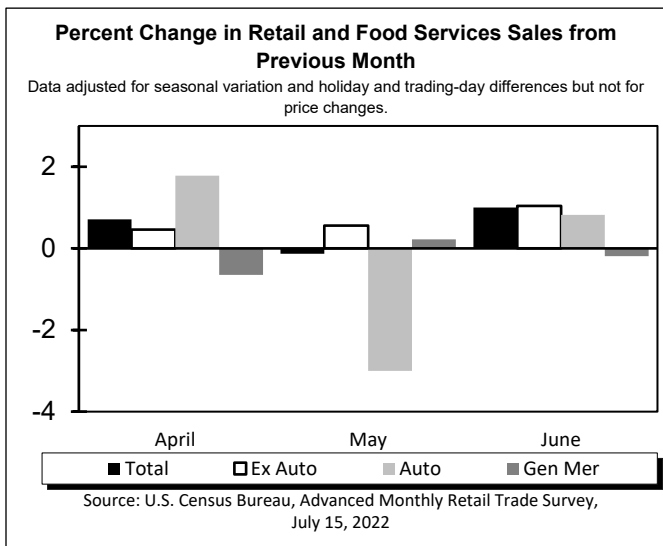


ADVANCE MONTHLY SALES FOR RETAIL AND FOOD SERVICES, JUNE 2022

Release Number: CB22-113

July 15, 2022 — The U.S. Census Bureau announced the following advance estimates of U.S. retail and food services sales for June 2022:

ADVANCE MONTHLY SALES		
June 2022	\$680.6 billion	1.0%
May 2022 (revised)	\$673.9 billion	-0.1%*
Next release: August 17, 2022		
<small>* 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 15, 2022</small>		



Advance Estimates of U.S. Retail and Food Services

Advance estimates of U.S. retail and food services sales for June 2022, adjusted for seasonal variation and holiday and trading-day differences, but not for price changes, were \$680.6 billion, an increase of 1.0 percent (± 0.5 percent) from the previous month, and 8.4 percent (± 0.7 percent) above June 2021. Total sales for the April 2022 through June 2022 period were up 8.1 percent (± 0.5 percent) from the same period a year ago. The April 2022 to May 2022 percent change was revised from down 0.3 percent (± 0.5 percent)* to down 0.1 percent (± 0.3 percent)*.

Retail trade sales were up 1.0 percent (± 0.4 percent) from May 2022, and up 7.7 percent (± 0.7 percent) above last year. Gasoline stations were up 49.1 percent (± 1.6 percent) from June 2021, while food services and drinking places were up 13.4 percent (± 3.9 percent) from last year.

General Information

The July 2022 Advance Monthly Retail report is scheduled for release on August 17, 2022 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/.

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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 5,500 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.

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 5,500 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.

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

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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.

Statement Regarding COVID-19 Impact

The Census Bureau continues to monitor response and data quality and has determined that estimates in this release meet publication standards. For more information, see [COVID-19 FAQs](#).

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

API

The Census Bureau's application programming interface 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.

