

BofA on USA

Weekly spending update through Dec 30

Key takeaways

- Total card spending per HH was up 1.0% y/y in the week ending Dec 30, according to BAC aggregated credit and debit card data.
- Spending on holiday items fell 1.3% y/y in the week ending Dec 30. See footnote to Exhibit 2 for a holiday items definition.
- However, in the five weeks since Thanksgiving, spending on holiday items was up 0.3% compared to the same period last year.

Exhibit 1: Spending per household (HH), based on BAC aggregated credit and debit card data (year-over-year (y/y) %change of the 7-day moving average (ma) of spending levels)

Retail ex-auto spending was up 0.7% y/y and total card spending was up 1.0% y/y in the week ending Dec 30



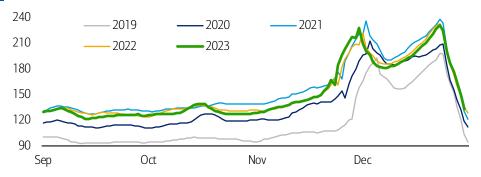
May-22 Jul-22 Sep-22 Nov-22 Jan-23 Mar-23 May-23 Jul-23 Sep-23 Nov-23

Source: BAC internal data

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Exhibit 2: Spending per HH on holiday items, based on BAC aggregated credit and debit card data (7-day moving ma, index, average of last four weeks of Aug 2019 = 100)

Spending on holiday items was down 1.3% y/y in the week ending Dec 30



Source: BAC internal data. Holiday items include all MCC codes for which spending in Nov-Dec is at least 20% of total annual spending in the category.

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(Spending heat map on next page)

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Refer to important disclosures on page 5 to 6.

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Exhibit 3: Aggregated daily card spending growth per HH by major category, Dec 17-Dec 30 (1-year and 4-year %change of the 7-day ma of spending levels)

Total card spending per HH was up 1.0% y/y in the week ending Dec 30. The 4-year growth rate was 24.3% in the week ending Dec 30

