

Consumer & Retail

Rates ruffle Consumer

Industry Overview

Outlook remains cloudy entering earnings

Rates reached new highs (10Y touching 5%) on the back of continued strong economic data while Fed speaker commentary last week indicated a likely pause in November. Given the rate volatility and uncertainty entering the depths of earnings season, the ICE BofA IG Corp Bond Index widened +6bps w/w and returned -1.94%. Non-Cyclicals and Cyclicals were in-line on spreads but returns of -2.30% & -2.36% respectively lagged. Most notably, September retail sales beat (headline sales rose +0.7% vs consensus +0.3%) driven by autos, e-commerce, restaurants & bars and prior months were also revised higher. Looking to October, BofA card data in the week ending Oct 14th indicated that total spend per household (ex-autos) fell -1.1% y/y. New issuance totaled \$26bn with AutoZone issuing \$1bn to repay commercial paper, prefund a \$300mn maturity in April, and fund share buybacks in our view. Estimates are for light issuance this week (\$10bn ex-self-funders).

In Packaged Food (+7bps), we attended a meeting with General Mills (GIS) where the company expressed confidence in their current strategy despite an uncertain environment and reiterated interest in M&A given strength of the balance sheet (pet, snacks, away from home, baking highlighted as areas of interest). We think GIS execution is above average within the group but valuation is stretched, we remain Marketweight. The WSJ reported that WH Group is reportedly working on a potential 2024 IPO of Smithfield Foods (SFD). This could be positive for SFD spreads moving back into public markets and potentially diluting the overhang of Chinese ownership but seems like an unusual timing within the protein cycle. Elsewhere in protein, Moody's revised its outlook on JBS S.A. from Baa3/Stable to Baa3/Negative on weaker than anticipated segment results and the need for adjustments in the capital structure for JBS to achieve credit metrics consistent with a Baa3 rating. Moody's anticipates that weak market fundamentals in the US beef market and a competitive environment in the US and Brazil will weigh on earnings and the leverage trajectory. In Beverages (+6bps), the latest Nielsen data indicated that Bud Light volumes fell -30.2% in the last 4 weeks (similar to prior periods) but volume share marginally improved (declined -562bps). Additionally, AB InBev said they would extend incentive payments to wholesalers into 1Q24, extend credit through 2Q24 and implement a market share bonus recovery incentive once they begin lapping the Bud Light controversy indicating US profit headwinds into 2024. In Consumer Products (+6bps), CVS Health announced that it will pull some oral decongestant products that contain phenylephrine as the only active ingredient from its shelves. We estimate phenylephrine accounts for 2% or less of sales for Haleon and Kenvue and 1% or less of sales for Reckitt Benckiser and Procter & Gamble. P&G reported a 1Q beat with pricing and productivity offsetting China softness; FY24 guidance reaffirmed with the company now expecting to deliver towards the upper-end of the range. Bloomberg also reported they are evaluating options for the Chinese operations of its haircare brand VS Sassoon and is seeking a valuation around \$1bn. In Tobacco (+6bps), CNN reported that the FDA submitted the final rule for the ban of menthol in cigarettes and flavored cigars to the White House Office...continued on next page...

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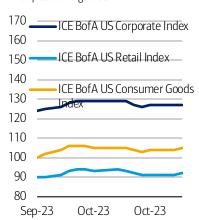
Exhibit 1: Market week ended 10/20/23 Last week's market performance

Market	Value	WoW
IG ICE BofA Index	133	+6
IG ICE BofA Index (yld)	6.40	+26
HY ICE BofA Index	463	+22
HY ICE BofA Index (yld)	9.53	+34
CDX IG 5yr	81	+4
CDX HY 5yr	526	+27
Consumer Cyclicals	97	+6
Consumer Non-Cyclicals	110	+6
5yr Treasury (yld)	4.86	+22
10yr Treasury (yld)	4.91	+30
30yr Treasury (yld)	5.08	+32
S&P 500 (index)	4,224	-2.4%

Source: ICE Data Indices, LLC, Bloomberg BofA GLOBAL RESEARCH

Exhibit 2: Consumer/Retail Spreads

1mo spreads range-bound



Source: ICE Data Indices, LLC, Bloomberg



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The move is the final step before issuing a regulation (estimated by year-end). Philip Morris International 3Q's top-line beat on strong volumes & pricing but heated tobacco units were soft. FY23's EPS guidance was nudged up slightly, in-line with consensus.

In **Retail** (+5bps), activist investor Engaged Capital has built a large stake in VF Corp and is pushing for operational changes at the company. Specifically, they are calling for cost reductions and a strategic review of the company's non-core assets and real estate. Engaged wants VFC to publicly commit to no further acquisitions and to allocate excess free cash flow and divestiture proceeds towards accelerated leverage reduction (i.e. credit positive). Lastly, Genuine Parts (GPC) reported weaker than consensus sales in 3Q. Auto comps (NAPA) rose +0.6% vs. +3.5% consensus estimate and Industrial comps increased +0.3% vs. +2.1%. GPC followed this morning with new issuance to repay private placements and borrowings under its revolver.



Exhibit 3: Notable Weekly Movers

KSS tightened the most last week

	A	ctive Cash 1	rading			Active C	DS	
lss	uer	Chg (G- spread)	lss	suer	Chg (G- spread)	Entity	5y	Chg
PVH	4.625% 7/10/2025	+21	KSS	5.550% 7/17/2045	-27	Best Buy	100	8
RKTLN	3.000% 6/26/2027	+19	KSS	4.625% 5/1/2031	-21	AutoZone	54	8
TPR	4.125% 7/15/2027	+18	JWN	5.000% 1/15/2044	-6	Tyson Foods	86	5
DRI	3.850% 5/1/2027	+18	MDLZ	2.250% 9/19/2024	-5	Target	58	4
BATSLN	12.726% 3/25/2031	+17	VFC	2.950% 4/23/2030	-3	Lowe's	57	4

Source: ICE Data Indices, LLC, Bloomberg

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Exhibit 4: Upcoming Consumer/Retail Events Calendar

2-week calendar of events, subject to change

	Oc	tober 2023		
Mon, Oct-23	Tue, Oct-24	Wed, Oct-25	Thu, Oct-26	Fri, Oct-27
	KMB 3Q23 earnings KO 3Q23 earnings	RKTLN 3Q23 earnings HEIANA 3Q23 earnings MAT 3Q23 earnings ORLY 3Q23 earnings WHR 3Q23 earnings PPC 3Q23 earnings	BNFP 3Q23 earnings BG 3Q23 earnings KVUE 3Q23 earnings KDP 3Q23 earnings TSCO 3Q23 earnings BC 3Q23 earnings HSY 3Q23 earnings HAS 3Q23 earnings MO 3Q23 earnings UNANA 3Q23 earnings WHR 3Q23 earnings	CL 3Q23 earnings
Mon, Oct-30	Tue, Oct-31	Wed, Nov-01	Thu, Nov-02	Fri, Nov-03
	SYY 1Q24 earnings	KHC 3Q23 earnings EL 1Q24 earnings MDLZ 3Q23 earnings	HLNLN 3Q23 earnings TAP 3Q23 earnings SBUX 4Q23 earnings STZ investor day	CHD 3Q23 earnings

Source: Company filings, Bloomberg

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Notable Consumer & Retail credit news

Retail

According to the WSJ, activist Engaged Capital has built a large stake in VF Corp (VFC, Baa2/BBB/--) and is pushing for operational changes including steep cost cuts, a review of VFC's noncore assets and real estate, and for board changes (they are supportive of CEO Bracken Darrell). The size of the stake is not known but Engaged Capital is expected to currently be among the top 10 shareholders. The strategic review of VFC's portfolio would include all brands and assets excluding Vans and the North Face brands which it views as core. Engaged reportedly believes VFC can eliminate unnecessary costs that can lead to over \$300mn cost savings annually which can be reinvested in the Vans brand to improve performance.

 Engaged Capital has been involved in activist campaigns with HAIN, SHAK, Rent-A-Center, QUOT



Packaged Food

We attended a CAGNY-sponsored lunch with **General Mills (GIS, Baa2/BBB/--)** in New York, NY where management expressed confidence in its existing "Accelerate" strategy, achievability of guidance (FY24 and LT) despite an uncertain environment, and flexibility offered by a restructured organization and <3x leveraged balance sheet. Growth in the core business (+2-3% LT) remains the top priority with the expectation for M&A activity or portfolio reshaping, to the extent it becomes available, to be additive by +50bps (pet, snacks, away from home, baking all called out as potential areas of interest) or to use any excess cash flow to step up share repurchases.

Operational highlights

- NA Retail (NAR): Focused on execution; brand building, continuous innovation, and improved capabilities (marketing and strategic revenue management or SRM). Restructuring allowed for better agility and faster reaction to trend changes. On shelf availability and service levels improved, but also seeing private label rebound (+10% y/y on shelf in grains/cereal for example) and noted retailers are still highlighting SNAP (food stamp) headwinds to their business.
- Indicated they are seeing market share recover QTD as they lap pricing and NAR volumes are approx. flat vs. '19 levels (elasticities remain below historical levels), GIS expects further volume normalization in calendar 2024
- On promotional intensity, frequency is +MSD% y/y but still only 90% of pre-COVID levels and that's against pricing in GIS categories that are +40% vs. pre-COVID implying there is headroom to expand activity that is still return accretive.
- **Foodservice**: Seeking growth from (1) K-12 schools in cereal & yogurt categories (advantage of reformulation in accordance with regulation changes), (2) accelerate frozen goods (leverage TNT Crust acquisition and capacity additions), (3) margin recovery to pre-COVID levels (ex-convenience), couple hundred bps over ~18mo. In restaurants (commercial foodservice), trips have declined from +2% to around flat (YTD +0.5%) and even consumers >\$100k income are tightening spend or shifting toward food at home consumption
- **Pet:** Still pressured due to spend and increased mobility leading to fewer treat occasions. Adjusting go-to-market strategy with new pack sizes and deeper push into value channel while continuing to focus on brand building + innovation (humanization of pet, using familiar packaging tactics) while leveraging the GIS toolkit (SRM, HMM savings). Capacity build out is focus on dry food vs. wet/treats not within internal network and the majority of international growth will be sourced via U.S. Reiterated that guidance does not assume a rebound in growth in FY24.
- International: Noted Brazil market is seeing the most pressure due to consumer macro. Very recently received regulatory approval to sell Blue Buffalo products across all of China and tests were very encouraging
- GLP-1 obesity drugs: Not currently affecting the business, if there is an impact it will build over time and innovation will be key to adaption (similar to other dieting trends or fears of grocery consolidation historically)

Capital allocation

Priorities: 1) organic investment in the business, including capex ~4% sales; 2)
 Dividends with the goal to increase in-line with earnings growth LT; 3) Net leverage <3x offers flexibility for portfolio reshaping and adding growth; 4) Share repurchases which are expected to play a bigger role in years absent M&A (CFO Bruce implied GIS may repurchase >2% of shares in FY24 given share price and balance sheet capacity)



- M&A: Commented on their desire to do more and it being a "good environment" where the balance of availability is higher (driven by interest rates boxing non-strategic buyers out) but also cautioned that GIS has passed on certain opportunities or been outbid because of too high valuations (i.e. won't lower their return hurdle rate). Target areas (not necessarily large scale in nature) include pet (internationally), snacking, away-from-home eating occasions, and baking.
- GLP-1 hysteria has not altered their M&A strategy or consideration targets

According to the WSJ, the Chinese parent of **Smithfield Foods (SFD, Ba1/BBB-/BBB),** WH Group (288 HK), has discussed with banks ways to improve its valuation including exploring a potential U.S. IPO of SFD as early as next year.

