 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 0.4 percent July increase.

Transportation equipment, also up sixteen of the last seventeen months, led the increase, $0.6 billion or 0.4 percent to $129.9 billion.

Inventories of manufactured nondurable goods, down three consecutive months, decreased $0.9 billion or 0.3 percent to $250.8 billion. This followed a 0.7 percent July decrease. Petroleum and coal products, also down three consecutive months, drove the decrease, $0.9 billion or 1.8 percent to $47.5 billion.

By stage of fabrication, August materials and supplies increased 0.1 percent in durable goods and decreased 0.7 percent in nondurable goods. Work in process increased 0.7 percent in durable goods and 0.6 percent in nondurable goods. Finished goods increased 0.4 percent in durable goods and decreased 0.5 percent in nondurable goods.

Figures in text are adjusted for seasonality, but not for inflation. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to www.census.gov/m3. The Advance Report on durable goods for September is scheduled for release on October 28, 2014 at 8:30 a.m. EDT and the Full Report on November 4, 2014, at 10:00 a.m. EST. See back page for survey description. To receive the latest updates on the Nation's key economic indicators, download the America's Economy app for Apple and Android smartphones and tablets. The U.S. Census Bureau updated its Application Programming Interface (API) with monthly and quarterly economic indicators. The API allows developers to combine Census Bureau statistics with other data sets to create tools for research on a variety of topics.

Table 1. Value of Manufacturers' Shipments for Industry Groups[1]

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Aug. 2014[p]	July 2014[r]	June 2014	July - Aug.	June - July	May - June	Aug. 2014[p]	July 2014[r]	June 2014	Aug. 2013	2014[p]	2013	% Change 2014/ 2013
All manufacturing industries	503,106	508,108	501,319	-1.0	1.4	0.8	513,768	497,821	522,242	504,328	3,980,630	3,872,026	2.8
Excluding transportation	430,585	431,666	430,543	-0.3	0.3	0.7	440,190	432,697	445,682	432,161	3,422,476	3,336,706	2.6
Excluding defense	491,281	496,269	489,806	-1.0	1.3	0.8	502,148	487,414	509,621	491,867	3,889,213	3,777,715	3.0
With unfilled orders	173,485	174,918	169,968	-0.8	2.9	1.9	175,524	165,593	183,342	166,304	1,340,107	1,276,888	5.0
Durable goods industries	245,858	249,815	240,950	-1.6	3.7	1.2	248,936	237,040	257,993	238,133	1,909,100	1,820,862	4.8
Wood products	8,601	8,515	8,521	1.0	-0.1	3.2	9,119	8,876	9,416	7,750	65,872	58,344	12.9
Nonmetallic mineral products	9,127	9,188	9,031	-0.7	1.7	0.8	10,098	9,878	9,816	9,713	71,900	67,213	7.0
Primary metals	27,670	27,582	27,077	0.3	1.9	1.0	28,323	27,385	27,842	26,465	217,253	203,928	6.5
Iron and steel mills	11,286	11,391	11,155	-0.9	2.1	2.7	11,476	11,249	11,375	11,063	89,216	85,733	4.1
Aluminum and nonferrous metals	14,618	14,402	14,142	1.5	1.8	-0.5	15,091	14,424	14,517	13,715	113,893	104,426	9.1
Ferrous metal foundries	1,766	1,789	1,780	-1.3	0.5	2.7	1,756	1,712	1,950	1,687	14,144	13,769	2.7
Fabricated metal products	30,303	30,261	30,167	0.1	0.3	1.8	31,724	30,141	31,703	30,732	238,730	232,165	2.8
Machinery	36,885	36,926	35,763	-0.1	3.3	-0.4	36,335	36,011	38,375	33,850	288,018	273,800	5.2
Farm machinery	1,143	1,500	1,643	-23.8	-8.7	-7.1	808	1,489	1,524	1,383	15,067	17,636	-14.6
Construction machinery	4,582	4,620	4,481	-0.8	3.1	-4.0	4,439	4,505	4,601	4,268	36,350	37,028	-1.8
Mining, oil field, and gas field machinery	2,307	2,393	2,243	-3.6	6.7	-5.7	2,276	2,308	2,374	2,176	18,091	16,993	6.5
Industrial machinery	6,033	5,717	4,837	5.5	18.2	2.5	6,030	5,413	5,202	4,006	39,072	28,781	35.8
Photographic equipment	676	713	687	-5.2	3.8	-1.7	675	666	717	698	5,383	5,144	4.6
Ventilation, heating, air-conditioning, and refrigeration equipment	3,671	3,701	3,696	-0.8	0.1	-0.9	3,909	4,110	4,738	3,908	30,270	29,860	1.4
Metalworking machinery	3,170	3,177	3,200	-0.2	-0.7	1.5	3,085	3,136	3,359	3,256	24,792	23,575	5.2
Turbines, generators, and other power transmission equipment	4,285	4,100	4,006	4.5	2.3	0.9	4,261	3,933	4,250	3,837	31,894	32,002	-0.3
Material handling equipment	2,969	3,004	2,940	-1.2	2.2	-1.5	3,071	2,896	2,972	3,050	23,528	22,249	5.7
Computers and electronic products[2]	29,664	29,955	29,052	-1.0	3.1	2.2	28,347	29,578	31,801	26,882	226,516	214,917	5.4
Computers	420	458	494	-8.3	-7.3	4.7	366	354	672	493	3,392	3,995	-15.1
Computer storage devices	868	834	999	4.1	-16.5	7.4	666	484	1,568	749	6,873	7,045	-2.4
Other peripheral equipment	869	1,023	959	-15.1	6.7	3.0	706	746	1,297	766	6,465	5,798	11.5