	12/30	12/29	12/28	12/27	12/26	12/25	12/24	12/23	12/22	12/21	12/20	12/19	12/18	12/17
Total card spending														
1-yr % change	1.0%	3.5%	3.5%	3.0%	2.2%	1.0%	2.8%	1.2%	0.1%	-0.1%	0.2%	0.3%	0.2%	-0.1%
4-yr % change	24.3%	22.3%	20.7%	17.8%	16.3%	16.4%	16.3%	17.2%	18.9%	18.0%	16.8%	16.4%	16.2%	16.7%
Retail ex auto														
1-yr % change	0.7%	2.8%	3.6%	2.7%	2.0%	1.6%	0.7%	-0.6%	-1.3%	-1.8%	-1.3%	-1.1%	-1.1%	-1.5%
4-yr % change	21.5%	18.7%	18.1%	14.8%	13.3%	13.1%	13.0%	16.5%	18.8%	16.7%	15.2%	14.9%	14.8%	15.4%
Airlines														
1-yr % change	1.1%	-1.0%	-1.8%	-2.7%	-1.4%	-0.1%	2.7%	4.3%	4.3%	3.4%	2.6%	2.2%	2.5%	1.3%
4-yr % change	12.7%	12.6%	12.2%	11.9%	11.6%	11.8%	11.5%	9.5%	7.7%	6.6%	6.4%	7.0%	7.0%	5.3%
Lodging	1.00/	1.50/	1.00/	2 40/	2.20/	E 20/	7.20/	4.50/	6 50/	E 60/	E 00/	4.00/	E 20/	E 00/
1-yr % change	-1.9%	-1.5%	-1.8%	-2.4%	-3.2%	-5.3%	-7.3%	-4.6%	-6.5%	-5.6%	-5.0%	-4.8%	-5.3%	-5.9%
4-yr % change	7.7%	7.7%	7.4%	7.5%	8.3%	7.4%	9.0%	12.9%	10.4%	8.0%	7.1%	4.0%	2.8%	3.1%
Entertainment	4.20/	C 40/	0.00/	0.00/	F 00/	F C0/	1 40/	4 50/	7 70/	0.40/	7 40/	C 20/	4.00/	2 50/
1-yr % change	4.2%	6.4%	8.0%	8.0%	5.9%	5.6%	1.4%	-4.5%	-7.7%	-8.4%	-7.4%	-6.3%	-4.8%	-3.5%
4-yr % change	-4.5%	-5.5%	-6.6%	-8.8%	-10.6%	-9.5%	-7.5%	-4.2%	2.7%	4.3%	4.6%	5.1%	5.4%	3.9%
Restaurants & bars	6.1%	8.6%	10.0%	10.6%	11.5%	11.4%	5.2%	2.5%	2.2%	2.6%	2.9%	2.7%	2.7%	2.1%
1-yr % change 4-yr % change	26.8%					19.9%	19.8%	25.6%	30.5%	29.1%	26.2%	2.7%	2.7%	
4-yr % cnange Transit	20.0%	25.0%	24.4%	22.8%	21.3%	13.5%	19.0%	23.0%	30.3%	25.1%	20.2%	24.9%	24.4%	24.4%
1-yr % change	3.7%	5.5%	6.0%	5.8%	0.7%	1.5%	4.6%	3.8%	3.2%	3.8%	4.6%	5.9%	7.4%	6.6%
4-yr % change	10.4%	9.7%	9.0%	5.3%	2.4%	2.9%	4.0%	3.8%	3.2% 4.2%	3.8% 4.8%	5.3%	5.6%	8.7%	7.5%
Gas	10.770	J.1 /U	J.U /U	J.J /0	Z. T /U	2.5 /0	7.7 /0	5.0 /0	7.2 /0	7.0 /0	J.J /0	J.0 /0	0.7 /0	7.570
1-yr % change	-0.8%	1.4%	1.1%	0.4%	0.0%	-1.1%	-0.3%	-2.6%	-4.8%	-4.3%	-3.6%	-3.3%	-3.0%	-2.5%
4-yr % change	18.3%	17.9%	18.6%	17.8%	15.7%	14.1%	13.1%	13.2%	13.1%	12.2%	12.0%	12.1%	12.5%	13.2%
Clothing	10.5 /0	17.5/0	10.0 /0	17.070	13.7 /0	17.170	13.170	13.2 /0	13.170	12.2 /0	12.0 /0	12.1 /0	12.5 /0	13.2/
1-yr % change	-5.6%	-2.8%	0.1%	-0.8%	-2.1%	-1.7%	-2.9%	-5.1%	-4.7%	-6.2%	-5.9%	-5.6%	-5.8%	-6.2%
4-yr % change	7.8%	5.4%	4.2%	-1.9%	-3.2%	-1.9%	-2.3%	0.6%	3.8%	1.8%	0.4%	0.5%	0.0%	0.6%
