BofA IG Healthcare Weekly

Vital Signs

Industry Overview

Healthcare highlights: HUM, SNN, AZN, COR, MRK, ELV

Humana issued \$1.25 billion 5.375% notes due 2031 and \$1.00 billion 5.750% notes due 2054. Smith & Nephew issued \$350 million 5.150% notes due 2027 and \$650 million 5.400% notes due 2034. AstraZeneca announced the acquisition of Amolyt Pharma for \$800 million upfront with an additional contingent payment of \$250 million upon achievement of a specified regulatory milestone. The deal bolsters AstraZeneca's rare disease late-stage pipeline and expands on its bone metabolism franchise, with an expected close by the end of the third quarter of 2024. Cencora announced that Steven H. Collis will retire as President and Chief Executive Officer, effective October 1, 2024. Robert P. Mauch, current Chief Operating Officer of Cencora, will succeed Collis as President and CEO. Merck announced the close of its acquisition of Harpoon Therapeutics. Elevance announced the close of its acquisition of Paragon Healthcare.

Earnings Scorecard update

All IG healthcare companies have now reported, 78% have beat EPS estimates, 20% have missed, and 2% have met. From a sales standpoint, 78% beat estimates and 22% missed. 74% of companies issued guidance, 13% affirmed, 11% raised, and 2% lowered.

Healthcare underperformed the IG Index last week

The ICE BofA IG Healthcare index underperformed the ICE BofA IG index, at -1.08% versus -0.79% on a total-return basis. Healthcare Services led other subsectors, with a total return of -0.78%. In Europe, Healthcare underperformed the ICE BofA EMU index, at -0.17% versus -0.01%.

YTD, Healthcare underperformed on total return

YTD, IG Healthcare has underperformed the ICE BofA IG index, at a total return of -1.72% versus -0.98%, and on an excess-return basis, IG Healthcare has underperformed, at 79 bps versus the index at 93 bps. IG Healthcare OAS was +79 bps versus the US Corp index at +94 bps. On a total-return basis, Healthcare Facilities performed the best within the IG Healthcare subsectors, at -0.79%; Healthcare Services ranked second, at -1.39%; Managed Care was the biggest laggard, at -2.19%.

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High Grade Credit United States Healthcare

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Abbreviations

HUM Humana
SNN Smith & Nephew
AZN AstraZeneca
COR Cencora
MRK Merck
ELV Elevance

OAS Option-adjusted spread

YTD Year to date

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Refer to important disclosures on page 9 to 11.

Returns Summary

Exhibit 1: Healthcare & Corporate Indices Returns Summary

The ICE BofA IG Healthcare index underperformed the ICE BofA IG index, at -1.08% versus -0.79% on a total-return basis.

		T	otal Returi	ns			E	xcess Retui	ฑร	
	1 week	MTD	QTD	YTD	12 month	1 week	MTD	QTD	YTD	12 month
US Corp Master	-0.79%	0.27%	-0.98%	-0.98%	5.75%	44 bps	46 bps	93 bps	93 bps	585 bps
Healthcare Index	-1.08%	0.24%	-1.72%	-1.72%	4.42%	47 bps	53 bps	79 bps	79 bps	562 bps
Pharmaceuticals	-1.10%	0.25%	-1.86%	-1.86%	4.07%	44 bps	54 bps	64 bps	64 bps	531 bps
Medical Products	-0.97%	0.18%	-1.65%	-1.65%	4.84%	37 bps	36 bps	47 bps	47 bps	499 bps
Managed Care	-1.03%	0.18%	-2.19%	-2.19%	4.47%	56 bps	49 bps	43 bps	43 bps	583 bps
Healthcare Services	-0.78%	0.35%	-1.39%	-1.39%	5.09%	51 bps	52 bps	59 bps	59 bps	533 bps
Healthcare Facilities	-1.44%	0.26%	-0.79%	-0.79%	4.88%	50 bps	72 bps	245 bps	245 bps	749 bps
Sterling Corporate Securities Index	0.05%	0.98%	-0.69%	-0.69%	6.57%	40 bps	60 bps	161 bps	161 bps	639 bps
Sterling Healthcare	-0.21%	0.94%	-2.63%	-2.63%	4.57%	35 bps	48 bps	36 bps	36 bps	514 bps
EMU Corp	-0.01%	0.54%	-0.27%	-0.27%	7.09%	43 bps	54 bps	145 bps	145 bps	470 bps
Euro Healthcare	-0.17%	0.55%	-0.95%	-0.95%	5.99%	39 bps	57 bps	108 bps	108 bps	371 bps

Source: ICE Data Indices, LLC BofA GLOBAL RESEARCH

Source: ICE Data Indices, LLC

Exhibit 2: Healthcare Index StatisticsIG Healthcare OAS was +79 bps versus the US Corp index at +94 bps.