Nondefense communications equipment	3,367	3,383	3,474	-0.5	-2.6	3.3	3,294	2,897	4,207	3,465	26,309	27,279	-3.6
Defense communications equipment	367	467	362	-21.4	29.0	5.8	364	437	356	430	3,078	3,358	-8.3
Audio and video equipment	421	408	421	3.2	-3.1	-0.5	361	346	368	264	2,770	1,838	50.7
Electronic components	3,584	3,747	3,721	-4.4	0.7	4.7	3,607	3,777	4,088	3,533	28,292	27,414	3.2
Nondefense search and navigation equipment	1,397	1,355	1,374	3.1	-1.4	-0.1	1,367	1,225	1,525	1,323	10,672	10,146	5.2
Defense search and navigation equipment	2,981	2,891	2,911	3.1	-0.7	1.2	2,869	2,529	3,193	2,677	22,277	22,267	0.0
Electromedical, measuring, and control instruments	6,987	6,910	6,750	1.1	2.4	0.4	6,558	6,183	8,026	5,841	52,687	48,593	8.4
Electrical equipment, appliances, and components	10,649	10,605	10,405	0.4	1.9	2.0	10,859	10,221	11,291	10,518	82,405	82,023	0.5
Electric lighting equipment	894	884	874	1.1	1.1	-0.5	873	855	881	839	6,844	6,449	6.1
Household appliances	1,801	1,883	1,797	-4.4	4.8	3.3	1,807	1,818	1,904	1,744	14,029	13,160	6.6
Electrical equipment	3,378	3,386	3,384	-0.2	0.1	2.7	3,426	3,216	3,924	3,463	26,926	26,821	0.4
Batteries	1,019	1,007	987	1.2	2.0	-3.4	1,050	923	972	979	7,645	7,286	4.9
Transportation equipment	72,521	76,442	70,776	-5.1	8.0	1.5	73,578	65,124	76,560	72,167	558,154	535,320	4.3
Automobiles	9,707	9,701	9,451	0.1	2.6	1.2	9,970	7,993	9,998	11,166	73,968	83,587	-11.5
Light trucks and utility vehicles	13,530	15,625	12,920	-13.4	20.9	-6.9	14,016	12,197	13,622	13,986	108,204	99,318	8.9
Heavy duty trucks	2,823	2,789	2,678	1.2	4.1	4.4	2,847	2,719	2,880	2,380	20,664	18,122	14.0
Motor vehicle bodies, parts, and trailers	21,337	22,698	21,118	-6.0	7.5	0.9	22,071	19,975	22,028	21,072	168,863	155,017	8.9
Nondefense aircraft and parts	13,222	13,394	12,877	-1.3	4.0	14.2	12,817	11,722	15,016	11,035	93,893	85,204	10.2
Defense aircraft and parts	4,366	4,560	4,415	-4.3	3.3	-4.3	4,309	3,822	4,985	4,899	35,049	36,223	-3.2
Ships and boats	2,399	2,442	2,396	-1.8	1.9	8.2	2,369	2,278	2,620	2,438	18,746	19,374	-3.2
Furniture and related products	5,807	5,798	5,727	0.2	1.2	2.1	6,279	5,891	5,884	6,145	45,795	44,788	2.2
Miscellaneous durable goods	14,631	14,543	14,431	0.6	0.8	-0.9	14,274	13,935	15,305	13,911	114,457	108,364	5.6
Nondurable goods industries	257,248	258,293	260,369	-0.4	-0.8	0.4	264,832	260,781	264,249	266,195	2,071,530	2,051,164	1.0
Food products	66,169	66,116	65,972	0.1	0.2	0.4	66,621	64,222	64,787	62,947	517,786	488,681	6.0
Grain and oilseed milling	7,682	7,647	7,733	0.5	-1.1	-1.1	7,758	7,441	7,148	8,211	60,428	63,687	-5.1
Dairy products	9,739	9,771	9,683	-0.3	0.9	-0.5	9,843	9,780	9,589	8,699	76,458	67,384	13.5
Meat, poultry, and seafood products	20,171	20,490	20,460	-1.6	0.1	2.3	20,492	20,262	20,824	18,610	158,916	142,407	11.6
Beverage and tobacco products	12,288	12,252	12,027	0.3	1.9	1.8	12,656	12,450	12,807	12,560	95,451	95,639	-0.2
Beverages	8,767	8,690	8,700	0.9	-0.1	1.2	9,135	8,888	9,480	9,127	69,605	69,383	0.3
Tobacco	3,521	3,562	3,327	-1.2	7.1	3.5	3,521	3,562	3,327	3,433	25,846	26,256	-1.6
Textile mills	2,666	2,725	2,710	-2.2	0.6	0.9	2,794	2,670	2,859	2,815	21,742	21,231	2.4
Textile products	2,053	2,074	2,122	-1.0	-2.3	3.2	2,159	2,092	2,264	2,176	16,642	16,648	0.0
Apparel	1,177	1,241	1,251	-5.2	-0.8	2.5	1,284	1,278	1,183	1,241	9,119	8,567	6.4
Leather and allied products	504	497	499	1.4	-0.4	2.3	514	486	534	478	3,959	3,841	3.1
Paper products	14,528	14,504	14,424	0.2	0.6	-1.3	14,960	14,745	14,693	14,853	115,462	114,189	1.1
Pulp, paper, and paperboard mills	6,873	6,839	6,791	0.5	0.7	-0.7	7,125	6,980	6,861	6,953	54,173	53,470	1.3
Paperboard containers	4,467	4,456	4,410	0.2	1.0	-1.1	4,573	4,623	4,531	4,566	35,532	34,782	2.2
Printing	6,426	6,546	6,568	-1.8	-0.3	1.9	6,464	6,241	6,304	6,532	50,841	51,554	-1.4
Petroleum and coal products	69,282	70,263	72,888	-1.4	-3.6	0.6	74,395	74,144	74,232	78,554	578,548	585,415	-1.2
Petroleum refineries	65,614	66,663	69,329	-1.6	-3.8	0.6	70,020	69,959	70,088	74,339	549,571	557,151	-1.4
Chemical products	63,171	63,036	62,938	0.2	0.2	0.5	63,454	63,233	64,769	64,572	508,639	515,877	-1.4
Pesticides, fertilizers, and other agricultural chemicals	2,801	2,945	2,907	-4.9	1.3	3.7	2,234	2,438	2,955	2,160	24,336	23,229	4.8
Pharmaceuticals and medicines	14,500	14,302	14,854	1.4	-3.7	-0.2	14,343	14,170	15,030	15,614	117,914	122,947	-4.1
Paints, coatings, and adhesives	3,100	3,096	3,102	0.1	-0.2	1.2	3,252	3,384	3,417	3,290	25,604	25,318	1.1
Plastics and rubber products	18,984	19,039	18,970	-0.3	0.4	-0.7	19,531	19,220	19,817	19,467	153,341	149,522	2.6

