# **U.S. Census Bureau News**

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### ADVANCE MONTHLY SALES FOR RETAIL AND FOOD SERVICES JANUARY 2014

**Intention to Revise Retail Estimates:** Monthly retail sales estimates will be revised based on the results of the 2012 Annual Retail Trade Survey. Revised not adjusted estimates and corresponding adjusted estimates are scheduled for release on April 30, 2014 at 10:00 a.m. EDT.

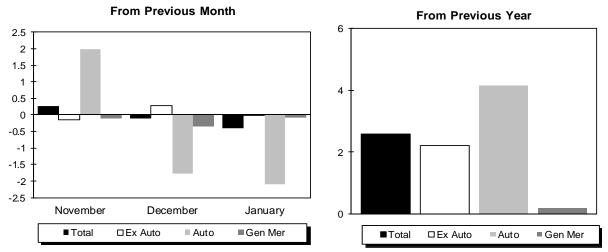
The U.S. Census Bureau announced today that advance estimates of U.S. retail and food services sales for January, adjusted for seasonal variation and holiday and trading-day differences, but not for price changes, were \$427.8 billion, a decrease of 0.4 percent ( $\pm 0.5\%$ )\* from the previous month, but 2.6 percent ( $\pm 0.9\%$ ) above January 2013. Total sales for the November 2013 through January 2014 period were up 3.4 percent ( $\pm 0.5\%$ ) from the same period a year ago. The November to December 2013 percent change was revised from +0.2 percent ( $\pm 0.5\%$ )\* to -0.1 percent ( $\pm 0.3\%$ )\*.

Retail trade sales were down 0.4 percent ( $\pm 0.5\%$ )\* from December 2013, but 2.6 percent ( $\pm 1.1\%$ ) above last year. Nonstore retailers were up 6.5 percent ( $\pm 2.3\%$ ) from January 2013 and auto and other motor vehicle dealers were up 4.1 percent ( $\pm 3.2\%$ ) from last year.

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 5,000 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. Responding firms account for approximately 65% of the MARTS dollar volume estimate. For an explanation of the measures of sampling variability included in this report, please see the Reliability of Estimates section on the last page of this publication.

#### Percent Change in Retail and Food Services Sales

(Estimates adjusted for seasonal variation and holiday and trading-day differences, but not for price changes)



The Advance Monthly Sales for Retail and Food Services for February is scheduled to be released March 13, 2014 at 8:30 a.m. EDT.

For customized retail time series estimates by industry, visit the Census Bureau's web site at <www.census.gov/timeseries>.

To receive the latest updates on the nation's key economic indicators, download the America's Economy app for Apple and Android smartphones and tablets.

Economic Indicator Webinar Series: To learn more about this release and the other indicators the U.S. Census Bureau publishes, join us for the Economic Indicator Webinar Series. For more information go to <u>www.census.gov/econ/webinar</u>.

For additional survey information, visit <www.census.gov/retail>.

\* The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different than zero.