• During an interview with CEO Smith earlier this year, he noted relisting discussions were frequent but had no timeline and that expanding into other meat categories in the U.S. through M&A was also an option.

Consumer Products

Procter & Gamble (PG, Aa3/AA-/--) 1Q beat led by pricing upside even despite market softness in China and strong gross margins which were well ahead of expectations on declining commodity prices + productivity initiatives. Management highlighted that US promotions remain below pre-COVID levels and Europe is even seeing a sequential decline, all despite private label share expanding +80bps m/m. FY24 guidance was reaffirmed but the company now expects to deliver towards the higher-end of the guide even with an incremental FX and tax headwind.

Exhibit 5: Procter & Gamble 1Q24

PG financial summary

	1Q24	Consensus
Revenue	+6.1%	+5.2%
Organic sales	+7.0%	+6.2%
EBITDA	+15.0%	+8.7%
EBITDA margin	30.2%	28.8%
EPS	\$1.83	\$1.72
	1Q24	Q/Q
Debt	\$35,880	\$1,273
Gross leverage	1.6x	Flat
Net leverage	1.2x	Flat
Source: Company filings, Visible Alpha		
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Revenue & segment-related commentary

- +7% org. sales (vs. +6.2% Visible Alpha consensus estimate) composed of -1% volume, +7% price, mix +1%. All segments beat except beauty. Focus markets +6%, Enterprise markets +13%
- Global aggregate value share +40bps y/y with 32 of top 50 category/country combinations holding or growing share
- US org sales +7% with 3% volume growth consumer resilient and US consumption levels are stable
- Promotions continue to be below pre-COVID levels in U.S.; Promos down and decreasing in Europe
- China org sales -6% on soft & choppy underlying market growth and consumer confidence

• Continue to expect market to return to growth around ~4%: +1-2% pricing, +2% volume. +1% mix

Profit & margin-related commentary

- EBITDA margins expanded +232bps y/y vs. +95bps consensus estimate due to strong gross margin partially offset by marketing investment; gross margins expanded +461bps (vs. +200bps estimate)
- Gross margins expansion led by increased pricing (+330bps), favorable commodity costs (+160bps), gross productivity savings (+150bps) and partially offset by negative product mix (-60bps) and product reinvestments and other impacts (-60bps)
- SG&A deleveraged +220bps driven by marketing investments (+260bps), wage inflation & other impacts (+140bps), partially offset by sales leverage (-160bps) and productivity savings (-60bps)

FY24 Guidance reaffirmed, now expect to deliver towards higher-end of range

- Organic sales +4-5% vs. +5.0% est. (FX now -100-200bps headwind); (b) Core EPS +6-9% y/y or implied \$6.25-6.43 (vs \$6.36 est.); (c) tax rate ~21% (+100bps); (d) Capex ~4.5% of sales (-50bps); (e) FCF productivity ~90%; (f) Dividends >\$9bn and share repurchases \$5-6bn
- Expect 3-4% less pricing benefit over the next two quarters (vs 1Q) as lap last year so +3-4% total & volume inflection on the right path
- Expect less commodity benefit over the year + additional FX headwinds impacting gross margins (vs. 1Q's big upside)

Tobacco

Philip Morris International (PM, A2/A-/A) 3Q23 contained a mixture of tailwinds and headwinds. Top-line beat consensus expectations due to stronger volume performance (notably cigarettes better than est.), impressive ZYN trends, and sustained pricing momentum but the outlook for heated tobacco units (HTU) is a bit slower due to a delayed launch (Taiwan) and inventory volatility related to the impending HTU flavor ban in Europe. Gross margins were strong on easing comparisons and ILUMA improvement which also offset greater than expected SG&A deleverage. FY23 guidance was reshuffled again (surprising given the investor day was only 3 weeks ago) – Org. sales outlook was narrowed, volume was increased despite a weakening international backdrop, and adj EPS (ex FX) was nudged up slightly, in-line with consensus, while the FX headwind rose another -20c and operating cash flow dropped to the low-end of the range (in-line with expectations given recent issuance). PM spreads are largely unchanged.

Exhibit 6: Philip Morris International 3Q23

PM financial summary

	3Q23	Consensus
Revenue (y/y)	+13.8%	+13.4%
Volumes (cigs/HTUs)	+2.2%	+0.6%
Adj. EBITDA (y/y)	+7.3%	+15.3%
Adj. EBITDA margin	43.20%	44.80%
Adj. EPS	\$1.66	\$1.62
	3Q23	Q/Q
Debt	\$48,329	(\$178)
Adj gross leverage	3.5x	-0.1x
Adj net leverage	3.3x	-0.1x
Source: Company filings, Visible Alpha		



Revenue & segment-related commentary

- Organic revenue +9.3% driven by shipment growth +18.0% for HTUs partially offset by cigarettes declining only -0.5% against combustible pricing 9%
- Total volumes increased +2.2% y/y (vs. +0.6% VA est.), driven by heated tobacco units (HTUs) +18.0% (vs +17.8% VA est.) and cigarettes -0.5% (vs -2.3% VA est.)
- By region (cigarettes): (a) Europe -4.3% (miss); (b) SSEA, CIS & MEA +3.4% (beat); (c) EA, AU & PMI DF -4.1% (miss); (d) Americas -7.4% (miss)
- Marlboro -1.6%, primarily driven by the Philippines
- Smoke-free revenue mix = 35.6%

Profit & margin-related commentary

Adj. EBITDA margins declined -262bps, missing consensus expectations, but this may be tied to noise in the consensus figure around a prior impairment or belowthe-line items given operating margins beat by +20bps. Gross margins +52bps beat -90bps est. on lower shipping costs, ILUMA margin improvement, and lower device sales y/y. SG&A deleveraged +113bps despite cost management & timing phasing.

Capital allocation

- PM-reported leverage was 3.4x gross (-0.1x q/q) and 3.2x net leverage (-0.1x q/q)
- Reiterated expectation to de-lever to ~2.0x net leverage in FY26

FY23 Guidance

- FY23 guidance: (a) adj. organic net revenue ~+8% from prior +7.5-8.5% y/y; (b) adj. organic operating margin to decline -50 to -150bps, likely closer to -150bps (unchg'd); (c) adj. EPS now \$6.05-\$6.08 from prior \$6.13-\$6.22 or \$6.58-6.61 ex-FX from prior \$6.46-6.55 vs. \$6.61 est.; (e) FX now -\$0.53 headwind (previously \$0.33 EPS headwind); (f) OCF now ~\$10bn (was \$10-11bn) and capex ~\$1.3bn unchanged; and (g) effective tax rate ~20.5-21.5%
- Total int'l volumes (ex-China & U.S.) est. to decline -1.5% to -2.0% y/y (prior -0.5% to -1.5%) but PMI total volumes now up to +1-1.5% y/y (prior up to +1%)
- HTU volumes est. within lower half of 125-130bn units (prior was "around middle")
- Continue to expect organic operating margin expansion in 2H, ~+10%
- Surpassed target pro-forma \$2bn in gross cost savings over 2021-2023

Recent New Issuance

AutoZone (AZO, Baa1/BBB) issued a total of \$1,000mn across 500mn 5yr Notes (6.250% '28) and \$500mn 10yr Notes (6.550% '33). The use of proceeds is for general corporate purposes.



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BofA Current Recommendations

Exhibit 7: Cash & CDS ratings

BofA cash & CDS ratings

			Cash			CDS	
Name	Ticker	Overweight	Marketweight	Underweight	Buy Protection	Neutral	Sell Protection
O'Reilly Automotive	ORLY	√					
The Home Depot	HD		\checkmark			\checkmark	
Advance Auto Parts	AAP	\checkmark					
McCormick & Co	MKC	\checkmark					
Campbell Soup Co.	СРВ	\checkmark				\checkmark	
Sysco Corp.	SYY	\checkmark					
Keurig Dr. Pepper	KDP	\checkmark					
Kohl's	KSS		\checkmark		$\sqrt{}$		
Lowe's	LOW	\checkmark				\checkmark	
Tyson Foods	TSN		\checkmark			\checkmark	
Conagra Brands	CAG		\checkmark			\checkmark	
Kellogg	K		\checkmark				
Kraft Heinz	KHC	\checkmark					\checkmark
General Mills Inc.	GIS		\checkmark			\checkmark	
AutoZone	AZO		\checkmark			\checkmark	
Kroger	KR		\checkmark				\checkmark
Nordstrom	JWN		\checkmark				\checkmark
Dollar General Corp.	DG		\checkmark				
Mondelez International	MDLZ		\checkmark				\checkmark
Mondelez Int'l Holdings Netherlands	MDLZ		\checkmark				
J.M. Smucker	SJM		\checkmark				
The Coca-Cola Company	КО		\checkmark				
PepsiCo	PEP		$\sqrt{}$				
The Hershey Co.	HSY		$\sqrt{}$			√	

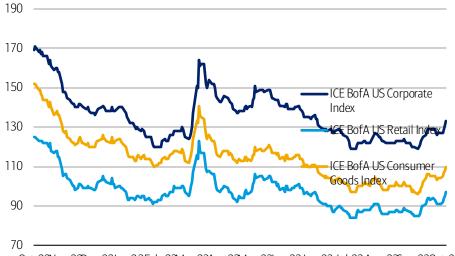
Source: BofA Global Research; Notes (*): Underweight Klong-end

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Market Snapshot

Exhibit 8: BofA HG Index vs. Consumer/Retail Sectors

Consumer/Retail 1-year spread performance tightens after rate volatility, inflation pressure



