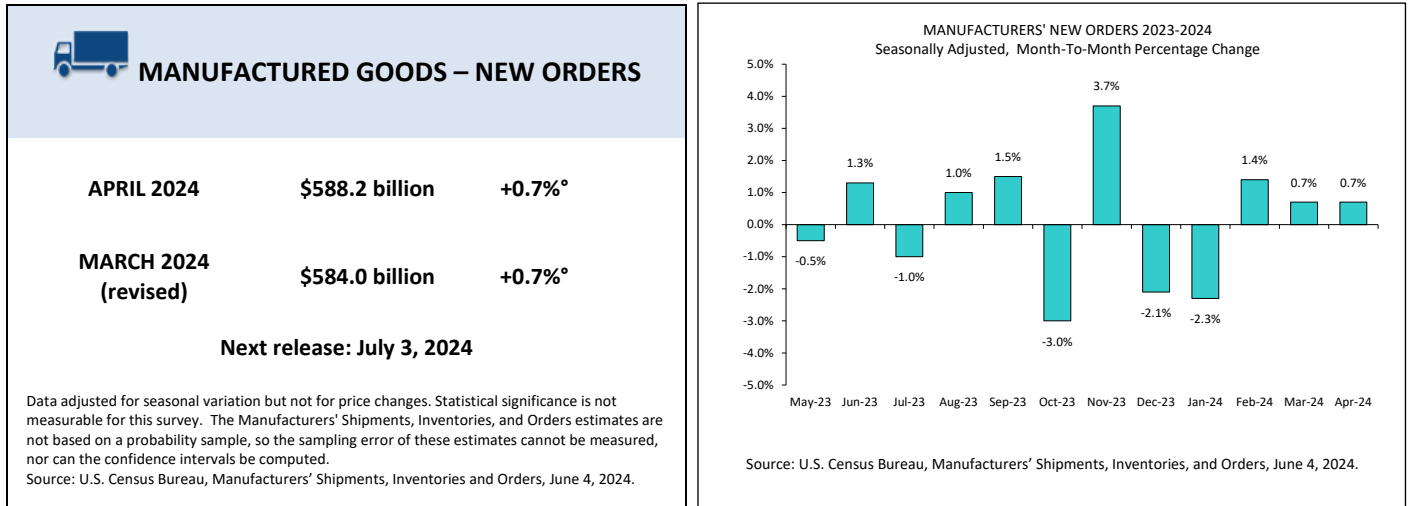


# MONTHLY FULL REPORT ON MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS APRIL 2024

Release Number: CB 24-80 M3-2 (24)-04

**June 4, 2024** — The U.S. Census Bureau announces the April full report on manufacturers' shipments, inventories and orders:



## Summary

New orders for manufactured goods in April, up three consecutive months, increased \$4.3 billion or 0.7 percent to \$588.2 billion, the U.S. Census Bureau reported today. This followed a 0.7 percent March increase. Shipments, also up three consecutive months, increased \$5.9 billion or 1.0 percent to \$590.2 billion. This followed a 0.4 percent March increase. Unfilled orders, up forty-five consecutive months, increased \$2.8 billion or 0.2 percent to \$1,400.6 billion. This followed a 0.3 percent March increase. The unfilled orders-to-shipments ratio was 7.10, down from 7.20 in March. Inventories, up four of the last five months, increased \$0.9 billion or 0.1 percent to \$858.3 billion. This followed a virtually unchanged March increase. The inventories-to-shipments ratio was 1.45, down from 1.47 in March.

## New Orders

New orders for manufactured durable goods in April, up three consecutive months, increased \$1.8 billion or 0.6 percent to \$283.9 billion, down from the previously published 0.7 percent increase. This followed a 0.8 percent March increase. Transportation equipment, also up three consecutive months, led the increase, \$1.0 billion or 1.1 percent to \$96.0 billion. New orders for manufactured nondurable goods increased \$2.4 billion or 0.8 percent to \$304.3 billion.

### Data Inquiries

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## Shipments

Shipments of manufactured durable goods in April, up three consecutive months, increased \$3.5 billion or 1.2 percent to \$285.9 billion, unchanged from the previously published increase. This followed a 0.1 percent March increase. Transportation equipment, also up three consecutive months, led the increase, \$3.1 billion or 3.4 percent to \$93.0 billion. Shipments of manufactured nondurable goods, up four of the last five months, increased \$2.4 billion or 0.8 percent to \$304.3 billion. This followed a 0.7 percent March increase. Petroleum and coal products, up three consecutive months, led the increase, \$1.5 billion or 2.2 percent to \$70.2 billion.

## Unfilled Orders

Unfilled orders for manufactured durable goods in April, up forty-five consecutive months, increased \$2.8 billion or 0.2 percent to \$1,400.6 billion, unchanged from the previously published increase. This followed a 0.3 percent March increase. Transportation equipment, up forty-two of the last forty-three months, drove the increase, \$3.0 billion or 0.3 percent to \$906.6 billion.

## Inventories

Inventories of manufactured durable goods in April, up four of the last five months, increased \$0.6 billion or 0.1 percent to \$528.5 billion, unchanged from the previously published increase. This followed a virtually unchanged March decrease. Transportation equipment, up ten of the last eleven months, drove the increase, \$0.6 billion or 0.4 percent to \$170.9 billion. Inventories of manufactured nondurable goods, up three consecutive months, increased \$0.4 billion or 0.1 percent to \$329.9 billion. This followed a 0.1 percent March increase. Chemical products, up following three consecutive monthly decreases, led the increase, \$0.2 billion or 0.2 percent to \$112.9 billion. By stage of fabrication, April materials and supplies were virtually unchanged in durable goods and increased 0.5 percent in nondurable goods. Work in process increased 0.5 percent in durable goods and decreased 0.1 percent in nondurable goods. Finished goods decreased 0.2 percent in durable goods and 0.1 percent in nondurable goods.

The Advance Report on durable goods for May is scheduled for release on June 27, 2024, at 8:30 a.m. EDT and the Full Report on July 3, 2024, at 10:00 a.m. EDT. View the full schedule in the Economic Briefing Room: [www.census.gov/economic-indicators/](http://www.census.gov/economic-indicators/). The full text and tables of this release can be found at [www.census.gov/m3](http://www.census.gov/m3).

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## EXPLANATORY NOTES

Figures in text are adjusted for seasonality, but not for inflation. Figures on new and unfilled orders exclude data for semiconductor manufacturing.

“Virtually unchanged” indicates that the change is less than 0.05 percent for a percent increase or decrease.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data (Project No. P-6000307, Disclosure Review Board (DRB) approval number: CBDRB-FY24-0254).

### Description of the survey

This report is compiled from results of the U.S. Census Bureau’s Manufacturers’ Shipments, Inventories, and Orders (M3) survey, which is a voluntary survey authorized by Title 13 of the United States Code. This survey provides statistics on a calendar-month basis for 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). Data published from the M3 survey are based on a panel of approximately 5,000 reporting units that represent approximately 3,100 companies and provide an indication of month-to-month change for the Manufacturing Sector. These reporting units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 92 industry categories, which are combined into 65 publication levels due to the small monthly panel size. The survey methodology assumes that the month-to-month changes of the total operations of the reporting units in the M3 panel effectively represent the month-to-month movements of all establishments that make up the category. The companies for which shipments data are currently reported or imputed in the M3 survey represent approximately 60 percent of the total value of shipments for manufacturing establishments in the 2017 Economic Census, and these companies include roughly 61 percent of the manufacturing companies with \$500 million or more in shipments in the 2017 Economic Census. The companies for which shipments data are currently reported in the M3 survey represent approximately 51 percent of the total value of shipments for manufacturing establishments in the 2017 Economic Census. Statistics based on the M3 panel differ from the results that would be obtained from a complete enumeration of all manufacturing companies. The M3 panel is not based on a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many

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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:

[www.census.gov/manufacturing/m3/how\\_the\\_data\\_are\\_collected/index.html](http://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html).

### **Notice of Revisions and Changes Due to Updated Seasonal Adjustment Models:**

On May 14, 2024, monthly seasonally adjusted data for Manufacturers' Shipments, Inventories, and Orders were revised for January 2012 through March 2024. There was no accompanying press release containing revised seasonally adjusted data for January through March of 2024, and historical data not seasonally adjusted were unchanged. These revisions to the historical seasonally adjusted data were based on the results of the recent annual review of the seasonal adjustment models. These results of the annual seasonal review were used to produce seasonally adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey, beginning with the April 2024 Advance Report on Durable Goods released on May 24, 2024, and the Full Report released on June 4, 2024. Please call M3 staff on (301) 763-4832 with any questions.