## 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.)

	Kind of Business	Not Adjusted						Adjusted <sup>2</sup>					
NAICS <sup>1</sup> code		1 Month Total		2014				2012	2014 2013			2012	
			% Chg.	Jan. <sup>3</sup>	Dec.	Nov.	Jan.	Dec.	Jan. <sup>3</sup>	Dec.	Nov.	Jan.	Dec
		2014	2013	(a)	(p)	(r)	Uan	000	(a)	(p)	(r)	(r)	2012 Dec. (r) 414,558 337,718 369,068 102,669 76,840 70,013 (NA) (NA) 8,337 (NA) (NA) 8,493 6,321 2,172 25,277 21,364 53,241 47,518 3,799 23,284 19,415 45,054 20,514 (S) 3,503 (NA) 2,425 7,387 54,673 14,921 (NA) 39,752 34,534 53,547 28,145 45,490
	Retail & food services,												
	total	392,332	3.0	392,332	485,885	431,893	380,949	468,589	427,829	429,589	430,104	417,112	414,558
	Total (excl. motor vehicle & parts)	320,670	2.8	320,670	406,859	355,795	311,912	394,759	347,740	347,784	346,819	340,206	337,718
	Retail GAFO <sup>3</sup>	348,726 (*)	3.0 (*)	348,726 (*)	438,845 146,526	386,157 115,246	338,689 88,527	422,781 146,593	381,142 (*)	382,643 103,423	382,807 104,373	371,475 103,568	
441	Motor vehicle & parts dealers	71,662	3.8	71,662	79,026	76,098	69,037	73,830	80,089	81,805	83,285	76,906	76,840
4411, 4412	Auto & other motor veh. dealers .	65,135	3.8	65,135	72,352	69,222	62,777	67,563	72,940	74,667	76,152	70,064	
44111	New car dealers	(*)	(*)	(*)	62,802	58,579	52,652	58,184	(NA)	(NA)	(NA)	(NA)	(NA)
4413	Auto parts, acc. & tire stores	(*)	(*)	(*)	6,674	6,876	6,260	6,267	(NA)	(NA)	(NA)	(NA)	(NA)
442	Furniture & home furn. stores	7,575	-2.1	7,575	9,762	9,392	7,734	9,713	8,315	8,365	8,624	8,518	8,337
4421	Furniture stores	(*)	(*)	(*)	4,322	4,695	4,028	4,448	(NA)	(NA)	(NA)	(NA)	· · ·
4422	Home furnishings stores	(*)	(*)	(*)	5,440	4,697	3,706	5,265	(NA)	(NA)	(NA)	(NA)	(NA)
443	Electronics & appliance stores		-4.9	7,476	12,406	10,322	7,862	13,058	8,131	8,099	8,470	8,532	
44311, 13	Appl., T.V. & camera	( )	(*)	(*)	8,896	7,514	5,753	9,564	(*)	5,974	6,293	6,371	
44312	Computer & software stores	(*)	(*)	(*)	(S)	(S)	2,109	3,494	(*)	(S)	(S)	2,161	2,172
444	Building material & garden eq. &	00.070		00.070	00.470	04.070		00.054	00.054			05 400	05 077
4444	supplies dealers	20,679	3.3	20,679	23,173	24,678	20,028	22,054	26,354	26,002 21,952	26,011	25,420	
4441	Building mat. & sup. dealers	(*)	(*)	(*)	19,471	21,251	17,457	18,501	(*)	,	22,067	21,446	
<b>445</b> 4451	Food & beverage stores Grocery stores	54,885	5.1 4.8	54,885	58,772	55,342 49,060	52,218 47,441	57,467 49,656	55,617	55,502	54,554	53,303	
4451	Beer, wine & liquor stores	49,696 (*)	4.0 (*)	49,696 (*)	50,402 5,427	49,080	3,171	49,656 5,117	49,498 (*)	49,317 4,087	48,478 4,027	47,584 3,793	
446	Health & personal care stores	24,441	3.1	24,441	26,977	23,600	23,708	25,543	24,151	24,304	24,205	23,473	-
<b>446</b> 11	Pharmacies & drug stores	(*)	(*)	(*)	20,977	19,686	20,102	20,949	(*)	24,304	24,203	19,631	
447	Gasoline stations	42,115	1.4	42,115	42,497	42,162	41,537	42,351	45,777	45,258	44,569	45,346	-
448	Clothing & clothing accessories												
	stores	15,694	1.4	15,694	32,844	23,119	15,482	32,205	20,985	21,179	21,034	20,742	20,514
44811	Men's clothing stores	(*)	(*)	(*)	1,008	744	595	1,104	(*)	(S)	(S)	(S)	(S)
44812	Women's clothing stores	(*)	(*)	(*)	4,704	3,775	2,694	4,785	(*)	3,451	3,432	3,616	
44814	Family clothing stores	(*)	(*)	(*)	12,762	9,821	5,835	12,356	(NA)	(NA)	(NA)	(NA)	(NA)
4482	Shoe stores	(*)	(*)	(*)	3,378	2,532	1,765	3,254	(*)	2,557	2,482	2,421	2,425
451	Sporting goods, hobby, book &												
	music stores	7,072	-1.5	7,072	12,550	8,323	7,183	11,938	7,556	7,666	7,735	7,715	7,387
452	General merchandise stores	48,066	1.4	48,066	74,863	60,774	47,382	75,410	54,974	55,022	55,221	54,878	54,673
4521	Department stores (ex. L.D.)	-	-3.9	11,232	24,638	17,474	11,685	25,484	14,197	14,411	14,526	15,058	14,921
4521	Department stores (incl. L.D.) <sup>4</sup>		(*)	(*)	26,144	18,186	11,929	25,855	(*)	(NA)	(NA)	(NA)	· · ·
4529	Other general merch. stores	(*)	(*)	(*)	50,225	43,300	35,697	49,926	(*)	40,611	40,695	39,820	39,752
45291	Warehouse clubs & supercenters	(*)	(*)	(*)	43,407	37,730	31,319	42,960	(*)	35,492	35,494	34,645	31 521
45299	All oth. gen. merch. stores	(*) (*)	(*) (*)	(*)	43,407 6,818	5,570	4,378	42,960 6,966	(*) (*)	5,119 5,119	5,201	5,175	
453	Miscellaneous store retailers	9,117	1.1	9,117	11,869	10,512	9,014	11,666	10,504	10,535	10,708	10,311	
454	Nonstore retailers	39,944	6.5	39,944	54,106	41,835	37,504	47,546	38,689	38,906	38,391	36,331	
4541	Elect. shopping & m/o houses	(*)	(*)	(*)	44,095	33,342	28,118	39,206	(*)	30,368	29,984	28,751	
722	Food services & drinking places	43,606	3.2	43,606	47,040	45,736	42,260	45,808	46,687	46,946	47,297	45,637	
	estimates are not available for this kind of husi			40,000	11,040	10,700	12,200	10,000	10,007		47,237		10,700