Oct-22Nov-22Dec-22Jan-23Feb-23Mar-23Apr-23May-23Jun-23 Jul-23 Aug-23Sep-23Oct-2

Source: ICE Data indices, LLC







				Spr	eads (C	DAS)							Total Re	eturns		E	cess R	eturns	
	Num of	% of								Modified	U								
_	Issues	Index		1 weel		QTD	YTD	Price	YTW	Duration		1 week MTI			12 month	1 week MTD		YTD	12 month
US Corporate Index	10,109	100.0%	133 bps	6 bps	8 bps	8 bps	-5 bps	\$85.2	6.40%	6.3	A3	-1.94% -2.18	% -2.189	% -1.74%	4.30%	-37 bps -47 bp	s -47 bp:	s 220 bps	5 516 bps
Rating Categories	_																		
AAA US Corporate Index	114	1.1%	50 bps	4 bps	3 bps	3 bps	-8 bps	\$79.5	5.59%	8.5	AAA	-2.70% -2.96	% -2.96%	% -4.69%	0.86%	-35 bps -29 bp	s -29 bp:	s 222 bps	433 bps
AA US Corporate Index	792	8.2%	69 bps	3 bps	4 bps	4 bps	-8 bps	\$83.7	5.77%	6.8	AA3	-2.03% -2.27	% -2.279	6 -2.84%	2.55%	-28 bps -32 bp	s -32 bp:	s 187 bps	399 bps
Single-A US Corporate Index	4,128	43.8%	115 bps	6 bps	8 bps	8 bps	1 bps	\$85.7	6.23%	6.2	A2	-1.92% -2.14	% -2.149	% -2.20%	3.50%	-37 bps -46 bp	s -46 bp:	s 171 bps	440 bps
BBB US Corporate Index	5,075	46.9%	163 bps	6 bps	10 bps	10 bps	-9 bps	\$85.1	6.68%	6.2	BBB2	-1.93% -2.19	% -2.19%	% -1.09%	5.37%	-39 bps -53 bp	s -53 bp:	s 267 bps	604 bps
Maturity																			
1-3 Year US Corporate Index	2,077	24.2%	99 bps	6 bps	9 bps	9 bps	11 bps	\$95.0	6.15%	1.8	А3	-0.09% 0.05	% 0.05%	2.55%	4.66%	-11 bps -14 bp	s -14 bp:	s 63 bps	139 bps
3-5 Year US Corporate Index	1,771	19.1%	130 bps	9 bps	13 bps	13 bps	10 bps	\$92.0	6.26%	3.5	А3	-0.77% -0.82	% -0.82%	6 1.03%	5.10%	-33 bps -47 bp	s -47 bp:	s 111 bps	288 bps
5-7 Year US Corporate Index	1,188	12.2%	144 bps	7 bps	10 bps	10 bps	-4 bps	\$86.6	6.34%	5.2	BBB1	-1.48% -1.63	% -1.639	6 -0.58%	4.81%	-39 bps -54 bp	s -54 bp:	s 157 bps	388 bps
7-10 Year US Corporate Index	1,458	14.7%	165 bps	6 bps	8 bps	8 bps	-7 bps	\$83.9	6.60%	6.8	А3	-2.28% -2.55	% -2.55%	6 -2.29%	4.48%	-49 bps -61 bp	s -61 bp:	s 214 bps	547 bps
10-15 Year US Corporate Index	556	5.0%	152 bps	2 bps	3 bps	3 bps	-26 bps	\$90.7	6.58%	8.5	А3	-2.73% -3.15	% -3.15%	6 -3.19%	5.08%	-23 bps -35 bp	s -35 bp:	362 bps	811 bps
15+ Year US Corporate Index	3,059	24.8%	141 bps	5 bps	6 bps	6 bps	-19 bps	\$72.8	6.62%	12.7	A3	-4.40% -5.13	% -5.13%	% -7.75%	1.95%	-61 bps -71 bp	s -71 bp:	s 380 bps	902 bps
Industry																			
US Corporate Index	='																		
Industrials	6,011	58.4%	123 bps	5 bps	7 bps	7 bps	-10 bps	\$84.0	6.29%	7.0	А3	-2.19% -2.46	% -2.46%	6 -2.30%	4.03%	-39 bps -47 bp	s -47 bp:	s 248 bps	554 bps
Consumer Cyclicals	354	3.6%	97 bps	6 bps	7 bps	7 bps	-2 bps	\$82.9	6.02%	7.2	A2	-2.36% -2.63	% -2.63%	% -3.48%	2.66%	-48 bps -54 bp	s -54 bp:	s 160 bps	439 bps
US Corp Retail	262	2.9%	91 bps	5 bps	6 bps	6 bps	-3 bps	\$82.8	5.95%	7.2	A2	-2.34% -2.61	% -2.619	6 -3.49%	2.65%	-46 bps -52 bp	s -52 bp:	s 159 bps	437 bps
US Corp Food & Drug Retail	45	0.3%	156 bps	11 bps	12 bps	12 bps	15 bps	\$81.0	6.63%	6.9	BBB2	-2.32% -2.51	% -2.519	6 -3.35%	2.38%	-56 bps -55 bp	s -55 bp:	s 129 bps	387 bps
US Corp Restaurants	47	0.4%	95 bps	7 bps	8 bps	8 bps	-5 bps	\$84.7	6.03%	7.5	BBB1	-2.54% -2.86	% -2.869	6 -3.57%	3.00%	-55 bps -64 bp	s -64 bp:	s 182 bps	487 bps
Consumer Non-Cyclicals	589	5.5%	110 bps	6 bps	8 bps	8 bps	-13 bps	\$85.0	6.15%	7.0	А3	-2.30% -2.61	% -2.619	6 -2.21%	4.36%	-49 bps -60 bp	s -60 bp:	s 250 bps	573 bps
US Corp Beverage	163	1.8%	88 bps	6 bps	7 bps	7 bps	-18 bps	\$84.1	5.96%	8.0	А3	-2.76% -3.13	% -3.139	6 -3.34%	3.65%	-57 bps -66 bp	s -66 bp:	s 278 bps	612 bps
US Corp Food Wholesale	227	1.8%	116 bps	7 bps	9 bps	9 bps	-5 bps	\$84.7	6.19%	6.7	BBB1	-2.18% -2.55	% -2.55%	6 -2.54%	3.27%	-48 bps -68 bp	s -68 bp:	s 172 bps	431 bps
US Corp Tobacco	80	1.0%	158 bps	6 bps	6 bps	6 bps	-25 bps	\$85.4	6.65%	6.5	BBB1	-2.13% -2.34	% -2.349	6 -0.16%	8.45%	-48 bps -51 bp	s -51 bp:	s 383 bps	931 bps
US Corp Consumer Products	119	0.9%	86 bps	6 bps	8 bps	8 bps	-10 bps	\$86.7	5.89%	6.0	A2	-1.82% -2.00	% -2.00%	6 -1.56%	3.59%	-38 bps -44 bp	s -44 bp:	s 193 bps	402 bps
Same Dof A Clobal Desearch Bloomb																			

Source: BofA Global Research, Bloomberg

Exhibit 10: Recent Sector New Issuance Consumer/Retail new issuance tracker in reverse chronological order

Issue Date	Ticker	Issuer	Rating (Moody's/S&P)	Size	Coupon	Maturity	New Issu Spread
10/19/2023	AZO	AUTOZONE	Baa1/BBB	\$500	6.250%	11/01/2028	132
10/19/2023	AZO	AUTOZONE	Baa1/BBB	\$500	6.550%	11/01/2033	162
10/11/2023	SJM	JM SMUCKER	Baa2/BBB	\$750	5.900%	11/15/2028	130
10/11/2023	SJM	JM SMUCKER	Baa2/BBB	\$1,000	6.200%	11/15/2033	160
		-	Baa2/BBB				
10/11/2023	SJM	JM SMUCKER		\$750	6.500%	11/15/2043	163
10/11/2023	SJM	JM SMUCKER	Baa2/BBB	\$1,000	6.500%	11/15/2053	180
10/10/2023	GIS	GENERAL MILLS	Baa2/BBB	\$500	5.500%	10/17/2028	103
10/04/2023	DRI	DARDEN RESTAURANTS	Baa2/BBB	\$500	6.300%	10/10/2033	165
10/02/2023	DGELN	DIAGEO CAPITAL	A3/A-	\$800	5.375%	10/05/2026	60
10/02/2023	DGELN	DIAGEO CAPITAL	A3/A-	\$900	5.625%	10/05/2034	100
09/27/2023	PPC	PILGRIM'S PRIDE CORP	Ba2/BBB-	\$500	6.875%	05/15/2034	250
09/06/2023	NESNVX	NESTLE HOLDINGS	A3/AA-	\$500	5.000%	09/12/2028	57
09/06/2023	NESNVX	NESTLE HOLDINGS	A3/AA-	\$500	5.000%	09/12/2030	67
09/06/2023	NESNVX	NESTLE HOLDINGS	A3/AA-	\$500	5.000%	09/12/2033	77
09/05/2023	UNANA	UNILEVER CAPITAL CORP	A1/A+	\$700	4.875%	09/08/2028	55
09/05/2023	UNANA	UNILEVER CAPITAL CORP	A1/A+	\$800	5.000%	12/08/2033	85
09/05/2023	JBSSBZ	JBS USA	Baa3/BBB-	\$1,600	6.750%	03/15/2034	250
09/05/2023	JBSSBZ	JBS USA	Baa3/BBB-	\$900	7.250%	11/15/2053	290
09/05/2023	PM	PHILIP MORRIS INTERNATIONAL	A2/A-	\$650	5.250%	09/07/2028	105
09/05/2023	PM	PHILIP MORRIS INTERNATIONAL	A2/A-	\$700	5.500%	09/07/2030	135
09/05/2023	PM	PHILIP MORRIS INTERNATIONAL	A2/A-	\$1,000	5.625%	09/07/2033	160
08/14/2023	MCD	MCDONALD'S CORP	Baa1/BBB+	\$600	4.800%	08/14/2028	68
08/14/2023	MCD	MCDONALD'S CORP	Baa1/BBB+	\$600	4.000%	08/14/2033	98
08/14/2023	MCD	MCDONALD'S CORP MCDONALD'S CORP	Baa 1/BBB+	\$800	4.950% 5.450%	08/14/2033	98 128
07/31/2023	BATSLN	BRITISH AMERICAN TOBACCO	Baa2/BBB+	\$1,000	5.931%	02/02/2029	175
07/31/2023	BATSLN	BRITISH AMERICAN TOBACCO	Baa2/BBB+	\$1,000	6.343%	08/02/2030	225
07/31/2023	BATSLN	British American Tobacco	Baa2/BBB+	\$1,250	6.421%	08/02/2033	245
07/31/2023	BATSLN	British American Tobacco	Baa2/BBB+	\$750	7.079%	08/02/2043	285
07/31/2023	BATSLN	British American Tobacco	Baa2/BBB+	\$1,000	7.081%	08/02/2053	305
07/18/2023	AZO	AUTOZONE	Baa 1/BBB	\$450	5.050%	07/15/2026	75
07/18/2023	AZO	AUTOZONE	Baa 1/BBB	\$300	5.200%	08/01/2033	143
07/17/2023	CAG	CONAGRA BRANDS	Baa3/BBB-	\$500	5.300%	10/01/2026	100
06/06/2023	BACARD	BACARDI	Baa3/BBB-	\$400	5.250%	01/15/2029	140
06/06/2023	BACARD	BACARDI	Baa3/BBB-	\$700	5.400%	06/15/2033	175
06/06/2023	BACARD	BACARDI	Baa3/BBB-	\$400	5.900%	06/15/2043	190
06/05/2023	DG	DOLLAR GENERAL	Baa2/BBB	\$500	5.200%	07/05/2028	137
06/05/2023	DG	DOLLAR GENERAL	Baa2/BBB	\$1,000	5.450%	07/05/2033	177
05/09/2023	EL	ESTEE LAUDER	A1/A+	\$700	4.375%	05/15/2028	90
05/09/2023	EL	ESTEE LAUDER	A1/A+	\$700	4.650%	05/15/2033	115
05/09/2023	EL	ESTEE LAUDER	A1/A+	\$600	5.150%	05/15/2053	135
05/03/2023	HSY	HERSHEY	A1/A	\$350	4.250%	05/04/2028	67
	HSY	HERSHEY					97
05/01/2023			A1/A	\$400	4.500%	05/04/2033	
05/01/2023	TSCO	TRACTOR SUPPLY	Baa1/BBB	\$750	5.250%	05/15/2033	175
04/27/2023	STZ	CONSTELLATION BRANDS	Baa3/BBB	\$750	4.900%	05/01/2033	147
04/17/2023	MARS	MARS	A1/A	\$1000	4.550%	04/20/2028	87
04/17/2023	MARS	MARS	A1/A	\$500	4.650%	04/20/2031	105
04/17/2023	MARS	MARS	A1/A	\$1000	4.750%	04/20/2033	117
04/17/2023	CARGIL	CARGILL	A2/A	\$600	4.500%	06/24/2026	65
04/17/2023	CARGIL	CARGILL	A2/A	\$500	4.750%	04/24/2033	120
04/12/2023	WMT	WALMART	Aa2/AA	\$750	4.000%	04/15/2026	30
04/12/2023	WMT	WALMART	Aa2/AA	\$750	3.900%	04/15/2028	47
04/12/2023	WMT	WALMART	Aa2/AA	\$500	4.000%	04/15/2030	60
04/12/2023	WMT	WALMART	Aa2/AA	\$1500	4.100%	04/15/2033	70
04/12/2023	WMT	WALMART	Aa2/AA	\$1500	4.500%	04/15/2053	90
04/04/2023	PPC	PILGRIM'S PRIDE	Ba3/BBB-	\$1,000	6.250%	07/01/2033	300
04/03/2023	MKC	MCCORMICK & CO	Baa2/BBB	\$500	4.950%	04/15/2033	153
3/29/2023	ADM	ARCHER-DANIELS-MIDLAND	A2/A	\$500	4.500%	08/15/2033	105
3/28/2023	LOW	LOWE'S	Baa1/BBB+	\$1000	4.800%	04/01/2026	95
03/28/2023	LOW	LOWE'S	Baa1/BBB+	\$1000	5.150%	07/01/2033	160
03/28/2023	LOW	LOWE'S	Baa1/BBB+	\$500	5.750%	07/01/2053	200
03/28/2023	LOW	LOWE'S	Baa1/BBB+	\$500	5.850%	04/01/2063	210
03/27/2023	GIS	GENERAL MILLS	Baa2/BBB	\$1000	4.950%	03/29/2033	145
03/21/2023	BFB	BROWN FORMAN	A1/A-	\$650	4.750%	04/15/2033	120
03/08/2023	KVUE	KENVUE	A1/A	\$750	5.500%	03/22/2025	45
03/08/2023	KVUE	KENVUE	A1/A	\$750	5.350%	03/22/2026	60
03/08/2023	KVUE	KENVUE	A1/A	\$1000	5.050%	03/22/2028	75
03/08/2023	KVUE	KENVUE	A1/A	\$1000	5.000%	03/22/2030	85

