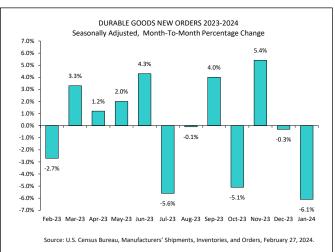
FOR RELEASE AT 8:30 AM EST, TUESDAY, FEBRUARY 27, 2024

MONTHLY ADVANCE REPORT ON DURABLE GOODS MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS JANUARY 2024

Release Number: CB 24-25 M3-1 (24)-01

February 27, 2024 — The U.S. Census Bureau announces the January advance report on durable goods manufacturers' shipments, inventories and orders:





New Orders

New orders for manufactured durable goods in January, down three of the last four months, decreased \$18.0 billion or 6.1 percent to \$276.7 billion, the U.S. Census Bureau announced today. This followed a 0.3 percent December decrease. Excluding transportation, new orders decreased 0.3 percent. Excluding defense, new orders decreased 7.3 percent. Transportation equipment, also down three of the last four months, led the decrease, \$17.4 billion or 16.2 percent to \$89.8 billion.

Shipments

Shipments of manufactured durable goods in January, down four of the last five months, decreased \$2.4 billion or 0.9 percent to \$279.0 billion. This followed a 0.6 percent December decrease. Transportation equipment, also down four of the last five months, drove the decrease, \$2.9 billion or 3.3 percent to \$86.3 billion.

Data Inquiries

Economic Indicators Division, Shipments, Inventories, and Orders Branch (M3) 301-763-4832

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Media Inquiries
Public Information Office
301-763-3030
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Unfilled Orders

Unfilled orders for manufactured durable goods in January, up thirteen of the last fourteen months, increased \$2.4 billion or 0.2 percent to \$1,395.5 billion. This followed a 1.3 percent December increase. Transportation equipment, also up thirteen of the last fourteen months, drove the increase, \$3.5 billion or 0.4 percent to \$899.8 billion.

Inventories

Inventories of manufactured durable goods in January, up six consecutive months, increased \$1.2 billion or 0.2 percent to \$527.6 billion. This followed a 0.3 percent December increase. Transportation equipment, also up six consecutive months, drove the increase, \$1.3 billion or 0.8 percent to \$169.0 billion.

Capital Goods

Nondefense new orders for capital goods in January decreased \$19.8 billion or 19.4 percent to \$82.7 billion. Shipments decreased \$2.5 billion or 3.0 percent to \$79.8 billion. Unfilled orders increased \$2.9 billion or 0.3 percent to \$844.6 billion. Inventories increased \$0.6 billion or 0.3 percent to \$229.9 billion. Defense new orders for capital goods in January increased \$2.7 billion or 24.2 percent to \$14.0 billion. Shipments increased \$0.2 billion or 1.5 percent to \$14.0 billion. Unfilled orders decreased less than \$0.1 billion or virtually unchanged to \$208.3 billion. Inventories increased \$0.2 billion or 0.7 percent to \$24.8 billion.

Revised December Data

Revised seasonally adjusted December figures for all manufacturing industries were: new orders, \$591.7 billion (revised from \$594.3 billion); shipments, \$578.5 billion (revised from \$581.0 billion); unfilled orders, \$1,393.1 billion (revised from \$1,393.2 billion) and total inventories, \$856.9 billion (revised from \$857.7 billion).

Revised and more detailed estimates, plus nondurable goods data, will be published on March 5, 2024, at 10:00 a.m. EST. The Advance Report on durable goods for February is scheduled for release on March 26, 2024, at 8:30 a.m. EDT. View the full schedule in the Economic Briefing Room:

<<u>www.census.gov/economic-indicators/</u>>. The full text and tables of this release can be found at <<u>www.census.gov/m3</u>>.

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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-FY23-0265).

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-inprocess, 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 monthto-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 sources. The use of company or divisional reports to estimate the monthly change for establishments is

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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>.