	Rating	# of Issues	% of Index	Avg Issue Size	Yield to Worst	OAS	Effective Duration	Spread Duration
US Corp Master	A3	10309	100.00%	797	5.48%	94 bps	6.6	6.6
Healthcare Index	A3	881	9.59%	894	5.28%	79 bps	8.3	8.2
Pharmaceuticals	A2	328	4.83%	1210	5.19%	71 bps	8.2	8.2
Medical Products	BBB1	121	1.06%	717	5.21%	76 bps	7.1	7.1
Managed Care	A3	152	1.69%	913	5.33%	85 bps	8.5	8.4
Healthcare Services	BBB2	71	0.88%	1018	5.44%	94 bps	6.9	6.9
Healthcare Facilities	A3	209	1.13%	445	5.48%	96 bps	10.4	10.3
Sterling Corporate Securities Index	A3	967	100.00%	404	5.47%	111 bps	6.3	6.3
Sterling Healthcare	A2	15	2.03%	528	4.83%	57 bps	8.2	8.1
EMU Corp	A3	4226	100.00%	689	3.85%	110 bps	4.5	4.6
Euro Healthcare	A3	210	5.21%	722	3.56%	94 bps	5.4	5.5



M&A YTD

Exhibit 3: 2024 Mergers and Acquisitions \$30.7 bn of M&A has been announced YTD

Announce				
Date	Acquirer	Target	Total Value	Close
1/8/2024	Johnson & Johnson	Ambrx Biopharma, Inc.	\$1,900	3/07/2024
1/8/2024	Merck	Harpoon Therapuetics	\$680	3/11/2024
1/8/2024	Boston Scientific	Axonics, Inc.	\$3,700	1H'24
1/9/2024	GSK plc	Aiolos Bio, Inc.	\$1,000	2/15/2024
1/22/2024	Sandoz	Coherus BioSciences	\$170	3/04/2024
1/23/2024	Sanofi	Inhibrx, Inc.	\$1,700	2Q'24
1/31/2024	Cardinal Health	Specialty Networks	\$1,200	
2/5/2024	Novo Nordisk	Catalent Fill Finish Sites	\$11,000	Year-end 2024
2/5/2024	Merck	Aqua Business of Elanco Animal Health Inc.	\$1,300	Mid-year 2024
2/5/2024	Novartis	MorphoSys AG	\$2,900	1H'24
2/12/2024	Gilead	CymaBay Therapeutics	\$4,300	1Q'24
3/14/2024	AstraZeneca	Amolyt Pharma	\$800	3Q'24
Total			\$30,650	

Source: Bloomberg, company reports

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Amount USD

Issue

Issuance YTD

Exhibit 4: 2024 IG Healthcare New Issuance

\$65.1 bn of new issuance has been announced YTD

Issue Date	e Ticker	Company	Coupon	Maturity	Spread	(mm)
2/5/2024	BDX	Becton Dickinson	4.874	2/8/2029	75	\$625
2/5/2024	BDX	Becton Dickinson	3.519	2/8/2031		\$817
2/5/2024	BDX	Becton Dickinson	5.110	2/8/2034	95	\$550
2/5/2024	CI	Cigna	5.000	5/15/2029	90	\$1,000
2/5/2024	CI	Cigna	5.125	5/15/2031	100	\$750
2/5/2024	CI	Cigna	5.250	2/15/2034	110	\$1,250
2/5/2024	CI	Cigna	5.600	2/15/2054	125	\$1,500
2/5/2024	COR	Cencora	5.125	2/15/2034	98	\$500
2/7/2024	LLY	Eli Lilly	4.500	2/9/2027	30	\$1,000
2/7/2024	LLY	Eli Lilly	4.500	2/9/2029	45	\$1,000
2/7/2024	LLY	Eli Lilly	4.700	2/9/2034	60	\$1,500
2/7/2024	LLY	Eli Lilly	5.000	2/9/2054	70	\$1,500
2/7/2024	LLY	Eli Lilly	5.100	2/9/2064	77	\$1,500
2/14/2024	BMY	Bristol Myers	FRN	2/20/2026		\$500
2/14/2024	BMY	Bristol Myers	4.950	2/20/2026	40	\$1,000
2/14/2024	BMY	Bristol Myers	4.900	2/22/2027	55	\$1,000
2/14/2024	BMY	Bristol Myers	4.900	2/22/2029	70	\$1,750
2/14/2024	BMY	Bristol Myers	5.100	2/22/2031	85	\$1,250
2/14/2024	BMY	Bristol Myers	5.200	2/22/2034	95	\$2,500
2/14/2024	BMY	Bristol Myers	5.500	2/22/2044	100	\$500
2/14/2024	BMY	Bristol Myers	5.550	2/22/2054	115	\$2,750
2/14/2024	BMY	Bristol Myers	5.650	2/22/2064	125	\$1,750
2/14/2024	CAH	Cardinal Health	5.125	2/15/2029	90	\$650
2/14/2024	CAH	Cardinal Health	5.450	2/15/2034	120	\$500
2/21/2024	AZN	AstraZeneca	4.800	2/26/2027	42	\$1,250
2/21/2024	AZN	AstraZeneca	4.850	2/26/2029	57	\$1,250
2/21/2024	AZN	AstraZeneca	4.900	2/26/2031	62	\$1,000
2/21/2024	AZN	AstraZeneca	5.000	2/26/2034	72	\$1,500
2/22/2024	BSX	Boston Scientific	3.375	3/8/2029		\$817
2/22/2024	BSX	Boston Scientific	3.500	3/8/2032		\$1,361
2/22/2024	ABBV	AbbVie	4.800	3/15/2027	35	\$2,250
2/22/2024	ABBV	AbbVie	4.800	3/15/2029	50	\$2,500
2/22/2024	ABBV	AbbVie	4.950	3/15/2031	60	\$2,000
2/22/2024	ABBV	AbbVie	5.050	3/15/2034	75	\$3,000
2/22/2024	ABBV	AbbVie	5.350	3/15/2044	75	\$750
2/22/2024	ABBV	AbbVie	5.400	3/15/2054	95	\$3,000
2/22/2024	ABBV	AbbVie	5.500	3/15/2064	105	\$1,500
2/23/2024	SOLV	Solventum	5.450	2/25/2027	100	\$1,000