Source: BofA Global Research, Bloomberg Data excludes FRN



Exhibit 11: Retail Historical Spread & Return Monitor Benchmark spreads and credit metrics by issuer



																	Credit M	etrics	
			Outstanding	Ratings			Current			5-yr		LTM			Net	Total Debt/			EV /
Issuer	Coupon	Maturity	(\$mil)	Mdy/S&P/Fit	Outlook	Bid	YTW	G-spd	T-spd	CDS	Revenue	EBITDAR	Debt	Cash	FCF	EBITDAR	EBITDAR	EV	EBITDAR
Walmart Inc (WMT)	4.100%	4/15/2033	\$1,500	Aa2/AA/AA	S/S/S	\$89.0	5.61%	73	69	36	\$630,794	\$39,701	\$64,801	\$13,888	\$8,032	1.6x	1.3x	\$487,930	11.8x
Walmart Inc (WMT)	4.500%	4/15/2053	\$1,500	Aa2/AA/AA	S/S/S	\$79.3	6.01%	94	92										
Costco Wholesale Corp (COST)	1.600%	4/20/2030	\$1,750	Aa3/A+/	S/S/	\$78.7	5.55%	62	64	50	\$233,371	\$10,379	\$9,004	\$12,493	\$3,506	0.9x	-0.3x	\$238,691	21.6x
Costco Wholesale Corp (COST)	1.750%	4/20/2032	\$1,000	Aa3 / A+ /	S/S/	\$74.6	5.54%	62	62										
Nike Inc (NKE)	2.850%	3/27/2030	\$1,500	A1/AA-/	S/S/	\$85.0	5.66%	74	75	74	\$51,217	\$7,359	\$12,144	\$7,441	(\$1,969)	2.1x	1.1x	\$160,311	22.6x
Nike Inc (NKE)	3.375%	3/27/2050	\$1,500	A1/AA-/	S/S/	\$66.6	5.88%	74	73										
Target Corp (TGT)		1/15/2033	\$500	A2/A/A	S/S/S	\$89.4	5.90%	102	98	41	\$107,638	\$7,413	\$18,366	\$1,617	(\$481)	2.5x	2.3x	\$67,384	13.3x
Target Corp (TGT)	4.800%	1/15/2053	\$1,150	A2/A/A	S/S/S	\$80.7	6.24%	123	115										
TJX Companies Inc (TJX)	1.600%	5/15/2031	\$500	A2/A/	S/S/	\$74.6	5.81%	85	89	57	\$51,227	\$8,126	\$2,861	\$4,550	\$1,535	1.5x	1.0x	\$108,892	13.2x
TJX Companies Inc (TJX)	4.500%	4/15/2050	\$385	A2/A/	S/S/	\$78.1	6.20%	105	105										
Ralph Lauren Corp (RL)	2.950%	6/15/2030	\$750	A3/A-/	S/S/	\$83.2	6.06%	111	115		\$6,450	\$919	\$2,882	\$1,607	(\$493)	3.1x	1.4x	\$8,402	7.0x
Amazon.com Inc (AMZN)	3.600%	4/13/2032	\$2,500	A1/AA/AA-	S/S/S	\$86.4	5.64%	72	72										
Amazon.com Inc (AMZN)	3.950%	4/13/2052	\$2,500	A1/AA/AA-	S/S/S	\$73.0	5.93%	85	82										
Ross Stores Inc (ROST)	1.875%	4/15/2031	\$500	A2/BBB+/	S/S/	\$73.7	6.36%	140	143		\$19,209	\$3,323	\$5,780	\$4,584	\$681	1.7x	0.4x	\$40,061	13.6x
Best Buy Co Inc (BBY)	1.950%	10/1/2030	\$650	A3/BBB+/	S/S/	\$75.4	6.41%	146	148	96	\$44,372	\$3,518	\$4,029	\$1,093	\$345	1.1x	0.8x	\$17,944	5.7x
Home Depot Inc (HD)	4.500%	9/15/2032	\$1,250	A2/A/A	S/S/S	\$91.4	5.74%	82	82	35	\$154,876	\$27,354	\$49,493	\$2,814	\$784	1.9x	1.8x	\$334,248	13.1x
Home Depot Inc (HD)	4.950%	9/15/2052	\$1,000	A2/A/A	S/S/S	\$82.6	6.26%	118	116										
Lowe's Companies Inc (LOW)	5.000%	4/15/2033	\$1,250	Baa1 / BBB+ /	S/S/	\$90.7	6.31%	138	140	56	\$93,227	\$15,064	\$40,576	\$3,868	(\$6,125)	2.7x	2.5x	\$147,015	10.8x
Lowe's Companies Inc (LOW)	5.625%	4/15/2053	\$1,500	Baa1 / BBB+ /	S/S/	\$85.7	6.75%	169	166										
VF Corp (VFC)	2.950%	4/23/2030	\$750	Baa2 / BBB /	N/S/	\$77.1	7.46%	257	255	178	\$11,437	\$1,048	\$8,151	\$807	(\$1,527)	7.8x	7.0x	\$13,965	9.0x
Tractor Supply (TSCO)	1.750%	11/1/2030	\$650	Baa1 / BBB+ /	S/S/	\$73.7	6.47%	154	155		\$14,761	\$2,285	\$4,844	\$620	(\$346)	2.1x	1.8x	\$25,932	13.0x
AutoZone Inc (AZO)	4.750%	8/1/2032	\$750	Baa1 / BBB / BBB	S/S/S	\$88.8	6.44%	152	152	52	\$17,115	\$4,323	\$7,340	\$275	(\$1,162)	2.3x	2.3x	\$52,169	11.7x
AutoZone Inc (AZO)	4.750%	2/1/2033	\$550	Baa1 / BBB / BBB	S/S/S	\$88.1	6.48%	156	156										
O' Reilly Automotive (ORLY)	1.750%	3/15/2031	\$500	Baa1 / BBB /	S/S/	\$73.5	6.29%	133	137		\$15,220	\$3,894	\$7,125	\$58	(\$217)	1.9x	1.9x	\$60,801	16.1x
O' Reilly Automotive (ORLY)	4.700%	6/15/2032	\$850	Baa1 / BBB /	S/S/	\$88.5	6.46%	153	154										
Genuine Parts Co. (GPC)	2.750%	2/1/2032	\$500	Baa1 / BBB /	S/S/	\$75.5	6.65%	173	173		\$22,879	\$2,395	\$4,266	\$530	(\$141)	2.3x	2.1x	\$21,459	12.4x
Advance Auto Parts (AAP)	3.900%	4/15/2030	\$500	Baa2 / BB+ /	N/S/	\$81.0	7.69%	276	278		\$11,219	\$1,494	\$4,585	\$277	(\$545)	3.1x	2.8x	\$6,805	7.8x
Advance Auto Parts (AAP)	3.500%	3/15/2032	\$501	Baa2 / BB+ /	N/S/	\$73.0	7.97%	298	305										
Dollar General Corp (DG)	5.450%	7/5/2033	\$1,000	Baa2 / BBB /	S/S/	\$90.4	6.82%	195	190		\$38,807	\$5,563	\$18,036	\$353	(\$2,062)	3.2x	3.2x	\$43,236	11.9x
Dollar General Corp (DG)	5.500%	11/1/2052	\$300	Baa2 / BBB /	S/S/	\$79.4	7.20%	210	210										
Dollar Tree Inc (DLTR)	2.650%	12/1/2031	\$800	Baa2 / BBB /	S/S/	\$75.5	6.60%	169	168		\$29,310	\$3,907	\$10,350	\$513	(\$115)	2.6x	2.5x	\$34,062	9.2x
Dollar Tree Inc (DLTR)	3.375%	12/1/2051	\$400	Baa2 / BBB /	S/S/	\$56.0	6.96%	186	184										
Tapestry Inc (TPR)	3.050%	3/15/2032	\$500	Baa2 *- / BBB /	UR / N /	\$70.8	7.87%	290	295		\$6,661	\$1,678	\$3,292	\$726	(\$196)	2.0x	1.5x	\$8,892	7.4x
PVH Corp. (PVH)	4.625%	7/10/2025	\$499	Baa3 / BBB- /	S/P/	\$96.1	7.09%	179	194		\$9,134	\$1,429	\$3,789	\$373	(\$304)	2.7x	2.4x	\$7,853	5.7x
Dick's Sporting Goods (DKS)	3.150%	1/15/2032	\$750	Baa3 / BBB /	S/S/	\$74.9	7.25%	233	233		\$12,621	\$1,644	\$4,205	\$1,902	(\$64)	2.6x	1.4x	\$11,533	5.2x
Dick's Sporting Goods (DKS)	4.100%	1/15/2052	\$750	Baa3 / BBB /	S/S/	\$57.3	7.90%	280	279										
Nordstrom Inc (JWN)	4.250%	8/1/2031	\$425	Ba1/BB+/BB+	N/N/S	\$70.8	9.69%	470	477	258	\$14,818	\$1,471	\$4,474	\$885	\$440	3.0x	2.4x	\$5,801	4.8x
Nordstrom Inc (JWN)	5.000%	1/15/2044	\$966	Ba1/BB+/BB+	N/N/S	\$56.8	10.03%	472	475										
Kohl's Corporation (KSS)	4.625%	5/1/2031	\$500	Ba3/BB/BBB-	N/N/N	\$64.3	11.97%	693	705	258	\$17,762	\$1,199	\$7,992	\$204	(\$282)	6.7x	6.5x	\$10,109	8.3x
Kohl's Corporation (KSS)	5.550%	7/17/2045	\$427	Ba3/BB/BBB-	N/N/N	\$53.5	11.35%	601	610										