### **Special Notice:**

Beginning with the release of June 2024 data on July 25, 2024, advance estimates of total manufacturing will include Petroleum and coal products shipments and inventories data, an enhancement of the publication to include an early snapshot of this industry from the monthly Manufacturers' Shipments, Inventories and Orders. These estimates will be available on a seasonally adjusted basis as well as a not seasonally adjusted basis and will be included in the Advance Total Manufacturing Estimates file on the M3 website under the "Latest Monthly Advance report on manufacturers' Shipments, Inventories and Order", [Monthly Advance Report on Durable Goods Manufacturers' Shipments Inventories and Orders - Press Releases \(census.gov\)](#).

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## RESOURCES

### API

The Census Bureau's application programming interface (API) lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

<[www.census.gov/developers/](http://www.census.gov/developers/)>.

### FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <<https://fred.stlouisfed.org/fred-mobile/>> for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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**Table 1. Value of Manufacturers' Shipments for Industry Groups<sup>1</sup>**

[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		
	Apr. 2024 <sup>p</sup>	Mar. 2024 <sup>f</sup>	Feb. 2024	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2024 <sup>p</sup>	Mar. 2024 <sup>f</sup>	Feb. 2024	Apr. 2023	2024 <sup>p</sup>	2023	% Change 2024/2023
All manufacturing industries.....	590,190	584,267	581,885	1.0	0.4	1.3	589,394	606,486	556,503	557,840	2,290,940	2,246,832	2.0
Excluding transportation.....	497,187	494,348	492,275	0.6	0.4	0.9	499,159	508,062	469,078	475,310	1,937,046	1,902,181	1.8
Excluding defense.....	573,307	567,789	565,292	1.0	0.4	1.3	573,517	588,507	539,945	543,055	2,226,629	2,187,962	1.8
With unfilled orders.....	197,200	194,182	195,521	1.6	-0.7	0.6	194,339	205,837	190,201	185,156	770,234	753,347	2.2
Durable goods industries.....	285,897	282,410	282,084	1.2	0.1	1.0	282,511	298,572	272,843	267,057	1,111,142	1,086,202	2.3
Wood products.....	13,372	13,429	13,332	-0.4	0.7	-0.6	14,160	13,561	12,620	13,843	52,084	51,513	1.1
Nonmetallic mineral products.....	13,284	13,275	13,266	0.1	0.1	3.7	13,483	12,770	11,999	12,728	49,842	49,340	1.0
Primary metals.....	26,660	26,478	26,535	0.7	-0.2	0.3	27,693	27,581	26,749	26,647	108,391	107,998	0.4
Iron and steel mills.....	14,638	14,715	14,826	-0.5	-0.7	-0.1	15,292	15,280	14,832	14,817	60,339	59,655	1.1
Aluminum and nonferrous metals.....	10,332	10,160	10,101	1.7	0.6	1.3	10,586	10,608	10,286	10,165	41,319	41,518	-0.5
Ferrous metal foundries.....	1,690	1,603	1,608	5.4	-0.3	-1.2	1,815	1,693	1,631	1,665	6,733	6,825	-1.3
Fabricated metal products.....	36,328	36,284	36,390	0.1	-0.3	0.4	36,788	37,265	35,500	34,629	144,102	138,269	4.2
Machinery.....	37,927	37,869	37,667	0.2	0.5	-1.2	38,223	40,707	36,793	36,722	150,764	147,246	2.4
Farm machinery.....	2,546	2,899	2,734	-12.2	6.0	7.1	3,039	3,388	2,873	2,883	11,525	10,419	10.6
Construction machinery.....	4,476	4,452	4,388	0.5	1.5	-2.6	4,695	4,767	4,371	4,281	18,024	16,834	7.1
Mining, oil field, and gas field machinery.....	1,625	1,655	1,593	-1.8	3.9	-3.3	1,574	1,740	1,535	1,661	6,411	6,711	-4.5
Industrial machinery.....	3,856	3,755	3,807	2.7	-1.4	-6.8	3,506	4,210	3,295	3,324	14,595	14,063	3.8
Photographic equipment.....	599	625	655	-4.2	-4.6	3.0	523	692	620	539	2,389	2,344	1.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,291	5,199	5,198	1.8	0.0	1.6	5,242	5,319	4,646	4,527	19,506	17,600	10.8
Metalworking machinery.....	2,729	2,698	2,733	1.1	-1.3	-4.3	2,636	2,817	2,692	2,615	10,860	10,769	0.8
Turbines, generators, and other power transmission equipment.....	3,860	3,832	3,718	0.7	3.1	-1.3	3,906	3,912	3,831	4,021	15,297	15,598	-1.9
Material handling equipment.....	3,886	3,747	3,960	3.7	-5.4	-2.2	3,870	3,985	3,973	3,751	15,758	15,393	2.4
Computers and electronic products <sup>2</sup> .....	29,683	29,612	29,678	0.2	-0.2	0.1	27,085	31,160	27,458	26,418	112,723	110,757	1.8
Computers.....	1,030	991	992	3.9	-0.1	2.8	975	943	846	770	3,596	2,863	25.6
Computer storage devices.....	424	412	434	2.9	-5.1	1.6	386	509	348	384	1,618	1,462	10.7
Other peripheral equipment.....	853	797	846	7.0	-5.8	6.3	702	884	698	651	3,031	2,881	5.2
Nondefense communications equipment.....	2,884	2,866	2,848	0.6	0.6	0.7	2,572	3,303	2,457	2,458	10,591	10,575	0.2
Defense communications equipment.....	205	201	194	2.0	3.6	-2.5	201	207	190	200	760	780	-2.6
Audio and video equipment.....	515	519	511	-0.8	1.6	-0.8	435	447	445	312	1,799	1,363	32.0
Electronic components.....	4,970	4,944	4,998	0.5	-1.1	-0.4	4,712	5,205	4,876	4,288	19,550	18,264	7.0
Nondefense search and navigation equipment.....	1,683	1,647	1,610	2.2	2.3	-1.6	1,581	1,807	1,565	1,479	6,427	6,268	2.5
Defense search and navigation equipment.....	3,418	3,411	3,392	0.2	0.6	-0.3	3,270	3,641	3,354	3,151	13,098	12,296	6.5
Electromedical, measuring, and control instruments.....	8,813	8,824	8,810	-0.1	0.2	-0.9	8,055	9,682	7,761	8,157	33,171	33,309	-0.4
Electrical equipment, appliances, and components.....	14,187	14,109	14,240	0.6	-0.9	-2.6	13,868	15,068	13,673	13,352	55,596	53,940	3.1
Electric lighting equipment.....	1,352	1,393	1,356	-2.9	2.7	0.5	1,320	1,444	1,267	1,230	5,275	4,873	8.2
Household appliances.....	2,299	2,384	2,365	-3.6	0.8	1.5	2,139	2,595	2,191	2,156	8,823	8,842	-0.2
Electrical equipment.....	4,683	4,527	4,672	3.4	-3.1	-7.2	4,520	4,985	4,597	4,300	18,476	17,769	4.0
Batteries.....	1,289	1,302	1,354	-1.0	-3.8	0.6	1,289	1,333	1,282	1,237	5,156	4,976	3.6
Transportation equipment.....	93,003	89,919	89,610	3.4	0.3	3.3	90,235	98,424	87,425	82,530	353,894	344,651	2.7
Automobiles.....	9,215	9,053	9,407	1.8	-3.8	1.8	8,881	10,147	9,237	8,457	36,310	34,453	5.4
Light trucks and utility vehicles.....	22,905	22,190	20,335	3.2	9.1	2.7	22,241	24,648	19,134	18,810	83,352	81,329	2.5
Heavy duty trucks.....	3,187	3,193	3,279	-0.2	-2.6	4.9	3,237	3,444	3,225	2,731	12,802	11,155	14.8
Motor vehicle bodies, parts, and trailers.....	29,172	28,933	28,884	0.8	0.2	-0.6	30,152	30,576	29,768	28,239	118,801	116,577	1.9
Nondefense aircraft and parts.....	12,462	10,803	11,750	15.4	-8.1	18.1	10,337	12,481	10,008	9,323	40,804	41,241	-1.1
Defense aircraft and parts.....	5,235	4,995	5,055	4.8	-1.2	1.9	4,886	5,368	4,858	4,473	19,283	17,898	7.7
Ships and boats.....	3,512	3,477	3,604	1.0	-3.5	6.2	3,562	3,810	3,782	3,802	13,946	15,167	-8.1
Furniture and related products.....	6,824	6,853	6,842	-0.4	0.2	-0.2	6,674	6,851	6,777	6,592	26,724	26,656	0.3
Miscellaneous durable goods.....	14,629	14,582	14,524	0.3	0.4	0.1	14,302	15,185	13,849	13,596	57,022	55,832	2.1
Nondurable goods industries.....	304,293	301,857	299,801	0.8	0.7	1.6	306,883	307,914	283,660	290,783	1,179,798	1,160,630	1.7
Food products.....	80,049	79,935	79,697	0.1	0.3	-0.2	79,454	81,000	79,791	77,878	317,831	313,920	1.2
Grain and oilseed milling.....	9,330	9,302	9,371	0.3	-0.7	-1.1	9,317	9,373	9,596	9,496	37,888	39,803	-4.8
Dairy products.....	11,660	11,711	11,625	-0.4	0.7	0.3	11,648	11,821	11,354	11,415	46,291	46,033	0.6
Meat, poultry, and seafood products.....	23,851	23,801	23,737	0.2	0.3	-0.5	23,893	24,008	23,730	23,883	94,133	94,502	-0.4
Beverage and tobacco products.....	19,068	18,859	18,537	1.1	1.7	0.3	19,325	18,539	17,829	17,294	73,276	65,737	11.5
Beverages.....	11,358	11,346	11,413	0.1	-0.6	0.6	11,615	11,026	10,705	10,741	43,798	40,726	7.5
Tobacco.....	7,710	7,513	7,124	2.6	5.5	-0.1	7,710	7,513	7,124	6,553	29,478	25,011	17.9
Textile mills.....	2,080	2,075	2,046	0.2	1.4	-0.5	2,121	2,136	2,060	2,130	8,228	8,454	-2.7
Textile products.....	1,969	1,972	2,007	-0.2	-1.7	1.7	2,025	2,043	1,977	2,049	7,844	7,977	-1.7
Apparel.....	811	817	830	-0.7	-1.6	4.7	733	771	804	766	3,054	3,204	-4.7
Leather and allied products.....	534	546	574	-2.2	-4.9	3.4	561	564	578	507	2,232	1,962	13.8
Paper products.....	17,341	17,252	17,223	0.5	0.2	0.2	17,195	17,518	16,879	16,802	68,767	68,874	-0.2
Pulp, paper, and paperboard mills.....	6,917	6,868	6,830	0.7	0.6	0.1	6,879	6,934	6,619	6,841	27,335	27,690	-1.3
Paperboard containers.....	6,313	6,308	6,337	0.1	-0.5	0.3	6,245	6,383	6,183	5,916	25,153	24,655	2.0
Printing.....	7,302	7,250	7,213	0.7	0.5	-0.6	7,303	7,235	6,903	6,993	28,483	28,361	0.4
Petroleum and coal products.....	70,228	68,725	67,834	2.2	1.3	6.2	71,552	68,589	56,952	66,235	254,992	258,816	-1.5
Petroleum refineries.....	65,255	63,816	62,751	2.3	1.7	6.4	66,733	64,136	52,714	61,737	237,441	242,145	-1.9
Chemical products.....	79,982	79,529	78,964	0.6	0.7	1.0	81,076	83,892	75,925	76,064	315,908	306,569	3.0
Pesticides, fertilizers, and other agricultural chemicals.....	4,143	4,131	4,054	0.3	1.9	-0.2	4,940	5,431	4,498	4,368	18,822	17,723	6.2
Pharmaceuticals and medicines.....	26,709	26,401	26,166	1.2	0.9	2.1	26,246	26,894	24,559	23,150	102,617	94,217	8.9
Paints, coatings, and adhesives.....	4,186	4,165	4,147	0.5	0.4	1.0	4,500	4,339	3,920	4,230	16,515	16,306	1.3
Plastics and rubber products.....	24,929	24,897	24,876	0.1	0.1	-0.1	25,538	25,627	23,962	24,065	99,183	96,756	2.5