[p] Preliminary [r] Revised data due to late receipts and concurrent seasonal adjustment.

[1] Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

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

[2] Estimates and percent changes of shipments for the semiconductor industry are no longer shown separately, but are included in computers and electronic products, and all other applicable aggregate totals.

Table 2. Value of Manufacturers' New Orders for Industry Groups[1]

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Aug. 2014[p]	July 2014[r]	June 2014	July - Aug.	June - July	May - June	Aug. 2014[p]	July 2014[r]	June 2014	Aug. 2013	2014[p]	2013	% Change 2014/ 2013
All manufacturing industries[2]	502,007	558,155	505,210	-10.1	10.5	1.5	503,258	543,697	527,512	488,949	4,014,809	3,849,083	4.3
Excluding transportation[2]	425,474	425,784	428,809	-0.1	-0.7	1.4	431,227	423,124	442,571	422,820	3,388,082	3,305,779	2.5
Excluding defense[2]	491,203	547,735	492,109	-10.3	11.3	1.5	495,143	535,996	509,197	480,246	3,926,038	3,769,266	4.2
With unfilled orders[2]	180,488	233,140	181,134	-22.6	28.7	4.0	172,888	221,810	194,800	157,869	1,435,700	1,308,821	9.7
Durable goods industries[2]	244,759	299,862	244,841	-18.4	22.5	2.7	238,426	282,916	263,263	222,754	1,943,279	1,797,919	8.1
Primary metals	27,546	27,896	27,996	-1.3	-0.4	2.0	27,418	27,638	28,220	25,721	219,722	206,602	6.4
Iron and steel mills	11,045	11,425	11,802	-3.3	-3.2	3.6	10,700	11,260	11,823	10,449	90,718	87,202	4.0
Aluminum and nonferrous metals	14,711	14,690	14,436	0.1	1.8	1.1	14,916	14,706	14,570	13,591	114,574	105,611	8.5
Ferrous metal foundries	1,790	1,781	1,758	0.5	1.3	-1.1	1,802	1,672	1,827	1,681	14,430	13,789	4.6
Fabricated metal products	30,674	30,673	30,715	0.0	-0.1	2.5	31,318	30,362	31,139	30,798	242,047	242,841	-0.3
Machinery	38,132	37,780	38,323	0.9	-1.4	5.0	36,763	36,230	40,214	33,863	300,207	278,801	7.7
Construction machinery	5,141	4,863	5,185	5.7	-6.2	-5.5	4,762	4,220	4,908	4,507	41,342	36,995	11.8
Mining, oil field, and gas field machinery	2,496	2,148	2,013	16.2	6.7	0.5	2,300	2,218	2,304	2,521	18,289	18,968	-3.6
Industrial machinery	6,021	5,684	4,825	5.9	17.8	2.9	5,892	5,371	5,221	3,689	39,255	29,399	33.5
Photographic equipment	770	720	545	6.9	32.1	-15.5	776	732	507	735	5,340	5,835	-8.5
Ventilation, heating, air-conditioning, and refrigeration equipment	3,914	3,773	3,758	3.7	0.4	-0.7	4,105	3,875	4,834	3,758	31,229	29,668	5.3
Metalworking machinery	3,379	3,314	3,230	2.0	2.6	4.7	3,232	3,249	3,304	3,118	25,092	23,561	6.5
Turbines, generators, and other power transmission equipment	3,932	4,606	5,015	-14.6	-8.2	18.0	3,752	4,465	5,368	4,087	34,602	33,251	4.1
Material handling equipment	3,252	3,227	3,440	0.8	-6.2	20.8	3,262	2,918	3,391	2,729	24,845	22,935	8.3
Computers and electronic products[2]	22,845	22,504	22,688	1.5	-0.8	3.8	20,848	19,562	26,352	18,824	171,151	163,867	4.4
Computers	497	586	688	-15.2	-14.8	-15.7	443	482	866	414	3,915	4,113	-4.8
Nondefense communications equipment	3,842	3,817	3,393	0.7	12.5	5.5	3,611	3,113	3,697	3,458	29,264	30,785	-4.9
Defense communications equipment	486	363	368	33.9	-1.4	7.3	466	279	419	334	2,839	2,881	-1.5
Electronic components	3,582	3,744	3,766	-4.3	-0.6	5.1	3,688	3,838	4,011	3,442	28,679	27,802	3.2
Nondefense search and navigation equipment	1,785	1,728	1,900	3.3	-9.1	8.4	1,667	1,588	2,184	1,577	13,771	12,863	7.1
Defense search and navigation equipment	2,891	2,732	3,054	5.8	-10.5	2.7	2,464	2,241	3,615	1,984	21,236	19,578	8.5
Electromedical, measuring, and control instruments	7,303	6,965	6,828	4.9	2.0	4.0	6,461	6,186	8,014	5,439	53,052	48,856	8.6
Electrical equipment, appliances, and components	10,800	10,590	10,918	2.0	-3.0	5.8	10,732	10,000	11,911	10,364	84,809	83,367	1.7
Electric lighting equipment	890	898	879	-0.9	2.2	-0.8	863	847	915	828	6,865	6,464	6.2
Household appliances	1,832	1,869	1,832	-2.0	2.0	4.0	1,783	1,806	1,870	1,736	14,087	13,202	6.7
Electrical equipment	3,439	3,519	3,507	-2.3	0.3	3.7	3,360	3,378	4,024	3,450	27,959	27,450	1.9
Transportation equipment	76,533	132,371	76,401	-42.2	73.3	2.2	72,031	120,573	84,941	66,129	626,727	543,304	15.4
Motor vehicle bodies, parts, and trailers	21,551	22,789	21,247	-5.4	7.3	0.9	22,389	19,705	22,014	21,054	169,177	154,579	9.4
Nondefense aircraft and parts	17,961	69,976	16,836	-74.3	315.6	11.2	14,004	69,225	18,041	8,449	162,612	108,326	50.1
Defense aircraft and parts	4,003	3,994	5,931	0.2	-32.7	9.5	2,711	3,226	7,451	3,268	33,040	28,730	15.0
Ships and boats	2,391	2,444	1,197	-2.2	104.2	-39.0	1,959	1,859	2,262	1,636	20,975	15,078	39.1
Furniture and related products	5,883	5,800	5,802	1.4	0.0	2.0	5,838	5,860	5,934	5,691	46,464	45,244	2.7
Nondurable goods industries	257,248	258,293	260,369	-0.4	-0.8	0.4	264,832	260,781	264,249	266,195	2,071,530	2,051,164	1.0

[p] Preliminary [r] Revised data due to late receipts and concurrent seasonal adjustment.

[1] Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

[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. For further details on survey design, methodology, and data limitations see <http://www.census.gov/manufacturing/m3/>.

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups[1]