Exhibit 4: 2024 IG Healthcare New Issuance \$65.1 bn of new issuance has been announced YTD

Issue Date Tic	cker Company	Coupon	Maturity	Issue Spread	Amount USD (mm)
2/23/2024 SO	LV Solventum	5.400	3/1/2029	115	\$1,500
2/23/2024 SO	LV Solventum	5.450	3/13/2031	120	\$1,000
2/23/2024 SO	LV Solventum	5.600	3/23/2034	135	\$1,650
2/23/2024 SO	LV Solventum	5.900	4/30/2054	155	\$1,250
2/23/2024 SO	LV Solventum	6.000	5/15/2064	165	\$500
2/27/2024 TM	10 Thermo Fisher	1.653	3/7/2028		\$374
2/27/2024 TM	10 Thermo Fisher	1.840	3/8/2032		\$470
2/27/2024 TM	10 Thermo Fisher	2.038	3/7/2036		\$368
3/4/2024 RO	SW Roche	4.790	3/8/2029	58	\$875
3/4/2024 RO	SW Roche	4.909	3/8/2031	68	\$750
3/4/2024 RO	SW Roche	4.985	3/8/2034	77	\$1,250
3/4/2024 RO	SW Roche	5.218	3/8/2054	87	\$1,000
3/11/2024 HU	IM Humana	5.375	4/15/2031	127	\$1,250
3/11/2024 HU	IM Humana	5.750	4/15/2054	147	\$1,000
3/13/2024 SN	N Smith & Nephew	5.150	3/20/2027	80	\$350
3/13/2024 SN	N Smith & Nephew	5.400	3/20/2034	125	\$650