Furniture	7.070	5. 170	1.2 /0	1.5 /0	5.2 70	1.5 70	2.5 /0	0.070	3.070	1.0 70	0.170	0.5 /0	0.0 70	0.0 /0
1-yr % change	-9.6%	-9.4%	-9.6%	-10.4%	-12.5%	-12.4%	-9.7%	-13.3%	-13.0%	-13.0%	-13.0%	-12.7%	-13.9%	-14.49
4-yr % change	0.6%	-6.2%	-10.0%	-14.2%	-16.6%	-16.0%	-15.5%	-14.7%	-10.6%	-10.5%	-11.4%	-11.1%	-10.9%	-11.19
Department store														
1-yr % change	-9.3%	-6.0%	-2.1%	-2.9%	-4.2%	-4.3%	-5.5%	-6.8%	-6.4%	-8.3%	-8.3%	-7.8%	-7.8%	-8.1%
4-yr % change	-17.8%	-14.3%	-11.9%	-15.5%	-15.6%	-14.0%	-13.7%	-11.4%	-9.9%	-12.6%	-14.1%	-15.4%	-17.1%	-18.49
Home improvement														
1-yr % change	-9.9%	-5.5%	-6.3%	-6.7%	-8.6%	-11.4%	-1.0%	-5.8%	-7.7%	-7.4%	-6.6%	-5.2%	-5.4%	-5.1%
4-yr % change	26.4%	27.5%	26.3%	24.6%	23.3%	28.0%	26.0%	18.5%	19.4%	19.4%	17.8%	17.4%	16.5%	16.8%
Online electronics (card not present)														
1-yr % change	-8.2%	-8.3%	-10.1%	-14.6%	-16.9%	-20.1%	-18.7%	-20.0%	-20.9%	-20.9%	-18.4%	-17.0%	-14.7%	-14.29
4-yr % change	17.0%	15.3%	13.9%	11.8%	10.9%	9.8%	8.2%	4.7%	2.7%	1.4%	0.2%	-1.7%	-3.4%	-4.5%
Grocery														
1-yr % change	3.7%	5.9%	5.5%	3.6%	2.7%	2.2%	0.3%	0.3%	-0.7%	-1.0%	0.3%	1.0%	1.0%	0.2%
4-yr % change	16.2%	13.7%	14.5%	12.0%	10.9%	10.6%	11.2%	17.1%	19.1%	14.3%	12.7%	12.1%	11.7%	12.5%
General Merchandise														
1-yr % change	2.9%	3.9%	5.5%	4.0%	2.3%	2.1%	1.0%	0.1%	0.0%	-1.7%	-1.6%	-1.5%	-1.7%	-2.7%
4-yr % change	33.6%	28.9%	27.5%	21.5%	19.5%	19.4%	19.6%	24.1%	27.1%	24.0%	21.8%	20.6%	19.9%	20.0%
Total B&M retail														
1-yr % change	0.2%	2.5%	3.5%	2.5%	1.8%	1.6%	0.2%	-2.0%	-2.3%	-2.8%	-2.2%	-1.8%	-1.6%	-2.2%
4-yr % change	10.8%	8.7%	9.1%	6.0%	4.7%	4.4%	4.4%	8.4%	11.4%	8.4%	6.4%	5.8%	5.5%	5.9%
Total online retail (card not present)														
1-yr % change	1.6%	3.1%	3.0%	2.5%	1.8%	0.4%	3.4%	3.5%	1.4%	0.9%	0.9%	0.6%	0.3%	0.1%
4-yr % change	74.7%	71.2%	66.5%	63.7%	61.0%	58.3%	55.6%	50.0%	47.1%	46.8%	46.6%	46.2%	45.8%	46.39
Total card debit														
1-yr % change	1.7%	3.8%	3.7%	3.4%	2.6%	1.8%	2.6%	1.4%	0.8%	0.5%	0.7%	1.0%	0.9%	0.5%
4-yr % change	28.0%	25.9%	23.9%	20.5%	18.7%	18.6%	18.7%	21.1%	22.7%	21.3%	19.9%	19.2%	19.1%	19.5%
Total card credit														
1-yr % change	0.1%	3.1%	3.2%	2.5%	1.5%	-0.1%	2.9%	1.0%	-0.9%	-0.9%	-0.6%	-0.5%	-0.6%	-0.9%
4-yr % change	19.7%	17.6%	16.4%	14.1%	13.2%	13.5%	13.1%	12.5%	14.3%	13.9%	13.1%	13.0%	12.8%	13.3%