Source: BofA Global Research, Bloomberg BofA GLOBAL RESEARCH Consumer & Retail | 23 October 2023

Beriefiliants preda dira credit																	Credit M	letrics	
																Total	Net		
			Outstanding	Ratings			Current I			5-yr		LTM			Net	Debt/	Debt/		EV/
_	_		(A .11)	141 /COD/Et.		D. 1		G-	T	cn.c	_		5.1.					=	
Issuer	Coupon	Maturity	(\$mil)	Mdy/S&P/Fit	Outlook			spd		CDS	Revenue			Cash	FCF	EBITDAR	EBITDAR	EV	EBITDAR
Starbucks Corp (SBUX)		3/12/2030	\$750	Baa1 / BBB+ /	S/S/			113	120		\$35,016	\$8,314	\$24,371	\$3,620	\$73	2.9x	2.5x	\$128,649	14.8x
Starbucks Corp (SBUX)		11/15/2030	\$1,250	Baa1 / BBB+ /				118	119										
Starbucks Corp (SBUX)		2/14/2032	\$1,000	Baa1 / BBB+ /				118	119										
Starbucks Corp (SBUX)		2/15/2033	\$500	Baa1 / BBB+ /				115	111										
Starbucks Corp (SBUX)	3.350%	3/12/2050	\$500	Baa1 / BBB+ /	S/S/	\$60.8	6.46%	131	131										
Starbucks Corp (SBUX)	3.500%	11/15/2050	\$1,250	Baa1 / BBB+ /	S/S/	\$62.6	6.43%	132	129										
McDonald's Corp (MCD)	3.600%	7/1/2030	\$1,000	Baa1 / BBB+ /	S/S/	\$86.7	6.05%	112	113	38	\$24,194	\$14,653	\$47,784	\$1,626	\$78	3.3x	3.2x	\$233,256	17.3x
McDonald's Corp (MCD)	4.600%	9/9/2032	\$750	Baa1 / BBB+ /	S/S/	\$91.2	5.89%	102	97										
McDonald's Corp (MCD)	4.950%	8/14/2033	\$600	Baa1 / BBB+ /	S/S/	\$91.6	6.11%	119	119										
McDonald's Corp (MCD)	4.200%	4/1/2050	\$750	Baa1 / BBB+ /	S/S/	\$72.7	6.34%	120	119										
McDonald's Corp (MCD)	5.150%	9/9/2052	\$750	Baa1 / BBB+ /	S/S/	\$84.2	6.35%	127	125										
McDonald's Corp (MCD)	5.450%	8/14/2053	\$800	Baa1 / BBB+ /	S/S/	\$88.0	6.35%	129	127										
Kroger Co (KR)	1.700%	1/15/2031	\$500	Baa1 / BBB /	N/N/	\$72.9	6.45%	149	153	74	\$148,039	\$7.946	\$19,829	\$2,420	\$1,881	2.5x	2.2x	\$48,943	6.2x
Kroger Co (KR)	5.400%	1/15/2049	\$600	Baa1 / BBB /	N/N/	\$83.6	6.77%	159	159		,	. ,-	,.	. ,	, ,			,.	
Kroger Co (KR)	3.950%	1/15/2050	\$750	Baa1 / BBB /	N/N/	\$66.6	6.66%	151	150										
7-Eleven Inc. (SVELEV)	1.800%	2/10/2031	\$1,700	Baa2 / A /	5/5/	\$74.4	6.22%	130	130										
7-Eleven Inc. (SVELEV)		2/10/2051	\$1,250	Baa2 / A /	S/S/	\$53.1	6.49%	137	135										
Alimentation Couche-Tard (ATDBCN)		1/25/2030	\$750	Baa1 / BBB+ /	S/S/			148	151		\$68,822	\$5,771	\$9,466	\$1,957	(\$229)	1.6x	1.3x	\$59,914	10.1x
Alimentation Couche-Tard (ATDBCN)	3.625%	5/13/2051	\$350	Baa1 / BBB+ /	5/5/	\$59.4	6.96%	184	183		. ,		. ,	. ,	,			. ,	
Darden Restaurant Inc (DRI)	3.850%	5/1/2027	\$500	Baa2 / BBB / BBB	5/5/5	\$92.6	6.23%	130	133	60	\$10,488	\$3,907	\$8,872	\$368	(\$32)	3.0x	2.8x	\$22,290	12.8x
Darden Restaurant Inc (DRI)		10/10/2033	\$500	Baa2 / BBB / BBB				188	188		,	,- 5.	T-,	70	(+)	2.0/		,-50	
Darden Restaurant Inc (DRI)		2/15/2048	\$300	Baa2 / BBB / BBB				180	180										
Albertson Cos Inc (ACI)		2/15/2030	\$1,000	Ba3 *+/BB+*+/		4		244	248	116	\$78,761	\$3,885	\$15,036	\$266	(\$3,537)	3.9x	3.8x	\$27,180	5.5x

Source: BofA Global Research, Bloomberg BofA GLOBAL RESEARCH



Exhibit 13: Consumer Products Historical Spread & Return Monitor Benchmark spread and credit metrics by issuer



																	Credit Me	trics	
			Outstanding	Ratings		(Current F	Pricing		5-yr		LTM			Net	Total Debt/	Net Debt/		EV /
Issuer	Coupon	Maturity	(\$mil)	Mdy/S&P/Fit	Outlook	Bid		G-spd	T-spd		Revenue		Debt	Cash	FCF	EBITDA	EBITDA	EV	EBITDA
Procter & Gamble (PG)	2.300%	2/1/2032	\$850	Aa3 / AA- /	S/S/	\$79.5	5.41%	48	49	32	\$82,006	\$21,516	\$34,607	\$8,246	(\$1,297)	1.6x	1.2x	\$378,220	18.1x
Procter & Gamble (PG)	4.050%	1/26/2033	\$850	Aa3 / AA- /	S/S/	\$90.2	5.42%	49	50										
Procter & Gamble (PG)	3.600%	3/25/2050	\$491	Aa3 / AA- /	S/S/	\$70.9	5.76%	60	60										
Colgate-Palmolive Co (CL)	3.250%	8/15/2032	\$500	Aa3 / AA- /	S/N/	\$84.7	5.45%	52	53	35	\$18,676	\$4,334	\$8,989	\$819	\$10	2.2x	2.0x	\$68,296	16.8x
Colgate-Palmolive Co (CL)	4.600%	3/1/2033	\$500	Aa3 / AA- /	S/N/	\$93.8	5.45%	53	54										
Colgate-Palmolive Co (CL)	3.700%	8/1/2047	\$500	Aa3 / AA- /	S/N/	\$72.7	5.84%	63	63										
Unilever Capital Corp (UNANA)	1.750%	8/12/2031	\$850	A1/A+/Au	S/S/S	\$74.8	5.81%	86	89	20	\$60,878	\$10,350	\$29,386	\$4,994	(\$284)	2.8x	2.4x	\$141,761	12.7x
Unilever Capital Corp (UNANA)	5.000%	12/8/2033	\$800	A1/A+/Au	S/S/S	\$93.3	5.88%	95	95										
Unilever Capital Corp (UNANA)	2.625%	8/12/2051	\$650	A1/A+/Au	S/S/S	\$55.7	5.88%	75	75										
Kimberly-Clark Corp (KMB)	2.000%	11/2/2031	\$600	A2/A/	S/S/	\$76.1	5.76%	81	84	58	\$20,346	\$3,632	\$8,135	\$580	\$822	2.3x	2.1x	\$49,323	15.4x
Kimberly-Clark Corp (KMB)	4.500%	2/16/2033	\$350	A2/A/	S/S/	\$90.9	5.78%	84	86										
Kimberly-Clark Corp (KMB)	2.875%	2/7/2050	\$500	A2/A/	S/S/	\$59.8	5.90%	79	75										
SC Johnson & Son Inc (SCJOHN)	4.750%	10/15/2046	\$850	Baa1 / BBB+ /	S/S/	\$80.2	6.41%	120	119										
Estee Lauder Co Inc (EL)	4.650%		\$700	A1/A+/	N/N/	\$90.4	5.98%	111	106		\$15,937	\$2,567	\$8,114	\$4,029	(\$468)	3.4x	2.1x	\$56,628	25.6x
Estee Lauder Co Inc (EL)	5.150%	5/15/2053	\$600	A1/A+/	N/N/	\$85.3	6.25%	118	116										
Kenvue (KVUE)	5.000%	3/22/2030	\$27	A1/A/	S/S/	\$95.2	5.90%	84	100		\$14,950	\$3,606	\$8,955	\$1,231	-	2.5x	2.1x	-	-
Kenvue (KVUE)	4.900%	3/22/2033	\$26	A1/A/	S/S/	\$93.4	5.82%	89	90										
Kenvue (KVUE)	5.050%	3/22/2053	\$0	A1/A/	S/S/	\$85.3	6.14%	105	105										
Reckitt Benckiser TSY (RKTLN)	3.000%	6/26/2027	\$2,500	A3/A-/	S/S/	\$90.8	5.81%	86	91		£13,234	£3,239	£9,637	£1,259	£1,258	3.0x	2.6x	£53,852	
Church & Dwight Co Inc (CHD)	5.600%	11/15/2032	\$500	A3/BBB+/	S/S/	\$96.7	6.08%	115	116		\$5,637	\$1,295	\$2,405	\$397	\$718	1.9x	1.6x	\$24,631	17.7x
Church & Dwight Co Inc (CHD)	3.950%	8/1/2047	\$400	A3/BBB+/	S/S/	\$71.5	6.27%	107	107										
Church & Dwight Co Inc (CHD)	5.000%	6/15/2052	\$500	A3/BBB+/	S/S/	\$82.1	6.37%	126	126										
Clorox Company (CLX)	1.800%	5/15/2030	\$500	Baa1 / BBB+ /	S/S/	\$75.8	6.37%	138	146	84	\$7,389	\$1,153	\$2,614	\$367	\$380	2.5x	2.2x	\$18,011	14.7x
Clorox Company (CLX)	4.600%	5/1/2032	\$600	Baa1 / BBB+ /		\$89.3	6.24%	130	132										
Haleon Plc (HLNLN)	3.625%		\$1,998	Baa1 / BBB /	S//	\$82.96	6.26%	133	134		£9,545	£2,413	£9,782	£405	£25	4.1x	3.9x	\$40,631	16.8x
Haleon Plc (HLNLN)	4.000%	3/24/2052	\$1,000	Baa1 / BBB /	S//	\$69.6	6.31%	121	120										
Whirlpool Corp (WHR)	4.700%			Baa1 / BBB / BBB	S/N/N	\$88.3	6.51%	156	159	155	\$19,148	\$1,466	\$7,720	\$1,309	\$182	5.4x	4.4x	\$14,267	7.4x
Whirlpool Corp (WHR)	5.500%	3/1/2033		Baa1 / BBB / BBB	S/N/N	\$92.6	6.57%	163	165										
Whirlpool Corp (WHR)	4.600%	5/15/2050	\$500	Baa1 / BBB / BBB	S/N/N	\$72.1	6.91%	177	176										
Hasbro Inc (HAS)	3.900%	11/19/2029		Baa2 / BBB / BBB	- S/S/S	\$86.7	6.59%	168	169	182	\$5,565	\$970	\$3,886	\$217	(\$253)	4.0x	3.8x	\$11,442	7.7x
Hasbro Inc (HAS)	5.100%	5/15/2044		Baa2 / BBB / BBB	- S/S/S	\$77.5	7.22%	197	194										
Brunswick Corp (BC)	2.400%	8/18/2031	\$550	Baa2 / BBB- / BBB	3 S/S/S	\$70.5	7.45%	252	253	258	\$6,727	\$1,117	\$2,635	\$478	(\$361)	2.4x	1.9x	\$7,152	5.7x
Brunswick Corp (BC)	4.400%	9/15/2032		Baa2 / BBB- / BBB		\$78.1	7.88%	294	296										
Brunswick Corp (BC)	5.100%	4/1/2052		Baa2 / BBB- / BBB		\$65.2	8.31%	321	320										
Mattel Inc (MAT)	3.750%	4/1/2029	\$600	Baa3 / BBB- / BB+	S/P/P	\$86.6	6.73%	186		328	\$5,059	\$597	\$2,672	\$300	\$256	4.5x	4.0x	\$9,449	7.8x
Newell Brands Inc (NWL)	6.625%		\$500	Ba2 / BB / BB	N/N/N	\$91.0	8.60%	361	371	531	\$8,546	\$1,226	\$6,010	\$317	(\$1,294)	4.9x	4.6x	\$8,369	9.1x
Newell Brands Inc (NWL)	6.500%	4/1/2046	\$666	Ba2 / BB / BB	N/N/N	\$68.5	10.06%	481	483										