Source: Bloomberg, company reports

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2024 Debt Maturities

Exhibit 5: 2024 Maturities

\$53.0 bn of bonds mature in 2024

			Amount
Company	Coupon	Maturity	Outstanding USD
Danaher Corp	1.700%	3/30/2024	\$980
Gilead Sciences Inc	3.700%	4/1/2024	\$1,750
Quest Diagnostics Inc	4.250%	4/1/2024	\$300
Sanofi SA	0.625%	4/5/2024	\$653
Novartis AG	3.400%	5/6/2024	\$2,150
AstraZeneca PLC	0.750%	5/12/2024	\$980
Bristol-Myers Squibb Co	3.625%	5/15/2024	\$395
Pfizer Inc	3.400%	5/15/2024	\$1,000
UnitedHealth Group Inc	0.550%	5/15/2024	\$1,000
Baxter International Inc	0.400%	5/15/2024	\$817
Becton Dickinson & Co	3.875%	5/15/2024	\$144
Stryker Corp	3.375%	5/15/2024	\$600
Cencora Inc	3.400%	5/15/2024	\$500
AbbVie Inc	1.375%	5/17/2024	\$1,579
Johnson & Johnson	0.650%	5/20/2024	\$817
Amgen Inc	3.625%	5/22/2024	\$1,400
Eli Lilly & Co	0.150%	5/24/2024	\$679
AstraZeneca PLC	0.700%	5/28/2024	\$1,600
AbbVie Inc	1.250%	6/1/2024	\$762
GSK PLC	3.000%	6/1/2024	\$1,000
Becton Dickinson & Co	3.363%	6/6/2024	\$998
AbbVie Inc	3.850%	6/15/2024	\$1,037
Cigna Group	3.500%	6/15/2024	\$828
Cardinal Health Inc	3.079%	6/15/2024	\$750
Viatris Inc	1.023%	6/23/2024	\$817
Bristol-Myers Squibb Co	2.900%	7/26/2024	\$2,478
CVS Health Corp	3.375%	8/12/2024	\$650
CVS Health Corp	2.625%	8/15/2024	\$1,000
Elevance Health Inc	3.500%	8/15/2024	\$800
UnitedHealth Group Inc	2.375%	8/15/2024	\$750
Laboratory Corp of America	3.250%	9/1/2024	\$600
Thermo Fisher Scientific Inc	0.750%	9/12/2024	\$1,089
Roche Holding AG	0.100%	9/23/2024	\$849
Roche Holding AG	3.350%	9/30/2024	\$589
Humana Inc	3.850%	10/1/2024	\$600
UnitedHealth Group Inc	5.000%	10/15/2024	\$500

Exhibit 5: 2024 Maturities \$53.0 bn of bonds mature in 2024

Company	Coupon	Maturity	Amount Outstanding USD
Thermo Fisher Scientific Inc	1.215%	10/18/2024	\$2,500
Merck & Co Inc	0.500%	11/2/2024	\$545
Johnson & Johnson	5.500%	11/6/2024	\$638
CVS Health Corp	3.500%	11/15/2024	\$750
Danaher Corp	2.200%	11/15/2024	\$700
Cardinal Health Inc	3.500%	11/15/2024	\$400
GE HealthCare Technologies Inc	5.550%	11/15/2024	\$1,000
Stryker Corp	FRN	11/16/2024	\$545
Abbott Laboratories	0.100%	11/19/2024	\$643
AbbVie Inc	2.600%	11/21/2024	\$3,750
Viatris Inc	2.250%	11/22/2024	\$1,089
Zimmer Biomet Holdings Inc	1.450%	11/22/2024	\$850
Baxter International Inc	1.322%	11/29/2024	\$1,400
Baxter International Inc	FRN	11/29/2024	\$300
CVS Health Corp	5.000%	12/1/2024	\$300
Elevance Health Inc	3.350%	12/1/2024	\$850
Laboratory Corp of America	2.300%	12/1/2024	\$400
GSK PLC	1.375%	12/2/2024	\$1,089
Stryker Corp	0.250%	12/3/2024	\$926
Becton Dickinson & Co	3.734%	12/15/2024	\$875
Total			\$52,989

