

Consumer & Retail

Fuse burning...

Industry Overview

...but no fireworks yet; Consumer steady, rates rise

Consumer/Retail news was limited last week as many US consumers (and investors) were at the beach celebrating the US 4th of July holiday. In markets, the ICE BofA IG Corporate Bond Index tightened -2bps w/w and produced total returns of -1.28% w/w led by hawkish Fed minutes before the June nonfarm payrolls surprised to the downside (+209k vs. consensus +230k). Non-Cyclicals and Cyclicals spreads were in-line w/w with returns of -1.40% & 1.52% respectively. Rates continued to rally with the 10YR rising +22bps w/w and ending the week at 4.06% given robust economic data. Issuance last week was \$12.8bn with none in Consumer & Retail; we are calling for \$75bn in July and \$10-15bn this week. See link here to our June returns piece, highlighting excess return strength from lower quality/higher beta credits across the sector.

Portfolio reshaping takes focus

In **Retail (-2bps)**, Costco's June comps missed consensus expectations given a -400bps drag on ticket from gas deflation y/y. Within the sub-sectors, food & sundries were steady m/m at +HSD% despite moderating food inflation. Non-food categories fell-LSD% hurt by toys & seasonal, home & sporting goods. In **Packaged Food (-1 bps)**, Mars announced the acquisition of nutritious meal-company Kevin's Natural Foods for a reported near \$800mn, according to Reuters. The acquisition, adding sous-vide meals, sauces & sides, will operate as a standalone company within the Mars Food & Nutrition segment. In Consumer Products (-3bps), Bloomberg reported that Haleon is exploring divesting its Nicotinell brand (nicotine gum, patches, and lozenges) with interest reportedly received from investment firms & consumer companies; the business could be valued at up to \$800mn. In **Tobacco (-5bps)**, JUUL Labs filed a complaint with the US International Trade Commission requesting that it block NJOY ACE sales & imports due to patent infringement. We note that similar prior patent suits have taken up to 2 years for a final decision to be made. Separately, Cronos Group confirmed news reports that it has received unsolicited indications of interest on a potential transaction (current market cap \$774mn). Altria holds a 41% stake in Cronos Group and invested \$1.8bn in the business in December 2018.

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Refer to important disclosures on page 12 to 14.

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10 July 2023

High Grade Credit United States Retailing & Consumer

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Exhibit 1: Market week ended 7/7/23

Last week s market p	Jenomianee
Market	Value
IC ICE DofA Indov	120

market	vaiue	VVOVV
IG ICE BofA Index	128	(2)
IG ICE BofA Index (yld)	5.74	+18
HY ICE BofA Index	463	+3
HY ICE BofA Index (yld)	8.76	+20
CDX IG 5yr	70	+4
CDX HY Syr	453	+23
Consumer Cyclicals	90	(2)
Consumer Non-Cyclicals	104	(2)
5yr Treasury (yld)	4.36	+20
10yr Treasury (yld)	4.06	+22
30yr Treasury (yld)	4.05	+18
S&P 500 (index)	4,399	-1.2%

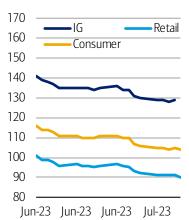
Source: ICE Data Indices, LLC, Bloomberg

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14/-14/

Exhibit 2: Consumer/Retail Spreads

1mo spreads range-bound



Source: ICE Data Indices, LLC, Bloomberg

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m/m: month over month

HSD: high single digit

LSD: low single digit

Exhibit 3: Notable Weekly Movers

Kohl's gained the most last week

			Activ	e Cash Tradin	ıg			Active	e CDS	
	Issuer		Chg (G- spread	i)	Issuer		Chg (G- spread)	Entity	5у	Chg
RIFP	2.750%	10/1/2050	+8	KSS	4.625%	5/1/2031	-17	Kohl's	598	4
CAG	5.400%	11/1/2048	+5	KSS	5.550%	7/17/2045	-15	Best Buy	89	2
RKTLN	3.000%	6/26/2027	+5	TAP	3.000%	7/15/2026	-15	McDonald's	36	2
RIFP	1.625%	4/1/2031	+5	DLTR	4.200%	5/15/2028	-11	AutoZone	46	-1
SVELEV	1.800%	2/10/2031	+4	HAS	3.900%	11/19/2029	-11	Target	45	-2
Source: ICE [Data Indices, LLC, Blo	omberg						-		
		-						1	RofA GLORAL	REC

Exhibit 4: Upcoming Consumer/Retail Events Calendar

2-week calendar of events, subject to change

		July 2023	•	
Mon, Jul-10	Tue, Jul-11	Wed, Jul-12	Thu, Jul-13	Fri, Jul-14
			CAG 4Q23 earnings PEP 2Q23 earnings	
Mon, Jul-17	Tue, Jul-18	Wed, Jul-19	Thu, Jul-20	Fri, Jul-21
		HAS 2Q23 earnings	KVUE 2Q23 earnings GPC 2Q23 earnings PM 2Q23 earnings	TSCO 2Q23 earnings

Source: Company filings, Bloomberg

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Notable Consumer & Retail credit news

Consumer Products

According to *Bloomberg*, **Haleon (HLNLN, Baa1/BBB/--)** is reportedly exploring divesting its Nicotinell brand (nicotine gum, patches, and lozenges) as it looks to offload its non-core businesses. Interest has reportedly been received from both investment firms and consumer companies and the business could be worth up to \$800mn. Deliberations are ongoing and no final decision regarding a sale has been made.

<u>Tobacco</u>

According to *Reuters*, Canadian cannabis producer Cronos Group Inc (CRON) is exploring options including a potential sale of the company. CRON is working with a financial advisor and has reportedly received acquisition interest from companies including Curaleaf Holdings. Discussions are ongoing and no transaction is certain. **Altria (MO, A3/BBB/BBB)** holds a 41% stake in Cronos and invested \$1.8bn in the company in December 2018.

Recent New Issuance

There was no USD issuance in Consumer & Retail last week



BofA Current Recommendations

Exhibit 9: 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	√					
McCormick & Co	MKC	\checkmark					
Campbell Soup Co.	СРВ	√				\checkmark	
Sysco Corp.	SYY	\checkmark					
Keurig Dr. Pepper	KDP	\checkmark					
Kohl's	KSS		\checkmark		$\sqrt{}$		
Lowe's	LOW	\checkmark				\checkmark	
Tyson Foods	TSN		\checkmark			$\sqrt{}$	
Conagra Brands	CAG		\checkmark			\checkmark	
Kellogg	K		$\sqrt{}$				
Kraft Heinz	KHC	\checkmark					$\sqrt{}$
General Mills Inc.	GIS		\checkmark			\checkmark	
AutoZone	AZO		$\sqrt{}$			\checkmark	
Kroger	KR*		\checkmark				\checkmark
Nordstrom	JWN		\checkmark				$\sqrt{}$
Dollar General Corp.	DG		\checkmark				
Mondelez International	MDLZ		\checkmark				$\sqrt{}$
Mondelez Int'l Holdings Netherlands	MDLZ		\checkmark				
J.M. Smucker	SJM		\checkmark				
The Coca-Cola Company	КО		\checkmark				
The Hershey Co.	HSY		\checkmark			\checkmark	

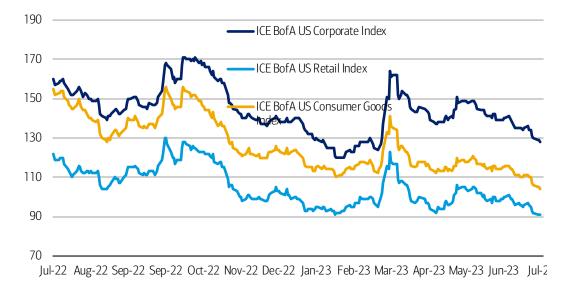
Source: BofA Global Research; Notes (*): Overweight KR intermediates