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				% Change
	Aug. 2014[p]	July 2014[r]	June 2014	July - Aug.	June - July	May - June	Aug. 2014[p]	July 2014[r]	June 2014	Aug. 2013	Aug. 2014/ 2013
All manufacturing industries[2]	1,164,463	1,157,460	1,099,238	0.6	5.3	1.0	1,155,871	1,158,507	1,102,290	1,022,797	13.0
Excluding transportation[2]	422,699	419,708	417,415	0.7	0.5	1.3	420,857	421,946	421,178	395,284	6.5
Excluding defense[2]	975,206	967,182	907,541	0.8	6.6	1.1	967,613	966,744	907,821	826,937	17.0
Durable goods industries[2]	1,164,463	1,157,460	1,099,238	0.6	5.3	1.0	1,155,871	1,158,507	1,102,290	1,022,797	13.0
Primary metals	39,109	39,233	38,919	-0.3	0.8	2.4	38,522	39,427	39,174	34,801	10.7
Iron and steel mills	19,579	19,820	19,786	-1.2	0.2	3.4	19,219	19,995	19,984	17,168	11.9
Aluminum and nonferrous metals	15,221	15,128	14,840	0.6	1.9	2.0	15,000	15,175	14,893	13,500	11.1
Ferrous metal foundries	4,309	4,285	4,293	0.6	-0.2	-0.5	4,303	4,257	4,297	4,133	4.1
Fabricated metal products	86,770	86,399	85,987	0.4	0.5	0.6	87,114	87,520	87,299	89,628	-2.8
Machinery	120,603	119,356	118,502	1.0	0.7	2.2	119,936	119,508	119,289	106,791	12.3
Construction machinery	16,884	16,325	16,082	3.4	1.5	4.6	16,352	16,029	16,314	9,908	65.0
Mining, oil field, and gas field machinery	14,116	13,927	14,172	1.4	-1.7	-1.6	14,190	14,166	14,256	14,295	-0.7
Industrial machinery	8,593	8,605	8,638	-0.1	-0.4	-0.1	8,662	8,800	8,842	7,947	9.0
Photographic equipment	3,891	3,797	3,790	2.5	0.2	-3.6	3,936	3,835	3,769	3,999	-1.6
Ventilation, heating, air-conditioning, and refrigeration equipment	6,487	6,244	6,172	3.9	1.2	1.0	6,388	6,192	6,427	5,019	27.3
Metalworking machinery	6,236	6,027	5,890	3.5	2.3	0.5	6,125	5,978	5,865	5,867	4.4
Turbines, generators, and other power transmission equipment	29,031	29,384	28,878	-1.2	1.8	3.6	28,917	29,426	28,894	26,795	7.9
Material handling equipment	11,808	11,525	11,302	2.5	2.0	4.6	11,735	11,544	11,522	10,666	10.0
Computers and electronic products[2]	143,828	142,545	141,821	0.9	0.5	0.6	143,020	142,645	142,320	134,488	6.3
Computers	3,912	3,835	3,707	2.0	3.5	5.5	3,912	3,835	3,707	3,345	17.0
Nondefense communications equipment	35,100	34,625	34,191	1.4	1.3	-0.2	34,747	34,430	34,214	29,462	17.9
Defense communications equipment	3,523	3,404	3,508	3.5	-3.0	0.2	3,496	3,394	3,552	3,997	-12.5
Electronic components	12,860	12,862	12,865	0.0	0.0	0.4	12,954	12,873	12,812	12,913	0.3
Nondefense search and navigation equipment	20,742	20,354	19,981	1.9	1.9	2.7	20,844	20,544	20,181	16,937	23.1
Defense search and navigation equipment	41,138	41,228	41,387	-0.2	-0.4	0.3	40,903	41,308	41,596	42,482	-3.7
Electromedical, measuring, and control instruments	26,553	26,237	26,182	1.2	0.2	0.3	26,164	26,261	26,258	25,352	3.2
Electrical equipment, appliances, and components	24,692	24,541	24,556	0.6	-0.1	2.1	24,694	24,821	25,042	22,318	10.6
Electric lighting equipment	1,150	1,154	1,140	-0.3	1.2	0.4	1,152	1,162	1,170	1,197	-3.8
Household appliances	896	865	879	3.6	-1.6	4.1	817	841	853	713	14.6
Electrical equipment	12,212	12,151	12,018	0.5	1.1	1.0	12,287	12,353	12,191	11,451	7.3
Transportation equipment	741,764	737,752	681,823	0.5	8.2	0.8	735,014	736,561	681,112	627,513	17.1
Motor vehicle bodies, parts, and trailers	17,084	16,870	16,779	1.3	0.5	0.8	16,830	16,512	16,782	16,347	3.0
Nondefense aircraft and parts	570,059	565,320	508,738	0.8	11.1	0.8	564,427	563,240	505,737	454,478	24.2
Defense aircraft and parts	63,548	63,911	64,477	-0.6	-0.9	2.4	62,502	64,100	64,696	64,866	-3.6
Ships and boats	20,036	20,044	20,042	0.0	0.0	-5.6	20,342	20,752	21,171	20,193	0.7
Furniture and related products	6,596	6,520	6,518	1.2	0.0	1.2	6,470	6,911	6,942	6,175	4.8

[p] Preliminary [r] Revised data due to late receipts and concurrent seasonal adjustment.

[1] Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

[2] 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[1]

