Morgan Stanley

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GLOBAL CREDIT STRATEGY

Global Credit: What We're Watching

MORGAN STANLEY RESEARCH
Global

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US Investment Grade: The rebound in sentiment has helped US IG erase the losses observed since the start of the Middle East conflict. US IG excess returns of +0.17% lifted YTD returns back into positive territory (+0.1%), while total returns increased by 0.5%. BBBs tightened the most across ratings, while spread curves bull steepened. Transport, utilities and basic industry outperformed over the week, while technology and services lagged. Outflows from IG funds meaningfully slowed to just -$0.5bn from -$6.1bn the week prior. YTD fund flows remain significantly positive at +$46bn (+219% YoY). Primary market activity accelerated, with $36bn of bonds pricing last week. YTD supply is tracking at $717bn (+19% YoY).

US Leveraged Credit: HY spreads tightened by 21bp, lifting excess returns by 0.7%. Weekly total returns reached 0.9% last week (+0.8% YTD), outperforming both Loans (+0.3%) and IG (+0.5%). The tightening was accompanied by broad-based compression across ratings. Transport, media and healthcare significantly outperformed in HY while the technology sector remained under pressure, delivering negative excess returns over the week. HY funds reported their first net inflow week in two months at +$810mm (-$9.71bn YTD), while Loan funds saw tepid but positive inflows of $103mn last week (-$0.9bn YTD). Issuance reached $4bn and $1bn across HY and loans, respectively, lifting YTD issuance to $87bn (+28% YoY) and $112bn (-22% YoY).

EU Investment Grade: EU credit outperformed the US last week, with spreads tightening by 9bp, resulting in 0.42% of excess returns. Spread curves bull steepened, while there was little dispersion across ratings. Services, transportation and insurance underperformed, while real estate and consumer goods delivered the strongest excess returns. European IG fund net outflows slowed to just $17mn (versus ~$5bn net outflows observed through March), with YTD fund flows still tracking at +$4.1bn. Issuance accelerated with €11bn of bonds pricing last week, lifting YTD volumes to €227bn (+3% YoY).

EU High Yield: EUR HY spreads tightened by 24bp last week resulting in excess returns of 0.86%. Bs modestly outperformed BBs. Basic industry and capital goods led the tightening while banks and energy lagged. European HY fund flows turned modestly positive this month for the first time since February at $48mn, while YTD fund flows remained negative at -$2bn. YTD supply is tracking at €35bn (+9% YoY).

Credit Derivatives: Spreads tightened sharply across CDS indices, with CDX IG and iTraxx Main ending the week 5bp and 7bp tighter, respectively. Implied volatility across US and EU indices dropped to late February levels. DTCC data as of 3rd April showed that investors net bought protection on CDX IG through March, reducing the record longs observed earlier this year. CDX HY saw more limited buildup in net protection buying over the same period. Meanwhile, investors began to gradually reduce their net shorts in iTraxx Main and XO in the week ended 3rd April.

Asia Credit: Asia Credit spread tightened by 6bp over the last week, while APAC Credit spread tightened by 7bp. In Asia credit, Asia HY (-29bp) outperformed Asia IG (-3bp). Similarly, in APAC credit, HY spread tightened by 39bp while IG spread tightened by 5bp.

List of Recent Publications:
[US Credit Strategy: AI Debt Financing Tracker]
[European Credit Strategy: Screening for Dislocations]
[Asia Credit Strategy: Risk-Reward Currently Favors a Defensive Stance]

Note: The EPFR data and charts displayed here must not be extracted and republished (whether internally or externally). Such use will violate the terms of Morgan Stanley's contract with EPFR which only covers named users.