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Market Snapshot

Exhibit 6: BofA HG Index vs. Consumer/Retail Sectors

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



Source: ICE Data indices, LLC

Consumer & Retail | 10 July 2023

Exhibit 11: ICE Data Indices Investment Grade Index

				Spre	eads (O	AS)							To	tal Ret	urns			Ex	cess Re	turns	
	Num of	% of		•	,					Modified	Average										
	Issues	Index	OAS	1 week	MTD	QTD	YTD	Price	YTW	Duration	Rating	1 week	MTD	QTD	YTD	12 month	1 week	MTD	QTD	YTD	12 month
US Corporate Index	10,020	100.0%	128 bps	-2 bps	-2 bps	-2 bps	-10 bps	\$89.4	5.74%	6.8	A3	-1.28%	-1.28%	-1.28%	1.91%	0.21%	10 bps	10 bps	10 bps	178 bps	440 bps
Rating Categories																					
AAA US Corporate Index	115	1.1%	51 bps	0 bps	0 bps	0 bps	-7 bps	\$85.6	4.89%	9.5	AAA	-1.89%	-1.89%	-1.89%	1.62%	-2.82%	1 bps	1 bps	1 bps	153 bps	339 bps
AA US Corporate Index	779	8.1%	69 bps	-2 bps	-2 bps	-2 bps	-8 bps	\$88.1	5.14%	7.7	AA3	-1.42%	-1.42%	-1.42%	1.45%	-1.52%	11 bps	11 bps	11 bps	130 bps	341 bps
Single-A US Corporate Index	4,040	43.3%	109 bps	-1 bps	-1 bps	-1 bps	-5 bps	\$89.9	5.56%	6.8	A2	-1.31%	-1.31%	-1.31%	1.53%	-0.63%	5 bps	5 bps	5 bps	143 bps	348 bps
BBB US Corporate Index	5,086	47.4%	158 bps	-3 bps	-3 bps	-3 bps	-14 bps	\$89.2	6.03%	6.7	BBB2	-1.21%	-1.21%	-1.21%	2.32%	1.30%	14 bps	14 bps	14 bps	217 bps	539 bps
Maturity	_																				
1-3 Year US Corporate Index	2,018	22.4%	82 bps	-4 bps	-4 bps	-4 bps	-6 bps	\$95.4	5.87%	1.9	А3	-0.03%	-0.03%	-0.03%	1.54%	1.67%	7 bps	7 bps	7 bps	64 bps	151 bps
3-5 Year US Corporate Index	1,770	18.8%	113 bps	1 bps	1 bps	1 bps	-7 bps	\$93.0	5.72%	3.6	А3	-0.62%	-0.62%	-0.62%	1.43%	0.98%	-5 bps	-5 bps	-5 bps	133 bps	297 bps
5-7 Year US Corporate Index	1,163	12.0%	132 bps	-2 bps	-2 bps	-2 bps	-16 bps	\$90.2	5.62%	5.3	А3	-1.07%	-1.07%	-1.07%	1.59%	0.81%	6 bps	6 bps	6 bps	182 bps	400 bps
7-10 Year US Corporate Index	1,476	15.0%	161 bps	-2 bps	-2 bps	-2 bps	-11 bps	\$87.6	5.75%	6.9	А3	-1.59%	-1.59%	-1.59%	1.91%	0.13%	4 bps	4 bps	4 bps	222 bps	497 bps
10-15 Year US Corporate Index	545	5.0%	168 bps	-2 bps	-2 bps	-2 bps	-10 bps	\$96.9	5.79%	8.8	А3	-1.93%	-1.93%	-1.93%	1.91%	-0.38%	17 bps	17 bps	17 bps	218 bps	561 bps
15+ Year US Corporate Index	3,048	26.8%	150 bps	-2 bps	-2 bps	-2 bps	-10 bps	\$82.1	5.70%	13.5	А3	-2.57%	-2.57%	-2.57%	2.41%	-1.81%	23 bps	23 bps	23 bps	248 bps	683 bps
Industry																					
US Corporate Index	='																				
Industrials	5,960	59.1%	120 bps	-2 bps	-2 bps	-2 bps	-13 bps	\$88.9	5.60%	7.6	А3	-1.42%	-1.42%	-1.42%	2.11%	0.25%	12 bps	12 bps	12 bps	202 bps	498 bps
Consumer Cyclicals	355	3.7%	90 bps	-2 bps	-2 bps	-2 bps	-9 bps	\$88.4	5.29%	7.8	A2	-1.52%	-1.52%	-1.52%	1.57%	-1.08%	8 bps	8 bps	8 bps	149 bps	400 bps
US Corp Retail	267	3.0%	85 bps	-2 bps	-2 bps	-2 bps	-9 bps	\$88.4	5.25%	7.8	A2	-1.52%	-1.52%	-1.52%	1.53%	-1.37%	7 bps	7 bps	7 bps	146 bps	379 bps
US Corp Food & Drug Retail	44	0.3%	137 bps	-2 bps	-2 bps	-2 bps	-4 bps	\$86.2	5.79%	7.6	BBB2	-1.40%	-1.40%	-1.40%	1.54%	-0.05%	16 bps	16 bps	16 bps	136 bps	431 bps
US Corp Restaurants	44	0.4%	89 bps	-2 bps	-2 bps	-2 bps	-11 bps	\$90.1	5.28%	8.1	BBB1	-1.59%	-1.59%	-1.59%	1.81%	-0.14%	7 bps	7 bps	7 bps	171 bps	497 bps
Consumer Non-Cyclicals	591	5.7%	104 bps	-2 bps	-2 bps	-2 bps	-19 bps	\$90.0	5.44%	7.4	А3	-1.40%	-1.40%	-1.40%	2.34%	1.31%	13 bps	13 bps	13 bps	224 bps	602 bps
US Corp Beverage	165	1.9%	85 bps	-1 bps	-1 bps	-1 bps	-21 bps	\$90.5	5.19%	8.7	А3	-1.74%	-1.74%	-1.74%	2.55%	0.67%	8 bps	8 bps	8 bps	257 bps	639 bps
US Corp Food Wholesale	227	1.9%	107 bps	-1 bps	-1 bps	-1 bps	-14 bps	\$89.5	5.48%	7.1	BBB1	-1.37%	-1.37%	-1.37%	1.72%	0.43%	8 bps	8 bps	8 bps	160 bps	486 bps
US Corp Tobacco	75	1.0%	152 bps	-5 bps	-5 bps	-5 bps	-31 bps	\$89.4	5.99%	6.6	BBB1	-1.00%	-1.00%	-1.00%	3.35%	5.50%	33 bps	33 bps	33 bps	309 bps	942 bps
US Corp Consumer Products	124	0.9%	83 bps	-3 bps	-3 bps	-3 bps	-13 bps	\$90.7	5.24%	6.5	A2	-1.19%	-1.19%	-1.19%	1.94%	0.07%	13 bps	13 bps	13 bps	186 bps	401 bps
Source: ICE Data Indicos III C			•	-	•	•	-										-	-	-		•