<sup>p</sup> Preliminary

<sup>f</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> 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.

<sup>2</sup> Estimates and percent changes of shipments for the semiconductor industry are included in computers and electronic products, and all other applicable aggregate totals.

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/>>.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data (Project No. P-6000307, Disclosure Review Board (DRB) approval number: CBDRB-FY24-0254).

**Table 2. Value of Manufacturers' New Orders for Industry Groups<sup>1</sup>**

[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		
	Apr. 2024 <sup>p</sup>	Mar. 2024 <sup>r</sup>	Feb. 2024	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2024 <sup>p</sup>	Mar. 2024 <sup>r</sup>	Feb. 2024	Apr. 2023	2024 <sup>p</sup>	2023	% Change 2024/2023
All manufacturing industries <sup>2</sup> .....	588,218	583,953	579,666	0.7	0.7	1.4	582,576	613,440	551,918	563,158	2,281,797	2,257,177	1.1
Excluding transportation <sup>2</sup> .....	492,185	488,954	487,002	0.7	0.4	1.1	496,534	506,544	466,763	472,311	1,928,682	1,894,229	1.8
Excluding defense <sup>2</sup> .....	572,108	569,733	564,642	0.4	0.9	1.6	568,306	594,334	538,358	542,751	2,222,119	2,188,478	1.5
With unfilled orders <sup>2</sup> .....	199,971	198,719	198,195	0.6	0.3	0.9	191,588	217,163	190,388	194,903	779,594	783,792	-0.5
Durable goods industries <sup>2</sup> .....	283,925	282,096	279,865	0.6	0.8	1.2	275,693	305,526	268,258	272,375	1,101,999	1,096,547	0.5
Primary metals.....	26,922	26,589	26,457	1.3	0.5	0.1	27,715	27,909	27,478	26,312	109,903	108,830	1.0
Iron and steel mills.....	14,458	14,636	14,917	-1.2	-1.9	1.2	14,835	15,418	15,472	14,678	60,663	60,258	0.7
Aluminum and nonferrous metals.....	10,706	10,244	9,953	4.5	2.9	-1.6	10,939	10,691	10,371	9,903	42,249	41,653	1.4
Ferrous metal foundries.....	1,758	1,709	1,587	2.9	7.7	-0.4	1,941	1,800	1,635	1,731	6,991	6,919	1.0
Fabricated metal products.....	36,204	36,116	36,230	0.2	-0.3	0.6	37,675	38,761	36,155	35,576	147,920	142,423	3.9
Machinery.....	37,621	37,441	37,597	0.5	-0.4	1.7	38,595	40,236	37,521	37,055	152,714	150,776	1.3
Construction machinery.....	4,464	4,382	4,142	1.9	5.8	-1.0	4,811	4,578	4,281	4,510	18,003	16,975	6.1
Mining, oil field, and gas field machinery.....	1,717	1,582	1,816	8.5	-12.9	10.7	1,666	1,667	1,758	1,687	6,646	6,719	-1.1
Industrial machinery.....	3,709	3,639	3,589	1.9	1.4	1.2	3,559	4,084	3,014	3,248	14,298	14,905	-4.1
Photographic equipment.....	577	588	598	-1.9	-1.7	3.1	472	624	680	523	2,281	2,611	-12.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,128	5,073	5,369	1.1	-5.5	7.1	5,129	5,378	5,029	4,627	20,086	18,785	6.9
Metalworking machinery.....	2,723	2,837	2,852	-4.0	-0.5	1.4	2,679	2,938	2,894	2,622	11,424	10,984	4.0
Turbines, generators, and other power transmission equipment.....	3,832	3,925	3,954	-2.4	-0.7	-0.6	3,878	4,005	4,067	3,962	15,810	15,307	3.3
Material handling equipment.....	3,812	3,736	3,967	2.0	-5.8	-0.7	3,681	3,924	3,979	3,643	15,633	15,554	0.5
Computers and electronic products <sup>2</sup> .....	24,912	24,765	24,678	0.6	0.4	-1.2	22,862	27,792	22,607	22,093	95,196	92,029	3.4
Computers.....	1,007	989	1,028	1.8	-3.8	5.9	952	941	882	764	3,613	2,889	25.1
Nondefense communications equipment.....	2,807	2,716	2,692	3.4	0.9	-1.8	2,355	3,084	2,483	2,310	10,028	10,399	-3.6
Defense communications equipment.....	204	198	193	3.0	2.6	-3.5	193	199	188	194	745	769	-3.1
Electronic components.....	4,875	4,929	4,936	-1.1	-0.1	-0.2	4,684	5,133	4,813	4,262	19,416	17,866	8.7
Nondefense search and navigation equipment.....	1,758	1,689	1,689	4.1	0.0	-1.0	1,712	1,882	1,633	1,658	6,798	6,879	-1.2
Defense search and navigation equipment.....	3,527	3,631	3,388	-2.9	7.2	-7.5	3,389	4,738	3,197	3,250	14,257	13,169	8.3
Electromedical, measuring, and control instruments.....	8,797	8,736	8,811	0.7	-0.9	-0.6	7,925	9,815	7,774	8,169	33,312	33,756	-1.3
Electrical equipment, appliances, and components.....	14,154	14,023	14,287	0.9	-1.8	-2.0	13,996	15,309	13,839	13,500	56,634	55,453	2.1
Electric lighting equipment.....	1,371	1,474	1,348	-7.0	9.3	-3.1	1,313	1,577	1,261	1,240	5,473	4,982	9.9
Household appliances.....	2,398	2,367	2,586	1.3	-8.5	6.6	2,222	2,677	2,221	2,066	9,166	8,921	2.7
Electrical equipment.....	4,580	4,446	4,561	3.0	-2.5	-7.4	4,595	5,052	4,623	4,556	18,872	18,767	0.6
Transportation equipment.....	96,033	94,999	92,664	1.1	2.5	2.9	86,042	106,896	85,155	90,847	353,115	362,948	-2.7
Motor vehicle bodies, parts, and trailers.....	29,164	29,095	28,794	0.2	1.0	-0.3	29,728	30,510	30,375	27,953	119,201	117,672	1.3
Nondefense aircraft and parts.....	16,466	17,899	16,619	-8.0	7.7	17.7	8,375	20,785	10,071	12,482	45,607	49,821	-8.5
Defense aircraft and parts.....	4,254	4,147	4,922	2.6	-15.7	13.8	3,769	5,608	3,900	7,415	16,973	22,622	-25.0
Ships and boats.....	3,213	2,621	2,545	22.6	3.0	-20.2	2,566	4,087	3,359	3,486	13,003	16,886	-23.0
Furniture and related products.....	6,799	6,882	6,840	-1.2	0.6	1.1	6,868	7,112	7,045	6,800	27,599	27,541	0.2
Nondurable goods industries.....	304,293	301,857	299,801	0.8	0.7	1.6	306,883	307,914	283,660	290,783	1,179,798	1,160,630	1.7