Source: BAC internal data. Note: The 1-yr % change shows the change between the current date at the head of the table column and its comparable date a year ago and the 4-yr % change shows the percentage change with the comparable date four years ago. Total card spending includes total BAC card activity, which captures retail sales and services that are paid with cards. Does not include ACH payments. B&M (Brick & Mortar) retail means retail purchases at the store. Card not present is largely online but could include purchases made over the phone.

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Exhibit 4: Aggregated daily card spending growth per HH by major category, Dec 3-Dec 16 (1-year and 4-year %change of the 7-day ma of spending levels) Total card spending per HH was up 0.2% y/y in the week ending Dec 16. The 4-year growth rate was 16.8% in the week ending Dec 16

	12/16	12/15	12/14	12/13	12/12	12/11	12/10	12/9	12/8	12/7	12/6	12/5	12/4	12/3
Total card spending	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-yr % change	0.2%	0.3%	0.4%	0.6%	0.6%	0.6%	0.9%	1.3%	1.1%	1.3%	1.2%	0.5%	0.5%	1.5%
4-yr % change	16.8%	17.3%	17.1%	18.2%	18.7%	18.9%	18.8%	17.1%	15.0%	17.0%	17.8%	16.6%	24.1%	24.1%
Retail ex auto														
1-yr % change	-1.2%	-1.0%	-1.0%	-0.8%	-0.8%	-0.9%	-1.2%	-0.5%	-0.8%	-0.8%	-0.9%	-1.4%	-1.6%	0.0%
4-yr % change	15.6%	16.3%	16.2%	17.1%	17.2%	16.8%	16.1%	14.8%	12.6%	12.5%	12.4%	7.9%	13.5%	12.9%
Airlines														
1-yr % change	1.3%	1.2%	0.5%	0.7%	1.1%	0.5%	1.0%	2.5%	2.8%	2.0%	1.0%	1.1%	2.5%	5.7%
4-yr % change	4.1%	3.0%	2.2%	3.0%	4.6%	4.3%	3.6%	0.3%	-5.7%	-5.7%	-4.3%	-1.7%	9.7%	19.0%
Lodging														
1-yr % change	-5.3%	-5.4%	-6.0%	-5.8%	-6.2%	-6.1%	-5.5%	-4.7%	-4.6%	-4.4%	-4.3%	-4.4%	-5.1%	-6.4%
4-yr % change	3.6%	3.4%	3.2%	3.7%	4.1%	4.4%	5.4%	5.3%	2.7%	-1.1%	-4.9%	-4.0%	-1.8%	-1.9%
Entertainment														
1-vr % change	-0.1%	3.6%	5.1%	5.0%	5.6%	4.8%	4.5%	6.0%	7.5%	7.0%	7.2%	6.9%	5.6%	5.8%
4-yr % change	5.0%	4.1%	6.1%	8.6%	11.7%	13.8%	16.2%	14.7%	12.1%	11.1%	7.2%	0.2%	-0.6%	-3.4%
Restaurants & bars	0.0 / .	,.			, .	,.	, .	,=	,.	, .	,.			
1-yr % change	1.8%	2.2%	2.1%	2.0%	2.0%	1.8%	1.4%	2.1%	2.1%	2.3%	2.6%	2.5%	2.6%	4.2%
4-yr % change	24.6%	25.5%	25.6%	25.5%	25.7%	26.2%	27.0%	27.8%	28.4%	30.6%	33.8%	37.1%	42.0%	35.2%
Transit	,0								,				,0,,3	
1-yr % change	9.1%	6.9%	6.1%	5.4%	5.6%	3.6%	3.1%	1.2%	2.6%	4.0%	4.2%	3.3%	1.8%	1.6%
4-yr % change	9.8%	8.8%	7.6%	7.7%	8.4%	6.3%	5.8%	3.7%	3.5%	4.4%	6.8%	10.0%	10.9%	11.6%
Gas	3.0 %	0.070	7.070	7.7 70	0.170	0.5 70	3.0 70	3.7 70	3.3 70	1. 1 70	0.0 70	10.0 /0	10.5 /0	11.070