Source: Bloomberg, company reports



Exhibit 6: BofA Global Research Investment Grade Pharmaceuticals Pricing Sheet

Pharmaceuticals Pricing Sheet

Description	Amt	Price	Moody's/S&P/Fitch	Duration	Price	Yield	Bid Spread	Z Spread	OAS	G Spread
AbbVie Inc.										
ABBV 4.8 29	\$2,500	99.78	A3/A-	4.38	\$99.78	4.849%	57 bps	79 bps	55 bps	56 bps
ABBV 5.05 34	\$3,000	100.38	A3/A-	7.60	\$100.38	5.000%	72 bps	107 bps	70 bps	72 bps
ABBV 5.4 54	\$3,000	101.50	A3/A-	14.73	\$101.50	5.298%	88 bps	156 bps	87 bps	88 bps
Amgen Inc.										
AMGN 4.05 29	\$1,250	95.60	Baa1/BBB+/BBB	4.77	\$95.60	4.986%	70 bps	95 bps	69 bps	70 bps
AMGN 5.25 33	\$4,250	100.13	Baa1/BBB+/BBB	7.06	\$100.13	5.232%	95 bps	130 bps	92 bps	95 bps
AMGN 5.65 53	\$4,250	101.20	Baa1/BBB+/BBB	14.12	\$101.20	5.565%	115 bps	181 bps	112 bps	113 bps
AstraZeneca										
AZN 4.85 29	\$1,250	99.93	A2/A/A-u	4.33	\$99.93	4.865%	58 bps	79 bps	55 bps	58 bps
AZN 5 34	\$1,500	100.19	A2/A/A-u	7.74	\$100.19	4.975%	70 bps	105 bps	67 bps	70 bps
AZN 3 51	\$750	68.75	A2/A/A-u	16.16	\$68.75	5.148%	73 bps	141 bps	70 bps	70 bps
Biogen Inc.										
BIIB 2.25 30	\$1,500	84.82	Baa2/BBB+	5.51	\$84.82	5.178%	89 bps	119 bps	90 bps	89 bps
BIIB 3.25 51	\$701	67.75	Baa2/BBB+	15.51	\$67.75	5.579%	117 bps	183 bps	112 bps	113 bps
Bristol Myers							· ·	'	'	
BMY 4.9 29	\$1,750	100.14	A2/A	4.32	\$100.14	4.866%	58 bps	79 bps	55 bps	58 bps
BMY 5.2 34	\$2,500	100.89	A2/A	7.51	\$100.89	5.082%	80 bps	115 bps	78 bps	80 bps
BMY 5.55 54	\$2,750	102.00	A2/A	14.51	\$102.00	5.413%	100 bps	167 bps	98 bps	99 bps
Gilead Sciences Inc.	ų_,, JU		, <u></u> , , ,		- · · · · · · ·		.00 243		- 0 ops	33 SP3
GILD 1.65 30	\$1,000	81.49	A3/BBB+	5.97	\$81.49	5.007%	72 bps	104 bps	73 bps	72 bps
GILD 5.25 33	\$1,000	101.38	A3/BBB+	7.13	\$101.38	5.063%	79 bps	113 bps	76 bps	78 bps
GILD 5.55 53	\$1,000	102.38	A3/BBB+	14.13	\$102.38	5.387%	97 bps	164 bps	95 bps	96 bps
GSK PLC	\$1,000	102.50	A3/868.	14.15	J102.50	5.507 /0	37 bps	10+ bp3	22 obs	50 брз
GSK 3.375 29	\$1,000	93.97	A2/A	4.64	\$93.97	4.695%	41 bps	65 bps	40 bps	41 bps
GSK 4.2 43	\$1,000	93.97 87.81	A2/A A2/A	12.51			'	'		
	\$300	07.01	AZ/A	12.51	\$87.81	5.219%	70 bps	134 bps	72 bps	72 bps
Johnson & Johnson	¢1.750	ດລຸລລ	Λ /Λ Λ Λ	C 0.4	Ć02.22	4.5000/	22	E A la cara	22	22
JNJ 1.3 30	\$1,750	82.23	Aaa/AAA	6.04	\$82.23	4.506%	22 bps	54 bps	23 bps	22 bps
JNJ 3.55 36	\$1,000	88.19	Aaa/AAA	9.43	\$88.19	4.865%	59 bps	96 bps	52 bps	54 bps
JNJ 2.25 50	\$1,000	61.38	Aaa/AAA	17.48	\$61.38	4.860%	45 bps	113 bps	40 bps	41 bps
Eli Lilly	** ***				***		0.11		0.1.1	
LLY 4.5 29	\$1,000	99.44	A1/A+	4.32	\$99.44	4.628%	34 bps	55 bps	31 bps	34 bps
LLY 4.7 34	\$1,500	98.70	A1/A+	7.78	\$98.70	4.867%	59 bps	94 bps	56 bps	59 bps
LLY 5 54	\$1,500	98.06	A1/A+	15.20	\$98.06	5.127%	71 bps	140 bps	69 bps	71 bps
Merck										
MRK 4.3 30	\$750	96.98	A1/A+	5.26	\$96.98	4.873%	59 bps	88 bps	57 bps	58 bps
MRK 4.5 33	\$1,500	97.44	A1/A+	7.29	\$97.44	4.849%	57 bps	92 bps	54 bps	57 bps
MRK 5 53	\$1,500	96.75	A1/A+	14.77	\$96.75	5.218%	80 bps	148 bps	78 bps	79 bps
Merck KGaA										
MRKGR 3.25 25	\$1,600	97.93	A3/A	0.97	\$97.93	5.404%	71 bps	33 bps	49 bps	39 bps
Novartis										
NOVNVX 2.2 30	\$1,500	86.27	Aa3/AA-/AA-u	5.82	\$86.27	4.708%	42 bps	74 bps	42 bps	42 bps
NOVNVX 2.75 50	\$1,250	66.75	Aa3/AA-/AA-u	16.50	\$66.75	5.042%	63 bps	130 bps	58 bps	59 bps
Pfizer										
PFE 4.45 28	\$4,000	98.35	A2/A/Au	3.70	\$98.35	4.890%	61 bps	75 bps	52 bps	54 bps
PFE 4.75 33	\$5,000	97.61	A2/A/Au	7.21	\$97.61	5.078%	80 bps	115 bps	77 bps	80 bps
PFE 5.3 53	\$6,000	98.28	A2/A/Au	14.38	\$98.28	5.418%	100 bps	168 bps	98 bps	99 bps
Roche Holdings							•		•	•
ROSW 4.79 29	\$875	99.62	Aa2/AA/AA	4.37	\$99.62	4.877%	59 bps	81 bps	57 bps	59 bps
ROSW 4.985 34	\$1,250	99.86	Aa2/AA/AA	7.77	\$99.86	5.002%	72 bps	108 bps	70 bps	72 bps
ROSW 5.218 54	\$1,000	99.92	Aa2/AA/AA	15.04	\$99.92	5.223%	81 bps	150 bps	79 bps	81 bps
Royalty Pharma							1.5	r ·	r.	F ·
RPRX 2.2 30	\$997	82.64	Baa3/BBB-/BBB-	5.83	\$82.64	5.424%	114 bps	145 bps	114 bps	113 bps
RPRX 2.15 31	\$600	79.94	Baa3/BBB-/BBB-	6.66	\$79.94	5.463%	119 bps	152 bps	118 bps	117 bps
RPRX 3.35 51	\$700	65.06	Baa3/BBB-/BBB-	15.19	\$65.06	5.948%	153 bps	220 bps	150 bps	150 bps
Viatris	Ş7 00	05.00	D005, DDD 1 DDD	15.15	Ç03.00	5.5 10 /0	155 0p3	220 003	120 0h2	120 0h2
VTRS 2.7 30	\$1,450	84.09	Baa3/BBB-/BBB	5.54	\$84.09	5.764%	148 bps	178 bps	148 bps	147 bps
VTRS 4 50	\$1,430	68.35	Baa3/BBB-/BBB	13.64	\$68.35	6.537%	212 bps	276 bps	208 bps	208 bps
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Zoetis Inc	ĊZEO	102 10	Pagi /DDD	C EC	¢102.10	E 1200/	QE has	110 h	01 h	016
ZTS 5.6 32	\$750	103.19	Baa1/BBB	6.56	\$103.19	5.128%	85 bps	118 bps	81 bps	84 bps
ZTS 3 50	\$500	68.06	Baa1/BBB	15.73	\$68.06	5.262%	85 bps	151 bps	80 bps	80 bps