<sup>p</sup> Preliminary

<sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> 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.

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

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data (Project No. P-6000307, Disclosure Review Board (DRB) approval number: CBDRB-FY24-0254).

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, April Full Report, June 4, 2024. Information on data sources and methodology can be found on our website at <[www.census.gov/manufacturing/m3/how\\_the\\_data\\_are\\_collected/index.html](http://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html)>.

**Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups<sup>1</sup>**

[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 April 2024/ 2023
	Apr. 2024 <sup>p</sup>	Mar. 2024 <sup>r</sup>	Feb. 2024	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2024 <sup>p</sup>	Mar. 2024 <sup>r</sup>	Feb. 2024	Apr. 2023	
All manufacturing industries <sup>2</sup> .....	1,400,627	1,397,856	1,393,319	0.2	0.3	0.2	1,402,571	1,405,322	1,393,996	1,300,741	7.8
Excluding transportation <sup>2</sup> .....	494,067	494,326	494,869	-0.1	-0.1	-0.1	500,022	498,580	495,726	504,532	-0.9
Excluding defense <sup>2</sup> .....	1,165,263	1,161,719	1,154,924	0.3	0.6	0.4	1,165,590	1,166,734	1,156,535	1,056,184	10.4
Durable goods industries <sup>2</sup> .....	1,400,627	1,397,856	1,393,319	0.2	0.3	0.2	1,402,571	1,405,322	1,393,996	1,300,741	7.8
Primary metals.....	38,942	38,680	38,569	0.7	0.3	-0.2	39,823	39,801	39,473	38,598	3.2
Iron and steel mills.....	23,310	23,490	23,569	-0.8	-0.3	0.4	23,710	24,167	24,029	23,064	2.8
Aluminum and nonferrous metals.....	10,516	10,142	10,058	3.7	0.8	-1.5	10,867	10,514	10,431	10,844	0.2
Ferrous metal foundries.....	5,116	5,048	4,942	1.3	2.1	-0.4	5,246	5,120	5,013	4,690	11.9
Fabricated metal products.....	129,098	129,222	129,390	-0.1	-0.1	-0.1	130,490	129,603	128,107	130,578	-0.1
Machinery.....	134,543	134,849	135,277	-0.2	-0.3	-0.1	136,274	135,902	136,373	141,887	-4.0
Construction machinery.....	9,455	9,467	9,537	-0.1	-0.7	-2.5	9,909	9,793	9,982	11,528	-14.0
Mining, oil field, and gas field machinery.....	4,881	4,789	4,862	1.9	-1.5	4.8	4,881	4,789	4,862	5,320	-8.3
Industrial machinery.....	10,244	10,391	10,507	-1.4	-1.1	-2.0	10,493	10,440	10,566	12,525	-16.2
Photographic equipment.....	3,437	3,459	3,496	-0.6	-1.1	-1.6	3,441	3,492	3,560	4,110	-16.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	13,637	13,800	13,926	-1.2	-0.9	1.2	14,052	14,165	14,106	14,137	-0.6
Metalworking machinery.....	9,359	9,365	9,226	-0.1	1.5	1.3	9,498	9,455	9,334	9,999	-5.0
Turbines, generators, and other power transmission equipment.....	33,488	33,516	33,423	-0.1	0.3	0.7	33,488	33,516	33,423	31,837	5.2
Material handling equipment.....	18,866	18,940	18,951	-0.4	-0.1	0.0	18,887	19,076	19,137	19,401	-2.6
Computers and electronic products <sup>2</sup> .....	135,108	135,136	135,132	0.0	0.0	-0.1	136,155	136,311	135,307	135,762	0.3
Computers.....	1,289	1,312	1,314	-1.8	-0.2	2.8	1,289	1,312	1,314	1,309	-1.5
Nondefense communications equipment.....	17,164	17,241	17,391	-0.4	-0.9	-0.9	17,318	17,535	17,754	17,371	-0.3
Defense communications equipment.....	235	236	239	-0.4	-1.3	-0.4	231	239	247	235	-1.7
Electronic components.....	16,098	16,193	16,208	-0.6	-0.1	-0.4	16,277	16,305	16,377	17,113	-4.9
Nondefense search and navigation equipment.....	32,154	32,079	32,037	0.2	0.1	0.2	32,200	32,069	31,994	30,990	3.9
Defense search and navigation equipment.....	36,125	36,016	35,796	0.3	0.6	0.0	36,582	36,463	35,366	36,396	0.5
Electromedical, measuring, and control instruments.....	32,043	32,059	32,147	0.0	-0.3	0.0	32,258	32,388	32,255	32,348	-0.3
Electrical equipment, appliances, and components.....	43,742	43,775	43,861	-0.1	-0.2	0.1	44,233	44,105	43,864	43,928	0.7
Electric lighting equipment.....	3,873	3,854	3,773	0.5	2.1	-0.2	3,891	3,898	3,765	3,812	2.1
Household appliances.....	5,855	5,756	5,773	1.7	-0.3	4.0	5,892	5,809	5,727	4,659	26.5
Electrical equipment.....	21,746	21,849	21,930	-0.5	-0.4	-0.5	22,065	21,990	21,923	22,742	-3.0
Transportation equipment.....	906,560	903,530	898,450	0.3	0.6	0.3	902,549	906,742	898,270	796,209	13.4
Motor vehicle bodies, parts, and trailers.....	34,765	34,773	34,611	0.0	0.5	-0.3	35,524	35,948	36,014	36,036	-1.4
Nondefense aircraft and parts.....	661,860	657,856	650,760	0.6	1.1	0.8	655,911	657,873	649,569	539,295	21.6
Defense aircraft and parts.....	69,757	70,738	71,586	-1.4	-1.2	-0.2	70,408	71,525	71,285	72,026	-2.2
Ships and boats.....	52,277	52,576	53,432	-0.6	-1.6	-1.9	53,219	54,215	53,938	56,905	-6.5
Furniture and related products.....	10,673	10,698	10,669	-0.2	0.3	0.0	11,086	10,892	10,631	11,627	-4.7

<sup>p</sup> Preliminary

<sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> 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.

<sup>2</sup> Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled 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/>>.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data (Project No. P-6000307, Disclosure Review Board (DRB) approval number: CBDRB-FY24-0254).

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, April Full Report, June 4, 2024. Information on data sources and methodology can be found on our website at <[www.census.gov/manufacturing/m3/how\\_the\\_data\\_are\\_collected/index.html](http://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html)>.