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

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/>

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. Durable Goods Manufacturers' Shipments and New Orders ¹

Item	ollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.] Seasonally Adjusted Not Seasonally Adjusted											
	Monthly			Percent Change			Monthly			Year to Date		
	Jan 2024 ²	Dec 2023 ^r	Nov 2023	Dec - Jan ²	Nov - Dec ^r	Oct - Nov	Jan 2024 ²	Dec 2023 ^r	Jan 2023	2024	2023	Percent Change 2024/2023
DURABLE GOODS												
Total:												
Shipments	279,019		283,029	-0.9	-0.6	1.0	257,079	275,734	253,017	257,079		
New Orders ⁴	276,652	294,654	295,403	-6.1	-0.3	5.4	252,857	300,192	254,810	252,857	254,810	-0.8
Excluding transportation:	192,739	102 252	192,775	0.3	-0.3	0.4	170 252	185,402	175,740	179,352	175,740	2.1
Shipments New Orders ⁴	186,878	192,252 187,462	187,574	-0.3	-0.3	0.4	179,352 177,585	181,246	173,740	179,532	173,740	
Excluding defense:										•		
Shipments	262,633	265,433	266,586	-1.1	-0.4	1.0	243,225	258,248	240,258	243,225	240,258	1.2
New Orders ⁴	260,151	280,636	280,429	-7.3	0.1	6.8	240,093	281,194	241,399	240,093	241,399	-0.5
Manufacturing with unfilled orders:												
Shipments	194,387	196,392	197,650	-1.0	-0.6	0.6	179,737	194,149	174,986		174,986	
New Orders	196,787	214,407	214,959	-8.2	-0.3	6.8	180,798	223,108	182,836	180,798	182,836	-1.1
Primary metals:	26.262	26 620	26 704	1.0	0.2	1.2	26 442	22.754	26.222	26.442	26.222	0.2
Shipments New Orders	26,363 26,373	26,620 26,823	26,701 26,695	-1.0 -1.7	-0.3 0.5	1.3 0.9	26,412 26,853	23,754 24,761	26,333 26,580	26,412 26,853	26,333 26,580	
Fabricated metal products:										•		
Shipments	36,337	36,416	36,334	-0.2	0.2	0.9	34,674	33,357	33,071	34,674	33,071	4.8
New Orders	36,114	36,447	36,377	-0.9	0.2	0.0	35,481	32,470	33,915	35,481	33,915	4.6
Machinery:												
Shipments	38,130		37,870	1.3	-0.6	-0.6	34,981	37,019	33,761	34,981	33,761	
New Orders	37,232	37,242	37,370	0.0	-0.3	-0.2	36,493	36,168	36,487	36,493	36,487	0.0
Computers and electronic products ⁴ : Shipments	29,738	29,645	29,774	0.3	-0.4	0.5	27,029	32,774	26,893	27,029	26,893	0.5
New Orders	25,738	24,877	24,854	1.4	0.1	0.4	21,952	29,640	20,833	21,952	20,833	
Computers and related products:												
Shipments	2,201	2,083	2,098	5.7	-0.7	2.2	1,954	2,435	1,739	1,954	1,739	12.4