 $\textbf{Source:} \ \mathsf{Company} \ \mathsf{reports}, \ \mathsf{Bloomberg.} \ \mathsf{U} \ \mathsf{refers} \ \mathsf{to} \ \mathsf{an} \ \mathsf{unsolicited} \ \mathsf{rating} \ \mathsf{by} \ \mathsf{Fitch}.$



Exhibit 7: BofA Global Research Investment Grade Clinical Lab Pricing Sheet Clinical Lab Pricing Sheet

Description	Amt.	Price	Moody's/S&P/Fitch	Duration	Price	Yield	Bid Spread	Z Spread	OAS	G Spread
Laboratory Corp										
LH 2.95 29	\$650	89.04	Baa2/BBB	5.08	\$89.04	5.196%	91 bps	119 bps	91 bps	91 bps
LH 2.7 31	\$500	85.19	Baa2/BBB	6.30	\$85.19	5.191%	91 bps	124 bps	90 bps	90 bps
LH 4.7 45	\$900	89.20	Baa2/BBB	12.60	\$89.20	5.582%	106 bps	172 bps	106 bps	107 bps
Quest Diagnostics										
DGX 4.2 29	\$500	96.36	Baa2/BBB+/BBB	4.62	\$96.36	4.991%	71 bps	95 bps	68 bps	71 bps
DGX 6.4 33	\$750	107.14	Baa2/BBB+/BBB	6.97	\$107.14	5.423%	115 bps	149 bps	112 bps	114 bps
DGX 4.7 45	\$300	89.09	Baa2/BBB+/BBB	12.43	\$89.09	5.589%	107 bps	173 bps	107 bps	108 bps

Source: Company reports, Bloomberg.

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Exhibit 8: BofA Global Research Investment Grade Managed Care Pricing Sheet