**Table 4. Value of Manufacturers' Inventories for Industry Groups<sup>1</sup>**

[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 April 2024/ 2023
	Apr. 2024 <sup>p</sup>	Mar. 2024 <sup>r</sup>	Feb. 2024	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2024 <sup>p</sup>	Mar. 2024 <sup>r</sup>	Feb. 2024	Apr. 2023	
All manufacturing industries.....	858,330	857,397	857,285	0.1	0.0	0.3	864,135	859,005	859,669	861,345	0.3
Excluding transportation.....	687,396	687,101	687,092	0.0	0.0	0.1	692,467	689,202	689,676	696,723	-0.6
Excluding defense.....	827,500	826,800	826,792	0.1	0.0	0.2	833,194	828,391	829,237	831,963	0.1
With unfilled orders.....	428,317	427,560	426,970	0.2	0.1	0.2	430,998	427,850	427,578	424,394	1.6
Durable goods industries.....	528,454	527,903	528,154	0.1	0.0	0.3	531,532	528,336	530,117	524,688	1.3
Wood products.....	15,905	15,827	15,774	0.5	0.3	0.0	16,010	16,229	16,268	16,183	-1.1
Nonmetallic mineral products.....	17,455	17,454	17,477	0.0	-0.1	0.1	17,755	17,759	17,714	17,316	2.5
Primary metals.....	45,644	45,663	45,668	0.0	0.0	0.6	46,031	45,719	45,946	47,134	-2.3
Iron and steel mills.....	26,799	26,795	26,780	0.0	0.1	1.2	26,833	26,794	26,959	27,475	-2.3
Aluminum and nonferrous metals.....	15,659	15,652	15,685	0.0	-0.2	-0.4	15,936	15,646	15,695	16,471	-3.2
Ferrous metal foundries.....	3,186	3,216	3,203	-0.9	0.4	0.5	3,262	3,279	3,292	3,188	2.3
Fabricated metal products.....	64,572	64,584	64,623	0.0	-0.1	0.1	65,136	64,811	64,788	65,143	0.0
Machinery.....	94,809	94,786	95,069	0.0	-0.3	-0.1	95,201	95,664	95,789	94,322	0.9
Farm machinery.....	5,410	5,457	5,484	-0.9	-0.5	-1.0	5,403	5,724	5,883	5,724	-5.6
Construction machinery.....	9,909	9,847	9,945	0.6	-1.0	-0.1	10,127	10,071	10,085	9,583	5.7
Mining, oil field, and gas field machinery.....	5,384	5,485	5,509	-1.8	-0.4	-2.9	5,371	5,430	5,585	5,792	-7.3
Industrial machinery.....	11,024	11,006	11,102	0.2	-0.9	0.1	10,575	11,267	11,030	10,709	-1.3
Photographic equipment.....	1,391	1,396	1,412	-0.4	-1.1	-1.0	1,409	1,351	1,434	1,499	-6.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	9,400	9,473	9,568	-0.8	-1.0	-0.4	9,833	9,871	9,850	9,892	-0.6
Metalworking machinery.....	7,639	7,572	7,544	0.9	0.4	0.7	7,640	7,509	7,473	7,395	3.3
Turbines, generators, and other power transmission equipment.....	12,515	12,434	12,364	0.7	0.6	-0.1	12,625	12,391	12,406	11,941	5.7
Material handling equipment.....	8,102	8,108	8,073	-0.1	0.4	0.0	8,180	8,077	7,979	8,005	2.2
Computers and electronic products <sup>2</sup> .....	55,135	55,293	55,343	-0.3	-0.1	0.1	55,372	54,534	55,405	55,327	0.1
Computers.....	1,900	1,886	1,886	0.7	0.0	1.3	1,858	1,804	1,821	1,956	-5.0
Computer storage devices.....	626	626	604	0.0	3.6	-3.0	610	578	607	623	-2.1
Other peripheral equipment.....	974	1,000	1,006	-2.6	-0.6	-2.1	970	953	1,012	1,037	-6.5
Nondense communications equipment.....	4,335	4,352	4,338	-0.4	0.3	-0.1	4,384	4,275	4,308	4,488	-2.3
Defense communications equipment.....	660	643	645	2.6	-0.3	0.5	660	643	645	641	3.0
Audio and video equipment.....	580	587	589	-1.2	-0.3	-7.5	615	596	564	895	-31.3
Electronic components.....	10,295	10,316	10,396	-0.2	-0.8	-0.1	10,555	10,309	10,571	11,029	-4.3
Nondense search and navigation equipment.....	4,261	4,282	4,303	-0.5	-0.5	0.2	4,250	4,219	4,283	4,182	1.6
Defense search and navigation equipment.....	3,482	3,475	3,475	0.2	0.0	0.9	3,536	3,483	3,529	3,391	4.3
Electromedical, measuring and control instruments.....	19,308	19,370	19,303	-0.3	0.3	0.2	19,411	19,165	19,132	19,049	1.9
Electrical equipment, appliances, and components.....	26,031	25,948	26,043	0.3	-0.4	0.1	26,349	26,060	26,397	26,488	-0.5
Electric lighting equipment.....	2,406	2,423	2,426	-0.7	-0.1	0.5	2,384	2,388	2,465	2,498	-4.6
Household appliances.....	3,593	3,570	3,614	0.6	-1.2	0.2	3,645	3,586	3,715	3,636	0.2
Electrical equipment.....	9,776	9,762	9,823	0.1	-0.6	-0.1	9,896	9,672	9,991	9,825	0.7
Batteries.....	1,945	1,935	1,933	0.5	0.1	-0.6	2,018	2,032	1,852	1,960	3.0
Transportation equipment.....	170,934	170,296	170,193	0.4	0.1	0.8	171,668	169,803	169,993	164,622	4.3
Automobiles.....	5,371	5,381	5,318	-0.2	1.2	-0.3	5,275	5,144	5,291	5,644	-6.5
Light trucks and utility vehicles.....	9,847	10,011	10,948	-1.6	-8.6	10.8	10,004	9,867	11,149	9,612	4.1
Heavy duty trucks.....	2,948	2,838	2,791	3.9	1.7	-4.8	2,992	2,833	2,863	2,979	0.4
Motor vehicle bodies, parts, and trailers.....	35,759	35,813	35,900	-0.2	-0.2	-1.0	35,956	35,884	36,067	35,671	0.8
Nondense aircraft and parts.....	82,723	82,173	81,348	0.7	1.0	0.6	83,049	81,988	80,876	77,804	6.7
Defense aircraft and parts.....	14,123	14,063	14,019	0.4	0.3	-0.3	14,166	14,024	14,044	14,116	0.4
Ships and boats.....	4,894	4,802	4,829	1.9	-0.6	4.6	4,918	4,844	4,700	4,565	7.7
Furniture and related products.....	10,045	10,051	10,022	-0.1	0.3	-0.3	10,074	9,977	10,009	10,387	-3.0
Miscellaneous durable goods.....	27,924	28,001	27,942	-0.3	0.2	0.1	27,936	27,780	27,808	27,766	0.6
Nondurable goods industries.....	329,876	329,494	329,131	0.1	0.1	0.2	332,603	330,669	329,552	336,657	-1.2
Food products.....	70,130	69,974	69,811	0.2	0.2	-0.1	69,092	69,526	70,402	71,099	-2.8
Grain and oilseed milling.....	7,008	7,087	7,168	-1.1	-1.1	-1.1	6,955	7,244	7,467	7,943	-12.4
Dairy products.....	10,668	10,680	10,637	-0.1	0.4	1.8	10,937	10,841	10,603	11,223	-2.5
Meat, poultry, and seafood products.....	12,437	12,460	12,366	-0.2	0.8	-2.4	12,304	12,394	12,417	13,246	-7.1
Beverage and tobacco products.....	30,922	30,959	30,775	-0.1	0.6	0.2	31,296	31,158	31,148	31,479	-0.6
Beverages.....	27,543	27,421	27,209	0.4	0.8	0.3	27,909	27,541	27,404	27,750	0.6
Tobacco.....	3,379	3,538	3,566	-4.5	-0.8	0.1	3,387	3,617	3,744	3,729	-9.2
Textile mills.....	3,544	3,541	3,528	0.1	0.4	0.1	3,535	3,519	3,519	3,590	-1.5
Textile products.....	3,638	3,638	3,625	0.0	0.4	-0.2	3,625	3,648	3,654	3,734	-2.9
Apparel.....	2,188	2,201	2,217	-0.6	-0.7	1.7	2,122	2,148	2,158	2,161	-1.8
Leather and allied products.....	1,234	1,238	1,241	-0.3	-0.2	-0.9	1,226	1,227	1,221	1,279	-4.1
Paper products.....	17,966	17,958	17,923	0.0	0.2	0.4	18,001	17,985	18,074	18,406	-2.2
Pulp, paper, and paperboard mills.....	5,599	5,614	5,617	-0.3	-0.1	0.6	5,644	5,681	5,694	5,737	-1.6
Paperboard containers.....	6,843	6,806	6,782	0.5	0.4	0.5	6,788	6,778	6,859	6,948	-2.3
Printing.....	6,650	6,619	6,536	0.5	1.3	0.1	6,689	6,602	6,518	6,987	-4.3
Petroleum and coal products.....	47,599	47,590	47,697	0.0	-0.2	0.9	49,614	47,661	46,176	48,689	1.9
Petroleum refineries.....	40,990	41,057	41,192	-0.2	-0.3	1.0	42,876	40,990	39,561	41,546	3.2
Chemical products.....	112,868	112,674	112,730	0.2	0.0	-0.1	113,942	113,777	113,278	114,382	-0.4
Pesticides, fertilizers, and other agricultural chemicals.....	5,928	5,986	6,010	-1.0	-0.4	0.6	6,032	6,295	6,353	6,126	-1.5
Pharmaceuticals and medicines.....	49,225	49,119	49,005	0.2	0.2	-0.1	49,753	49,913	48,903	47,978	3.7
Paints, coatings, and adhesives.....	5,353	5,390	5,432	-0.7	-0.8	-0.2	5,518	5,525	5,553	6,099	-9.5
Plastics and rubber products.....	33,137	33,102	33,048	0.1	0.2	0.5	33,461	33,418	33,404	34,851	-4.0