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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		2022			2021		2022			2021	
		2022	% Chg. 2021	Jun. ³ (a)	May (p)	Apr. (r)	Jun.	May	Jun. ³ (a)	May (p)	Apr. (r)	Jun. (r)	May (r)
	Retail & food services,												
	total	3,923,638	10.3	695,144	698,183	681,357	638,109	644,652	680,591	673,852	674,719	627,756	622,921
	Total (excl. motor vehicle & parts) ...	3,151,594	12.3	562,875	566,350	544,061	505,812	507,052	552,669	546,969	543,908	499,775	491,778
	Total (excl. gasoline stations)	3,546,621	7.8	618,846	625,310	616,581	587,217	594,839	610,721	606,439	610,900	580,894	576,712
	Total (excl. motor vehicle & parts & gasoline stations)	2,774,577	9.2	486,577	493,477	479,285	454,920	457,239	482,799	479,556	480,089	452,913	445,569
	Retail	3,430,974	8.8	607,072	607,853	594,426	560,679	567,461	594,499	588,635	590,238	551,844	550,441
	GAFO⁴	(*)	(*)	(*)	126,276	121,740	121,517	124,204	(*)	125,703	125,980	124,626	122,801
441	Motor vehicle & parts dealers	772,044	2.9	132,269	131,833	137,296	132,297	137,600	127,922	126,883	130,811	127,981	131,143
4411, 4412	Auto & other motor veh. dealers .	711,237	2.2	121,330	121,098	126,870	122,624	128,180	117,454	116,440	120,599	118,707	121,844
44111	New car dealers	(*)	(*)	(*)	95,494	100,066	96,934	102,538	(NA)	(NA)	(NA)	(NA)	(NA)
4413	Auto parts, acc. & tire stores.....	(*)	(*)	(*)	10,735	10,426	9,673	9,420	(*)	10,443	10,212	9,274	9,299
442	Furniture & home furn. stores	70,318	2.9	12,295	12,185	12,197	11,730	11,925	12,382	12,209	12,283	11,837	11,985
4421	Furniture stores	(*)	(*)	(*)	6,737	6,721	6,406	6,742	(NA)	(NA)	(NA)	(NA)	(NA)
4422	Home furnishings stores	(*)	(*)	(*)	(S)	(S)	(S)	(S)	(NA)	(NA)	(NA)	(NA)	(NA)
443	Electronics & appliance stores	42,185	-3.2	7,202	7,132	7,080	7,891	7,501	7,703	7,669	7,797	8,476	8,074
444	Building material & garden eq. & supplies dealers	255,910	6.2	47,930	50,050	46,152	44,931	46,315	41,705	42,074	42,168	39,193	39,836
4441	Building mat. & sup. dealers	(*)	(*)	(*)	43,050	39,589	39,143	39,644	(*)	36,858	37,173	34,216	34,898
445	Food & beverage stores	455,225	7.6	78,614	79,619	76,368	73,120	74,598	78,333	78,043	77,270	73,113	72,530
4451	Grocery stores	409,526	8.6	70,606	71,464	68,404	64,865	66,336	70,325	69,926	69,165	64,930	64,404
4453	Beer, wine & liquor stores	(*)	(*)	(*)	5,915	5,710	5,986	6,016	(*)	5,868	5,862	5,898	5,875
446	Health & personal care stores	193,608	3.8	32,463	32,891	32,435	32,617	31,436	32,659	32,695	32,962	32,847	31,531
44611	Pharmacies & drug stores	(*)	(*)	(*)	27,141	26,772	27,021	26,084	(*)	27,006	27,125	27,377	26,215
447	Gasoline stations	377,017	41.3	76,298	72,873	64,776	50,892	49,813	69,870	67,413	63,819	46,862	46,209
448	Clothing & clothing accessories stores	141,659	10.1	24,664	26,847	25,904	24,618	25,886	25,764	25,866	26,166	25,828	24,789
44811	Men's clothing stores	(*)	(*)	(*)	(S)	(S)	(S)	(S)	(*)	(S)	(S)	(S)	(S)
44812	Women's clothing stores	(*)	(*)	(*)	3,690	3,628	3,368	3,502	(*)	3,339	3,350	3,490	3,169
44814	Family clothing stores	(*)	(*)	(*)	10,207	9,716	9,859	9,986	(NA)	(NA)	(NA)	(NA)	(NA)
4482	Shoe stores	(*)	(*)	(*)	3,485	3,361	3,389	3,651	(*)	3,338	3,289	3,609	3,487
451	Sporting goods, hobby, musical instrument, & book stores	50,024	1.3	9,316	8,815	8,733	9,100	8,686	9,178	9,106	9,069	8,939	9,095
452	General merchandise stores	386,310	2.1	67,055	68,665	65,483	65,694	67,916	68,044	68,175	68,026	67,064	66,475
4521	Department stores	60,764	3.1	10,714	11,025	10,702	10,798	11,189	11,229	11,526	11,419	11,564	11,432
4529	Other general merch. stores.....	(*)	(*)	(*)	57,640	54,781	54,896	56,727	(*)	56,649	56,607	55,500	55,043
45291	Warehouse clubs & supercenters.....	(*)	(*)	(*)	48,496	46,432	46,910	48,125	(*)	48,111	48,266	47,624	46,905
45299	All oth. gen. merch. stores.....	(*)	(*)	(*)	9,144	8,349	7,986	8,602	(*)	8,538	8,341	7,876	8,138
453	Miscellaneous store retailers	89,806	20.9	16,423	17,175	15,685	14,266	13,723	15,713	15,497	15,864	13,656	12,482
454	Nonstore retailers	596,868	9.9	102,543	99,768	102,317	93,523	92,062	105,226	103,005	104,003	96,048	96,292
4541	Elect. shopping & m/o houses	(*)	(*)	(*)	89,868	92,322	85,330	83,723	(*)	92,457	93,538	87,160	87,394
722	Food services & drinking places	492,664	21.7	88,072	90,330	86,931	77,430	77,191	86,092	85,217	84,481	75,912	72,480