Managed Care Pricing Sheet

Description	Amt.	Price	Moody's/S&P/Fitch	Duration	Price	Yield	Bid Spread	Z Spread	OAS	G Spread
Cigna										
CI 5 29	\$1,000	99.51	Baa1/A-/BBB+	4.47	\$99.51	5.111%	83 bps	106 bps	81 bps	83 bps
CI 5.25 34	\$1,250	99.13	Baa1/A-/BBB+	7.59	\$99.13	5.364%	109 bps	144 bps	106 bps	109 bps
CI 5.6 54	\$1,500	99.19	Baa1/A-/BBB+	14.29	\$99.19	5.656%	124 bps	192 bps	122 bps	124 bps
CVS										
CVS 5 29	\$1,000	99.51	Baa2/BBB	4.24	\$99.51	5.113%	83 bps	104 bps	80 bps	82 bps
CVS 5.25 33	\$1,750	99.13	Baa2/BBB	7.01	\$99.13	5.374%	110 bps	144 bps	106 bps	109 bps
CVS 5.625 53	\$1,250	96.63	Baa2/BBB	13.90	\$96.63	5.868%	145 bps	211 bps	143 bps	144 bps
Elevance Health										
ELV 2.875 29	\$825	89.80	Baa2/A/BBB+	4.96	\$89.80	5.024%	74 bps	100 bps	74 bps	74 bps
ELV 4.75 33	\$1,000	96.69	Baa2/A/BBB+	7.11	\$96.69	5.219%	94 bps	129 bps	91 bps	94 bps
ELV 5.125 53	\$1,100	94.63	Baa2/A/BBB+	14.53	\$94.63	5.498%	108 bps	175 bps	106 bps	107 bps
Humana										
HUM 5.75 28	\$500	102.12	Baa2/BBB/BBB	3.94	\$102.12	5.225%	94 bps	112 bps	89 bps	91 bps
HUM 5.95 34	\$850	102.95	Baa2/BBB/BBB	7.36	\$102.95	5.555%	128 bps	162 bps	125 bps	128 bps
HUM 5.75 54	\$1,000	99.19	Baa2/BBB/BBB	14.16	\$99.19	5.807%	139 bps	207 bps	138 bps	139 bps
UnitedHealth										
UNH 4.25 29	\$1,250	97.87	A2/A+/A	4.27	\$97.87	4.748%	46 bps	67 bps	43 bps	45 bps
UNH 4.5 33	\$1,500	96.11	A2/A+/A	7.18	\$96.11	5.039%	76 bps	111 bps	73 bps	76 bps
UNH 5.05 53	\$2,000	95.84	A2/A+/A	14.53	\$95.84	5.333%	92 bps	160 bps	89 bps	91 bps

Source: Company reports, Bloomberg.