New Orders	2,207	2,086	2,092	5.8	-0.3	2.3	1,960	2,438	1,760	1,960	1,760	11.4
Communications equipment:												
Shipments	3,015	3,013	3,032	0.1	-0.6	0.0	2,421	3,987	2,494	2,421	2,494	
New Orders	2,997	3,271	3,225	-8.4	1.4	4.6	2,271	4,754	2,470	2,271	2,470	-8.1
Electrical equipment, appliances, and components:												
Shipments	14,410	14,113	14,140	2.1	-0.2	-0.2	12,839	13,621	12,359	12,839	12,359	3.9
New Orders	14,310	14,187	14,180	0.9	0.0	1.9	13,234	13,649	13,081	13,234	13,081	1.2
Transportation equipment:	96 390	90 200	00.254	2.2	1.2	2.2	77 727	00 222	77 277	77 777	77 277	0.6
Shipments New Orders	86,280 89,774	89,209 107,192	90,254 107,829	-3.3 -16.2	-1.2 -0.6	2.3 15.3	77,727 75,272	90,332 118,946	77,277 80,415	77,727 75,272	77,277 80,415	
Motor vehicles and parts:												
Shipments	60,777	61,141	61,130	-0.6	0.0	3.4	56,491	57,078	55,883	56,491	55,883	1.1
New Orders	60,742	60,998	60,897	-0.4	0.2	3.0	56,938	57,778	56,428	56,938	56,428	0.9
Nondefense aircraft and parts:												
Shipments New Orders	9,953 13,732	12,926 33,411	13,906 33,066	-23.0 -58.9	-7.0 1.0	3.7 84.1	7,984 6,383	17,014 44,137	8,362 10,186	7,984 6,383	8,362 10,186	
	13,732	33,411	33,000	-36.9	1.0	04.1	0,363	44,137	10,180	0,363	10,160	-57.5
Defense aircraft and parts: Shipments	4,906	4,839	4,899	1.4	-1.2	-0.5	4,128	5,087	3,982	4,128	3,982	3.7
New Orders	4,351	4,242	4,296	2.6	-1.3	-13.5	3,718	5,874	4,888	3,718	4,888	
All other durable goods:												
Shipments	47,761	47,808	47,956	-0.1	-0.3	0.4	43,417	44,877	43,323	43,417	43,323	0.2
New Orders	47,630	47,886	48,098	-0.5	-0.4	0.7	43,572	44,558	43,512	43,572	43,512	0.1
Capital goods ³ :												
Shipments	93,770	96,035	97,231	-2.4 15.0	-1.2	0.4	83,186	104,471	81,914	83,186		
New Orders	96,651	113,770	115,358	-15.0	-1.4	12.9	81,801	130,687	87,261	81,801	87,261	-6.3
Nondefense capital goods: Shipments	79,770	82,243	83,055	-3.0	-1.0	0.2	71,431	89,151	70,938	71,431	70,938	0.7
New Orders	82,678	102,524	102,380	-19.4	0.1	18.2	71,431 71,394	115,198	76,938 76,071	71,431		
Excluding aircraft:							-		-	-	•	
Shipments	74,772	74,158	74,067	0.8	0.1	-0.3	68,196	76,921	66,569	68,196	66,569	2.4
New Orders	73,720		74,031	0.1	-0.6	0.9	69,864		69,979	69,864	-	
Defense capital goods:												
Shipments	14,000	13,792	14,176	1.5	-2.7	1.4	11,755		10,976	11,755	10,976	
New Orders	13,973	11,246	12,978	24.2	-13.3	-16.3	10,407	15,489	11,190	10,407	11,190	-7.0