Source: BofA Global Research, Bloomberg

Exhibit 14: Packaged Food Spread & Return Monitor Benchmark spread and credit metrics by issuer

																	Metrics	
			Outstanding	Ratings		Curre	nt Pricing		5-yr		LTM			Net	Total Debt/	Net Debt/		EV/
lssuer	Coupon	Maturity	(\$mil)	Mdy/S&P/Fit	Outlook	Bid Y1	G- W spd	T- spd	CDS.	Revenue	EBITDA	Debt	Cash	FCF	EBITDA	EBITDA	EV	EBITO
Nestle Holdings Inc. (NESNVX)	4.850%	3/14/2033	\$650	Aa3 / AA- / A+	S/S/S		'2% 78			CHF 95.498	CHF 16,476		CHF 3,667	(CHF 11.485)	3.2x	3.0x	\$317,758	
Nestle Holdings Inc. (NESNVX)	4.700%	1/15/2053	\$1,000	Aa3 / AA- / A+	S/S/S		33% 76		51	Ci ii 33,130	CI II 10,170	CH 33,301	Ci ii 3,007	(CIII 11,103)	J. Z.K	5.00	<i>\$517,750</i>	10.
Hershey Company (HSY)	4.500%	5/4/2033	\$400	A1/A/	S/S/	\$91.9 5.6			41	\$10,858	\$2,966	\$4,954	\$446	\$588	1.8x	1.7x	\$44,010	18.
Hershey Company (HSY)	2.650%	6/1/2050	\$350	A1 / A /	S/S/	\$56.0 5.9		82		4,	7-,	7 ,,	*****	****			4 . ,	
Mars Inc. (MARS)	1.625%	7/16/2032	\$700	A1 / A+ /	S/S/	\$71.5 5.8		91										
Mars Inc. (MARS)	2.450%	7/16/2050	\$400	A1/A+/	S/S/	\$51.1 6.2		108										
Hormel Foods (HRL)	1.800%	6/11/2030	\$1,000	A1/A-/	S/S/	\$79.6 5.5	52% 62	61		\$12,267	\$1,457	\$3,421	\$669	\$298	2.3x	1.9x	\$19,676	18.
Hormel Foods (HRL)	3.050%	6/3/2051	\$600	A1/A-/	S/S/	\$60.0 6.0)5% 94	92			. , ,			,			,.	
Archer-Daniels-Midland Co (ADM)	4.500%	8/15/2033	\$500	A2/A/A	S/S/S	\$89.9 5.8	36% 97	95	65	\$100,176	\$3,306	\$10,288	\$1,426	(\$190)	3.1x	2.7x	\$47,815	10.
Archer-Daniels-Midland Co (ADM)	2.700%	9/15/2051	\$750	A2 / A / A	S/S/S	\$56.1 5.9	94% 83	81										
Cargill Inc (CARGIL)	4.750%	4/24/2033	\$500	A2 / A / A	S/S/S	\$91.8 5.8	39% 100	98	57									
Cargill Inc (CARGIL)	4.375%	4/22/2052	\$500	A2/A/A	S/S/S	\$76.4 6.1	4% 103	103										
Danone SA (BNFP)	0.395%	6/10/2029	\$800	Baa1 / BBB+ /	S/S/	\$82.6 3.9	90% 109	112	51	\$28,503	\$4,787	\$14,799	\$1,880	\$853	3.1x	2.7x	\$48,246	10.
Mondelez International Holdings Netherlands BV (MIHN)	1.250%	9/24/2026	\$350	A3 / BBB /	S/S/	\$88.0 5.8	30% 83	86										
Mondelez International (MDLZ)	3.000%	3/17/2032	\$750	Baa1 / BBB /	S/S/	\$79.3 6.2	1% 126	129	58	\$34,130	\$6,518	\$21,226	\$1,482	(\$272)	3.5x	3.3x	\$108,103	17.
Mondelez International (MDLZ)	2.625%	9/4/2050	\$1,125	Baa1 / BBB / WD	S/S/	\$52.4 6.3	34% 120	120										
Ingredion Inc (INGR)	2.900%	6/1/2030	\$600	Baa1 / BBB / BBB	S/S/S	\$82.2 6.2	23% 130	131		\$8,216	\$1,114	\$2,461	\$257	(\$65)	2.3x	2.1x	\$8,210	8
Ingredion Inc (INGR)	3.900%	6/1/2050	\$400	Baa1 / BBB / BBB	S/S/S	\$63.1 6.9	96% 181	181										
Sysco Corporation (SYY)	2.450%	12/14/2031	\$450	Baa1 / BBB / BBB	S/S/S	\$75.5 6.3	35% 140	143	64	\$76,325	\$3,846	\$11,166	\$745	\$657	2.9x	2.7x	\$43,597	11.
Sysco Corporation (SYY)	3.150%	12/14/2051	\$800	Baa1 / BBB / BBB	S/S/S	\$56.6 6.5	4% 143	143										
McCormick & Co (MKC)	4.950%	4/15/2033	\$500	Baa2 / BBB /	S/N/	\$89.5 6.4	155	153		\$6,516	\$1,314	\$4,864	\$127	\$177	3.7x	3.7x	\$20,810	24
McCormick & Co (MKC)	4.200%	8/15/2047	\$300	Baa2 / BBB /	S/N/	\$71.8 6.5	66% 137	135										
General Mills Inc (GIS)	4.950%	3/29/2033	\$1,000	Baa2 / BBB /	S/S/	\$90.0 6.3	88% 145	146	55	\$20,094	\$4,093	\$11,706	\$586	(\$370)	3.0x	2.9x	\$49,072	14
General Mills Inc (GIS)	3.000%	2/1/2051	\$605	Baa2 / BBB /	S/S/	\$56.3 6.4	12% 128	128										
Kellogg Co (K)	5.250%	3/1/2033	\$400	Baa2 / BBB / BBB	S/N/S	\$91.0 6.5	55% 162	163	73	\$15,873	\$2,486	\$7,330	\$308	\$212	3.6x	3.5x	\$24,337	12
Kellogg Co (K)	4.500%	4/1/2046	\$650	Baa2 / BBB / BBB	S/N/S	\$74.0 6.7	7% 154	153										
Flowers Foods Inc (FLO)	2.400%	3/15/2031	\$500	Baa2 / BBB / BBB	S/S/S	\$76.6 6.4	12% 147	150		\$5,003	\$571	\$1,175	\$12	(\$29)	2.1x	2.0x	\$5,754	12.
JM Smucker Co (SJM)	2.125%	3/15/2032	\$500	Baa2 / BBB /	S/N/	\$72.3 6.4	151	154		\$8,529	\$1,599	\$4,428	\$656	(\$59)	2.7x	2.3x	\$15,327	11.
JM Smucker Co (SJM)	3.550%	3/15/2050	\$300	Baa2 / BBB /	S/N/	\$59.9 6.8	86% 171	171										
Tyson Foods Inc (TSN)	4.350%	3/1/2029	\$1,000	Baa2 / BBB+ / BBB	S/N/S	\$91.8 6.1	7% 130	130	84	\$53,270	\$2,730	\$9,320	\$699	(\$908)	3.4x	3.2x	\$25,963	5.
Tyson Foods Inc (TSN)	5.100%	9/28/2048	\$1,500	Baa2 / BBB+ / BBB	S/N/S	\$76.0 7.1	8% 197	200										
Campbell Soup Co (CPB)	2.375%	4/24/2030	\$500	Baa2 / BBB- / BBB *-	S/S/	\$78.5 6.4	155 18%	157	68	\$9,276	\$1,763	\$4,759	\$223	\$63	2.9x	2.8x	\$16,680	10
Campbell Soup Co (CPB)	3.125%	4/24/2050	\$500	Baa2 / BBB- / BBB *-	S/S/	\$55.9 6.7	157 157	156										
Conagra Brands Inc (CAG)	7.000%	10/1/2028	\$382	Baa3 / BBB- / BBB-	S/S/S	\$104.0 6.0)5% 114	119	58	\$12,277	\$2,520	\$9,239	\$94	(\$138)	3.7x	3.7x	\$22,173	11.
Conagra Brands Inc (CAG)	5.400%	11/1/2048	\$1,000	Baa3 / BBB- / BBB-			22% 207											
Kraft Heinz Foods Co (KHC)	3.750%	4/1/2030	\$741	Baa2 / BBB / BBB	S/P/S	\$86.63 6.3	138	140	67	\$27,096	\$6,233	\$19,997	\$948	\$314	3.2x	3.1x	\$57,861	9
(raft Heinz Foods Co (KHC)	4.375%	6/1/2046	\$2,786		S/P/S	\$72.92 6.7		149										
Kraft Heinz Foods Co (KHC)	4.875%	10/1/2049	\$1,450			\$76.75 6.7												
JBS USA (JBSSBZ)	6.750%	3/15/2034	\$1,600	Baa3 / BBB- / BBB-		\$92.6 7.8				R\$ 367,860	R\$ 20,700	R\$ 101,338	R\$ 12,739	-R\$ 5,989	4.9x	4.3x	R\$ 135,757	4
JBS USA (JBSSBZ)	7.250%	11/15/2053	\$900	Baa3 / BBB- / BBB-		\$88.4 8.3												
Pilgrim's Pride (PPC)	6.250%	7/1/2033	\$1,000	Ba2 / BBB- / BBB-		\$90.9 7.5				\$17,070	\$798	\$3,596	\$731	(\$17)	4.5x	3.6x	\$9,019	5
Pilgrim's Pride (PPC)	3.500%	3/1/2032	\$889	Ba2 / BBB- / BBB-	S/N/S	\$74.5 7.7	0% 273	278										
Smithfield Foods Inc (SFD)	2.625%	9/13/2031	\$500	Ba1 / BBB- / BBB	S/S/S	\$70.7 7.6	54% 271	272	58									