<sup>p</sup> Preliminary

<sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> 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.

<sup>2</sup> Estimates of inventories for the semiconductor industry data are included in computers and electronic products, and all other applicable aggregate totals.

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/>>.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data (Project No. P-6000307, Disclosure Review Board (DRB) approval number: CBDRB-FY24-0254).

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, April Full Report, June 4, 2024. Information on data sources and methodology can be found on our website at

<[www.census.gov/manufacturing/m3/how\\_the\\_data\\_are\\_collected/index.html](http://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html)>.

**Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series<sup>1, 2</sup>**

[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 <sup>6</sup>
	Apr. 2024 <sup>p</sup>	Mar. 2024 <sup>r</sup>	Feb. 2024	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2024 <sup>p</sup>	Mar. 2024 <sup>r</sup>	Feb. 2024	Apr. 2023	2024 <sup>p</sup>	2023	
<b>SHIPMENTS</b>													
All manufacturing industries.....	590,190	584,267	581,885	1.0	0.4	1.3	589,394	606,486	556,503	557,840	2,290,940	2,246,832	2.0
Construction materials and supplies.....	62,774	62,767	62,830	0.0	-0.1	1.1	64,319	62,460	58,494	61,200	241,475	235,854	2.4
Information technology.....	25,133	24,945	24,935	0.8	0.0	-0.2	23,429	26,986	22,766	22,669	94,925	92,217	2.9
Computers and related products.....	2,307	2,200	2,272	4.9	-3.2	3.8	2,063	2,336	1,892	1,805	8,245	7,206	14.4
Motor vehicle and parts.....	64,479	63,369	61,905	1.8	2.4	1.1	64,511	68,815	61,364	58,237	251,265	243,514	3.2
Capital goods.....	96,465	94,237	95,565	2.4	-1.4	1.6	92,181	102,672	90,880	88,483	369,119	361,429	2.1
Nondefense capital goods <sup>3</sup> .....	82,032	80,158	81,428	2.3	-1.6	1.7	78,553	87,192	76,728	75,734	314,104	310,746	1.1
Excluding aircraft.....	74,394	74,130	74,385	0.4	-0.3	-0.8	72,719	79,827	71,476	70,392	292,418	286,569	2.0
Defense capital goods <sup>4</sup> .....	14,433	14,079	14,137	2.5	-0.4	1.2	13,628	15,480	14,152	12,749	55,015	50,683	8.5
Consumer goods.....	255,419	252,421	248,926	1.2	1.4	2.1	254,913	258,373	234,518	238,571	977,269	957,812	2.0
Consumer durable goods.....	47,608	46,703	45,042	1.9	3.7	1.7	46,475	50,856	43,233	42,082	179,794	175,544	2.4
Consumer nondurable goods.....	207,811	205,718	203,884	1.0	0.9	2.2	208,438	207,517	191,285	196,489	797,475	782,268	1.9
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	588,218	583,953	579,666	0.7	0.7	1.4	582,576	613,440	551,918	563,158	2,281,797	2,257,177	1.1
Construction materials and supplies.....	62,563	62,447	62,769	0.2	-0.5	1.4	64,999	63,742	59,187	61,980	244,902	240,001	2.0
Information technology.....	25,130	24,858	24,778	1.1	0.3	-1.3	23,227	27,953	22,926	22,755	96,028	94,581	1.5
Computers and related products.....	2,284	2,198	2,308	3.9	-4.8	5.2	2,040	2,334	1,928	1,799	8,262	7,232	14.2
Motor vehicle and parts.....	64,471	63,531	61,815	1.5	2.8	1.2	64,087	68,749	61,971	57,951	251,665	244,609	2.9
Capital goods.....	99,047	98,654	98,496	0.4	0.2	2.0	89,505	112,075	88,881	98,088	372,232	383,547	-3.0
Nondefense capital goods <sup>3</sup> .....	85,448	86,859	85,806	-1.6	1.2	3.5	77,215	95,557	77,528	79,686	321,664	324,371	-0.8
Excluding aircraft.....	73,910	73,774	73,929	0.2	-0.2	0.5	73,134	79,895	72,264	71,065	295,127	291,731	1.2
Defense capital goods <sup>4</sup> .....	13,599	11,795	12,690	15.3	-7.1	-7.1	12,290	16,518	11,353	18,402	50,568	59,176	-14.5
Consumer goods.....	255,500	252,395	249,125	1.2	1.3	2.2	254,944	258,473	234,710	238,522	977,836	958,127	2.1
Consumer durable goods.....	47,689	46,677	45,241	2.2	3.2	2.0	46,506	50,956	43,425	42,033	180,361	175,859	2.6
Consumer nondurable goods.....	207,811	205,718	203,884	1.0	0.9	2.2	208,438	207,517	191,285	196,489	797,475	782,268	1.9
<b>UNFILLED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	1,400,627	1,397,856	1,393,319	0.2	0.3	0.2	1,402,571	1,405,322	1,393,996	1,300,741	(X)	(X)	7.8
Construction materials and supplies.....	98,989	99,200	99,520	-0.2	-0.3	-0.1	100,473	99,793	98,511	101,894	(X)	(X)	-1.4
Information technology.....	134,715	134,718	134,805	0.0	-0.1	-0.1	135,704	135,906	134,939	135,474	(X)	(X)	0.2
Computers and related products.....	1,289	1,312	1,314	-1.8	-0.2	2.8	1,289	1,312	1,314	1,309	(X)	(X)	-1.5
Motor vehicle and parts.....	34,765	34,773	34,611	0.0	0.5	-0.3	35,524	35,948	36,014	36,036	(X)	(X)	-1.4
Capital goods.....	1,058,310	1,055,728	1,051,311	0.2	0.4	0.3	1,056,259	1,058,935	1,049,532	956,004	(X)	(X)	10.5
Nondefense capital goods <sup>3</sup> .....	855,530	852,114	845,413	0.4	0.8	0.5	852,076	853,414	845,049	742,269	(X)	(X)	14.8
Excluding aircraft.....	266,772	267,256	267,612	-0.2	-0.1	-0.2	269,366	268,951	268,883	275,842	(X)	(X)	-2.3
Defense capital goods <sup>4</sup> .....	202,780	203,614	205,898	-0.4	-1.1	-0.7	204,183	205,521	204,483	213,735	(X)	(X)	-4.5
Consumer goods.....	13,020	12,939	12,965	0.6	-0.2	1.6	13,174	13,143	13,043	12,193	(X)	(X)	8.0
Consumer durable goods.....	13,020	12,939	12,965	0.6	-0.2	1.6	13,174	13,143	13,043	12,193	(X)	(X)	8.0
<b>TOTAL INVENTORIES</b>													
All manufacturing industries.....	858,330	857,397	857,285	0.1	0.0	0.3	864,135	859,005	859,669	861,345	(X)	(X)	0.3
Construction materials and supplies.....	92,667	92,796	92,943	-0.1	-0.2	0.2	94,123	94,234	94,279	94,313	(X)	(X)	-0.2
Information technology.....	45,986	46,035	45,970	-0.1	0.1	0.1	46,267	45,608	45,886	46,497	(X)	(X)	-0.5
Computers and related products.....	3,500	3,512	3,496	-0.3	0.5	-0.5	3,438	3,335	3,440	3,616	(X)	(X)	-4.9
Motor vehicle and parts.....	53,925	54,043	54,957	-0.2	-1.7	1.0	54,227	53,728	55,370	53,906	(X)	(X)	0.6
Capital goods.....	256,815	255,943	255,172	0.3	0.3	0.3	257,546	255,614	255,089	249,946	(X)	(X)	3.0
Nondefense capital goods <sup>3</sup> .....	231,354	230,701	230,013	0.3	0.3	0.2	232,017	230,316	230,016	225,769	(X)	(X)	2.8
Excluding aircraft.....	162,971	162,789	162,847	0.1	0.0	-0.1	163,486	162,625	163,239	161,828	(X)	(X)	1.0
Defense capital goods <sup>4</sup> .....	25,461	25,242	25,159	0.9	0.3	1.4	25,529	25,298	25,073	24,177	(X)	(X)	5.6
Consumer goods.....	253,951	254,018	254,632	0.0	-0.2	0.5	255,676	253,948	254,167	256,907	(X)	(X)	-0.5
Consumer durable goods.....	41,351	41,578	42,518	-0.5	-2.2	2.4	41,397	41,062	42,804	42,565	(X)	(X)	-2.7
Consumer nondurable goods.....	212,600	212,440	212,114	0.1	0.2	0.2	214,279	212,886	211,363	214,342	(X)	(X)	0.0