Source: ICE Data Indices, LLC



Exhibit 12: 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 Issue Spread
06/06/2023	BACARD	BACARDI	Baa3/BBB-	\$400	5.250%	01/15/2029	3preau 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					5.450%		177
	DG	DOLLAR GENERAL	Baa2/BBB	\$1,000		07/05/2033	
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
05/01/2023	HSY	HERSHEY	A1/A	\$350	4.250%	05/04/2028	67
05/01/2023	HSY	HERSHEY	A1/A	\$400	4.500%	05/04/2033	97
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
03/29/2023	ADM	ARCHER-DANIELS-MIDLAND	A2/A	\$500	4.500%	08/15/2033	105
03/28/2023	LOW	LOWE'S	Baa1/BBB+	\$1000	4.800%	04/01/2026	95
03/28/2023	LOW	LOWE'S	Baa 1/BBB+				160
				\$1000	5.150%	07/01/2033	
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
03/08/2023	KVUE	KENVUE	A1/A	\$1250	4.900%	03/22/2033	95
03/08/2023	KVUE	KENVUE	A1/A	\$750	5.100%	03/22/2043	100
03/08/2023	KVUE	KENVUE	A1/A	\$1500	5.050%	03/22/2053	120
03/08/2023	KVUE	KENVUE	A1/A	\$750	5.200%	03/22/2063	135
03/07/2023	NESNVX	NESTLE HOLDINGS	Aa3/AA-	\$1000	5.250%	03/13/2026	55
03/07/2023	NESNVX	NESTLE HOLDINGS	Aa3/AA-	\$850	5.000%	03/14/2028	70
03/07/2023	NESNVX	NESTLE HOLDINGS	Aa3/AA-	\$500	4.950%	03/14/2030	80
03/07/2023	NESNVX	NESTLE HOLDINGS	Aa3/AA-	\$650	4.850%	03/14/2033	90
03/06/2023	AAP	ADVANCE AUTO PARTS	Baa2/BBB-	\$300	5.900%	03/09/2026	130
03/06/2023	AAP	ADVANCE AUTO PARTS	Baa2/BBB-	\$300	5.950%	03/09/2028	170
02/27/2023	CL	COLGATE-PALMOLIVE	Aa3/AA-	\$500	4.800%	03/01/2026	33
02/27/2023	CL	COLGATE-PALMOLIVE	Aa3/AA-	\$500	4.600%	03/01/2028	45
	CL				4.600%		70
02/27/2023 02/23/2023	K	COLGATE-PALMOLIVE KELLOGG	Aa3/AA- Raa2/RRR	\$500 \$400	5.250%	03/01/2033	140
		KELLOGG WHIRI DOOL	Baa2/BBB				
02/14/2023	WHR	WHIRLPOOL	Baa1/BBB	\$300	5.500%	03/01/2033	175
02/13/2023	KMB	KIMBERLY CLARK	A2/A	\$350	4.500%	02/16/2033	80
02/13/2023	PM	PHILIP MORRIS INTERNATIONAL	A2/A-	\$1500	5.375%	02/15/2033	170
02/13/2023	PM	PHILIP MORRIS INTERNATIONAL	A2/A-	\$1500	5.125%	02/15/2030	145
02/13/2023	PM	PHILIP MORRIS INTERNATIONAL	A2/A-	\$1000	4.875%	02/15/2028	110
02/13/2023	PM	PHILIP MORRIS INTERNATIONAL	A2/A-	\$1250	4.875%	02/13/2026	80
02/13/2023	PEP	PEPSICO	A1/A+	\$500	4.550%	02/13/2026	35
02/13/2023	PEP	PEPSICO	A1/A+	\$650	4.450%	02/15/2028	55
02/13/2023	PEP	PEPSICO	A1/A+	\$1000	4.450%	02/15/2033	75
02/13/2023	PEP	PEPSICO	A1/A+	\$500	4.650%	02/15/2053	88
02/07/2023	SBUX	STARBUCKS	Baa1/BBB+	\$1000	4.750%	02/15/2026	68
02/07/2023	SBUX	STARBUCKS	Baa1/BBB+	\$500	4.800%	02/15/2033	115
01/30/2023	STZ	CONSTELLATION BRANDS	Baa3/BBB	\$500	5.000%	02/02/2026	110
01/23/2023	AZO	AUTOZONE	Baa1/BBB	\$450	4.500%	02/01/2028	90
01/23/2023	AZO	AUTOZONE	Baa1/BBB	\$550	4.750%	02/01/2033	123
01/23/2023	PG PG	PROCTER & GAMBLE	Aa3/AA-	\$650	4.100%	01/26/2026	23
01/23/2023							35
01/23/2023	PG	PROCTER & GAMBLE PROCTER & GAMBLE	Aa3/AA- Aa3/AA-	\$600 \$850	3.950% 4.050%	01/26/2028 01/26/2033	53