Source: BofA Global Research, Bloomberg





Exhibit 15: Beverages Historical Spread & Return Monitor Benchmark spread and credit metrics by issuer



Ī																	Credit Me	etrics	
			Outstanding	Ratings		Cu	rrent Pr			5-yr		LTM			Net	Total Debt/	Net Debt/		EV /
_	_		4					_	T		_								
Issuer	Coupon	Maturity	(\$mil)	Mdy/S&P/Fit	Outlook		YTW	_			Revenue		Debt	Cash	FCF	EBITDA	EBITDA	EV	EBITDA
The Coca-Cola Co. (KO)	2.250%	1/5/2032	\$2,000	A1/A+/Au	S/S/S	\$78.1			70	58	\$44,167	\$15,746	\$41,625	\$12,564	\$2,846	2.6x	1.6x	\$264,466	21.5x
The Coca-Cola Co. (KO)		3/5/2051	\$1,700	A1/A+/Au	S/S/S	7	5.80%		67										
Coca-Cola European Partners (CCEP)		1/15/2027	\$500	Baa1 / / BBB+	S//S		6.02%		110		\$18,017	,	\$11,907			3.8x		\$34,824	
PepsiCo Inc (PEP)		2/15/2033	\$1,000	A1/A+/	S/S/		5.54%		62	58	\$90,135	\$16,500	\$43,621	\$6,454	(\$1,/65)	3.0x	2.6x	\$256,311	18.2x
PepsiCo Inc (PEP)		10/21/2051	\$1,000	A1/A+/	S/S/				74										
PepsiCo Inc (PEP)		2/15/2053	\$500	A1/A+/	S/S/		5.94%		85										
Brown-Forman Corp (BFB)		7/15/2045	\$500	A1/A-/WD	S/S/		6.18%		93		\$4,259	\$1,329	\$3,076	\$426	\$78	2.4x	2.1x	\$29,274	25.2x
Brown-Forman Corp (BFB)		4/15/2033	\$650	A1/A-/	S/S/		5.76%		85										
Diageo Investment Corp (DGELN)		1/24/2033	\$750	A3 / A- / A-u	S/S/S		6.00%		108	36	£17,113	£6,120	£16,502	£1,439	-£1,382	2.7x	2.5x	£77,061	12.6x
Diageo Investment Corp (DGELN)	3.875%	4/29/2043	\$500	A3 / A- / A-u	S/S/S	\$72.0	6.41%	114	113										
Anheuser-Busch InBev Fin (ABIBB)	4.900%	1/23/2031	\$750	A3/A-/	S/S/	\$94.0	5.93%	98	101	114	\$59,091	\$19,928	\$80,900	\$6,848	\$4,662	4.1x	3.7x	\$192,319	9.7x
Anheuser-Busch InBev Fin (ABIBB)	4.900%	2/1/2046	\$9,519	A3 / A- /	S/S/	\$83.0	6.33%	113	109										
Anheuser-Busch InBev Fin (ABIBB)	4.500%	6/1/2050	\$1,567	A3 / A- /	S/S/	\$76.8	6.32%	118	117										
Heineken NV (HEIANA)	1.750%	3/17/2031	\$750	A3/BBB+/	S/S/	\$85.5	4.05%	124	126	40	€ 29,725	€ 5,824	€ 19,857	€ 2,168	-€ 1,560	3.4x	3.0x	€ 68,332	11.1x
Heineken NV (HEIANA)	4.350%	3/29/2047	\$650	A3/BBB+/	S/S/	\$75.0	6.43%	124	127										
Pernod Ricard SA (RIFP)	1.625%	4/1/2031	\$900	Baa1 / BBB+ / BBB	+ S/S/S	\$74.1	5.99%	105	106	114	€ 12,136	€ 3,765	€ 10,741	€ 1,624	(€ 427)	2.9x	2.4x	€ 53,951	16.7x
Pernod Ricard SA (RIFP)	2.750%	10/1/2050	\$500	Baa1 / BBB+ / BBB	+ S/S/S	\$55.6	6.14%	100	100										
Suntory Holdings LTD (SUNTOR)	6.625%	7/15/2028	\$184	Baa1 / BBB+ / WD	S/S/	\$102.3	6.04%	115	118		¥2,819	¥416	¥1,468	¥253	¥95	3.5x	2.9x		
JAB Holdings BV (JABHOL)	1.000%	7/14/2031	\$306	Baa1 / BBB+ /	S/S/	\$76.2	4.75%	194	197										
JAB Holdings BV (JABHOL)	3.750%	5/28/2051	\$500	Baa1 / BBB+ /	S/S/	\$57.8	7.34%	222	226										
JAB Holdings BV (JABHOL)	4.500%	4/8/2052	\$500	Baa1 / BBB+ /	S/S/	\$66.7	7.29%	220	223										
Keurig Dr Pepper (KDP)	4.050%	4/15/2032	\$850	Baa1 / BBB /	S/S/	\$85.3	6.33%	139	141		\$14,567	\$4,080	\$12,695	\$278	\$231	3.1x	3.1x	\$53,814	15.5x
Keurig Dr Pepper (KDP)	3.350%	3/15/2051	\$500	Baa1 / BBB /	5/5/	\$59.4	6.56%	146	143										
Keurig Dr Pepper (KDP)		4/15/2052	\$1,150	Baa1 / BBB /	S/S/	\$73.0	6.62%	153	151										
Constellation Brands Inc (STZ)	4.750%	5/9/2032	\$700	Baa3 / BBB /	S/S/	\$89.4	6.38%	145	146	96	\$9,604	\$3,363	\$12,357	\$193	\$263	3.5x	3.5x	\$54,504	15.8x
Constellation Brands Inc (STZ)		5/1/2033	\$750	Baa3 / BBB /	S/S/		6.41%				,	,	. ,					,	
Constellation Brands Inc (STZ)		5/1/2050	\$600	Baa3 / BBB /			6.54%												
Molson Coors Brewing Co (TAP)		7/15/2026	\$2,000	Baa3 *+/BBB/WD			5.99%			124	\$11,178	\$2.263	\$6,615	\$961	\$736	3.0x	2.6x	\$18.729	8.4x
Molson Coors Brewing Co (TAP)		7/15/2046	\$1.800	Baa3 *+/BBB/WD							ψ,σ	Q 2,203	ψο,σ.5	ψsσ.	ψ, 50	5.67	2.0%	Ų.O,7 23	0
Bacardi LTD (BACARD)		6/15/2033	\$7,000	Baa3 / BBB- / BBB-				-											
Bacardi LTD (BACARD)		6/15/2043	\$400	Baa3 / BBB- / BBB-			7.00%												
Bacardi LTD (BACARD)		5/15/2048	\$700	Baa3 / BBB- / BBB			6.86%												
JDE Peet's NV (JDEPNA)		9/24/2031	\$500	Baa3 / BBB- / BBB							€8743	€ 1,360	€ 4,967	€ 755	€ 522	3.7x	3 1v	€ 16,742	11.3x

Source: BofA Global Research, Bloomberg BofA GLOBAL RESEARCH

Exhibit 16: Tobacco Historical Return & Spread Monitor Benchmark spread and credit metrics by issuer

																	Credit Met	rics	
			Outstanding	Ratings			Current	Pricing		5-yr		LTM			Net	Total Debt/	Net Debt/		EV /
Issuer	Coupon	Maturity	(\$mil)	Mdy/S&P/Fit	Outlook	Bid	YTW	G-spd	T-spd	CDS	Revenue	EBITDA	Debt	Cash	FCF	EBITDA	EBITDA	EV	EBITDA
Japan Tobacco (JAPTOB)	2.250%	9/14/2031	\$625	A2 / A+ /	S / /	\$75.2	6.29%	136	137		¥2,783,816	¥865,155	¥1,018,639	¥827,220	¥136,212	1.2x	0.2x	¥317,758	0.4x
Japan Tobacco (JAPTOB)	3.300%	9/14/2051	\$400	A2 / A+ /	S//	\$55.6	6.91%	179	179										
Philip Morris Intl Inc (PM)	1.750%	11/1/2030	\$750	A2 / A- / A	S/S/S	\$73.9	6.44%	149	151	58	\$33,250	\$13,703	\$47,893	\$3,492	(\$469)	3.6x	3.4x	\$187,541	13.7x
Philip Morris Intl Inc (PM)	5.750%	11/17/2032	\$1,500	A2 / A- / A	S/S/S	\$95.1	6.47%	155	155										
Philip Morris Intl Inc (PM)	5.375%	2/15/2033	\$2,250	A2 / A- / A	S/S/S	\$92.0	6.53%	161	162										
Philip Morris Intl Inc (PM)	4.250%	11/10/2044	\$1,250	A2 / A- / A	S/S/S	\$70.8	6.91%	166	164										
Altria Group (MO)	3.125%	6/15/2031	\$1,250	A3/BBB/BBB	S/P/S	\$83.8	5.80%	300	302	58	\$20,696	\$12,139	\$27,195	\$874	\$679	2.3x	2.2x	\$101,881	8.4x
Altria Group (MO)	2.450%	2/4/2032	\$1,750	A3/BBB/BBB	S/P/S	\$73.2	6.72%	178	180										
Altria Group (MO)	5.375%	1/31/2044	\$1,800	A3/BBB/BBB	S/P/S	\$82.4	7.02%	158	174										
Altria Group (MO)	3.700%	2/4/2051	\$1,250	A3/BBB/BBB	S/P/S	\$58.6	7.18%	214	205										
British American Tobacco (BATSLN)	2.726%	3/25/2031	\$1,250	Baa2 / BBB+ / BBB	P/N/P	\$75.01	7.12%	226	220	101	£28,227	£13,906	£42,169	£3,681	£2,318	3.0x	2.8x	\$93,360	6.7x
British American Tobacco (BATSLN)	7.750%	10/19/2032	\$600	Baa2 / BBB+ / BBB	P/N/P	\$101.8	7.47%	253	255										
British American Tobacco (BATSLN)	4.742%	3/16/2032	\$900	Baa2 / BBB+ / BBB	P/N/P	\$83.9	7.35%	240	243										
British American Tobacco (BATSLN)	6.421%	8/2/2033	\$1,250	Baa2 / BBB+ / BBB	P/N/P	\$93.1	7.42%	251	250										
British American Tobacco (BATSLN)	5.282%	4/2/2050	\$500	Baa2 / BBB+ / BBB	P/N/P	\$70.4	7.99%	285	284										
British American Tobacco (BATSLN)	3.984%	9/25/2050	\$1,000	Baa2 / BBB+ / BBB	P/N/P	\$57.5	7.77%	264	263										
British American Tobacco (BATSLN)	5.650%	3/16/2052	\$600	Baa2 / BBB+ / BBB	P/N/P	\$73.9	7.99%	289	288										
British American Tobacco (BATSLN)	7.081%	8/2/2053	\$1,000	Baa2 / BBB+ / BBB	P/N/P	\$88.5	8.11%	305	303										
Imperial Brands Fin Plc (IMBLN)	3.875%	7/26/2029	\$1,000	Baa3 / BBB / BBB	S/S/S	\$87.1	6.61%	172	174	91	£7,961	£4,073	£10,249	£596	(£186)	2.5x	2.4x	£26,060	6.4x

Source: BofA Global Research, Bloomberg BofA GLOBAL RESEARCH



Valuation & risk

AutoZone Inc. (AZO)

While AZO represents the industry benchmark in terms of profitability, capital efficiency, and balance sheet consistency, we believe they face incremental challenges with distribution and lower DIFM (do it for me) exposure. Valuation appears fair in both cash and CDS and we would expect returns in line with the market, with little catalyst for spreads to trade materially better or worse. Upside risks: reaccelerating comps, improved supply chain logistics as well as faster than expected uplift from transition to DIFM (incrementally faster growth). Downside risks: challenges with distribution, continued overexposure to DIY segments, tariffs, or a raised leverage/debt issuance profile. On an issuer level, we rate AZO's cash a Marketweight.

