

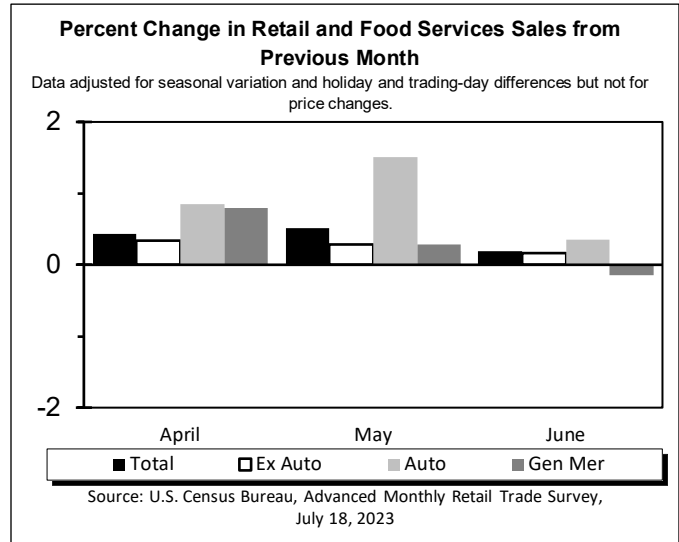
FOR RELEASE AT 8:30 AM EDT, TUESDAY, JULY 18, 2023

ADVANCE MONTHLY SALES FOR RETAIL AND FOOD SERVICES, JUNE 2023

Release Number: CB23-112

July 18, 2023 — The U.S. Census Bureau announced the following advance estimates of U.S. retail and food services sales for June 2023:

ADVANCE MONTHLY SALES		
June 2023	\$689.5 billion	0.2%*
May 2023 (revised)	\$688.2 billion	0.5%
Next release: August 15, 2023		
* The 90 percent confidence interval includes zero. There is insufficient statistical evidence to conclude that the actual change is different from zero. Data adjusted for seasonal variation and holiday and trading-day differences but not for price changes. Source: U.S. Census Bureau, Advanced Monthly Retail Trade Survey, July 18, 2023		



Advance Estimates of U.S. Retail and Food Services

Advance estimates of U.S. retail and food services sales for June 2023, adjusted for seasonal variation and holiday and trading-day differences, but not for price changes, were \$689.5 billion, up 0.2 percent (± 0.5 percent)* from the previous month, and up 1.5 percent (± 0.7 percent) above June 2022. Total sales for the April 2023 through June 2023 period were up 1.6 percent (± 0.4 percent) from the same period a year ago. The April 2023 to May 2023 percent change was revised from up 0.3 percent (± 0.5 percent)* to up 0.5 percent (± 0.2 percent).

Retail trade sales were up 0.2 percent (± 0.5 percent)* from May 2023, and up 0.5 percent (± 0.5 percent)* above last year. Nonstore retailers were up 9.4 percent (± 1.6 percent) from last year, while food services and drinking places were up 8.4 percent (± 2.3 percent) from June 2022.

General Information

The July 2023 Advance Monthly Retail report is scheduled for release on August 15, 2023 at 8:30 a.m. EDT.

View the full schedule in the Economic Briefing Room: <https://www.census.gov/economic-indicators/>.

The full text and tables of this release can be found at www.census.gov/retail/.

Data Inquiries

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EXPLANATORY NOTES

The advance estimates are based on a subsample of the Census Bureau's full retail and food services sample. A stratified random sampling method is used to select approximately 4,800 retail and food services firms whose sales are then weighted and benchmarked to represent the complete universe of over three million retail and food services firms. For more information on how data is collected for the Advance Monthly Retail Trade Survey, see our methodology page at: https://www.census.gov/retail/marts/how_surveys_are_collected.html.