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				% Change
	Aug. 2014[p]	July 2014[r]	June 2014	July - Aug.	June - July	May - June	Aug. 2014[p]	July 2014[r]	June 2014	Aug. 2013	Aug. 2014/ 2013
All manufacturing industries	653,917	653,068	652,952	0.1	0.0	0.2	658,128	656,295	648,157	635,043	3.6
Excluding transportation	524,021	523,745	524,023	0.1	-0.1	0.0	527,115	525,687	520,287	516,487	2.1
Excluding defense	624,572	623,871	623,573	0.1	0.0	0.1	628,839	626,949	618,794	607,912	3.4
With unfilled orders	331,069	329,341	327,562	0.5	0.5	0.5	334,638	332,515	325,930	313,575	6.7
Durable goods industries	403,084	401,361	399,598	0.4	0.4	0.4	406,946	404,423	397,053	382,723	6.3
Wood products	10,699	10,684	10,668	0.1	0.1	0.8	10,606	10,512	10,467	9,847	7.7
Nonmetallic mineral products	12,004	12,064	12,234	-0.5	-1.4	0.6	11,952	12,122	12,391	11,676	2.4
Primary metals	37,116	36,827	36,431	0.8	1.1	0.6	37,407	36,932	36,439	35,068	6.7
Iron and steel mills	21,382	21,132	20,951	1.2	0.9	0.9	21,550	21,170	21,012	20,142	7.0
Aluminum and nonferrous metals	13,453	13,418	13,205	0.3	1.6	0.2	13,571	13,516	13,191	12,684	7.0
Ferrous metal foundries	2,281	2,277	2,275	0.2	0.1	1.1	2,286	2,246	2,236	2,242	2.0
Fabricated metal products	49,897	49,646	49,329	0.5	0.6	0.5	50,153	50,186	49,340	47,644	5.3
Machinery	67,425	67,326	67,149	0.1	0.3	0.6	68,256	67,641	66,408	66,507	2.6
Farm machinery	3,853	3,960	4,018	-2.7	-1.4	2.8	3,677	3,850	4,041	3,712	-0.9
Construction machinery	5,096	5,076	4,997	0.4	1.6	4.0	5,043	5,013	4,982	5,237	-3.7
Mining, oil field, and gas field machinery	6,470	6,547	6,474	-1.2	1.1	-6.8	6,561	6,614	6,487	7,331	-10.5
Industrial machinery	6,777	6,758	6,737	0.3	0.3	1.1	6,842	6,714	6,734	6,321	8.2
Photographic equipment	1,573	1,526	1,522	3.1	0.3	0.4	1,623	1,554	1,496	1,689	-3.9
Ventilation, heating, air-conditioning, and refrigeration equipment	5,118	5,048	4,988	1.4	1.2	1.3	5,207	5,167	5,046	4,897	6.3
Metalworking machinery	5,629	5,629	5,603	0.0	0.5	0.9	5,770	5,714	5,620	5,629	2.5
Turbines, generators, and other power transmission equipment	10,883	10,757	10,748	1.2	0.1	0.0	11,429	11,005	10,229	10,739	6.4
Material handling equipment	4,714	4,694	4,683	0.4	0.2	0.7	4,859	4,809	4,683	4,637	4.8
Computers and electronic products[2]	48,685	48,446	48,459	0.5	0.0	-0.5	49,611	48,968	47,861	47,289	4.9
Computers	910	917	895	-0.8	2.5	0.2	976	944	883	1,002	-2.6
Computer storage devices	2,077	2,088	1,997	-0.5	4.6	2.8	2,169	2,135	1,851	2,061	5.2
Other peripheral equipment	1,677	1,697	1,706	-1.2	-0.5	-2.4	1,736	1,724	1,663	1,685	3.0
Nondefense communications equipment	6,546	6,499	6,600	0.7	-1.5	-0.2	6,634	6,469	6,505	6,255	6.1
Defense communications equipment	1,075	1,163	1,198	-7.6	-2.9	1.1	1,075	1,163	1,198	1,258	-14.5
Audio and video equipment	859	846	811	1.5	4.3	1.8	929	857	755	721	28.8
Electronic components	8,971	8,857	8,878	1.3	-0.2	1.1	8,996	8,960	8,680	8,089	11.2
Nondefense search and navigation equipment	3,794	3,791	3,782	0.1	0.2	1.3	3,849	3,822	3,729	3,650	5.5
Defense search and navigation equipment	3,267	3,233	3,168	1.1	2.1	0.5	3,296	3,307	3,191	2,841	16.0
Electromedical, measuring and control instruments	13,030	12,894	12,791	1.1	0.8	0.1	13,324	13,088	12,724	12,663	5.2
Electrical equipment, appliances, and components	16,772	16,636	16,199	0.8	2.7	-2.4	16,934	16,839	16,177	16,932	0.0
Electric lighting equipment	2,281	2,271	2,266	0.4	0.2	0.0	2,314	2,356	2,269	2,128	8.7
Household appliances	2,024	2,004	2,000	1.0	0.2	0.7	2,073	2,049	1,998	1,833	13.1
Electrical equipment	4,825	4,808	4,775	0.4	0.7	-0.4	4,866	4,866	4,703	4,930	-1.3
Batteries	1,193	1,213	1,208	-1.6	0.4	2.6	1,234	1,227	1,200	1,209	2.1
Transportation equipment	129,896	129,323	128,929	0.4	0.3	0.9	131,013	130,608	127,870	118,556	10.5
Automobiles	2,869	2,840	2,726	1.0	4.2	5.3	2,844	2,856	2,546	2,566	10.8
Light trucks and utility vehicles	2,744	2,783	2,833	-1.4	-1.8	1.0	2,773	2,813	2,615	2,441	13.6
Heavy duty trucks	1,554	1,548	1,615	0.4	-4.1	-3.6	1,541	1,513	1,573	1,742	-11.5
Motor vehicle bodies, parts, and trailers	19,689	19,496	19,416	1.0	0.4	0.9	19,845	19,670	19,161	18,701	6.1
Nondefense aircraft and parts	73,116	73,024	72,478	0.1	0.8	0.4	73,906	73,865	72,266	65,204	13.3
Defense aircraft and parts	14,593	14,421	14,199	1.2	1.6	-0.2	14,642	14,546	14,221	13,498	8.5
Ships and boats	2,274	2,306	2,384	-1.4	-3.3	3.9	2,244	2,257	2,384	2,355	-4.7
Furniture and related products	6,288	6,244	6,214	0.7	0.5	0.5	6,420	6,425	6,381	6,117	5.0
Miscellaneous durable goods	24,302	24,165	23,986	0.6	0.7	0.5	24,594	24,190	23,719	23,087	6.5
Nondurable goods industries	250,833	251,707	253,354	-0.3	-0.7	-0.2	251,182	251,872	251,104	252,320	-0.5
Food products	47,541	47,625	47,552	-0.2	0.2	0.6	47,944	47,009	46,152	47,667	0.6
Grain and oilseed milling	4,863	4,914	4,990	-1.0	-1.5	-0.8	4,707	4,679	4,794	4,957	-5.0
Dairy products	6,552	6,444	6,420	1.7	0.4	2.1	6,738	6,703	6,694	6,214	8.4
Meat, poultry, and seafood products	9,387	9,398	9,402	-0.1	0.0	0.3	9,509	9,415	9,221	9,227	3.1
Beverage and tobacco products	20,754	20,767	20,846	-0.1	-0.4	0.8	20,032	20,057	20,281	19,671	1.8
Beverages	16,678	16,605	16,617	0.4	-0.1	1.0	16,192	16,095	16,234	15,760	2.7
Tobacco	4,076	4,162	4,229	-2.1	-1.6	0.1	3,840	3,962	4,047	3,911	-1.8
Textile mills	3,467	3,457	3,433	0.3	0.7	-0.4	3,482	3,482	3,472	3,363	3.5
Textile products	3,158	3,152	3,131	0.2	0.7	-0.7	3,168	3,159	3,151	3,072	3.1
Apparel	2,743	2,745	2,700	-0.1	1.7	2.2	2,908	2,905	2,732	2,326	25.0
Leather and allied products	1,062	1,067	1,070	-0.5	-0.3	1.0	1,090	1,087	1,081	1,083	0.6
Paper products	14,576	14,572	14,547	0.0	0.2	0.8	14,662	14,607	14,490	14,556	0.7
Pulp, paper, and paperboard mills	6,019	6,030	6,072	-0.2	-0.7	0.9	6,057	6,041	6,045	6,162	-1.7
Paperboard containers	4,385	4,382	4,352	0.1	0.7	0.5	4,381	4,368	4,325	4,164	5.2
Printing	5,851	5,866	5,858	-0.3	0.1	-0.1	6,077	6,015	5,856	5,714	6.4
Petroleum and coal products	47,521	48,400	49,989	-1.8	-3.2	-0.4	47,636	48,910	49,234	50,072	-4.9
Petroleum refineries	43,695	44,601	46,254	-2.0	-3.6	-0.4	43,766	45,051	45,472	46,426	-5.7
Chemical products	81,592	81,567	81,805	0.0	-0.3	-0.7	81,751	82,187	82,192	82,498	-0.9
Pesticides, fertilizers, and other agricultural chemicals	4,353	4,319	4,336	0.8	-0.4	-1.7	4,044	4,006	3,994	3,916	3.3
Pharmaceuticals and medicines	30,894	31,091	31,388	-0.6	-0.9	-1.2	30,928	31,403	31,993	31,712	-2.5
Paints, coatings, and adhesives	3,376	3,385	3,368	-0.3	0.5	0.2	3,376	3,454	3,445	3,244	4.1
Plastics and rubber products	22,568	22,489	22,423	0.4	0.3	-1.7	22,432	22,454	22,463	22,298	0.6

[p] Preliminary [r] Revised data due to late receipts and concurrent seasonal adjustment.