(\*) 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 http://www.census.gov/eos/www/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) 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, book, and music (451), general merchandise (452), office supply, stationery, and gift stores (4532).

(4) Estimates include data for leased departments operated within department stores. Data for this line are not included in broader kind-of-business totals.

Note: 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 http://www.census.gov/retail

#### 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.)

		Percent Change <sup>1</sup>								
NAICS code	Kind of Business	Jan. 2014 fro	Advance m		Preliminary m	Nov. 2013 through Jan. 2014 from				
		Dec. 2013 (p)	Jan. 2013 (r)	Nov. 2013 (r)	Dec. 2012 (r)	Aug. 2013 through Oct. 2013	Nov. 2012 through Jan. 2013			
	Retail & food services,									
	total	-0.4	2.6	-0.1	3.6	0.4	3.4			
	Total (excl. motor vehicle & parts)	0.0	2.2	0.3	3.0	0.4	2.6			
	Retail	-0.4	2.6	0.0	3.7	0.3	3.4			
441	Motor vehicle & parts dealers	-2.1	4.1	-1.8	6.5	0.4	7.0			
4411, 4412	Auto & other motor veh. dealers	-2.3	4.1	-2.0	6.6	0.0	7.3			
442	Furniture & home furn. stores	-0.6	-2.4	-3.0	0.3	-2.4	1.3			
443	Electronics & appliance stores	0.4	-4.7	-4.4	-4.6	-4.8	-3.0			
444	Building material & garden eq. & supplies dealers	1.4	3.7	0.0	2.9	0.0	3.4			
445	Food & beverage stores	0.2	4.3	1.7	4.2	1.3	3.7			
4451	Grocery stores	0.4	4.0	1.7	3.8	1.2	3.2			
446	Health & personal care stores	-0.6	2.9	0.4	4.4	0.4	4.0			
447	Gasoline stations	1.1	1.0	1.5	0.5	-0.4	-0.9			
448	Clothing & clothing accessories stores	-0.9	1.2	0.7	3.2	0.3	2.5			
451	Sporting goods, hobby, book & music stores	-1.4	-2.1	-0.9	3.8	0.7	2.7			
<b>452</b> 4521	General merchandise stores Department stores (ex. L.D.)	-0.1 -1.5	0.2 -5.7	-0.4 -0.8	0.6 -3.4	-0.2 -0.6	0.6 -4.0			
453	Miscellaneous store retailers	-0.3	1.9	-1.6	1.1	-0.9	2.4			
454	Nonstore retailers	-0.6	6.5	1.3	9.4	2.2	7.4			
722	Food services & drinking places	-0.6	2.3	-0.7	3.2	1.7	3.6			