<sup>x</sup> Not Applicable

<sup>p</sup> Preliminary

<sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> 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.

<sup>2</sup> Topical series are regroupings of the separate industry categories.

<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.

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/>>.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data (Project No. P-6000307, Disclosure Review Board (DRB) approval number: CDBR-FY24-0254).

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, April Full Report, June 4, 2024. Information on data sources and methodology can be found on our website at

<[www.census.gov/manufacturing/m3/how\\_the\\_data\\_are\\_collected/index.html](http://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html)>.

**Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group<sup>1</sup>**

[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 April 2024/ 2023
	Apr. 2024 <sup>P</sup>	Mar. 2024 <sup>F</sup>	Feb. 2024	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2024 <sup>P</sup>	Mar. 2024 <sup>F</sup>	Feb. 2024	Apr. 2023	
<b>MATERIALS AND SUPPLIES</b>											
All manufacturing industries.....	312,666	312,112	312,040	0.2	0.0	-0.3	313,598	311,375	311,892	316,501	-0.9
Durable goods industries.....	196,454	196,482	196,782	0.0	-0.2	0.1	196,690	195,899	196,321	197,285	-0.3
Wood products.....	7,631	7,570	7,551	0.8	0.3	0.0	7,447	7,587	7,711	7,589	-1.9
Nonmetallic mineral products.....	7,845	7,850	7,864	-0.1	-0.2	1.3	7,896	7,895	7,892	7,735	2.1
Primary metals.....	19,212	19,289	19,176	-0.4	0.6	1.8	19,263	19,193	19,102	19,112	0.8
Fabricated metal products.....	24,701	24,688	24,517	0.1	0.7	1.2	24,637	24,611	24,379	24,327	1.3
Machinery.....	40,098	40,176	40,334	-0.2	-0.4	0.2	40,420	40,267	40,085	40,814	-1.0
Computers and electronic products.....	27,215	27,212	27,329	0.0	-0.4	-0.1	27,179	26,749	27,237	26,505	2.5
Electrical equipment, appliances, and components.....	12,584	12,525	12,614	0.5	-0.7	-0.2	12,672	12,516	12,729	12,793	-0.9
Transportation equipment.....	42,288	42,218	42,302	0.2	-0.2	-1.3	42,219	42,147	42,131	43,222	-2.3
Furniture and related products.....	5,174	5,176	5,211	0.0	-0.7	0.1	5,270	5,250	5,288	5,396	-2.3
Miscellaneous products.....	9,706	9,778	9,884	-0.7	-1.1	0.5	9,687	9,684	9,767	9,792	-1.1
Nondurable goods industries.....	116,212	115,630	115,258	0.5	0.3	-0.9	116,908	115,476	115,571	119,216	-1.9
Food products.....	25,912	25,813	25,591	0.4	0.9	-2.2	25,490	25,664	25,854	25,901	-1.6
Beverage and tobacco products.....	6,095	6,115	6,103	-0.3	0.2	-2.7	6,159	6,193	6,248	6,453	-4.6
Textiles.....	1,504	1,484	1,484	1.3	0.0	0.2	1,504	1,475	1,479	1,451	3.7
Textile products.....	1,672	1,677	1,681	-0.3	-0.2	-0.5	1,666	1,682	1,684	1,712	-2.7
Apparel.....	607	610	555	-0.5	9.9	-8.0	599	604	549	556	7.7
Leather and allied products.....	375	380	385	-1.3	-1.3	1.3	374	378	381	395	-5.3
Paper products.....	9,347	9,324	9,310	0.2	0.2	0.5	9,302	9,294	9,387	9,631	-3.4
Printing.....	3,501	3,437	3,414	1.9	0.7	1.0	3,501	3,414	3,414	3,590	-2.5
Petroleum and coal products.....	14,200	14,181	14,104	0.1	0.5	-2.3	14,846	13,971	13,716	14,032	5.8
Chemical products.....	38,721	38,356	38,426	1.0	-0.2	-0.1	39,107	38,531	38,544	40,081	-2.4
Plastics and rubber products.....	14,278	14,253	14,205	0.2	0.3	0.3	14,360	14,270	14,315	15,414	-6.8
<b>WORK IN PROCESS</b>											
All manufacturing industries.....	248,849	248,044	247,305	0.3	0.3	0.6	250,821	248,774	247,687	243,113	3.2
Durable goods industries.....	185,087	184,203	183,235	0.5	0.5	0.1	185,881	184,592	183,411	178,822	3.9
Wood products.....	1,808	1,793	1,787	0.8	0.3	-0.1	1,817	1,844	1,821	1,872	-2.9
Nonmetallic mineral products.....	1,786	1,765	1,784	1.2	-1.1	-1.1	1,858	1,820	1,837	1,720	8.0
Primary metals.....	11,726	11,735	11,721	-0.1	0.1	-1.0	11,930	11,655	11,736	12,754	-6.5
Fabricated metal products.....	17,337	17,307	17,364	0.2	-0.3	0.0	17,525	17,361	17,425	16,905	3.7
Machinery.....	24,423	24,415	24,625	0.0	-0.9	-0.1	24,211	24,720	24,890	24,226	-0.1
Computers and electronic products.....	13,835	13,948	13,920	-0.8	0.2	0.7	14,084	13,994	14,157	14,047	0.3
Electrical equipment, appliances, and components.....	4,728	4,740	4,706	-0.3	0.7	1.1	4,796	4,759	4,734	4,629	3.6
Transportation equipment.....	102,978	101,996	101,021	1.0	1.0	0.3	103,183	102,030	100,525	96,455	7.0
Furniture and related products.....	1,439	1,422	1,381	1.2	3.0	-0.5	1,420	1,381	1,350	1,425	-0.4
Miscellaneous products.....	5,027	5,082	4,926	-1.1	3.2	-1.4	5,057	5,028	4,936	4,789	5.6
Nondurable goods industries.....	63,762	63,841	64,070	-0.1	-0.4	1.9	64,940	64,182	64,276	64,291	1.0
Food products.....	5,962	6,094	6,126	-2.2	-0.5	-1.3	5,701	6,066	6,269	7,445	-23.4
Beverage and tobacco products.....	11,625	11,593	11,419	0.3	1.5	0.9	11,675	11,585	11,517	11,073	5.4
Textiles.....	556	558	555	-0.4	0.5	0.0	558	555	552	581	-4.0
Textile products.....	465	463	463	0.4	0.0	-0.4	463	463	471	471	-1.7
Apparel.....	327	324	329	0.9	-1.5	2.5	317	318	323	273	16.1
Leather and allied products.....	131	132	134	-0.8	-1.5	-5.0	130	135	135	131	-0.8
Paper products.....	1,856	1,860	1,843	-0.2	0.9	1.5	1,874	1,875	1,839	1,642	14.1
Printing.....	1,144	1,136	1,127	0.7	0.8	-2.1	1,145	1,128	1,119	1,166	-1.8
Petroleum and coal products.....	17,810	17,564	17,972	1.4	-2.3	5.6	18,923	17,849	17,952	17,644	7.2
Chemical products.....	19,966	20,183	20,184	-1.1	0.0	0.9	20,216	20,246	20,141	19,960	1.3
Plastics and rubber products.....	3,920	3,934	3,918	-0.4	0.4	0.4	3,938	3,962	3,958	3,905	0.8
<b>FINISHED GOODS</b>											
All manufacturing industries.....	296,815	297,241	297,940	-0.1	-0.2	0.6	299,716	298,856	300,090	301,731	-0.7
Durable goods industries.....	146,913	147,218	148,137	-0.2	-0.6	0.8	148,961	147,845	150,385	148,581	0.3
Wood products.....	6,466	6,464	6,436	0.0	0.4	0.1	6,746	6,798	6,736	6,722	0.4
Nonmetallic mineral products.....	7,824	7,839	7,829	-0.2	0.1	-0.8	8,001	8,044	7,985	7,861	1.8
Primary metals.....	14,706	14,639	14,771	0.5	-0.9	0.3	14,838	14,871	15,108	15,268	-2.8
Fabricated metal products.....	22,534	22,589	22,742	-0.2	-0.7	-1.1	22,974	22,839	22,984	23,911	-3.9
Machinery.....	30,288	30,195	30,110	0.3	0.3	-0.7	30,570	30,677	30,814	29,282	4.4
Computers and electronic products.....	14,085	14,133	14,094	-0.3	0.3	-0.3	14,109	13,791	14,011	14,775	-4.5
Electrical equipment, appliances, and components.....	8,719	8,683	8,723	0.4	-0.5	0.0	8,881	8,785	8,934	9,066	-2.0
Transportation equipment.....	25,668	26,082	26,870	-1.6	-2.9	6.6	26,266	25,626	27,337	24,945	5.3
Furniture and related products.....	3,432	3,453	3,430	-0.6	0.7	-0.9	3,384	3,346	3,371	3,566	-5.1
Miscellaneous products.....	13,191	13,141	13,132	0.4	0.1	0.4	13,192	13,068	13,105	13,185	0.1
Nondurable goods industries.....	149,902	150,023	149,803	-0.1	0.1	0.3	150,755	151,011	149,705	153,150	-1.6
Food products.....	38,256	38,067	38,094	0.5	-0.1	1.6	37,901	37,796	38,279	37,753	0.4
Beverage and tobacco products.....	13,202	13,251	13,253	-0.4	0.0	1.1	13,462	13,380	13,383	13,953	-3.5
Textiles.....	1,484	1,499	1,489	-1.0	0.7	0.1	1,473	1,489	1,488	1,558	-5.5
Textile products.....	1,501	1,498	1,481	0.2	1.1	0.3	1,496	1,503	1,499	1,551	-3.5
Apparel.....	1,254	1,267	1,333	-1.0	-5.0	6.2	1,206	1,226	1,286	1,332	-9.5
Leather and allied products.....	728	726	722	0.3	0.6	-1.2	722	714	705	753	-4.1
Paper products.....	6,763	6,774	6,770	-0.2	0.1	-0.1	6,825	6,816	6,848	7,133	-4.3
Printing.....	2,005	2,046	1,995	-2.0	2.6	-0.1	2,043	2,060	1,985	2,231	-8.4
Petroleum and coal products.....	15,589	15,845	15,621	-1.6	1.4	-1.2	15,845	15,841	14,508	17,013	-6.9
Chemical products.....	54,181	54,135	54,120	0.1	0.0	-0.4	54,619	55,000	54,593	54,341	0.5
Plastics and rubber products.....	14,939	14,915	14,925	0.2	-0.1	0.6	15,163	15,186	15,131	15,532	-2.4