Source: BofA Global Research, Bloomberg Data excludes FRN



Consumer & Retail | 10 July 2023

														Credit M	etrics		
	(Outstanding	Ratings			iurrent F	ricing		5-yr	LTM				Total Debt/			EV /
Issuer	Coupon Maturity	(\$mil)	Mdy/S&P/Fit	Outlook	Bid	YTW	G-spd 1	Γ-spd	CDS Revenue	EBITDAR	Debt	Cash	FCF	EBITDAR	EBITDAR	EV	EBITDAF
Walmart Inc (WMT)	4.100% 4/15/2033	\$1,500	Aa2/AA/AA	S/S/S	\$95.3	4.70%	66	63	33 \$622,02	1 \$38,940	\$63,867	\$10,575	\$5,438	1.6x	1.4x	\$477,136	5 11.8
Walmart Inc (WMT)	4.500% 4/15/2053	\$1,500	Aa2/AA/AA	S/S/S	\$94.1	4.88%	82	83									
Costco Wholesale Corp (COST)	1.600% 4/20/2030	\$1,750	Aa3 / A+ /	S/S/	\$82.0	4.73%	54	48	41 \$233,37	1 \$10,379	\$9,004	\$12,493	\$3,506	0.9x	-0.3x	\$229,372	22.9x
Costco Wholesale Corp (COST)	1.750% 4/20/2032	\$1,000	Aa3 / A+ /	S/S/	\$79.0	4.69%	60	56									
Nike Inc (NKE)	2.850% 3/27/2030	\$1,500	A1/AA-/	S/S/	\$89.0	4.78%	59	52	72 \$50,62	5 \$7,674	\$12,566	\$6,955	(\$2,759)	2.0x	1.1x	\$163,483	3 23.1x
Nike Inc (NKE)	3.375% 3/27/2050	\$1,500	A1/AA-/	S/S/	\$77.6	4.89%	75	77									
Target Corp (TGT)	4.500% 9/15/2032	\$1,000	A2/A/A	S/S/S	\$96.0	5.05%	98	93	45 \$109,27	2 \$6,902	\$18,831	\$1,321	(\$1,423)	2.7x	2.5x	\$78,002	2 13.3x
Target Corp (TGT)	4.400% 1/15/2033	\$500	A2/A/A	S/S/S	\$95.2	5.05%	99	95									
Target Corp (TGT)	2.950% 1/15/2052	\$1,000	A2/A/A	S/S/S	\$67.8	5.11%	101	103									
Target Corp (TGT)	4.800% 1/15/2053	\$1,150	A2/A/A	S/S/S	\$92.5	5.30%	124	125									
TJX Companies Inc (TJX)	1.600% 5/15/2031	\$500	A2/A/	S/S/	\$79.7	4.74%	57	54	42 \$50,31	2 \$9,767	\$3,360	\$5,025	\$751	1.3x	0.8x	\$103,439) 13.2x
TJX Companies Inc (TJX)	4.500% 4/15/2050	\$385	A2/A/	S/S/	\$90.5	5.16%	101	104									
Ralph Lauren Corp (RL)	2.950% 6/15/2030	\$750	A3/A-/	S/S/	\$86.9	5.22%	103	98	\$6,44	4 \$925	\$2,882	\$1,529	(\$493)	3.1x	1.5x	\$9,691	7.0x
VF Corp (VFC)	2.950% 4/23/2030	\$750	Baa2 / BBB /	S/S/	\$81.3	6.38%	216	213	137 \$11,613	2 \$1,114	\$8,151	\$815	(\$1,527)	7.3x	6.6x	\$14,651	9.0x
Ross Stores Inc (ROST)	1.875% 4/15/2031	\$500	A2/BBB+/	S/S/	\$77.5	5.47%	131	128	\$18,85	7 \$3,268	\$5,732	\$4,416	\$403	1.8x	0.4x	\$38,477	7 13.6x
Amazon.com Inc (AMZN)	2.100% 5/12/2031	\$3,000	A1/AA/AA-	S/S/S	\$82.7	4.78%	67	59	45 \$524,89			\$49,343	(\$22,893)	2.3x	1.6x 9	\$1,397,748	3 15.0x
Amazon.com Inc (AMZN)	3.600% 4/13/2032	\$2,500	A1/AA/AA-	S/S/S	\$91.6	4.79%	70	65									
Amazon.com Inc (AMZN)	3.100% 5/12/2051	\$3,250	A1/AA/AA-	S/S/S	\$71.6	5.00%	90	91									
Amazon.com Inc (AMZN)	3.950% 4/13/2052	\$2,500	A1/AA/AA-	S/S/S	\$83.8	5.02%	95	95									
Best Buy Co Inc (BBY)	1.950% 10/1/2030	\$650	A3/BBB+/	S/S/	\$79.1	5.50%	133	127	89 \$45,11	3 \$3,576	\$3,923	\$1,030	\$544	1.1x	0.8x	\$20,308	3 5.7x
Home Depot Inc (HD)	4.500% 9/15/2032	\$1,250	A2/A/A	S/S/S	\$97.0	4.91%	84	79	30 \$155,75	2 \$27,882	\$49,428	\$1,260	(\$1,826)	1.9x	1.8x	\$357,814	13.1x
Home Depot Inc (HD)	4.950% 9/15/2052	\$1,000	A2/A/A	S/S/S	\$95.8	5.23%	116	116					, , ,				
Lowe's Companies Inc (LOW)	5.000% 4/15/2033	\$1,250	Baa1 / BBB+ /	S/S/	\$97.3	5.36%	132	128	45 \$95,74	7 \$15,449	\$40,528	\$3,373	(\$8,652)	2.6x	2.4x	\$169,912	2 10.8x
Lowe's Companies Inc (LOW)	5.625% 4/15/2053	\$1,500	Baa1 / BBB+ /	S/S/	\$97.1	5.83%	177	178									
Tractor Supply (TSCO)	1.750% 11/1/2030	\$650	Baa1 / BBB+ /	S/S/	\$77.7	5.50%	134	128	\$14,48	\$2,232	\$4,704	\$190	(\$482)	2.1x	2.0x	\$28,517	7 13.0x
AutoZone Inc (AZO)	1.650% 1/15/2031	\$600	Baa1 / BBB / BBB	S/S/S	\$76.8	5.45%	129	124	45 \$17,11	5 \$4,323	\$7,340	\$275	(\$1,162)	2.3x	2.3x	\$55,418	3 12.3x
AutoZone Inc (AZO)	4.750% 8/1/2032	\$750	Baa1 / BBB / BBB	S/S/S	\$94.7	5.49%	141	137									
AutoZone Inc (AZO)	4.750% 2/1/2033	\$550	Baa1 / BBB / BBB	S/S/S	\$94.1	5.55%	150	146									
O' Reilly Automotive (ORLY)	1.750% 3/15/2031	\$500	Baa1 / BBB /	S/S/	\$77.6	5.34%	117	114	\$14,82	2 \$3,807	\$7,158	\$60	(\$1,054)	2.0x	1.9x	\$65,337	7 16.1x
O' Reilly Automotive (ORLY)	4.700% 6/15/2032	\$850	Baa1 / BBB /	S/S/	\$94.7	5.46%	138	133									
Genuine Parts Co. (GPC)	2.750% 2/1/2032	\$500	Baa1 / BBB /	S/S/	\$80.7	5.62%	154	147	\$22,56	5 \$2,359	\$4,229	\$651	\$169	2.4x	2.1x	\$27,056	5 12.4x
Advance Auto Parts (AAP)	3.900% 4/15/2030	\$500	Baa2 / BBB- /	N/N/	\$85.4	6.61%	241	236	\$11,19	3 \$1,538	\$4,627	\$226	(\$638)	3.0x	2.8x	\$8,063	7.8x
Advance Auto Parts (AAP)	3.500% 3/15/2032	\$501	Baa2 / BBB- /	N/N/	\$78.5	6.83%	266	268									
Dollar General Corp (DG)	5.000% 11/1/2032	\$700	Baa2 / BBB /	S/S/	\$95.3	5.65%	159	155	\$38,43	5 \$5,752	\$17,990	\$313	(\$2,415)	3.1x	3.1x	\$54,709	9 11.9x
Dollar General Corp (DG)	5.500% 11/1/2052	\$300	Baa2 / BBB /	S/S/	\$93.7	5.95%	186	189									
Dollar Tree Inc (DLTR)	2.650% 12/1/2031	\$800	Baa2 / BBB /	S/S/	\$80.5	5.59%	147	143	\$28,75	3 \$4,075	\$10,149	\$873	(\$284)	2.5x	2.3x	\$41,172	9.2x
Dollar Tree Inc (DLTR)	3.375% 12/1/2051	\$400	Baa2 / BBB /	S/S/	\$65.3	5.91%	181	183									
Tapestry Inc (TPR)	3.050% 3/15/2032	\$500	Baa2 / BBB /	S/S/	\$78.6	6.29%	218	215	\$6,66	5 \$1,653	\$3,293	\$637	(\$485)	2.0x	1.6x	\$12,725	5.6x
PVH Corp. (PVH)	4.625% 7/10/2025	\$499	Baa3 / BBB- /	S/S/	\$96.6	6.49%	152	154	\$9,05	\$1,455	\$3,788	\$374	(\$354)	2.6x	2.4x	\$8,841	5.7x
Dick's Sporting Goods (DKS)	3.150% 1/15/2032	\$750	Baa3 / BBB /	S/S/		6.09%	197	194	\$12,51	\$1,790	\$4,205	\$1,643	(\$64)	2.3x	1.4x	\$14,020) 5.2x
Dick's Sporting Goods (DKS)	4.100% 1/15/2052	\$750	Baa3 / BBB /	S/S/	\$67.6	6.65%	256	257									
Nordstrom Inc (JWN)	4.250% 8/1/2031	\$425	Ba1/BB+/BB+	N/N/S	\$77.0	8.21%	408	403	230 \$15,14	1 \$1,494	\$4,512	\$581	\$143	3.0x	2.6x	\$7,043	3 4.8x
Nordstrom Inc (JWN)	5.000% 1/15/2044	\$966	Ba1/BB+/BB+	N/N/S	\$68.3	8.23%	399	397									
Kohl's Corporation (KSS)	4.625% 5/1/2031	\$500	Ba3 / BB / BBB-	N/N/N	\$69.5	10.43%	620	624	230 \$17,95	4 \$1,323	\$8,061	\$286	(\$889)	6.1x	5.9x	\$10,396	8.3x
Kohl's Corporation (KSS)	5.550% 7/17/2045	\$427	Ba3 / BB / BBB-	N/N/N	\$59.3	10.25%	596	602									

Source: BofA Global Research, Bloomberg





Exhibit 14: Restaurant, Food & Drug Retail Historical Spread & Return Monitor Benchmark spreads and credit metrics by issuer