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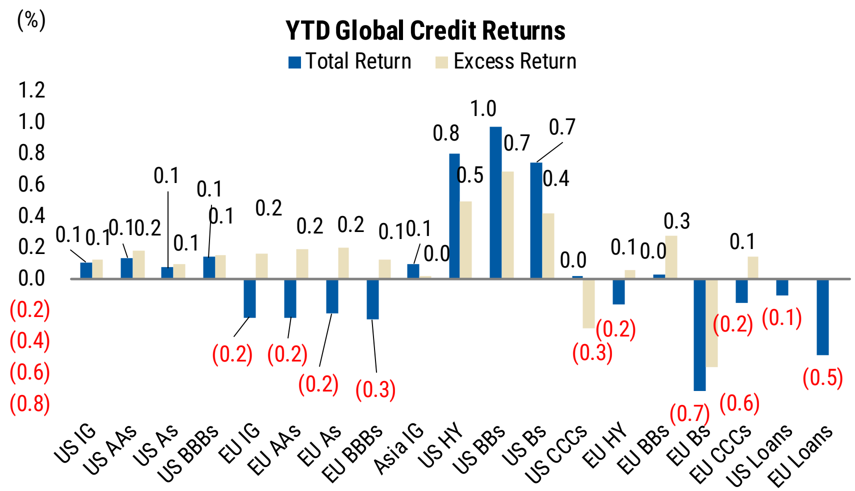
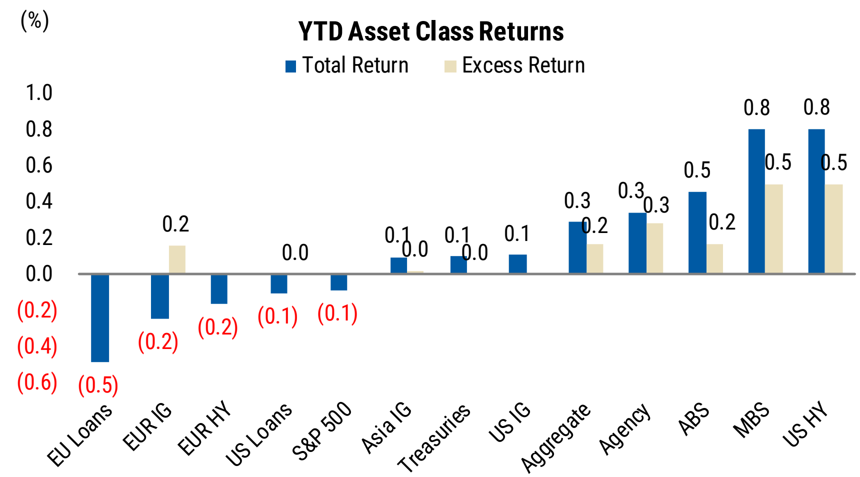
Global Credit Snapshot

Global IG Credit	Current	1 Wk Δ	3 Mth Δ	12 Mth Δ	1Y %Tile	1Y %Tile Range	5Y Tights	5Y Wides	5Y %Tile	5Y %Tile Range
US IG	80	(2)	2	(32)	58%		71	165	17%	
EUR IG	84	(9)	6	(44)	58%		72	234	15%	
Asia IG	64	(3)	1	(37)	43%		59	198	9%	
US IG CDX	56	(5)	6	(12)	76%		46	111	53%	
iTraxx Main	59	(7)	8	(26)	84%		44	138	53%	
EM IG	90	(14)	6	(43)	40%		80	159	8%	
Agency MBS	19	(1)	(4)	(19)	10%		7	88	5%	
CMBS AAAs	79	0	1	(9)	62%		64	167	35%	
CLO AAAs	131	(0)	2	(15)	46%		115	233	29%	
RMBS AAAs	135	5	(5)	(10)	40%		60	280	38%	
US As	67	(2)	3	(28)	58%		58	145	19%	
US BBBs	101	(3)	3	(37)	60%		89	199	19%	
US 3-5Y	71	(3)	2	(34)	57%		50	158	34%	
US 5-7Y	78	(3)	1	(40)	33%		66	173	22%	
US 7-10Y	93	(2)	5	(35)	54%		81	200	22%	
US 10Y+	97	(2)	2	(29)	55%		87	203	13%	
US Financials	85	(2)	7	(33)	69%		71	188	33%	
US Industrials	77	(2)	1	(32)	49%		69	160	14%	
US Utilities	84	(3)	(1)	(28)	28%		77	161	9%	
EUR As	74	(9)	4	(41)	59%		65	200	21%	
EUR BBBs	96	(9)	8	(47)	61%		83	273	18%	
EUR 3-5Y	84	(10)	7	(49)	57%		71	245	19%	
EUR 5-7Y	96	(9)	5	(43)	53%		85	251	20%	
EUR 7-10Y	100	(8)	3	(46)	40%		91	247	8%	
EUR 10Y+	94	(7)	1	(39)	38%		88	234	8%	

Global HY Credit	Current	1 Wk Δ	3 Mth Δ	12 Mth Δ	1Y %Tile	1Y %Tile Range	5Y Tights	5Y Wides	5Y %Tile	5Y %Tile Range
US HY	278	(21)	18	(148)	41%		250	583	16%	
EUR HY	294	(24)	39	(140)	65%		247	668	20%	
CDX HY	346	(30)	31	(61)	74%		269	627	51%	
Xover	293	(34)	51	(133)	82%		225	662	40%	
US BBs	164	(19)	3	(117)	21%		149	413	9%	
US Bs	305	(22)	46	(124)	75%		236	653	38%	
US CCCs	664	(32)	61	(176)	70%		444	1,133	43%	
EUR HY BBs	182	(20)	12	(123)	40%		164	526	9%	
EUR HY Bs	381	(34)	91	(132)	84%		279	837	37%	
EUR HY CCCs	1,155	(9)	119	(104)	98%		556	1,549	70%	