[1] Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

[2] Estimates of inventories for the semiconductor industry data are included in computers and electronic products and all other applicable aggregate totals, 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, 2]

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		% Change[6]
	Aug. 2014[p]	July 2014[r]	June 2014	July - Aug.	June - July	May - June	Aug. 2014[p]	July 2014[r]	June 2014	Aug. 2013	2014[p]	2013	2014/ 2013
SHIPMENTS													
All manufacturing industries	503,106	508,108	501,319	-1.0	1.4	0.8	513,768	497,821	522,242	504,328	3,980,630	3,872,026	2.8
Construction materials and supplies	46,156	46,144	45,720	0.0	0.9	1.5	49,570	48,625	50,217	46,957	363,506	346,999	4.8
Information technology	22,211	22,191	22,106	0.1	0.4	1.8	21,244	19,535	25,852	20,596	169,154	166,078	1.9
Computers and related products	2,157	2,315	2,452	-6.8	-5.6	5.1	1,738	1,584	3,537	2,008	16,730	16,838	-0.6
Motor vehicle and parts	47,397	50,813	46,167	-6.7	10.1	-1.2	48,904	42,884	48,528	48,604	371,699	356,044	4.4
Capital goods	89,389	89,195	87,528	0.2	1.9	2.6	87,906	83,116	96,679	83,484	682,423	655,342	4.1
Nondefense capital goods[3]	79,709	79,602	78,117	0.1	1.9	3.1	78,338	74,661	86,540	73,265	607,860	578,761	5.0
Excluding aircraft	70,372	70,307	68,937	0.1	2.0	1.0	69,104	66,549	75,788	65,374	543,168	520,057	4.4
Defense capital goods[4]	9,680	9,593	9,411	0.9	1.9	-0.9	9,568	8,455	10,139	10,219	74,563	76,581	-2.6
Consumer goods	211,426	214,382	214,022	-1.4	0.2	0.0	217,636	209,857	216,697	219,830	1,697,017	1,673,737	1.4
Consumer durable goods	37,323	39,458	36,226	-5.4	8.9	-2.2	37,853	33,310	38,079	38,353	292,543	286,965	1.9
Consumer nondurable goods	174,103	174,924	177,796	-0.5	-1.6	0.5	179,783	176,547	178,618	181,477	1,404,474	1,386,772	1.3
NEW ORDERS													
All manufacturing industries[5]	502,007	558,155	505,210	-10.1	10.5	1.5	503,258	543,697	527,512	488,949	4,014,809	3,849,083	4.3
Construction materials and supplies	46,684	46,649	46,337	0.1	0.7	1.6	49,572	49,033	50,293	46,624	369,102	348,662	5.9
Information technology	23,653	22,777	23,180	3.8	-1.7	4.5	21,612	19,502	26,978	19,488	176,065	170,865	3.0
Computers and related products	2,234	2,443	2,646	-8.6	-7.7	-1.2	1,815	1,712	3,731	1,929	17,253	16,956	1.8
Motor vehicle and parts	47,611	50,904	46,296	-6.5	10.0	-1.2	49,222	42,614	48,514	48,586	372,013	355,606	4.6
Capital goods	95,405	144,635	94,856	-34.0	52.5	4.9	87,149	136,223	105,830	77,183	761,230	684,686	11.2
Nondefense capital goods[3]	86,647	136,323	84,734	-36.4	60.9	5.1	80,314	130,082	91,407	70,106	689,255	619,896	11.2
Excluding aircraft	73,096	72,836	72,944	0.4	-0.1	5.4	69,587	67,793	78,528	64,697	564,210	539,653	4.6
Defense capital goods[4]	8,758	8,312	10,122	5.4	-17.9	4.0	6,835	6,141	14,423	7,077	71,975	64,790	11.1
Consumer goods	211,463	214,313	214,152	-1.3	0.1	0.0	217,417	209,844	216,621	219,697	1,697,099	1,673,912	1.4
Consumer durable goods	37,360	39,389	36,356	-5.2	8.3	-2.2	37,634	33,297	38,003	38,220	292,625	287,140	1.9
Consumer nondurable goods	174,103	174,924	177,796	-0.5	-1.6	0.5	179,783	176,547	178,618	181,477	1,404,474	1,386,772	1.3
UNFILLED ORDERS													
All manufacturing industries[5]	1,164,463	1,157,460	1,099,238	0.6	5.3	1.0	1,155,871	1,158,507	1,102,290	1,022,797	(X)	(X)	13.0
Construction materials and supplies	56,331	55,803	55,298	0.9	0.9	1.1	56,497	56,495	56,087	51,331	(X)	(X)	10.1
Information technology	145,293	143,851	143,265	1.0	0.4	0.8	144,440	144,072	144,105	134,531	(X)	(X)	7.4
Computers and related products	3,912	3,835	3,707	2.0	3.5	5.5	3,912	3,835	3,707	3,345	(X)	(X)	17.0
Motor vehicle and parts	17,084	16,870	16,779	1.3	0.5	0.8	16,830	16,512	16,782	16,347	(X)	(X)	3.0
Capital goods	889,892	883,876	828,436	0.7	6.7	0.9	883,252	884,009	830,902	770,558	(X)	(X)	14.6
Nondefense capital goods[3]	731,602	724,664	667,943	1.0	8.5	1.0	725,266	723,290	667,869	604,406	(X)	(X)	20.0
Excluding aircraft	250,917	248,193	245,664	1.1	1.0	1.7	249,687	249,204	247,960	227,435	(X)	(X)	9.8
Defense capital goods[4]	158,290	159,212	160,493	-0.6	-0.8	0.4	157,986	160,719	163,033	166,152	(X)	(X)	-4.9
Consumer goods	4,872	4,835	4,904	0.8	-1.4	2.7	4,615	4,834	4,847	4,248	(X)	(X)	8.6
Consumer durable goods	4,872	4,835	4,904	0.8	-1.4	2.7	4,615	4,834	4,847	4,248	(X)	(X)	8.6
TOTAL INVENTORIES													
All manufacturing industries	653,917	653,068	652,952	0.1	0.0	0.2	658,128	656,295	648,157	635,043	(X)	(X)	3.6
Construction materials and supplies	64,871	64,642	64,623	0.4	0.0	0.4	64,982	65,073	64,639	61,837	(X)	(X)	5.1
Information technology	41,470	41,207	40,632	0.6	1.4	-0.8	42,273	41,613	40,209	40,863	(X)	(X)	3.5
Computers and related products	4,664	4,702	4,598	-0.8	2.3	0.3	4,881	4,803	4,397	4,748	(X)	(X)	2.8
Motor vehicle and parts	26,856	26,667	26,590	0.7	0.3	1.1	27,003	26,852	25,895	25,450	(X)	(X)	6.1
Capital goods	207,840	207,237	205,732	0.3	0.7	0.3	210,445	208,915	204,687	196,628	(X)	(X)	7.0
Nondefense capital goods[3]	183,908	183,434	181,719	0.3	0.9	0.1	186,618	185,088	180,712	174,666	(X)	(X)	6.8
Excluding aircraft	122,830	122,325	121,492	0.4	0.7	0.0	124,759	123,192	120,369	120,992	(X)	(X)	3.1
Defense capital goods[4]	23,932	23,803	24,013	0.5	-0.9	1.8	23,827	23,827	23,975	21,962	(X)	(X)	8.5
Consumer goods	188,855	189,953	191,634	-0.6	-0.9	0.2	189,208	189,660	188,765	189,032	(X)	(X)	0.1
Consumer durable goods	27,083	27,003	26,833	0.3	0.6	1.2	27,312	27,029	26,078	24,961	(X)	(X)	9.4
Consumer nondurable goods	161,772	162,950	164,801	-0.7	-1.1	0.0	161,896	162,631	162,687	164,071	(X)	(X)	-1.3

X Not Applicable **[p]** Preliminary **[r]** Revised data due to late receipts and concurrent seasonal adjustment.

[1] Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

[2] Topical series are regroupings of the separate industry categories.