(p) Preliminary estimate (r) Revised estimate

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

Note: 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 http://www.census.gov/retail.

#### Source: U.S. Census Bureau

#### **Survey Description**

The U.S. Census Bureau conducts the Advance Monthly Retail Trade and Food Services Survey (MARTS) 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 5,000 employer firms selected from the larger Monthly Retail Trade Survey (MRTS). Firms responding to MARTS account for approximately 65% of the total national sales estimate. Advance sales estimates are computed using a link relative estimator. The change in sales from the previous month is estimated using only units that have reported data for both the current and previous month. There is no imputation or adjustment for nonrespondents in MARTS. The total sales estimate is derived by multiplying this ratio by the preliminary sales estimate for the previous month (derived from the larger MRTS sample). Detailed industry estimates are summed to derive total estimates at broad industry levels. The monthly estimates are adjusted using annual survey estimates and for seasonal variation and holiday and trading-day differences. Additional information on MARTS and MRTS can be found on the Census Bureau website at: http://www.census.gov/retail. U.S. Department of Commerce U.S. Census Bureau Washington, D.C. 20233

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#### **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 standard error is 0.9 percent, then the margin of sampling error is  $\pm 1.753 \times 0.9$  percent or  $\pm 1.6$  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.

#### Table 3. Estimated Measures of Sampling Variability and Revision to Advance Estimates Jan. 2014

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

	e Kind of Business	Median	Media	an standard error Percent change	Revision for month- to-month change <sup>(2)</sup>		
NAICS Code		CV <sup>(1)</sup> for Current Mo. (%)	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	0.5	0.3	0.2	0.5	0.0	0.1
	Total (excl. motor vehicle & parts)	0.5	0.2	0.2	0.5	0.0	0.1
	Retail	0.5	0.3	0.2	0.6	0.0	0.2
41	Motor vehicle & parts dealers	1.7	1.2	0.5	1.7	0.1	0.3
411, 4412	Auto & other motor veh. dealers .	1.7	1.3	0.5	1.8	0.1	0.4
42	Furniture & home furn. stores	2.4	1.2	0.8	2.8	-0.2	0.4
43	Electronics & appliance stores	2.5	0.5	0.5	1.2	-0.3	0.3
44	Building material & garden eq. &						
	supplies dealers	1.9	1.0	0.7	5.6	0.2	0.5
45	Food & beverage stores	2.2	0.3	0.3	0.5	-0.1	0.2
451	Grocery stores	2.4	0.2	0.3	0.5	-0.1	0.2
46	Health & personal care stores	2.0	0.4	0.4	1.0	0.2	0.3
47	Gasoline stations	1.8	0.5	0.4	0.9	0.0	0.3
48	Clothing & clothing accessories						
	stores	2.4	0.4	0.6	1.3	0.1	0.5
51	Sporting goods, hobby, book &						
	music stores	1.6	0.7	1.0	1.3	0.1	0.5
52	General merchandise stores	0.6	0.0	0.1	0.1	-0.1	0.2
521	Department stores (ex. L.D.)	0.0	0.0	0.0	0.0	-0.1	0.2
53	Miscellaneous store retailers	3.0	1.6	1.2	3.4	0.6	1.3
54	Nonstore retailers	1.5	0.6	0.8	1.3	0.0	0.3
722	Food services & drinking places	2.1	0.9	1.0	1.4	0.0	0.4

(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.

Note: Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at http://www.census.gov/retail