General Mills, Inc. (GIS)

General Mills Inc. (GIS) operates a large, diverse portfolio of market-leading and wellknown brands across a wide range of packaged food categories. Credit strengths include GIS's historically conservative management team and capital allocation strategy despite ongoing bolt-on M&A, cost savings opportunities, and commitment to maintaining a balance sheet in-line with BBB+. Upside risks are reaccelerating category growth rates or reduced promotional activity in conjunction with cautious approach to portfolio reshaping. Free cash flow conversion above 95% and working capital benefits create additional cash flexibility to manage shareholder returns and debt maturities. Downside risks are aggressive pricing actions as a result of inflation that decelerates volumes more quickly, any aggressive growth agenda (inorganically) or event risk given lack of takeover defenses, a deceleration in the Pet segment and general issuance needs near term. As a result, we see balanced risk/reward with little room for spread upside or excess return at current levels. On an issuer level, we rate GIS's cash a Marketweight. Our Neutral rating on CDS is reflective of management's disciplined financial policies and commitment to a high-IG ratings offset by the need for portfolio enhancements via acquisition, event risk, and highly competitive categories.

Analyst Certification

I, Brian Callen, CFA, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

Security/Loan pricing

AutoZone Inc. / AZO

	Amt		Ratings			Yield	Spread
Security		Maturity date	Moody's/S&P/Fitch	Price	Price date	(%)	(bps)
3.25, Senior, USD, 2025:B	400	15-APR-2025	Baa1/BBB/BBB	96.29	20-Oct-2023	5.90	70
3.125, Senior, USD, 2026:B	400	21-APR-2026	Baa1/BBB/BBB	93.60	20-Oct-2023	5.92	89
Senior Unsecured, USD, Y5, CDS					21-Oct-2023		55

For pricing information refer to "Other Important Disclosures" below.

B=Bond; L=Loan; CS=Capital Security (Not including Equity Preferred); CDS=Credit Default Swap; EP=Equity Preferred

General Mills, Inc. / GIS

	Amt		Ratings			Yield	Spread
Security		Maturity date	Moody's/S&P/Fitch	Price	Price date	(%)	(bps)
3.65, Senior, USD, 2024:B	500	15-FEB-2024	Baa2/BBB/WD	99.23	20-Oct-2023	6.08	69
4.15, Senior, USD, 2043:B	500	15-FEB-2043	Baa2/BBB/WD	72.97	20-Oct-2023	6.66	137
4.55, Senior, USD, 2038:B	282	17-APR-2038	Baa2/BBB/WD	79.89	20-Oct-2023	6.75	160
4.7, Senior, USD, 2048:B	446	17-APR-2048	Baa2/BBB/WD	79.37	20-Oct-2023	6.38	109
.45. Senior. FUR. 2026:B	600	15-IAN-2026	Baa2/BBB/WD	92.28	20-Oct-2023	4.13	106



General Mills, Inc. / GIS

Amt		Ratings			Yield	Spread
	Maturity date	Moody's/S&P/Fitch	Price	Price date	(%)	(bps)
750	15-APR-2030	Baa2/BBB/WD	82.68	20-Oct-2023	6.16	126
500	14-OCT-2031	Baa2/BBB/NR	75.49	20-Oct-2023	6.19	127
500	15-NOV-2025	Baa2/BBB/NR	92.42	20-Oct-2023	4.02	91
605	01-FEB-2051	Baa2/BBB/NR	57.30	20-Oct-2023	6.30	111
500	18-NOV-2025	Baa2/BBB/NR	98.91	20-Oct-2023	5.80	71
				21-Oct-2023		57
	750 500 500 605	750 15-APR-2030 500 14-OCT-2031 500 15-NOV-2025 605 01-FEB-2051	Maturity date Moody's/S&P/Fitch 750 15-APR-2030 Baa2/BBB/WD 500 14-OCT-2031 Baa2/BBB/NR 500 15-NOV-2025 Baa2/BBB/NR 605 01-FEB-2051 Baa2/BBB/NR	Maturity date Moody's/S&P/Fitch Price 750 15-APR-2030 Baa2/BBB/WD 82.68 500 14-OCT-2031 Baa2/BBB/NR 75.49 500 15-NOV-2025 Baa2/BBB/NR 92.42 605 01-FEB-2051 Baa2/BBB/NR 57.30	Maturity date Moody's/S&P/Fitch Price date 750 15-APR-2030 Baa2/BBB/WD 82.68 20-Oct-2023 500 14-OCT-2031 Baa2/BBB/NR 75.49 20-Oct-2023 500 15-NOV-2025 Baa2/BBB/NR 92.42 20-Oct-2023 605 01-FEB-2051 Baa2/BBB/NR 57.30 20-Oct-2023 500 18-NOV-2025 Baa2/BBB/NR 98.91 20-Oct-2023	Maturity date Moody's/S&P/Fitch Price Price date (%) 750 15-APR-2030 Baa2/BBB/WD 82.68 20-Oct-2023 6.16 500 14-OCT-2031 Baa2/BBB/NR 75.49 20-Oct-2023 6.19 500 15-NOV-2025 Baa2/BBB/NR 92.42 20-Oct-2023 4.02 605 01-FEB-2051 Baa2/BBB/NR 57.30 20-Oct-2023 6.30 500 18-NOV-2025 Baa2/BBB/NR 98.91 20-Oct-2023 5.80

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B=Bond; L=Loan; CS=Capital Security (Not including Equity Preferred); CDS=Credit Default Swap; EP=Equity Preferred

Disclosures

Important Disclosures

Credit opinion history

AutoZone Inc. / AZO

Company	Date ^{R1}	Action	Recommendation	
AutoZone Inc. / AZO	30-Sep-2020		Marketweight	
Security	Date ^{R1}	Action	Recommendation	Price
3.25, Senior, USD, 2025:B	30-Sep-2022		Marketweight	
3.125, Senior, USD, 2026:B	30-Sep-2022		Marketweight	
Senior Unsecured, USD, Y5, CDS	30-Sep-2022		Neutral	

Table reflects credit opinion history as of previous business day's close. First date of recommendation within the last 36 months, if for an issuer or within the last 12 months, if for a security or loan. The investment opinion system is contained at the end of the report under the heading "BofA Global Research Credit Opinion Key."

Pricing information in the table is provided for each action where available. In the case of bonds, loans, capital securities and equity preferreds, the price shown reflects the nominal cash price for the security; and in the case of CDS, the price shown reflects the spread, on the date of the relevant action.

B=Bond; L=Loan; CS=Capital Security (Not including Equity Preferred); EP=Equity Preferred; CDS=Credit Default Swap

General	Milla	Inc	/ GIS
Generai	MIII	ь, іпс.	/ บเว

Company	Date ^{R2}	Action	Recommendation	
General Mills, Inc. / GIS	30-Sep-2020		Marketweight	
	14-May-2021	Restricted	NA	
	17-May-2021	Coverage Resumed	Marketweight	
Security	Date ^{R2}	Action	Recommendation	Price
3.65, Senior, USD, 2024:B	30-Sep-2022		Marketweight	
4.15, Senior, USD, 2043:B	30-Sep-2022		Marketweight	
4.55, Senior, USD, 2038:B	30-Sep-2022		Marketweight	
	21-Dec-2022	Added to iQ Model	Marketweight	90.25
4.7, Senior, USD, 2048:B	30-Sep-2022		Marketweight	
	21-Dec-2022	Added to iQ Model	Marketweight	91.88
.45, Senior, EUR, 2026:B	30-Sep-2022		Marketweight	
	21-Dec-2022	Added to iQ Model	Marketweight	91.40
2.875, Senior, USD, 2030:B	30-Sep-2022		Marketweight	
	21-Dec-2022	Added to iQ Model	Marketweight	87.31
2.25, Senior, USD, 2031:B	30-Sep-2022		Marketweight	
	21-Dec-2022	Added to iQ Model	Marketweight	81.33
.125, Senior, EUR, 2025:B	30-Sep-2022		Marketweight	
	21-Dec-2022	Added to iQ Model	Marketweight	91.03
3, Senior, USD, 2051:B	30-Sep-2022		Marketweight	
	21-Dec-2022	Added to iQ Model	Marketweight	70.37
5.241, Senior, USD, 2025:B	18-Nov-2022	New Issue	Marketweight	
	21-Dec-2022	Added to iQ Model	Marketweight	100.43
Senior Unsecured, USD, Y5:CDS	30-Sep-2022		Neutral	

Table reflects credit opinion history as of previous business day's close. First date of recommendation within the last 36 months, if for an issuer or within the last 12 months, if for a security or loan. The investment opinion system is contained at the end of the report under the heading "BofA Global Research Credit Opinion Key."

Pricing information in the table is provided for each action where available. In the case of bonds, loans, capital securities and equity preferreds, the price shown reflects the nominal cash price for the security; and in the case of CDS, the price shown reflects the spread, on the date of the relevant action.

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BofA Global Research provides recommendations on an issuer's bonds (including corporate and sovereign external debt securities), loans, capital securities, equity preferreds and CDS as described below. Convertible securities are not rated. An issuer level recommendation may also be provided for an issuer as explained below. BofA Global Research credit recommendations are assigned using a three-month time horizon.



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Overweight: Spreads and /or excess returns are likely to outperform the relevant and comparable market over the next three months.

Marketweight: Spreads and/or excess returns are likely to perform in-line with the relevant and comparable market over the next three months.

Underweight: Spreads and/or excess returns are likely to underperform the relevant and comparable market over the next three months.

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Buy Protection: Buy CDS, therefore going short credit risk. **Neutral:** No purchase or sale of CDS is recommended. **Sell Protection:** Sell CDS, therefore going long credit risk.

Corporate Credit Issuer Investment Rating Distribution: Global Group (as of 30 Sep 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R3	Count	Percent
Buy	152	41.19%	Buy	125	82.24%
Hold	177	47.97%	Hold	150	84.75%
Sell	40	10.84%	Sell	29	72.50%

¹⁸⁰ Issuers that were investment banking dients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only corporate credit issuer recommendations. A corporate credit issuer rated Overweight is included as a Buy, a corporate credit issuer rated Marketweight is included as a Hold, and a corporate credit issuer rated Underweight is included as a Sell.

Credit Opinion History Tables for the securities referenced in this research report are available on the Price Charts and Credit Opinion History Tables website, or call 1-800-MERRILL to have them mailed

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