1-yr % change	-2.1%	-2.0%	-1.9%	-1.6%	-1.7%	-1.9%	-2.2%	-1.8%	-2.9%	-3.7%	-4.0%	-4.4%	-4.8%	-5.3%
4-yr % change	13.1%	13.7%	14.2%	15.2%	16.1%	16.9%	17.9%	18.3%	17.4%	16.1%	16.4%	19.8%	25.0%	22.5%
Clothing	13.170	13.770	1 112 70	13.2 70	10.170	10.5 70	17.15 70	10.5 70	171170	10.170	10.170	13.070	25.0 70	22.5 /6
1-yr % change	-6.0%	-5.9%	-5.9%	-5.8%	-5.5%	-5.3%	-5.0%	-3.7%	-5.2%	-5.9%	-5.9%	-7.6%	-8.4%	-6.2%
4-yr % change	0.8%	1.3%	2.2%	5.2%	5.0%	3.7%	1.6%	-1.6%	-7.9%	-9.6%	-12.3%	-24.5%	-19.1%	-13.4%
Furniture	0.070	1.5 70	2.2 /0	5.2 70	3.0 70	3.7 70	1.070	1.070	7.570	3.0 70	12.5 /0	2 1.5 /0	13.170	13.170
1-yr % change	-13.9%	-13.8%	-14.1%	-14.1%	-14.2%	-13.7%	-13.7%	-13.8%	-14.1%	-14 0%	-14.0%	-15.7%	-15.8%	-13.7%
4-yr % change	-10.4%	-9.6%	-9.1%	-7.9%	-7.2%	-7.6%	-6.7%	-8.6%					-13.8%	
Department store	10.170	3.070	5.170	7.5 70	7.2 /0	7.070	0.7 70	0.070	12.5 /0	1 1.1 70	13.7 70	2 1.0 /0	15.070	0. 170
1-yr % change	-7.7%	-8.7%	-9.8%	-10.0%	-10.1%	-10.2%	-9.3%	-8.1%	-9.9%	-11.3%	-11.5%	-11.9%	-11.6%	-9.5%
4-yr % change	-20.3%	-23.0%	-23.5%	-22.5%	-23.0%	-24.4%	-25.9%	-29.2%	-32.8%	-34.2%	-36.1%	-46.6%	-45.5%	-42.3%
Home improvement	20.5 /6	23.0 70	23.3 70	22.5 70	23.0 70	2 , 0	23.3 70	23.2 /0	32.0 70	3 /0	30.170	10.0 70	15.5 76	12.5 70
1-vr % change	-4.9%	-4.7%	-3.8%	-3.3%	-3.2%	-3.2%	-4.3%	-3.6%	-3.8%	-4.7%	-4.2%	-4.8%	-5.7%	-3.5%
4-yr % change	14.9%	15.2%	14.6%	13.9%	13.8%	12.8%	13.4%	14.5%	14.4%	13.0%	14.3%	13.5%	33.5%	36.1%
Online electronics (card not present)	1 1.5 70	13.2 /0	1 1.0 /0	13.5 /0	13.070	12.0 /0	13.170	1 1.5 /0	1 1. 1 70	15.070	1 1.5 /0	13.5 /0	33.370	30.170
1-yr % change	-12.6%	-12.9%	-11.1%	-10.3%	-10.7%	-11.1%	-10.3%	-9.9%	-11.3%	-12.0%	-15.0%	-16.3%	-17.1%	-12.5%
4-yr % change	-4.9%	-5.5%	-5.8%	-5.6%	-8.1%	-11.8%	-16.8%	-24.3%	-35.0%	-37.1%	-39.2%	-40.3%	-34.5%	
Grocery	1.5 70	3.5 70	5.0 70	5.0 70	0.170	11.070	10.0 /0	2 1.5 /0	33.0 70	37.170	33.2 /0	10.5 /0	3 1.3 /0	23.5 /0
1-yr % change	1.0%	1.2%	1.3%	1.7%	1.6%	1.5%	1.5%	2.4%	2.3%	2.4%	2.4%	2.3%	2.5%	4.4%
4-yr % change	12.7%	13.0%	12.5%	13.4%	13.6%	13.9%	14.2%	14.1%	13.9%	16.3%	18.8%	19.8%	20.3%	9.2%
General Merchandise	12.7 70	13.0 70	12.5 70	13.170	13.0 70	13.5 70		/0	13.3 70	10.5 70	10.070	13.0 /0	20.5 70	3.2 70
1-yr % change	-2.4%	-2.3%	-2.4%	-2.2%	-2.2%	-2.3%	-2.6%	-1.5%	-1.6%	-1.5%	-1.7%	-2.0%	-2.2%	0.3%
4-yr % change	20.0%	19.8%	18.6%	19.2%	19.6%	18.3%	16.9%	15.0%	13.0%	13.8%	13.5%	3.8%	9.2%	10.1%
Total B&M retail	20.0 70	. 3.0 /0	. 3.0 /0	. J. L /0	.5.070	. 3.3 /0	. 3.5 /0	, , ,	.5.0 /5	.5.0 /0	, , ,	0.070	5.2 /6	70
1-yr % change	-1.7%	-1.4%	-1.4%	-1.1%	-1.1%	-1.1%	-1.3%	-0.2%	-0.5%	-0.6%	-0.5%	-0.4%	-0.8%	0.5%