															Credit M	letrics	
	(Outstandin	g Ratings	Cı	urrent F	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	EBITDAR	Debt	Cash	FCF	EBITDAR	EBITDAR	EV	EBITDAR
Starbucks Corp (SBUX)	2.250% 3/12/2030	\$750	Baa1 / BBB+ / WDS / S /	\$83.6	5.19%	100	93		\$33,998	\$8,095	\$24,509	\$3,451	\$93	3.0>	2.6x	\$133,762	14.8x
Starbucks Corp (SBUX)	2.550%11/15/2030	\$1,250	Baa1 / BBB+ / WDS / S /	\$84.1	5.17%	101	95										
Starbucks Corp (SBUX)	3.000% 2/14/2032	\$1,000	Baa1 / BBB+ / WDS / S /	\$85.4	5.12%	102	97										
Starbucks Corp (SBUX)	4.800% 2/15/2033	\$500	Baa1 / BBB+ / S / S /	\$97.1	5.19%	113	110										
Starbucks Corp (SBUX)	3.350% 3/12/2050	\$500	Baa1 / BBB+ / WDS / S /	\$70.8	5.44%	130	132										
Starbucks Corp (SBUX)	3.500%11/15/2050	\$1,250	Baa1 / BBB+ / WDS / S /	\$73.3	5.38%	126	127										
McDonald's Corp (MCD)	3.600% 7/1/2030	\$1,000	Baa1 / BBB+ / S / S /	\$91.8	5.00%	82	76	34	\$23,415	\$14,096	\$48,726	\$3,708	(\$1,286)	3.5>	3.3x	\$261,246	17.3x
McDonald's Corp (MCD)	4.600% 9/9/2032	\$750	Baa1 / BBB+ / S / S /	\$97.3	4.96%	89	85										
McDonald's Corp (MCD)	4.200% 4/1/2050	\$750	Baa1 / BBB+ / S / S /	\$83.4	5.38%	124	126										
McDonald's Corp (MCD)	5.150% 9/9/2052	\$750	Baa1 / BBB+ / S / S /	\$96.4	5.40%	132	133										
Kroger Co (KR)	1.700% 1/15/2031	\$500	Baa1 / BBB / N / N /	\$77.3	5.42%	127	120	69	\$148,824	\$8,474	\$20,450	\$2,632	\$1,679	2.4>	2.1x	\$54,216	6.2x
Kroger Co (KR)	5.400% 1/15/2049	\$600	Baa1 / BBB / N / N /	\$95.3	5.75%	158	160										
Kroger Co (KR)	3.950% 1/15/2050	\$750	Baa1 / BBB / N / N /	\$77.5	5.59%	145	147										
7-Eleven Inc. (SVELEV)	1.800% 2/10/2031	\$1,700	Baa2/A/ S/S/	\$77.6	5.44%	130	123							-			
7-Eleven Inc. (SVELEV)	2.800% 2/10/2051	\$1,250	Baa2 / A / S / S /	\$61.5	5.54%	144	144										
Alimentation Couche-Tard (ATDB	3CN) 2.950% 1/25/2030	\$750	Baa1 / BBB / S / S /	\$85.0	5.74%	153	156		\$71,857	\$5,766	\$9,466	\$834	(\$229)	1.6>	1.5x	\$56,683	10.1x
Alimentation Couche-Tard (ATDB	3CN) 3.625% 5/13/2051	\$350	Baa1 / BBB / S / S /	\$64.5	6.36%	225	226										
Darden Restaurant Inc (DRI)	3.850% 5/1/2027	\$500	Baa2/BBB/BBBS/S/S	\$95.2	5.25%	78	71	58	\$10,322	\$4,075	\$8,692	\$275	(\$248)	3.1>	2.9x	\$24,163	15.0x
Darden Restaurant Inc (DRI)	4.550% 2/15/2048	\$300	Baa2/BBB/BBBS/S/S	\$83.4	5.83%	166	166										
Albertson Cos Inc (ACI)	4.875% 2/15/2030	\$1,000	Ba3 *+/BB *+//	\$90.8	6.63%	238	236	127	\$77,650	\$4,114	\$15,036	\$456	(\$3,537)	3.7>	3.5x	\$28,980	5.5x

Source: BofA Global Research, Bloomberg

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

																	Credit Me	trics	
			Outstanding	Ratings		0	urrent P	ricing		5-yr		LTM			Net	Total Debt/	Net Debt/		EV /
								G-											
Issuer	Coupon	Maturity	(\$mil)	Mdy/S&P/Fit	Outlook	Bid	YTW	spd 1		CDS	Revenue	EBITDA	Debt	Cash	FCF	EBITDA	EBITDA	EV	EBITDA
Procter & Gamble (PG)	1.950%	4/23/2031	\$1,000	Aa3 / AA- /	S/S/	\$83.9	4.42%	28	23	34	\$80,968	\$20,919	\$36,591	\$7,596	(\$4,309)	1.7x	1.4x	\$382,288	17.6x
Procter & Gamble (PG)	2.300%	2/1/2032	\$850	Aa3 / AA- /	S/S/	\$85.4	4.37%	26	22										
Procter & Gamble (PG)	3.600%	3/25/2050	\$491	Aa3 / AA- /	S/S/	\$82.7	4.75%	60	63										
Colgate-Palmolive Co (CL)	3.250%	8/15/2032	\$500	Aa3 / AA- /	S/N/	\$90.3	4.56%	47	44	35	\$18,338	\$4,232	\$8,907	\$867	(\$252)	2.3x	2.1x	\$71,201	16.8x
Colgate-Palmolive Co (CL)	4.600%	3/1/2033	\$500	Aa3 / AA- /	S/N/	\$100.0	4.60%	56	52										
Colgate-Palmolive Co (CL)	3.700%	8/1/2047	\$500	Aa3 / AA- /	S/N/	\$85.3	4.73%	53	55										
Unilever Capital Corp (UNANA)	1.750%	8/12/2031	\$850	A1 / A+ / Au	S/S/S	\$79.3	4.89%	75	71	22	\$60,073	\$10,350	\$29,386	\$4,326	(\$284)	2.8x	2.4x	\$143,639	12.7x