Exhibit 9: BofA Global Research Investment Grade Medical Products Pricing Sheet

Medical Products Pricing Sheet

Description	Amt.	Price	Moody's/S&P/Fitch	Duration	Price	Yield	Bid Spread	Z Spread	OAS	G Spread
Abbott Labs			•				-	•		
ABT 1.4 30	\$650	82.51	Aa3/AA-	5.85	\$82.51	4.642%	34 bps	67 bps	36 bps	35 bps
ABT 4.75 36	\$1,650	98.38	Aa3/AA-	9.28	\$98.38	4.923%	65 bps	101 bps	55 bps	58 bps
ABT 4.9 46	\$3,250	96.81	Aa3/AA-	13.24	\$96.81	5.139%	62 bps	131 bps	63 bps	65 bps
Agilent Technologies							·	,		
A 2.75 29	\$500	89.44	Baa1/BBB+/BBB+	4.98	\$89.44	4.973%	69 bps	95 bps	69 bps	69 bps
A 2.3 31	\$850	83.59	Baa1/BBB+/BBB+	6.27	\$83.59	5.127%	85 bps	117 bps	84 bps	83 bps
Alcon							·	,		
ALCSW 2.6 30	\$750	85.77	Baa2/BBB+	5.51	\$85.77	5.329%	104 bps	135 bps	105 bps	104 bps
ALCSW 5.375 32	\$700	100.32	Baa2/BBB+	6.63	\$100.32	5.327%	105 bps	138 bps	101 bps	104 bps
ALCSW 5.75 52	\$600	101.92	Baa2/BBB+	13.79	\$101.92	5.613%	120 bps	185 bps	117 bps	118 bps
Baxter							·			,
BAX 2.272 28	\$1,249	87.82	Baa2/BBB/BBB-	4.32	\$87.82	5.227%	94 bps	115 bps	93 bps	92 bps
BAX 2.539 32	\$1,540	82.25	Baa2/BBB/BBB-	6.88	\$82.25	5.330%	105 bps	139 bps	104 bps	104 bps
BAX 3.132 51	\$750	64.88	Baa2/BBB/BBB-	15.60	\$64.88	5.657%	124 bps	192 bps	121 bps	122 bps
Becton Dickinson							·			,
BDX 4.874 29	\$625	98.85	Baa2/BBB/BBB	4.27	\$98.85	5.142%	86 bps	107 bps	83 bps	85 bps
BDX 5.11 34	\$550	98.56	Baa2/BBB/BBB	7.62	\$98.56	5.298%	102 bps	137 bps	99 bps	102 bps
BDX 3.794 50	\$560	76.94	Baa2/BBB/BBB	14.73	\$76.94	5.460%	105 bps	169 bps	100 bps	100 bps
Boston Scientific										
BSX 2.65 30	\$1,200	87.80	Baa1/BBB+/BBB+	5.53	\$87.80	4.960%	68 bps	98 bps	67 bps	67 bps
BSX 4.55 39	\$450	93.00	Baa1/BBB+/BBB+	10.54	\$93.00	5.230%	95 bps	132 bps	81 bps	83 bps
BSX 4.7 49	\$650	91.56	Baa1/BBB+/BBB+	14.06	\$91.56	5.314%	90 bps	151 bps	83 bps	84 bps
Danaher										
DHR 2.6 29	\$800	89.15	A3/A-	5.10	\$89.15	4.813%	53 bps	80 bps	53 bps	53 bps
DHR 3.25 39	\$900	79.31	A3/A-	11.44	\$79.31	5.197%	92 bps	129 bps	77 bps	78 bps
DHR 2.8 51	\$1,000	64.63	A3/A-	16.50	\$64.63	5.231%	82 bps	151 bps	79 bps	79 bps
Medtronic										
MDT 4.25 28	\$1,000	97.71	A3/A	3.58	\$97.71	4.882%	60 bps	73 bps	50 bps	52 bps
MDT 4.5 33	\$1,000	96.44	A3/A	7.15	\$96.44	4.995%	72 bps	107 bps	69 bps	71 bps
MDT 4.625 45	\$1,813	92.81	A3/A	13.00	\$92.81	5.191%	67 bps	133 bps	68 bps	68 bps
Stryker										
SYK 4.85 28	\$600	99.65	Baa1/BBB+	4.12	\$99.65	4.931%	65 bps	84 bps	60 bps	63 bps
SYK 2.9 50	\$650	67.94	Baa1/BBB+	16.05	\$67.94	5.139%	72 bps	139 bps	67 bps	68 bps
Thermo Fisher Scientific										
TMO 5 29	\$1,000	100.76	A3/A-/A-	4.16	\$100.76	4.816%	53 bps	73 bps	50 bps	52 bps
TMO 5.2 34	\$500	101.31	A3/A-/A-	7.41	\$101.31	5.024%	75 bps	109 bps	72 bps	74 bps
TMO 4.1 47	\$750	84.00	A3/A-/A-	14.01	\$84.00	5.301%	78 bps	148 bps	80 bps	81 bps
Zimmer Holdings										
ZBH 5.35 28	\$500	101.05	Baa2/BBB/BBB	3.99	\$101.05	5.091%	81 bps	99 bps	76 bps	78 bps
ZBH 2.6 31	\$750	83.78	Baa2/BBB/BBB	6.69	\$83.78	5.186%	91 bps	125 bps	90 bps	90 bps
ZBH 4.45 45	\$395	88.68	Baa2/BBB/BBB	13.10	\$88.68	5.344%	82 bps	149 bps	82 bps	84 bps

Source: Company reports, Bloomberg.

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Exhibit 10: BofA Global Research Investment Grade Distributors Pricing Sheet

Distributors Pricing Sheet

Description	Amt.	Price	Moody's/S&P/Fitch	Duration	Price	Yield	Bid Spread	Z Spread	OAS	G Spread
Cencora										
COR 2.7 31	\$1,000	85.24	Baa2/BBB+/A-	6.19	\$85.24	5.251%	97 bps	130 bps	96 bps	96 bps
COR 5.125 34	\$500	99.37	Baa2/BBB+/A-	7.64	\$99.37	5.206%	93 bps	128 bps	90 bps	93 bps
COR 4.3 47	\$500	85.86	Baa2/BBB+/A-	13.81	\$85.86	5.359%	84 bps	155 bps	86 bps	88 bps
Cardinal Health										
CAH 5.125 29	\$650	99.81	Baa2/BBB/BBB	4.27	\$99.81	5.168%	88 bps	109 bps	85 bps	88 bps
CAH 5.45 34	\$500	101.79	Baa2/BBB/BBB	7.43	\$101.79	5.212%	93 bps	128 bps	91 bps	93 bps
CAH 4.368 47	\$566	83.49	Baa2/BBB/BBB	13.39	\$83.49	5.653%	113 bps	183 bps	116 bps	116 bps
McKesson										
MCK 4.9 28	\$400	100.14	Baa1/BBB+/A-	3.82	\$100.14	4.863%	58 bps	74 bps	50 bps	52 bps
MCK 5.1 33	\$600	100.00	Baa1/BBB+/A-	7.28	\$100.00	5.099%	82 bps	117 bps	79 bps	82 bps
MCK 4.883 44	\$255	88.76	Baa1/BBB+/A-	12.15	\$88.76	5.843%	132 bps	196 bps	132 bps	132 bps

Source: Company reports, Bloomberg.

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effectively assume currency risk.

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