Survey Description

The U.S. Census Bureau conducts the Advance Monthly Retail Trade and Food Services Survey to provide an early estimate of monthly sales by kind of business for retail and food service firms located in the United States. Each month, questionnaires are mailed to a probability sample of approximately 4,800 employer firms selected from the larger Monthly Retail Trade Survey. Advance sales estimates are computed using a link relative estimator. For each detailed industry, we compute a ratio of current-to-previous month weighted sales using data from units for which we have obtained usable responses for both the current and previous month. For each detailed industry, the advance total sales estimates for the current month is computed by multiplying this ratio by the preliminary sales estimate for the previous month (derived from the larger MRTS) at the appropriate industry level. Total estimates for broader industries are computed as the sum of the detailed industry estimates. The link relative estimate is used because imputation is not performed for most nonrespondents in MARTS. For a limited number of nonresponding companies that have influential effects on the estimates, sales may be estimated based on historical performance of that company. The monthly estimates are benchmarked to the annual survey estimates from the Annual Retail Trade Survey once available. The estimates are adjusted for seasonal variation and holiday and trading day differences. Additional information on MARTS and MRTS can be found on the Census Bureau website at: www.census.gov/retail.

Reliability of Estimates

Because the estimates presented in this report are based on a sample survey, they contain sampling error and nonsampling error.

Sampling error is the difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Standard errors and coefficients of variation (CV), as given in Table 3 of this report, are estimated measures of sampling variation.

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The margin of sampling error, as used on page 1, gives a range about the estimate which is a 90 percent confidence interval. If, for example, the percent change estimate is +1.2 percent and its estimated standard error is 0.9 percent, then the margin of sampling error is $\pm 1.753 \times 0.9$ percent or ± 1.6 percent, and the 90 percent confidence interval is -0.4 percent to +2.8 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90 percent confidence level that the change is different from zero and therefore the change is not statistically significant. Estimated changes shown in the text are statistically significant unless otherwise noted. For a monthly total, the median estimated coefficient of variation is given. The resulting confidence interval is the estimated value $\pm 1.753 \times CV \times$ (the estimated monthly total). The Census Bureau recommends that individuals using estimates in this report incorporate this information into their analyses, as sampling error could affect the conclusions drawn from the estimates.

Nonsampling error encompasses all other factors that contribute to the total error of a sample survey estimate. This type of error can occur because of nonresponse, insufficient coverage of the universe of retail businesses, mistakes in the recording and coding of data, and other errors of collection, response, coverage, or processing. Although nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error.

Weather Information

For information on the impact of weather events on the compilation of this report, please see the Frequently Asked Questions (FAQs) on our website at:
<www.census.gov/retail/marts_weather_faqs.html>

RESOURCES

The Rest of the Consumer Spending Story

Retail and services together represent what's commonly referred to as consumer spending. Quarterly Services Survey (QSS) revenue comprises roughly 2/3 of the personal consumption expenditures component of the U.S. Gross Domestic Product (GDP) measured by the Bureau of Economic Analysis (BEA). The first quarter 2023 Quarterly Services Report was released on June 9, 2023 at 10:00 AM. Learn about historical revenue trends for certain industries going back 15 years and other data, such as in-patient days and discharges for hospitals, by visiting <<https://www.census.gov/services/index.html>>

API

The Census Bureau's application programming interface lets developers create custom apps to reach new

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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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* The 90 percent confidence interval includes zero. There is insufficient statistical evidence to conclude that the actual change is different from zero.

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Table 1. Estimated Monthly Sales for Retail and Food Services, by Kind of Business

(Total sales estimates are shown in millions of dollars and are based on data from the Advance Monthly Retail Trade Survey, Monthly Retail Trade Survey, and administrative records.)