Unilever Capital Corp (UNANA)	2.625%	8/12/2051	\$650	A1 / A+ / Au	S/S/S	\$65.7	4.88%	76	79										
Kimberly-Clark Corp (KMB)	2.000%	11/2/2031	\$600	A2/A/	S/N/	\$81.4	4.74%	62	58	52	\$20,275	\$3,529	\$8,481	\$524	\$730	2.4x	2.3x	\$54,028	15.4x
Kimberly-Clark Corp (KMB)	4.500%	2/16/2033	\$350	A2/A/	S/N/	\$98.0	4.76%	70	68										
Kimberly-Clark Corp (KMB)	2.875%	2/7/2050	\$500	A2/A/	S/N/	\$69.9	4.91%	76	79										
SC Johnson & Son Inc (SCJOHN)	4.750%	10/15/2046	\$850	A / A- /	N/N/	\$88.5	5.65%	143	145										
Estee Lauder Co Inc (EL)	1.950%	3/15/2031	\$600	A1 / A+ /	S/N/	\$81.2	4.93%	77	73		\$15,873	\$2,688	\$7,371	\$5,531	(\$418)	3.1x	1.3x	\$73,827	20.3x
Estee Lauder Co Inc (EL)	3.125%	12/1/2049	\$650	A1/A+/	S/N/	\$71.2	5.13%	97	100										
Kenvue (KVUE)	5.000%	3/22/2030	\$1,000	A1/A/	S/S/	\$99.2	5.15%	81	89		\$14,950	\$3,606	\$8,955	\$1,231	-	2.5x	2.1x	-	-
Kenvue (KVUE)	4.900%	3/22/2033	\$1,250	A1/A/	S/S/	\$99.4	4.98%	93	90										
Kenvue (KVUE)	5.050%	3/22/2053	\$1,500	A1/A/	S/S/	\$98.5	5.15%	106	110										
Reckitt Benckiser TSY (RKTLN)	3.000%	6/26/2027	\$2,500	A3 / A- /	S/S/	\$93.1	4.95%	50	53		£13,234	£3,239	£9,637	£1,259	£1,258	3.0x	2.6x	£53,852	16.6x
Clorox Company (CLX)	1.800%	5/15/2030	\$500	Baa1 / BBB+ /	S/S/	\$80.7	5.19%	100	94	69	\$7,171	\$1,037	\$2,702	\$242	\$275	2.8x	2.6x	\$22,514	16.3x
Clorox Company (CLX)	4.600%	5/1/2032	\$600	Baa1 / BBB+ /	S/S/	\$96.1	5.16%	106	103										
Church & Dwight Co Inc (CHD)	2.300%	12/15/2031	\$400	A3 / BBB+ /	S/S/	\$81.2	5.06%	93	90		\$5,508	\$1,254	\$2,419	\$203	\$659	2.0x	1.9x	\$26,547	17.7x
Church & Dwight Co Inc (CHD)	5.600%	11/15/2032	\$500	A3 / BBB+ /	S/S/	\$103.7	5.09%	101	97										
Church & Dwight Co Inc (CHD)	3.950%	8/1/2047	\$400	A3 / BBB+ /	S/S/	\$80.4	5.42%	121	124										
Church & Dwight Co Inc (CHD)	5.000%	6/15/2052	\$500	A3 / BBB+ /	S/S/	\$95.4	5.32%	123	125										
Whirlpool Corp (WHR)	2.400%	5/15/2031	\$300	Baa1 / BBB / BBB	S/N/N	\$79.9	5.59%	143	140	141	\$19,453	\$1,600	\$7,691	\$1,359	(\$90)	5.3x	5.2x	\$15,459	7.4x
Whirlpool Corp (WHR)	4.700%	5/14/2032	\$300	Baa1 / BBB / BBB	S/N/N	\$93.6	5.62%	151	149										
Whirlpool Corp (WHR)	5.500%	3/1/2033	\$300	Baa1 / BBB / BBB	S/N/N	\$98.0	5.77%	172	169										
Whirlpool Corp (WHR)	4.600%	5/15/2050	\$500	Baa1 / BBB / BBB	S/N/N	\$80.4	6.09%	194	197										
Haleon Plc (HLNLN)	3.625%	3/24/2032	\$1,998	Baa1 / BBB /	S//	\$88.2	5.34%	125	120		£9,545	£2,413	£9,782	£405	£25	4.1x	3.9x	\$38,551	16.0x
Haleon Plc (HLNLN)	4.000%	3/24/2052	\$1,000	Baa1 / BBB /	S / /	\$79.9	5.38%	127	131										
Hasbro Inc (HAS)	3.900%	11/19/2029	\$900	Baa2 / BBB / BBB-	S/S/S	\$90.2	5.76%	154	148	147	\$5,695	\$1,080	\$3,926	\$386	(\$380)	3.7x	3.4x	\$12,685	7.7x
Hasbro Inc (HAS)	5.100%	5/15/2044	\$300	Baa2 / BBB / BBB-	S/S/S	\$87.4	6.18%	193	193										
Brunswick Corp (BC)	2.400%	8/18/2031	\$550	Baa2 / BBB- / BBB			6.24%	211	207	230	\$6,860	\$1,187	\$2,635	\$388	(\$361)	2.2x	1.9x	\$8,307	5.7x
Brunswick Corp (BC)	4.400%	9/15/2032	\$450	Baa2 / BBB- / BBB			6.52%	243	241						. ,				
Brunswick Corp (BC)	5.100%	4/1/2052	\$300	Baa2 / BBB- / BBB		\$72.9	7.38%	327	331										
Newell Brands Inc (NWL)	4.700%	4/1/2026	\$2,000	Ba1 / BB+ / BB	N/N/N		7.59%	279	286	481	\$8,876	\$1,226	\$6,010	\$271	(\$1,294)	4.9x	4.7x	\$9,644	9.1x
Newell Brands Inc (NWL)	6.625%	9/15/2029	\$500	Ba1 / BB+ / BB	N/N/N		7.73%	346	344						. ,,				
Newell Brands Inc (NWL)	6.000%	4/1/2046	\$666	Ba1/BB+/BB	N/N/N	\$76.0	8.38%	411	417										
Mattel Inc (MAT)	3.750%	4/1/2029	\$600	Baa3 / BBB- / BB+			6.44%	217	212	287	\$5,208	\$661	\$2,672	\$462	\$256	4.0x	3.3x	\$9,635	7.8x