Asia Credit	Current	1 Wk Δ	3 Mth Δ	12 Mth Δ	1Y %Tile	1Y %Tile Range	5Y Tights	5Y Wides	5Y %Tile	5Y %Tile Range
iTraxx Japan	64	(7)	9	(31)	80%		42	117	62%	
iTraxx Australia	76	(10)	12	(35)	81%		56	152	60%	
Asia Credit	107	(6)	5	(60)	59%		95	407	12%	
Asia IG	64	(3)	1	(37)	43%		59	198	9%	
Asia HY	373	(29)	37	(190)	74%		309	1,536	16%	
China IG	53	0	(5)	(34)	9%		48	226	2%	
China HY	535	(7)	39	(22)	86%		345	2,570	32%	





Source: Bloomberg, Morgan Stanley Research

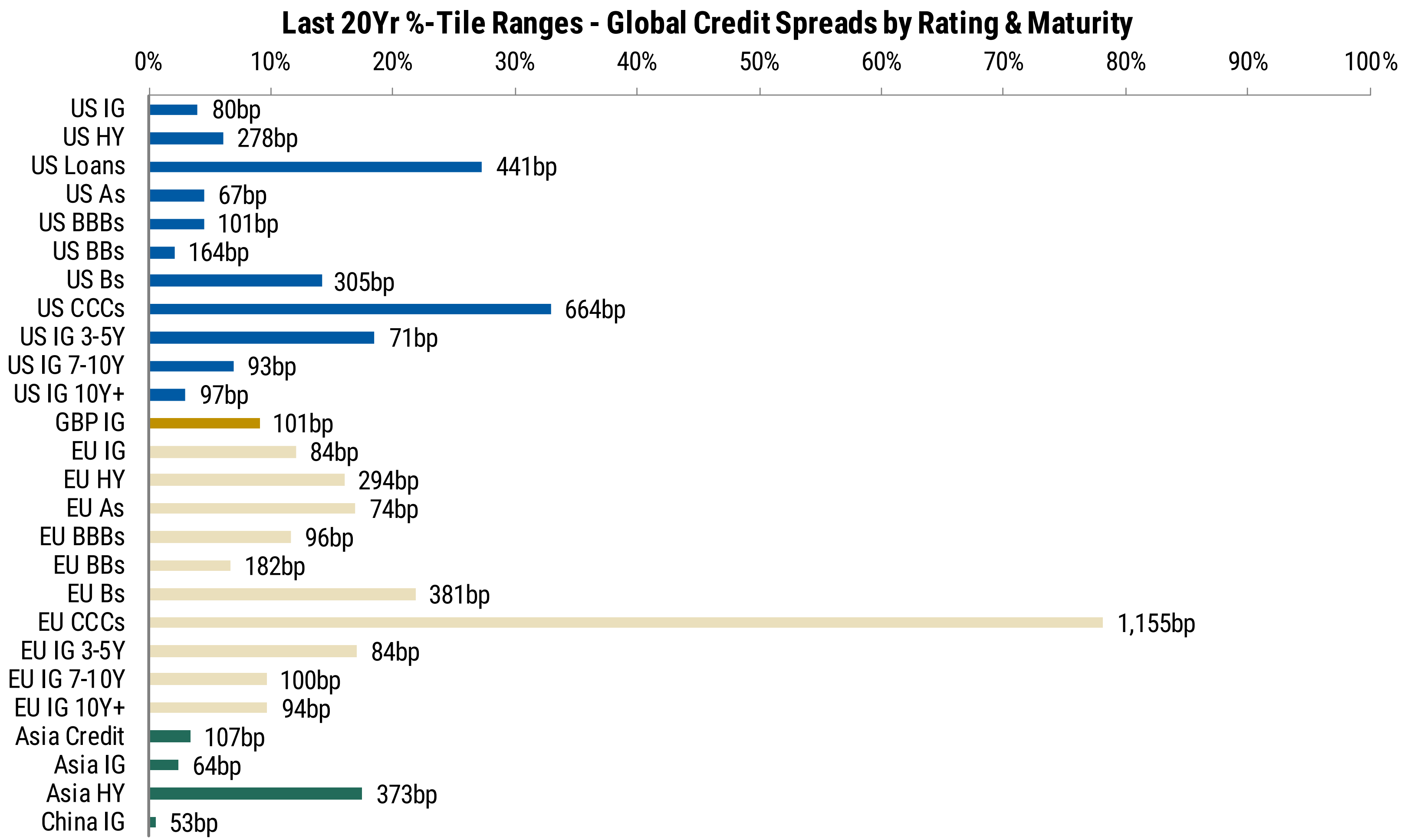
Performance Across Asset Classes

Market		Ccy	Latest	1Y	1 Mth Δ	3 Mth Δ	2026 Δ
EQUITIES			**Level**		**Total Returns (%)**		
US	S&P 500	USD	6,817		0.6	(1.8)	(0.1)
	Russell 2000	USD	2,631		3.4	0.5	6.4
	DJIA	USD	47,917		0.5	(2.8)	0.2
	NASDAQ	USD	22,903		1.0	(3.1)	(1.3)
	MSCI EAFE	USD	3,046		2.5	4.2	6.3
Europe	MSCI EUROPE	EUR	205		1.9	1.7	4.7
Asia	TOPIX	JPY	3,741		3.0	7.5	10.8
	HSI	HKD	25,894		0.1	(0.9)	1.4
	CSI 300	CNY	4,637		(0.8)	(2.4)	0.3
	KOSPI	KRW	5,859		6.2	28.4	39.7
	Nifty	INR	24,051		(0.9)	(6.2)	(7.8)
EM	MSCI EM	USD	1,547		3.2	7.0	10.7
RATES			**Yield (%)**		**Yield Change (bp)**		
US	US 2 Year	USD	3.80		0	27	32
	US 5 Year	USD	3.94		0	15	22
	US 10 Year	USD	4.32		0	8	15
	US 30 Year	USD	4.91		(0)	4	7
Europe	Bund 2Y	EUR	2.60		(2)	51	48
	Bund 5Y	EUR	2.74		2	33	30
	Bund 10Y	EUR	3.06		5	22	20