NAICS ¹ code	Kind of Business	Not Adjusted						Adjusted ²					
		6 Month Total		2023			2022		2023			2022	
		2023	% Chg. 2022	Jun. ³ (a)	May (p)	Apr. (r)	Jun.	May	Jun. ³ (a)	May (p)	Apr. (r)	Jun. (r)	May (r)
	Retail & food services,												
	total	4,042,625	3.2	705,355	725,184	677,540	693,577	702,760	689,499	688,161	684,636	679,376	674,915
	Total (excl. motor vehicle & parts) ...	3,247,956	3.4	565,928	582,470	543,975	561,127	570,623	556,299	555,424	553,869	552,923	548,642
	Total (excl. gasoline stations)	3,722,192	4.8	648,332	667,874	623,930	620,064	631,649	636,992	634,899	630,210	611,434	608,332
	Total (excl. motor vehicle & parts & gasoline stations)	2,927,523	5.4	508,905	525,160	490,365	487,614	499,512	503,792	502,162	499,443	484,981	482,059
	Retail	3,513,100	1.9	613,207	631,059	588,220	609,743	616,626	600,553	599,280	596,809	597,347	593,733
	GAFO⁴	(*)	(*)	(*)	130,197	123,354	126,292	129,704	(*)	128,260	127,883	128,471	128,082
441	Motor vehicle & parts dealers	794,669	2.7	139,427	142,714	133,565	132,450	132,137	133,200	132,737	130,767	126,453	126,273
4411, 4412	Auto & other motor veh. dealers .	729,469	2.3	127,748	131,012	122,655	121,672	121,427	122,013	121,645	119,780	116,099	115,865
44111	New car dealers	(*)	(*)	(*)	103,982	97,891	95,625	95,901	(NA)	(NA)	(NA)	(NA)	(NA)
4413	Auto parts, acc. & tire stores.....	(*)	(*)	(*)	11,702	10,910	10,778	10,710	(*)	11,092	10,987	10,354	10,408
442	Furniture & home furn. stores	66,796	-3.2	11,274	11,308	10,647	11,695	11,998	11,285	11,130	11,172	11,825	12,022
4421	Furniture stores	(*)	(*)	(*)	6,168	5,886	6,768	6,838	(NA)	(NA)	(NA)	(NA)	(NA)
4422	Home furnishings stores	(*)	(*)	(*)	(S)	(S)	(S)	(S)	(NA)	(NA)	(NA)	(NA)	(NA)
443	Electronics & appliance stores	42,843	-1.7	7,451	7,268	6,649	7,319	7,421	7,868	7,782	7,625	7,794	8,023
444	Building material & garden eq. & supplies dealers.....	253,203	-2.0	46,778	50,914	43,585	48,588	50,558	41,441	41,938	41,348	42,795	42,775
4441	Building mat. & sup. dealers	(*)	(*)	(*)	42,664	36,290	41,913	43,063	(*)	35,912	35,474	37,124	37,123
445	Food & beverage stores.....	481,224	3.8	81,767	84,033	80,198	80,700	81,238	81,227	81,814	81,778	80,183	79,541
4451	Grocery stores	434,422	3.9	73,278	75,467	72,358	72,532	73,154	72,913	73,411	73,535	72,099	71,509
4453	Beer, wine & liquor stores	(*)	(*)	(*)	6,220	5,641	5,940	5,830	(*)	6,062	5,976	5,829	5,767
446	Health & personal care stores	209,326	7.6	35,597	36,361	34,298	33,394	32,964	35,561	35,613	35,542	33,461	32,898
44611	Pharmacies & drug stores	(*)	(*)	(*)	30,266	28,433	27,820	27,526	(*)	29,557	29,403	27,932	27,444
447	Gasoline stations	320,433	-12.5	57,023	57,310	53,610	73,513	71,111	52,507	53,262	54,426	67,942	66,583
448	Clothing & clothing accessories stores	141,558	1.1	25,028	26,525	24,700	24,701	26,470	25,876	25,728	25,652	25,684	25,716
44811	Men's clothing stores	(*)	(*)	(*)	(S)	(S)	(S)	(S)	(*)	(S)	(S)	(S)	(S)
44812	Women's clothing stores	(*)	(*)	(*)	3,655	3,349	3,333	3,815	(*)	3,338	3,267	3,425	3,494
44814	Family clothing stores	(*)	(*)	(*)	10,714	10,291	10,123	10,367	(NA)	(NA)	(NA)	(NA)	(NA)
4482	Shoe stores	(*)	(*)	(*)	3,248	3,100	3,061	3,328	(*)	3,209	3,186	3,291	3,315
451	Sporting goods, hobby, musical instrument, & book stores	47,212	1.6	8,562	8,363	7,976	8,637	8,201	8,494	8,577	8,586	8,603	8,534
452	General merchandise stores.....	414,889	3.4	72,400	74,210	71,106	71,400	73,046	72,314	72,417	72,208	71,980	71,095
4521	Department stores	61,241	-1.1	10,365	10,965	10,531	10,987	11,308	10,873	11,137	11,118	11,474	11,569
4529	Other general merch. stores.....	(*)	(*)	(*)	63,245	60,575	60,413	61,738	(*)	61,280	61,090	60,506	59,526
45291	Warehouse clubs & supercenters.....	(*)	(*)	(*)	54,001	51,915	52,034	52,838	(*)	52,633	52,439	52,243	51,200
45299	All oth. gen. merch. stores.....	(*)	(*)	(*)	9,244	8,660	8,379	8,900	(*)	8,647	8,651	8,263	8,326
453	Miscellaneous store retailers	90,425	4.1	16,757	17,065	15,139	16,247	16,316	15,607	15,305	15,499	15,372	14,898
454	Nonstore retailers	650,522	7.9	111,143	114,988	106,747	101,099	105,166	115,173	112,977	112,206	105,255	105,375
4541	Elect. shopping & m/o houses	(*)	(*)	(*)	105,304	97,542	91,617	95,475	(*)	102,936	102,245	94,842	94,811
722	Food services & drinking places	529,525	12.7	92,148	94,125	89,320	83,834	86,134	88,946	88,881	87,827	82,029	81,182