Source: BofA Global Research, Bloomberg BofA GLOBAL RESEARCH



Exhibit 16: Packaged Food Spread & Return Monitor Benchmark spread and credit metrics by issuer



																Credit	Metrics	
															Total	Net		
			Outstanding	Ratings		Curre	nt Pricing	5-	yr	1	LTM			Net	Debt/	Debt/		ΕV
							G-	T-										
Issuer	Coupon	Maturity	(\$mil)	Mdy/S&P/Fit	Outlook	Bid Y	TW spo	spd CI	OS Reve	nue El	BITDA	Debt	Cash	FCF	EBITDA E	BITDA	EV	EBI
lestle Holdings Inc. (NESNVX)	4.850% 3	3/14/2033	\$650	Aa3 / AA- / A+	S/S/S	\$100.4 4.	.79% 7	70	30 CHF 9	94,780 CH	HF 15,867	CHF 53,501	CHF 5,511	(CHF 11,485)	3.4x	3.0x	\$329,416	
lestle Holdings Inc. (NESNVX)	4.700%	1/15/2053	\$1,000	Aa3 / AA- / A+	S/S/S	\$96.3 4.	.94% 8	3 88										
Hershey Company (HSY)	1.700%	6/1/2030	\$350	A1/A/	S/S/	\$81.7 4.	.86% 6	61	45 \$1	10,741	\$2,914	\$4,703	\$460	\$678	1.8x	1.6x	\$54,096) 1
Hershey Company (HSY)	2.650%	6/1/2050	\$350	A1/A/	S/S/	\$64.8 5.	.06% 9	94										
Mars Inc. (MARS)	1.625%	7/16/2032	\$700	A1 / A+ /	S/S/	\$75.8 5.	.00% 9	2 88										
Mars Inc. (MARS)	2.450% 7	7/16/2050	\$400	A1/A+/	S/S/	\$60.5 5.	.18% 10	5 107										
Hormel Foods (HRL)	1.800% 6	6/11/2030	\$1,000	A1 / A- /	S/S/	\$81.6 4.	.97% 7	2 73	\$1	12,386	\$1,521	\$3,421	\$580	\$298	2.2x	1.9x	\$24,267	1
Hormel Foods (HRL)	3.050%	6/3/2051	\$600	A1 / A- /	S/S/	\$68.1 5.	.24% 11	114										
Archer-Daniels-Midland Co (ADM)	4.500% 8	8/15/2033	\$500	A2/A/A	S/S/S	\$96.2 4.	.98% 9	91	65 \$10	02,270	\$3,306	\$10,288	\$899	(\$190)	3.1x	2.8x	\$53,822	! 1
Archer-Daniels-Midland Co (ADM)	2.700%	9/15/2051	\$750	A2/A/A	S/S/S	\$64.8 5.	.06% 9	97										
Cargill Inc (CARGIL)	4.000% 6	6/22/2032	\$650	A2 / A / A	S/S/S	\$91.5 5.	.20% 11	2 108	68									
Cargill Inc (CARGIL)	4.375%	4/22/2052	\$500	A2 / A / A	S/S/S	\$87.0 5.	.26% 11	5 118										
Danone SA (BNFP)	0.395% 6	6/10/2029	\$800	Baa1 / BBB+ /	S/S/	\$82.5 3.	.74% 10	2 106	49 \$2	27,661	\$4,787	\$14,799	\$1,051	\$853	3.1x	2.9x	\$47,524	1
Mondelez International Holdings Netherlands BV (MIHN)	1.250%	9/24/2026	\$350	A3 / BBB /	S/S/	\$87.7 5.	.49% 9	3 96										
Mondelez International (MDLZ)	3.000% 3	3/17/2032	\$750	Baa1 / BBB /	S/S/	\$84.9 5.	.19% 10	7 104	52 \$3	32,885	\$6,275	\$22,202	\$1,917	(\$750)	3.8x	3.5x	\$119,648	3 1
Mondelez International (MDLZ)	2.625%	9/4/2050	\$1,125	Baa1 / BBB / WD	S/S/	\$62.1 5.	.26% 11	115										
ngredion Inc (INGR)	2.900%	6/1/2030	\$600	Baa1 / BBB / BBB	S/S/S	\$85.8 5.	.40% 12	115	9	\$8,191	\$1,077	\$2,639	\$216	(\$384)	2.5x	2.4x	\$9,601	
ngredion Inc (INGR)	3.900%	6/1/2050	\$400	Baa1 / BBB / BBB	S/S/S	\$72.2 5.	.99% 18	5 188										
Sysco Corporation (SYY)	2.450% 1	12/14/2031	\$450	Baa1 / BBB / BBB	S/S/S	\$80.4 5.	.38% 12	1 122	64 \$7	75,554	\$3,696	\$11,710	\$758	\$349	3.2x	3.0x	\$48,829) 1
Sysco Corporation (SYY)	3.150% 1	12/14/2051	\$800	Baa1 / BBB / BBB	S/S/S	\$66.4 5.	.50% 14	142										
AcCormick & Co (MKC)	4.950%	4/15/2033	\$500	Baa2 / BBB /	S/N/	\$96.5 5.	.42% 14	134	9	\$6,394	\$1,269	\$5,206	\$357	\$38	4.1x	3.9x	\$27,325	2
McCormick & Co (MKC)	4.200% 8	8/15/2047	\$300	Baa2 / BBB /	S/N/	\$80.9 5.	.66% 14	7 148										
General Mills Inc (GIS)	4.950% 3	3/29/2033	\$1,000	Baa2 / BBB /	S/S/	\$97.5 5.	.28% 12	3 120	44 \$1	19,955	\$4,109	\$11,587	\$619	\$23	2.9x	2.8x	\$55,753	1
General Mills Inc (GIS)	3.000%	2/1/2051	\$605	Baa2 / BBB /	S/S/	\$67.8 5.	.22% 10	112										
Kellogg Co (K)	5.250%	3/1/2033	\$400	Baa2 / BBB /	S/N/	\$98.0 5.	.52% 14	5 143	69 \$1	15,696	\$2,421	\$7,387	\$347	\$501	3.3x	3.1x	\$30,490) 1
Kellogg Co (K)	4.500%	4/1/2046	\$650	Baa2 / BBB / WD	S/N/	\$84.5 5.	.73% 14	5 152										
Flowers Foods Inc (FLO)	2.400% 3	3/15/2031	\$500	Baa2 / BBB / BBB	S/S/S	\$80.4 5.	.57% 14	137	9	\$4,904	\$571	\$1,175	\$28	(\$29)	2.1x	2.0x	\$6,469) 1
M Smucker Co (SJM)	2.125% 3	3/15/2032	\$500	Baa2 / BBB /	P/P/	\$78.1 5.	.30% 11	3 116	9	\$8,328	\$1,537	\$4,408	\$104	(\$53)	2.8x	2.7x	\$18,282	! 1
M Smucker Co (SJM)	3.550% 3	3/15/2050	\$300	Baa2 / BBB /	P/P/	\$70.5 5.	.72% 15	7 160										
Tyson Foods Inc (TSN)	4.350%	3/1/2029	\$1,000	Baa2 / BBB+ / BBB	S/N/S	\$94.4 5.	.51% 12	1 119	67 \$5	53,625	\$3,559	\$8,930	\$543	(\$1,068)	2.5x	2.4x	\$26,803	
Tyson Foods Inc (TSN)	5.100%	9/28/2048	\$1,500	Baa2 / BBB+ / BBB	S/N/S	\$87.9 6.	.04% 18	7 189										
Campbell Soup Co (CPB)	2.375%	4/24/2030	\$500	Baa2 / BBB / BBB	P/S/S	\$83.0 5.	.40% 11	115	61 5	\$9,177	\$1,748	\$4,570	\$158	\$286	2.8x	2.7x	\$18,565	1
Campbell Soup Co (CPB)	3.125%	4/24/2050	\$500	Baa2 / BBB / BBB	P/S/S	\$66.9 5.	.50% 13	7 139										
Conagra Brands Inc (CAG)	7.000%	10/1/2028	\$382	Baa3 / BBB- / BBB	- S/N/S	\$105.9 5.	.68% 13	3 133	52 \$1	12,214	\$2,517	\$9,256	\$71	(\$2)	3.8x	3.8x	\$25,378	1
Conagra Brands Inc (CAG)	5.400%	11/1/2048	\$1,000	Baa3 / BBB- / BBB	- S/N/S	\$91.8 6.	.04% 18	7 189										
BS USA (JBSSBZ)	3.000%	5/15/2032	\$1,000	Baa3 / BBB- / BBB	- S/S/S	\$76.3 6.	.58% 24	245	R\$ 37	70,669 F	R\$ 26,569	R\$ 101,338	R\$ 8,965	-R\$ 6,955	3.8x	3.5x	R\$ 134,659)
BS USA (JBSSBZ)	6.500%	12/1/2052	\$1,550	Baa3 / BBB- / BBB	- S/S/S	\$92.6 7.	.10% 30	304										
mithfield Foods Inc (SFD)	2.625%	9/13/2031	\$500	Ba1 / BBB- / BBB	P/S/S	\$72.7 7.	.08% 29	5 291	52									
raft Heinz Foods Co (KHC)	3.750%	4/1/2030	\$741	Baa2 / BBB / BBB	S/P/S	\$91.13 5.	.34% 11	108	58 \$2	26,929	\$6,141	\$20,105	\$827	(\$856)	3.3x	3.1x	\$63,328	
raft Heinz Foods Co (KHC)	4.375%	6/1/2046	\$2,786	Baa2 / BBB / BBB	S/P/S	\$82.30 5.	.78% 15	7 157										
raft Heinz Foods Co (KHC)	4.875%	10/1/2049	\$1,450	Baa2 / BBB / BBB	S/P/S	\$88.45 5.	.73% 16	160										
Pilgrim's Pride (PPC)	6.250%	7/1/2033	\$1,000	Ba3 / BBB- / BBB-	S/S/S	\$95.8 6.	.84% 27	2 276	 \$1	17,394	\$1,205	\$3,596	\$151	(\$17)	3.0x	2.9x	\$8,596	;
Pilgrim's Pride (PPC)	3.500%	3/1/2032	\$889	Ba3 / BBB- / BBB-	5/5/5	\$78.3 6.	88% 27	274										