4-yr % change	6.0%	6.6%	6.6%	7.8%	8.4%	8.7%	9.2%	9.6%	8.9%	9.7%	10.6%	4.2%	7.7%	2.0%
Total online retail (card not present)	0.0 /0	0.0 /0	0.0 /0	7.070	0.7/0	0.7 /0	J. Z /U	J.U70	0.570	J. / /U	10.070	7.∠ /∪	7.770	2.070
1-yr % change	0.1%	0.2%	0.1%	0.2%	-0.1%	-0.2%	-0.7%	-0.9%	-1.1%	-1.0%	-1.5%	-2.9%	-2.9%	-0.5%
4-yr % change	46.9%	47.2%	47.0%	45.9%	44.2%	41.3%	36.3%	29.7%	22.8%	19.9%	17.7%	18.6%	31.0%	45.2%
Total card debit	1 0.570	77.∠/0	77.070	TJ.J /0	TT.Z /U	T1.2/0	JU.J /0	25.170	22.070	15.570	17.770	10.070	51.070	TJ.Z /0
1-yr % change	0.8%	0.9%	1.1%	1.2%	1.0%	1.1%	1.6%	2.1%	1.9%	2.2%	2.1%	1.6%	1.4%	2.1%
	19.6%	20.0%	20.1%	22.0%		24.1%	24.7%	23.5%	22.5%	26.0%	27.2%	25.2%	30.4%	27.3%
4-yr % change Total card credit	19.0%	20.0%	20.1%	22.0%	23.3%	24.1%	24.7%	25.5%	22.5%	20.0%	21.2%	23.2%	30.4%	27.3%
	O E0/	0.20/-	0.40/-	0.10/-	0.00/-	0 10/-	0 10/-	O E0/-	0.20/-	0.10/-	0.00/-	0.00/-	0.70/-	0.70/-
1-yr % change	-0.5%	-0.3%	-0.4%	-0.1%	0.0%	0.1%	0.1%	0.5%	0.2%	0.1%	0.0%	-0.9%	-0.7%	0.7%
4-yr % change	13.5%	14.1%	13.6%	13.7%	13.5%	13.1%	12.2%	10.0%	6.5%	7.0%	7.3%	7.1%	16.8%	20.4%

Source: BAC internal data. Note: The 1-yr % change shows the change between the current date at the head of the table column and its comparable date a year ago and the 4-yr % change shows the percentage change with the comparable date four years ago. Total card spending includes total BAC card activity, which captures retail sales and services that are paid with cards. Does not include ACH payments. B&M (Brick & Mortar) retail means retail purchases at the store. Card not present is largely online but could include purchases made over the phone.

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Methodology explained

Readers should be aware that although the BAC datasets utilized in our analysis represent a significant number of data points, they nevertheless present a degree of selection bias, including but not limited to income levels and geographies. In addition, the data is limited to debit and credit cards and does not include other payment methods such as cash or checks.

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BAC data used in this report include spending from active US households (HHs) only. Spending from corporate cards is excluded.

Our methodology for calculating the growth rates for daily data: we calculate the %y/y growth rate and the 4-year % change by matching calendar days (Jan 1 2023 matched to Jan 1 2022, and Jan 1, 2019, respectively). The % change is calculated based on the 7-day moving average of spending levels.



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