(*) Advance estimates are not available for this kind of business.

(NA) Not available (a) Advance estimate (p) Preliminary estimate (r) Revised estimate

(S) Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%), poor response quality (total quantity response rate is less than 50%), or other concerns about the estimate's quality.

(1) For a full description of the NAICS codes used in this table, see <<https://www.census.gov/naics/>>.

(2) Estimates are concurrently adjusted for seasonal variation and for holiday and trading day differences, but not for price changes. Concurrent seasonal adjustment uses all available unadjusted estimates as input to the X-13ARIMA-SEATS program. The factors derived from the program are used in calculating all seasonally adjusted estimates shown in this table. Year-to-date seasonally adjusted sales estimates are not tabulated. Adjustment factors and explanatory material can be found on the Internet at <<http://www.census.gov/retail/>>.

(3) Advance estimates are based on early reports obtained from a small sample of firms selected from the larger Monthly Retail Trade Survey (MRTS) sample. All other estimates are from the MRTS sample.

(4) GAFO represents firms which specialize in department store types of merchandise and is comprised of furniture & home furnishings (442), electronics & appliances (443), clothing & accessories (448), sporting goods, hobby, musical instrument, and book (451), general merchandise (452), office supply, stationery, and gift stores (4532).

Source: U.S. Census Bureau, Advance Monthly Retail Trade Survey, July 18, 2023. Table 3 provides estimated measures of sampling variability. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at <www.census.gov/retail/how_surveys_are_collected.html>.

Table 2. Estimated Change in Monthly Sales for Retail and Food Services, by Kind of Business

(Estimates are shown as percents and are based on data from the Advance Monthly Retail Trade Survey, Monthly Retail Trade Survey, and administrative records.)

NAICS code	Kind of Business	Percent Change ¹					
		Jun. 2023 Advance from --		May 2023 Preliminary from --		Apr. 2023 through Jun. 2023 from --	
		May 2023 (p)	Jun. 2022 (r)	Apr. 2023 (r)	May 2022 (r)	Jan. 2023 through Mar. 2023	Apr. 2022 through Jun. 2022
	Retail & food services,						
	total	0.2	1.5	0.5	2.0	0.0	1.6
	Total (excl. motor vehicle & parts)	0.2	0.6	0.3	1.2	-0.2	1.2
	Total (excl. gasoline stations)	0.3	4.2	0.7	4.4	0.4	3.8
	Total (excl. motor vehicle & parts & gasoline stations)	0.3	3.9	0.5	4.2	0.3	3.9
	Retail	0.2	0.5	0.4	0.9	-0.1	0.6
441	Motor vehicle & parts dealers	0.3	5.3	1.5	5.1	0.7	3.4
4411, 4412	Auto & other motor veh. dealers ...	0.3	5.1	1.6	5.0	0.5	3.1
442	Furniture & home furn. stores	1.4	-4.6	-0.4	-7.4	-5.8	-7.0
443	Electronics & appliance stores	1.1	0.9	2.1	-3.0	0.5	-3.7
444	Building material & garden eq. & supplies dealers	-1.2	-3.2	1.4	-2.0	-1.9	-3.3
445	Food & beverage stores	-0.7	1.3	0.0	2.9	-0.4	2.6
4451	Grocery stores	-0.7	1.1	-0.2	2.7	-0.5	2.6
446	Health & personal care stores	-0.1	6.3	0.2	8.3	1.7	7.4
447	Gasoline stations	-1.4	-22.7	-2.1	-20.0	-4.1	-19.2
448	Clothing & clothing accessories stores	0.6	0.7	0.3	0.0	-1.2	-0.4
451	Sporting goods, hobby, musical instrument, & book stores	-1.0	-1.3	-0.1	0.5	-1.2	-0.1
452	General merchandise stores	-0.1	0.5	0.3	1.9	-0.8	1.5
4521	Department stores	-2.4	-5.2	0.2	-3.7	-5.1	-4.2
453	Miscellaneous store retailers	2.0	1.5	-1.3	2.7	0.5	2.3
454	Nonstore retailers	1.9	9.4	0.7	7.2	2.6	8.0
722	Food services & drinking places	0.1	8.4	1.2	9.5	0.6	9.0