[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[1]

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				% Change
	Aug. 2014[p]	July 2014[r]	June 2014	July - Aug.	June - July	May - June	Aug. 2014[p]	July 2014[r]	June 2014	Aug. 2013	Aug. 2014/ 2013
MATERIALS AND SUPPLIES											
All manufacturing industries	211,708	212,137	211,415	-0.2	0.3	0.0	212,395	212,937	208,957	204,805	3.7
Durable goods industries	131,640	131,532	130,422	0.1	0.9	0.4	132,760	132,258	128,692	125,381	5.9
Wood products	4,077	4,089	4,063	-0.3	0.6	1.9	4,102	4,008	3,833	3,844	6.7
Nonmetallic mineral products	4,415	4,463	4,576	-1.1	-2.5	0.8	4,408	4,485	4,594	4,430	-0.5
Primary metals	14,299	14,364	14,076	-0.5	2.0	0.1	14,431	14,379	13,981	14,145	2.0
Fabricated metal products	18,139	18,014	17,956	0.7	0.3	0.3	18,248	18,214	17,849	17,321	5.4
Machinery	25,627	25,460	25,242	0.7	0.9	-0.7	26,034	25,850	25,078	24,644	5.6
Computers and electronic products	19,648	19,642	19,390	0.0	1.3	0.1	19,813	19,820	19,095	18,322	8.1
Electrical equipment, appliances, and components	6,817	6,759	6,489	0.9	4.2	-3.9	6,883	6,843	6,536	7,215	-4.6
Transportation equipment	27,960	28,133	28,127	-0.6	0.0	2.1	28,081	27,957	27,215	25,416	10.5
Furniture and related products	3,037	3,044	3,039	-0.2	0.2	1.8	3,061	3,100	3,079	2,831	8.1
Miscellaneous products	7,621	7,564	7,464	0.8	1.3	2.3	7,699	7,602	7,432	7,213	6.7
Nondurable goods industries	80,068	80,605	80,993	-0.7	-0.5	-0.5	79,635	80,679	80,265	79,424	0.3
Food products	16,509	16,398	16,582	0.7	-1.1	0.7	16,240	16,216	16,095	15,954	1.8
Beverage and tobacco products	5,036	5,187	5,285	-2.9	-1.9	0.4	4,852	4,999	5,150	5,139	-5.6
Textiles	1,213	1,213	1,216	0.0	-0.2	-0.7	1,220	1,228	1,242	1,227	-0.6
Textile products	1,320	1,321	1,313	-0.1	0.6	-0.2	1,323	1,332	1,326	1,221	8.4
Apparel	915	908	882	0.8	2.9	2.7	930	920	896	735	26.5
Leather and allied products	312	305	300	2.3	1.7	-1.0	316	310	302	318	-0.6
Paper products	6,989	6,988	6,962	0.0	0.4	0.7	6,959	6,962	6,870	6,788	2.5
Printing	2,486	2,539	2,535	-2.1	0.2	-1.1	2,538	2,597	2,524	2,516	0.9
Petroleum and coal products	12,115	12,722	12,875	-4.8	-1.2	-1.1	12,054	12,814	12,788	13,230	-8.9
Chemical products	24,062	23,878	23,954	0.8	-0.3	-1.9	24,144	24,096	23,993	23,397	3.2
Plastics and rubber products	9,111	9,146	9,089	-0.4	0.6	-0.1	9,059	9,205	9,079	8,899	1.8
WORK IN PROCESS											
All manufacturing industries	214,922	213,472	213,372	0.7	0.0	0.5	215,242	214,470	211,818	201,734	6.7
Durable goods industries	162,090	160,935	160,527	0.7	0.3	0.7	163,890	162,985	160,297	152,122	7.7
Wood products	2,014	2,019	2,050	-0.2	-1.5	2.6	2,012	2,028	2,063	1,776	13.3
Nonmetallic mineral products	1,393	1,387	1,400	0.4	-0.9	0.8	1,394	1,413	1,432	1,355	2.9
Primary metals	11,003	10,920	10,741	0.8	1.7	0.6	11,239	11,069	10,802	10,549	6.5
Fabricated metal products	14,058	14,009	13,838	0.3	1.2	1.1	14,234	14,164	13,767	13,626	4.5
Machinery	19,621	19,479	19,964	0.7	-2.4	3.6	20,013	19,581	19,686	19,359	3.4
Computers and electronic products	16,060	16,241	16,274	-1.1	-0.2	-0.9	16,279	16,528	16,192	16,049	1.4
Electrical equipment, appliances, and components	3,724	3,652	3,588	2.0	1.8	-2.2	3,782	3,679	3,571	3,775	0.2
Transportation equipment	89,398	88,466	87,993	1.1	0.5	0.4	90,050	89,711	88,099	80,988	11.2
Furniture and related products	1,017	1,010	1,000	0.7	1.0	0.7	1,025	1,028	1,013	983	4.3
Miscellaneous products	3,802	3,752	3,679	1.3	2.0	-1.8	3,862	3,784	3,672	3,662	5.5
Nondurable goods industries	52,832	52,537	52,845	0.6	-0.6	-0.2	51,352	51,485	51,521	49,612	3.5
Food products	5,044	5,116	4,991	-1.4	2.5	1.8	4,498	4,501	4,348	4,139	8.7
Beverage and tobacco products	7,375	7,237	7,200	1.9	0.5	0.1	6,588	6,459	6,623	6,177	6.7
Textiles	784	781	765	0.4	2.1	0.0	797	792	768	739	7.8
Textile products	452	445	439	1.6	1.4	0.7	455	445	436	422	7.8
Apparel	369	374	375	-1.3	-0.3	0.8	397	408	398	339	17.1
Leather and allied products	87	93	96	-6.5	-3.1	-1.0	86	93	90	100	-14.0
Paper products	1,398	1,399	1,385	-0.1	1.0	0.1	1,414	1,415	1,389	1,438	-1.7
Printing	1,284	1,303	1,316	-1.5	-1.0	0.9	1,392	1,350	1,237	1,354	2.8
Petroleum and coal products	14,574	14,470	15,084	0.7	-4.1	-2.4	14,587	14,631	14,663	14,726	-0.9
Chemical products	18,767	18,662	18,551	0.6	0.6	1.2	18,436	18,730	18,926	17,524	5.2
Plastics and rubber products	2,698	2,657	2,643	1.5	0.5	-2.1	2,702	2,661	2,643	2,654	1.8
FINISHED GOODS											
All manufacturing industries	227,287	227,459	228,165	-0.1	-0.3	0.0	230,491	228,888	227,382	228,504	0.9
Durable goods industries	109,354	108,894	108,649	0.4	0.2	0.0	110,296	109,180	108,064	105,220	4.8
Wood products	4,608	4,576	4,555	0.7	0.5	-0.9	4,492	4,476	4,571	4,227	6.3
Nonmetallic mineral products	6,196	6,214	6,258	-0.3	-0.7	0.3	6,150	6,224	6,365	5,891	4.4
Primary metals	11,814	11,543	11,614	2.3	-0.6	1.4	11,737	11,484	11,656	10,374	13.1
Fabricated metal products	17,700	17,623	17,535	0.4	0.5	0.1	17,671	17,808	17,724	16,697	5.8
Machinery	22,177	22,387	21,943	-0.9	2.0	-0.6	22,209	22,210	21,644	22,504	-1.3
Computers and electronic products	12,977	12,563	12,795	3.3	-1.8	-0.7	13,519	12,620	12,574	12,918	4.7
Electrical equipment, appliances, and components	6,231	6,225	6,122	0.1	1.7	-0.9	6,269	6,317	6,070	5,942	5.5
Transportation equipment	12,538	12,724	12,809	-1.5	-0.7	1.2	12,882	12,940	12,556	12,152	6.0
Furniture and related products	2,234	2,190	2,175	2.0	0.7	-1.5	2,334	2,297	2,289	2,303	1.3
Miscellaneous products	12,879	12,849	12,843	0.2	0.0	0.1	13,033	12,804	12,615	12,212	6.7
Nondurable goods industries	117,933	118,565	119,516	-0.5	-0.8	-0.1	120,195	119,708	119,318	123,284	-2.5
Food products	25,988	26,111	25,979	-0.5	0.5	0.3	27,206	26,292	25,709	27,574	-1.3
Beverage and tobacco products	8,343	8,343	8,361	0.0	-0.2	1.7	8,592	8,599	8,508	8,355	2.8
Textiles	1,470	1,463	1,452	0.5	0.8	-0.3	1,465	1,462	1,462	1,397	4.9
Textile products	1,386	1,386	1,379	0.0	0.5	-1.6	1,390	1,382	1,389	1,429	-2.7
Apparel	1,459	1,463	1,443	-0.3	1.4	2.2	1,581	1,577	1,438	1,252	26.3
Leather and allied products	663	669	674	-0.9	-0.7	2.3	688	684	689	665	3.5
Paper products	6,189	6,185	6,200	0.1	-0.2	1.1	6,289	6,230	6,231	6,330	-0.6
Printing	2,081	2,024	2,007	2.8	0.8	0.7	2,147	2,068	2,095	1,844	16.4
Petroleum and coal products	20,832	21,208	22,030	-1.8	-3.7	1.4	20,995	21,465	21,783	22,116	-5.1
Chemical products	38,763	39,027	39,300	-0.7	-0.7	-0.9	39,171	39,361	39,273	41,577	-5.8
Plastics and rubber products	10,759	10,686	10,691	0.7	0.0	-3.0	10,671	10,588	10,741	10,745	-0.7