(*) 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 15, 2022. 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. 2022 Advance from --		May 2022 Preliminary from --		Apr. 2022 through Jun. 2022 from --	
		May 2022 (p)	Jun. 2021 (r)	Apr. 2022 (r)	May 2021 (r)	Jan. 2022 through Mar. 2022	Apr. 2021 through Jun. 2021
	Retail & food services,						
	total	1.0	8.4	-0.1	8.2	2.3	8.1
	Total (excl. motor vehicle & parts)	1.0	10.6	0.6	11.2	3.1	10.8
	Total (excl. gasoline stations)	0.7	5.1	-0.7	5.2	1.2	5.2
	Total (excl. motor vehicle & parts & gasoline stations)	0.7	6.6	-0.1	7.6	1.8	7.3
	Retail	1.0	7.7	-0.3	6.9	1.6	6.9
441	Motor vehicle & parts dealers	0.8	0.0	-3.0	-3.2	-1.0	-1.8
4411, 4412	Auto & other motor veh. dealers ...	0.9	-1.1	-3.4	-4.4	-1.5	-2.8
442	Furniture & home furn. stores	1.4	4.6	-0.6	1.9	1.9	2.8
443	Electronics & appliance stores	0.4	-9.1	-1.6	-5.0	3.2	-6.2
444	Building material & garden eq. & supplies dealers	-0.9	6.4	-0.2	5.6	-0.9	4.4
445	Food & beverage stores	0.4	7.1	1.0	7.6	1.4	7.4
4451	Grocery stores	0.6	8.3	1.1	8.6	1.7	8.4
446	Health & personal care stores	-0.1	-0.6	-0.8	3.7	0.3	1.7
447	Gasoline stations	3.6	49.1	5.6	45.9	13.0	44.7
448	Clothing & clothing accessories stores	-0.4	-0.2	-1.1	4.3	1.3	4.2
451	Sporting goods, hobby, musical instrument, & book stores	0.8	2.7	0.4	0.1	2.1	-0.2
452	General merchandise stores	-0.2	1.5	0.2	2.6	-0.5	1.1
4521	Department stores	-2.6	-2.9	0.9	0.8	0.0	-0.1
453	Miscellaneous store retailers	1.4	15.1	-2.3	24.2	4.6	19.4
454	Nonstore retailers	2.2	9.6	-1.0	7.0	0.8	8.6
722	Food services & drinking places	1.0	13.4	0.9	17.6	7.3	17.2

(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 15, 2022. 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. 2022

(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	0.2	0.2
	Total (excl. motor vehicle & parts)	0.9	0.2	0.2	0.4	0.2	0.2
	Total (excl. gasoline stations)	0.9	0.3	0.2	0.5	0.1	0.3
	Total (excl. motor vehicle & parts & gasoline stations)	1.0	0.3	0.2	0.4	0.1	0.3
	Retail, total	0.7	0.2	0.2	0.4	0.2	0.3
441	Motor vehicle & parts dealers	1.5	0.8	0.4	1.2	0.2	0.5
4411, 4412	Auto & other motor veh. dealers	1.6	0.9	0.4	1.3	0.2	0.5
442	Furniture & home furn. stores	2.9	0.9	0.7	1.6	0.1	0.9
443	Electronics & appliance stores	2.0	0.6	0.4	0.9	-0.5	0.8
444	Building material & garden eq. & supplies dealers	2.4	0.7	0.6	1.2	0.0	0.3
445	Food & beverage stores	0.6	0.2	0.2	0.5	0.0	0.2
4451	Grocery stores	0.7	0.1	0.2	0.5	0.1	0.2
446	Health & personal care stores	3.7	0.5	0.3	1.4	0.3	0.8
447	Gasoline stations	1.2	0.3	0.3	0.9	0.8	0.9
448	Clothing & clothing accessories stores	2.2	0.8	0.7	1.8	0.1	0.4
451	Sporting goods, hobby, musical instrument, & book stores	2.6	0.7	0.9	1.5	-0.1	0.8
452	General merchandise stores	1.1	0.1	0.1	0.2	0.0	0.2
4521	Department stores	0.0	0.0	0.0	0.0	0.1	0.2
453	Miscellaneous store retailers	4.9	2.4	1.5	4.6	-0.7	1.3
454	Nonstore retailers	1.5	0.5	0.3	0.7	0.3	1.4
722	Food services & drinking places	3.8	1.0	0.8	2.2	0.5	0.3

(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 15, 2022. 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>.