(p) Preliminary estimate (r) Revised estimate

(1) Estimates shown in this table are derived from adjusted estimates provided in Table 1 of this report.

Source: U.S. Census Bureau, Advance Monthly Retail Trade Survey, July 18, 2023. Table 3 provides estimated measures of sampling variability.

Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at

www.census.gov/retail/how_surveys_are_collected.html.

Table 3. Estimated Measures of Sampling Variability and Revision to Advance Estimates Jun. 2023

(Estimates are shown as percents and are based on data from the Advance Monthly Retail Trade Survey and Monthly Retail Trade Survey)

NAICS Code	Kind of Business	Median CV Current Mo. (%)	Median standard error Percent change			Revision for month-to-month change	
			Previous Mo. to Current Mo.	Previous Qtr. to Current Qtr.	Current Mo. to same Mo. Last Yr.	Average revision	Median absolute revision
	Retail & food services,						
	total	0.8	0.3	0.2	0.4	-0.1	0.1
	Total (excl. motor vehicle & parts)	1.0	0.2	0.2	0.3	-0.1	0.2
	Total (excl. gasoline stations)	0.9	0.3	0.2	0.4	0.0	0.3
	Total (excl. motor vehicle & parts & gasoline stations)	1.1	0.2	0.2	0.4	0.0	0.3
	Retail, total	0.7	0.3	0.2	0.3	-0.1	0.1
441	Motor vehicle & parts dealers	1.6	1.0	0.4	1.1	0.1	0.3
4411, 4412	Auto & other motor veh. dealers	1.8	1.1	0.4	1.2	0.1	0.3
442	Furniture & home furn. stores	2.7	1.4	0.7	1.7	-0.2	0.9
443	Electronics & appliance stores	2.1	0.8	0.5	1.0	0.3	0.6
444	Building material & garden eq. & supplies dealers	2.5	0.7	0.5	1.1	-0.1	0.2
445	Food & beverage stores	0.7	0.1	0.2	0.5	-0.1	0.2
4451	Grocery stores	0.7	0.2	0.2	0.5	-0.1	0.2
446	Health & personal care stores	3.2	0.4	0.3	0.7	0.1	0.2
447	Gasoline stations	1.3	0.5	0.4	0.7	-0.5	0.8
448	Clothing & clothing accessories stores	2.8	0.9	0.7	1.4	0.0	0.4
451	Sporting goods, hobby, musical instrument, & book stores	2.5	1.1	0.9	1.7	0.3	0.2
452	General merchandise stores	1.2	0.1	0.2	0.2	0.0	0.1
4521	Department stores	0.0	0.0	0.0	0.0	0.2	0.1
453	Miscellaneous store retailers	5.3	2.7	1.2	2.9	-0.2	1.5
454	Nonstore retailers	1.6	0.5	0.4	0.9	0.0	0.5
722	Food services & drinking places	3.6	0.8	0.7	1.3	-0.1	0.7

(1) Estimated measures of sampling variability are based on estimates not adjusted for seasonal variation or holiday or trading day variation. Medians are based on estimates for the most recent 12 months.

(2) These columns provide measures of the difference between the advance-to-preliminary and preliminary-to-final estimates of month-to-month change for the same pair of months as measured by the Advance sample and MRTS sample. The average and median revisions are based on estimates for the most recent 12 months.

Source: U.S. Census Bureau, Advance Monthly Retail Trade Survey, July 18, 2023. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at <www.census.gov/retail/how_surveys_are_collected.html>.