Source: BofA Global Research, Bloomberg

Exhibit 17: Beverages Historical Spread & Return Monitor Benchmark spread and credit metrics by issuer

																	Credit M	etrics	
			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
The Coca-Cola Co. (KO)	1.375%	3/15/2031	\$1,300	A1/A+/Au	S/S/S	\$78.8	4.71%	55	50	52	\$43,503	\$15,359	\$42,400	\$12,004	\$2,098	2.8x	1.8>	\$288,284	4 21.5x
The Coca-Cola Co. (KO)	2.250%	1/5/2032	\$2,000	A1/A+/Au	S/S/S	\$83.3	4.66%	55	51										
The Coca-Cola Co. (KO)	3.000%	3/5/2051	\$1,700	A1/A+/Au	S/S/S	\$72.8	4.79%	67	69										
Coca-Cola European Partners (CCEP)	1.500%	1/15/2027	\$500	Baa1 / / BBB+	S//S	\$87.8	5.35%	84	77		\$17,320	\$2,902	\$11,907	\$1,387	\$1,539	4.1x	3.6>	\$37,240) 11.1x
PepsiCo Inc (PEP)	1.950%	10/21/2031	\$1,250	A1/A+/	S/S/	\$81.1	4.73%	60	57	52	\$88,038	\$16,076	\$41,767	\$5,204	(\$2,280)	3.0x	2.7>	\$291,583	3 18.2x
PepsiCo Inc (PEP)	4.450%	2/15/2033	\$1,000	A1/A+/	S/S/	\$98.1	4.69%	63	61										
PepsiCo Inc (PEP)	2.750%	10/21/2051	\$1,000	A1/A+/	S/S/	\$68.5	4.80%	68	71										
PepsiCo Inc (PEP)	4.650%	2/15/2053	\$500	A1/A+/	S/S/	\$96.0	4.91%	81	85										
Brown-Forman Corp (BFB)	4.500%	7/15/2045	\$500	A1/A-/WD	S/S/	\$90.5	5.23%	100	101		\$4,148	\$1,343	\$3,028	\$428	\$94	2.3x	2.0	\$34,491	1 25.2x
Brown-Forman Corp (BFB)	4.750%	4/15/2033	\$650	A1/A-/	S/S/	\$99.2	4.86%	84	78										
Diageo Investment Corp (DGELN)	2.000%	4/29/2030	\$1,000	A3 / A- / A-u	S//	\$82.9	5.00%	79	75	30	£16,915	£7,073	£18,316	£2,766	-£2,050	2.6x	2.2>	£77,061	1 10.9x
Diageo Investment Corp (DGELN)	5.500%	1/24/2033	\$750	A3 / A- / A-u	S/S/S	\$103.5	5.02%	97	91										
Diageo Investment Corp (DGELN)	3.875%	4/29/2043	\$500	A3 / A- / A-u	S/S/S	\$82.1	5.35%	106	108										
Anheuser-Busch InBev Fin (ABIBB)	4.900%	1/23/2031	\$750	A3 / A- / WD	S/P/	\$99.6	4.96%	79	75	60	\$57,786	\$19,842	\$79,686	\$9,973	\$5,408	4.0x	3.5>	\$192,870	9.7x
Anheuser-Busch InBev Fin (ABIBB)	4.500%	6/1/2050	\$1,567	A3 / A- / WD	S/P/	\$88.6	5.30%	117	118										
Heineken NV (HEIANA)	1.750%	3/17/2031	\$750	A3/BBB+/	S/S/	\$86.3	3.85%	122	125	30	€ 28,694	€ 6,444	€ 19,780	€ 2,765	€ 1,151	3.1x	2.6	€ 70,263	3 11.1x
Heineken NV (HEIANA)	4.350%	3/29/2047	\$650	A3/BBB+/	S/S/	\$83.6	5.61%	142	144										
Pernod Ricard SA (RIFP)	1.625%	4/1/2031	\$900	Baa1 / BBB+ / BB	B+S/S/S	\$77.3	5.24%	109	104	100	€ 11,858	€3,845	€ 10,797	€ 1,805	(€ 334)	2.8x	2.3>	€ 60,264	4 15.8x
Pernod Ricard SA (RIFP)	2.750%	10/1/2050	\$500	Baa1 / BBB+ / BB	B+S/S/S	\$62.3	5.41%	126	131										
Suntory Holdings LTD (SUNTOR)	6.625%	7/15/2028	\$184	Baa1 / BBB+ / WI	D S/S/	\$103.9	5.73%	145	137		¥2,659	¥400	¥1,468	¥302	¥95	3.7x	2.9>	(
JAB Holdings BV (JABHOL)	1.000%	7/14/2031	\$500	Baa1 / BBB+ /	S/S/	\$76.6	4.55%	192	196								-		
JAB Holdings BV (JABHOL)	3.750%	5/28/2051	\$500	Baa1 / BBB+ /	S/S/	\$65.3	6.45%	233	237										
JAB Holdings BV (JABHOL)	4.500%	4/8/2052	\$500	Baa1 / BBB+ /	S/S/	\$74.8	6.43%	233	238										
Keurig Dr Pepper (KDP)	2.250%	3/15/2031	\$500	Baa1 / BBB /	S/S/	\$81.0	5.29%	113	109		\$14,332	\$4,041	\$12,376	\$204	\$464	3.1x	3.0	\$57,963	3 15.5x
Keurig Dr Pepper (KDP)	4.050%	4/15/2032	\$850	Baa1 / BBB /	S/S/	\$91.0	5.35%	122	121										
Keurig Dr Pepper (KDP)	3.350%	3/15/2051	\$500	Baa2 / BBB /	S/S/	\$69.3	5.53%	141	144										
Keurig Dr Pepper (KDP)	4.500%	4/15/2052	\$1,150	Baa2 / BBB /	S/S/	\$85.0	5.55%	148	148										
Constellation Brands Inc (STZ)	2.250%	8/1/2031	\$1,000	Baa3 / BBB /	S/S/	\$79.9	5.36%	122	118	96	\$9,453	\$3,295	\$12,461	\$134	(\$524)	3.6x	3.6	\$58,717	7 15.8x
Constellation Brands Inc (STZ)	4.750%	5/9/2032	\$700	Baa3 / BBB /	S/S/	\$95.5	5.40%	130	126										
Constellation Brands Inc (STZ)	3.750%	5/1/2050	\$600	Baa3 / BBB /	S/S/	\$75.0	5.55%	142	144										
Molson Coors Brewing Co (TAP)	3.000%	7/15/2026	\$2,000	Baa3 / BBB- / WI) S/S/	\$93.5	5.36%	80	70	87	\$10,833	\$2,104	\$6,590	\$328	\$640	3.2x	3.1>	\$20,860	0 8.4x
Molson Coors Brewing Co (TAP)	4.200%	7/15/2046	\$1,800	Baa3 / BBB- / WI	S/S/	\$79.8	5.81%	159	160										
Bacardi LTD (BACARD)	4.700%	5/15/2028	\$800	Baa3 / BBB- / BBI	B-S/S/S	\$96.2	5.60%	128	131								-	-	
Bacardi LTD (BACARD)	5.300%	5/15/2048	\$700	Baa3 / BBB- / BBI	B-S/S/S	\$91.4	5.97%	180	183										
JDE Peet's NV (JDEPNA)	2.250%	9/24/2031	\$500	Baa3 / BBB- / BB	BS/S/S	\$76.3	5.95%	182	185		€ 8,151	€ 1,366	€ 4,967	€ 967	€ 522	3.6x	2.9>	€ 17,513	3 11.3x

Source: BofA Global Research, Bloomberg BofA GLOBAL RESEARCH





Exhibit 18: Tobacco Historical Return & Spread Monitor Benchmark spread and credit metrics by issuer

															Credit Metrics	
		Outstanding	g Ratings		Current F	Pricing	3	5-yr		LTM			Net	Total Debt/	Net Debt/	EV /
						G-	T-									
Issuer	Coupon Maturity	(\$mil)	Mdy/S&P/Fit	Outlook	Bid YTW	spd	spd	CDS	Revenue	EBITDA	Debt	Cash	FCF	EBITDA	EBITDA EV	EBITDA
Japan Tobacco (JAPTOB)	2.250% 9/14/2031	\$625	A2/A+/	S//	\$79.2 5.44%	131	126		¥2,741,605	¥868,627 ¥	1,018,639	¥665,152¥	4136,212	1.2x	0.4x ¥329,41	6 0.4x
Japan Tobacco (JAPTOB)	3.300% 9/14/2051	\$400	A2/A+/	S//	\$61.1 6.26%	209	217									
Philip Morris Intl Inc (PM)	1.750% 11/1/2030	\$750	A2/A-/A	S/S/S	\$77.8 5.49%	129	127	52	\$32,115	\$13,428	\$47,121	\$2,428	(\$244)	3.7x	3.5x \$198,52	4 14.8x
Philip Morris Intl Inc (PM)	5.750% 11/17/203	2 \$1,500	A2/A-/A	S/S/S	\$100.5 5.68%	159	156									
Philip Morris Intl Inc (PM)	5.375% 2/15/2033	\$2,250	A2/A-/A	S/S/S	\$98.0 5.65%	159	156									
Philip Morris Intl Inc (PM)	4.250% 11/10/204	4 \$1,250	A2/A-/A	S/S/S	\$80.4 5.88%	162	163									
Altria Group (MO)	3.125% 6/15/2031	\$1,250	A3/BBB/BBB	S/P/S	\$84.7 5.56%	294	297	52	\$20,632	\$12,291	\$25,387	\$3,913	\$64	2.1x	1.8x \$103,21	6 8.4x
Altria Group (MO)	2.450% 2/4/2032	\$1,750	A3/BBB/BBB	S/P/S	\$76.5 6.00%	188	185									
Altria Group (MO)	5.375% 1/31/2044	\$1,800	A3/BBB/BBB	S/P/S	\$89.8 6.27%	194	201									
Altria Group (MO)	3.700% 2/4/2051	\$1,250	A3/BBB/BBB	S/P/S	\$64.6 6.47%	233	237									
British American Tobacco (BATSLN)	2.726% 3/25/2031	\$1,250	Baa2 / BBB+ / BBB	BuS/N/S	\$78.63 6.27%	210	207	100	£26,378	£12,470	£44,875	£3,568	£3,339	3.6x	3.3x \$96,86	3 7.8x
British American Tobacco (BATSLN)	7.750% 10/19/203	2 \$600	Baa2 / BBB+ / BBB	BuS/N/S	\$108.3 6.52%	242	240									
British American Tobacco (BATSLN)	4.742% 3/16/2032	\$900	Baa2/BBB+/BBB	BuS/N/S	\$89.6 6.31%	219	217									
British American Tobacco (BATSLN)	5.282% 4/2/2050	\$500	Baa2 / BBB+ / BBB	BuS/N/S	\$79.1 7.02%	282	290									
British American Tobacco (BATSLN)	3.984% 9/25/2050	\$1,000	Baa2/BBB+/BBB	BuS/N/S	\$65.4 6.79%	266	268									
British American Tobacco (BATSLN)	5.650% 3/16/2052	\$600	Baa2/BBB+/BBB	BuS/N/S	\$84.0 6.94%	283	287									
Imperial Brands Fin Plc (IMBLN)	3.875% 7/26/2029	\$1,000	Baa3 / BBB / BBB	S/S/S	\$88.3 6.24%	201	203	100	£7,961	£4,070	£10,249	£596	(£186)	2.5x	2.4x £26,46	8 6.5x

Source: BofA Global Research, Bloomberg BofA GLOBAL RESEARCH

Disclosures

Important Disclosures

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