r Revised data due to late receipts and concurrent seasonal adjustment.

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 Based on advance sample. 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.

³ The Capital Goods Industries include Nondefense: 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. Defense Capital Goods include: small arms and ordnance, communications equipment, aircraft; missiles, space vehicles, and parts, ships and boats, and search and navigation equipment.

⁴ Estimates and percent changes of shipments and inventories for the semiconductor industry are included in computers and electronic products, and all other applicable aggregate totals. Estimates and percent changes for new orders and unfilled orders exclude semiconductor industry data.

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-FY23-0265). Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, January Advance Report, February 27, 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.

Table 2. Durable Goods Manufacturers' Unfilled Orders and Total Inventories ¹

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

<u>restimates are snown in millions of dollars</u>	and are based on data from the Manufacturers' Shipments, Inventories, and Orders Seasonally Adjusted						Survey.] Not Seasonally Adjusted				
	Monthly				ercent Change	9		Percent			
ltem	Jan 2024 ²	Dec 2023 ^r	Nov 2023	Dec - Jan ²	Nov - Dec ^r	Oct - Nov	Jan 2024 ²	Dec 2023 ^r	Jan 2023	Change 2024/ 2023	
DURABLE GOODS											
Total: Unfilled Orders ⁴ Total Inventories	1,395,454 527,642	1,393,054 526,485	1,375,039 525,004		1.3 0.3		1,394,343 525,680	•	•		
Excluding transportation: Unfilled Orders ⁴ Total Inventories	495,606 358,595	496,700 358,717	496,668 358,688		0.0 0.0		493,413 357,899	•	497,096 357,533		
Excluding defense: Unfilled Orders ⁴ Total Inventories	1,154,450 497,529	1,152,165 496,601	1,132,140 495,254		1.8 0.3	1.7 0.1	1,153,819 495,791	1,151,668 484,560	•	10.6 1.0	
Manufacturing with unfilled orders: Unfilled Orders Total Inventories	1,395,454 427,088	1,393,054 426,187	1,375,039 425,036		1.3 0.3		1,394,343 425,137	*	1,278,146 419,601	9.1 1.3	
Primary metals: Unfilled Orders Total Inventories	38,652 45,591	38,642 45,631	38,439 45,744		0.5 -0.2	0.0 -0.7	38,754 45,525	,	38,013 47,128		
Fabricated metal products: Unfilled Orders Total Inventories	129,658 64,754	129,881 64,696	129,850 64,768		0.0 -0.1	0.0 0.1	127,491 64,662		•		
Machinery: Unfilled Orders Total Inventories	135,679 95,413	136,577 95,414	136,985 95,060		-0.3 0.4		135,836 94,473	,	•		
Computers and electronic products ⁴ : Unfilled Orders Total Inventories	135,256 55,442	135,008 55,568	134,954 55,427	0.2 -0.2	0.0 0.3		135,385 55,494	-	134,374 55,450		
Computers and related products: Unfilled Orders Total Inventories	1,278 3,524	1,272 3,566	1,269 3,478		0.2 2.5	-0.5 0.8	1,278 3,387		1,304 3,517		
Communications equipment: Unfilled Orders Total Inventories	17,796 4,963	17,814 4,983	17,556 5,016	-0.1 -0.4	1.5 -0.7	1.1 -0.4	17,977 4,877	· ·	17,769 4,987	1.2 -2.2	
Electrical equipment, appliances, and components: Unfilled Orders Total Inventories	43,717 26,097	43,817 26,291	43,743 26,487	-0.2 -0.7	0.2 -0.7	0.1 0.3	43,590 26,158	,	43,137 25,894		
Transportation equipment: Unfilled Orders Total Inventories	899,848 169,047	896,354 167,768	878,371 166,316	0.4 0.8	2.0 0.9	2.0 0.3	900,930 167,781	903,385 162,277	781,050 162,023		
Motor vehicles and parts: Unfilled Orders Total Inventories	34,941 54,613	34,976 54,357	35,119 54,256		-0.4 0.2		35,627 54,635	35,180 51,372	-		
Nondefense Aircraft and parts: Unfilled Orders Total Inventories	648,916 80,855	645,137 79,977	624,652 78,947	0.6 1.1	3.3 1.3		649,508 79,859		532,539 76,368		
Defense Aircraft and parts: Unfilled Orders Total Inventories	71,672 14,043	72,227 14,007	72,824 13,925		-0.8 0.6		•	-	68,208 13,928		
All other durable goods: Unfilled Orders Total Inventories	12,644 71,298	12,775 71,117	12,697 71,202		0.6 -0.1	1.1 -0.1	12,357 71,587		13,221 71,767	-6.5 -0.3	
Capital goods ³ : Unfilled Orders Total Inventories	1,052,883 254,651	1,050,002 253,856	1,032,267 252,417	0.3 0.3	1.7 0.6	1.8 0.5	1,051,761 252,068	1,053,146 248,093			
Nondefense capital goods: Unfilled Orders Total Inventories	844,618 229,857	841,710 229,244	821,429 227,883		2.5 0.6	2.4 0.4	844,479 227,425	,	733,777 221,680		
Excluding aircraft: Unfilled Orders Total Inventories	268,495 163,341	269,547 163,463	270,083 162,884		-0.2 0.4		268,325 162,036		274,090 159,097		
Defense capital goods: Unfilled Orders Total Inventories	208,265 24,794	208,292 24,612	210,838 24,534		-1.2 0.3		207,282 24,643	· ·	•		

r Revised data due to late receipts and concurrent seasonal adjustment.

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⁴ Estimates and percent changes of shipments and inventories for the semiconductor industry are included in computers and electronic products, and all other applicable aggregate totals. Estimates and percent changes for new orders and unfilled orders exclude semiconductor industry data.

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-FY23-0265).

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, January Advance Report, February 27, 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.