[p] Preliminary [r] Revised data due to late receipts and concurrent seasonal adjustment.

[1] Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

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 [1]

[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio[2]			
	Aug 2014[p]	Jul 2014[r]	Jun 2014	May 2014	Aug 2014[p]	Jul 2014[r]	Jun 2014	May 2014
All manufacturing industries[3]	1.30	1.29	1.30	1.31	(X)	(X)	(X)	(X)
Durable goods industries[3]	1.64	1.61	1.66	1.67	6.71	6.62	6.47	6.52
Wood products	1.24	1.25	1.25	1.28	(X)	(X)	(X)	(X)
Nonmetallic mineral products	1.32	1.31	1.35	1.36	(X)	(X)	(X)	(X)
Primary metals	1.34	1.34	1.35	1.35	1.41	1.42	1.44	1.42
Fabricated metal products	1.65	1.64	1.64	1.66	2.95	2.94	2.95	2.97
Machinery	1.83	1.82	1.88	1.86	3.43	3.43	3.53	3.46
Computers and electronic products[3]	1.64	1.62	1.67	1.71	7.53	7.42	7.43	7.53
Electrical equipment, appliances, and components	1.57	1.57	1.56	1.63	2.56	2.56	2.61	2.62
Transportation equipment	1.79	1.69	1.82	1.83	15.97	15.27	14.91	15.38
Furniture and related products	1.08	1.08	1.09	1.10	1.34	1.33	1.35	1.36
Miscellaneous products	1.66	1.66	1.66	1.64	(X)	(X)	(X)	(X)
Nondurable goods industries	0.98	0.97	0.97	0.98	(X)	(X)	(X)	(X)
Food products	0.72	0.72	0.72	0.72	(X)	(X)	(X)	(X)
Beverage and tobacco products	1.69	1.69	1.73	1.75	(X)	(X)	(X)	(X)
Textiles	1.30	1.27	1.27	1.28	(X)	(X)	(X)	(X)
Textile products	1.54	1.52	1.48	1.53	(X)	(X)	(X)	(X)
Apparel	2.33	2.21	2.16	2.17	(X)	(X)	(X)	(X)
Leather and allied products	2.11	2.15	2.14	2.17	(X)	(X)	(X)	(X)
Paper products	1.00	1.00	1.01	0.99	(X)	(X)	(X)	(X)
Printing	0.91	0.90	0.89	0.91	(X)	(X)	(X)	(X)
Petroleum and coal products	0.69	0.69	0.69	0.69	(X)	(X)	(X)	(X)
Chemical products	1.29	1.29	1.30	1.32	(X)	(X)	(X)	(X)
Plastics and rubber products	1.19	1.18	1.18	1.19	(X)	(X)	(X)	(X)

X Not Applicable **[p] Preliminary** **[r] Revised data due to late receipts and concurrent seasonal adjustment.**

[2] 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.

[3] Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes [1]

[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Aug[2] 2014	Aug[3] 2013-Jul 2014	Aug[2] 2014	Aug[3] 2013-Jul 2014	Aug[2] 2014	Aug[3] 2013-Jul 2014	Aug[2] 2014	Aug[3] 2013-Jul 2014
All manufacturing industries	(X)	0.1	(X)	0.3	(X)	0.1	(X)	0.1
Durable goods industries	-0.1	0.3	-0.2	0.6	0.0	0.1	0.0	0.1
Wood products	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Nonmetallic mineral products	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals	-0.1	0.5	-0.6	0.5	-0.5	0.4	0.1	0.3
Fabricated metal products	-0.4	0.3	-0.3	1.4	0.0	0.2	0.1	0.1
Machinery	0.1	0.5	0.2	0.8	0.0	0.2	-0.2	0.2
Computers and electronic products	-0.2	0.6	-0.2	1.2	0.0	0.2	0.2	0.2
Electrical equipment, appliances, and components	-0.5	0.9	-1.1	1.1	-0.4	0.5	0.1	0.8
Transportation equipment	0.0	0.4	-0.2	0.9	-0.1	0.1	0.0	0.1
Furniture and related products	(X)	0.5	(X)	0.6	(X)	0.5	(X)	0.2
Miscellaneous products	(X)	0.5	(X)	0.5	(X)	0.3	(X)	0.2
Nondurable goods industries	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Textiles	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Textile products	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.3
Paper products	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.6
Petroleum and coal products	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.5
Chemical products	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.5

X Not Applicable **NA Not Available**

[1] Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

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

[3] 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 65 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 60 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 will be published in the full report. Corrections received after the full report will be released in the next month's advance report. Any revisions made later than two months will be reflected in the annual benchmark publication.

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