<sup>P</sup> Preliminary

<sup>F</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> 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.

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/>>.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data (Project No. P-6000307, Disclosure Review Board (DRB) approval number: CDBRB-FY24-0254).

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, April Full Report, June 4, 2024. Information on data sources and methodology can be found on our website at <[www.census.gov/manufacturing/m3/how\\_the\\_data\\_are\\_collected/index.html](http://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html)>.

**Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group <sup>1</sup>**

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio <sup>2</sup>			
	Apr 2024 <sup>p</sup>	Mar 2024 <sup>f</sup>	Feb 2024	Jan 2024	Apr 2024 <sup>p</sup>	Mar 2024 <sup>f</sup>	Feb 2024	Jan 2024
All manufacturing industries <sup>3</sup> .....	1.45	1.47	1.47	1.49	(X)	(X)	(X)	(X)
Durable goods industries <sup>3</sup> .....	1.85	1.87	1.87	1.88	7.10	7.20	7.13	7.15
Wood products.....	1.19	1.18	1.18	1.18	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.31	1.31	1.32	1.36	(X)	(X)	(X)	(X)
Primary metals.....	1.71	1.72	1.72	1.72	1.46	1.46	1.45	1.46
Fabricated metal products.....	1.78	1.78	1.78	1.78	3.64	3.65	3.64	3.66
Machinery.....	2.50	2.50	2.52	2.50	3.91	3.96	3.97	3.90
Computers and electronic products <sup>3</sup> .....	1.86	1.87	1.86	1.86	5.87	5.91	5.92	5.90
Electrical equipment, appliances, and components.....	1.83	1.84	1.83	1.78	3.39	3.42	3.40	3.30
Transportation equipment.....	1.84	1.89	1.90	1.95	15.71	16.28	15.88	16.40
Furniture and related products.....	1.47	1.47	1.46	1.47	1.78	1.79	1.79	1.77
Miscellaneous products.....	1.91	1.92	1.92	1.92	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.08	1.09	1.10	1.11	(X)	(X)	(X)	(X)
Food products.....	0.88	0.88	0.88	0.88	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.62	1.64	1.66	1.66	(X)	(X)	(X)	(X)
Textiles.....	1.70	1.71	1.72	1.71	(X)	(X)	(X)	(X)
Textile products.....	1.85	1.84	1.81	1.84	(X)	(X)	(X)	(X)
Apparel.....	2.70	2.69	2.67	2.75	(X)	(X)	(X)	(X)
Leather and allied products.....	2.31	2.27	2.16	2.26	(X)	(X)	(X)	(X)
Paper products.....	1.04	1.04	1.04	1.04	(X)	(X)	(X)	(X)
Printing.....	0.91	0.91	0.91	0.90	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.68	0.69	0.70	0.74	(X)	(X)	(X)	(X)
Chemical products.....	1.41	1.42	1.43	1.44	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.33	1.33	1.33	1.32	(X)	(X)	(X)	(X)

X Not Applicable

<sup>p</sup> Preliminary

<sup>f</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>2</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>3</sup> Unfilled orders to shipments ratio excludes semiconductor manufacturing.

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/>>.

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Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, April Full Report, June 4, 2024. Information on data sources and methodology can be found on our website at <[www.census.gov/manufacturing/m3/how\\_the\\_data\\_are\\_collected/index.html](http://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html)>.

**Table 8. Revisions to Previously Published Monthly Percent Changes <sup>1</sup>**

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

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Apr <sup>2</sup> 2024	Apr <sup>3</sup> 2023-Mar 2024	Apr <sup>2</sup> 2024	Apr <sup>3</sup> 2023-Mar 2024	Apr <sup>2</sup> 2024	Apr <sup>3</sup> 2023-Mar 2024	Apr <sup>2</sup> 2024	Apr <sup>3</sup> 2023-Mar 2024
	All manufacturing industries.....	(X)	0.2	(X)	0.2	(X)	0.1	(X)
Durable goods industries.....	0.0	0.1	-0.1	0.4	0.0	0.1	0.0	0.1
Wood products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.1	0.3	0.0	0.4	0.0	0.1	0.1	0.2
Fabricated metal products.....	0.1	0.1	-0.1	0.2	0.0	0.1	0.0	0.1
Machinery.....	0.1	0.2	0.1	0.4	0.0	0.1	0.0	0.2
Computers and electronic products.....	0.2	0.1	0.0	0.3	-0.1	0.0	0.0	0.1
Electrical equipment, appliances, and components.....	0.1	0.4	0.0	1.1	0.0	0.3	0.0	0.2
Transportation equipment.....	0.0	0.3	-0.1	1.1	-0.1	0.1	0.0	0.1
Furniture and related products.....	(X)	0.3	(X)	0.8	(X)	0.3	(X)	0.3
Miscellaneous products.....	(X)	0.2	(X)	0.2	(X)	0.1	(X)	0.1
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.1
Food products.....	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.1
Beverage and tobacco products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.1
Textile products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Paper products.....	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.5
Petroleum and coal products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.1
Plastics and rubber products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2

X Not Applicable

NA Not Available

<sup>1</sup> 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.

<sup>2</sup> The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

<sup>3</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.

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