	Bund 30Y	EUR	3.59		13	9	11
Japan	Japan 5Y	JPY	1.80		9	20	32
	Japan 10Y	JPY	2.44		8	19	37
China	China 5Y	CNY	1.54		1	(4)	(7)
	China 10Y	CNY	1.81		(0)	0	(3)
India	India 5Y	INR	6.52		(23)	11	21
	India 10Y	INR	6.93		(9)	23	34
South Korea	South Korea 5Y	KRW	3.51		(27)	7	27
	South Korea 10Y	KRW	3.69		(19)	8	31

Market		Ccy	Latest	1Y	1 Mth Δ	3 Mth Δ	2026 Δ
FX			**Spot**		**% Change (vs. USD)**		
G10	EURUSD	-	1.17		1.5	(1.1)	(0.2)
	GBPUSD	-	1.35		1.8	(1.6)	(0.1)
	USDCAD	-	1.38		0.5	(1.7)	(0.9)
	USDJPY	-	159		(0.3)	(2.9)	(1.6)
APAC / EM	USDBRL	-	5.0		3.4	4.9	8.6
	USDINR	-	92.7		2.2	(0.8)	(3.2)
	USDCNY	-	7		0.9	1.8	2.3
	USDCNH	-	7		0.9	1.9	2.1
	USDKRW	-	1483		2.2	(2.7)	(2.7)
COMMODITIES					**% Change**		
	S&P GSCI	USD	704.7		(5)	18	28
	Oil (WTIC, $/bbl)	USD	103.7		(5)	48	68
	Brent Crude	USD	101.9		(20)	35	56
	Natural Gas ($/MMBtu)	USD	2.7		(8)	(39)	(28)
	Copper ($/lb)	USD	587		5	(1)	4
	Gold ($/oz)	USD	4,704		2	1	10
CREDIT			**Spread (bp)**		**Spread Change (bp)**		
US	IG Corporates	USD	80		(9)	7	2
	HY Corporates	USD	278		(39)	13	12
EUR	IG Corporates	EUR	84		(14)	10	5
	HY Corporates	EUR	294		(38)	37	29
EM	EM Sovereign	USD	183		(35)	5	0
APAC	Asia Credit	USD	107		(13)	11	2
	Asia IG	USD	64		(7)	4	(1)
	Asia HY	USD	373		(44)	64	18
	China IG	USD	53		(3)	(1)	(7)

Source: Bloomberg, Morgan Stanley Research

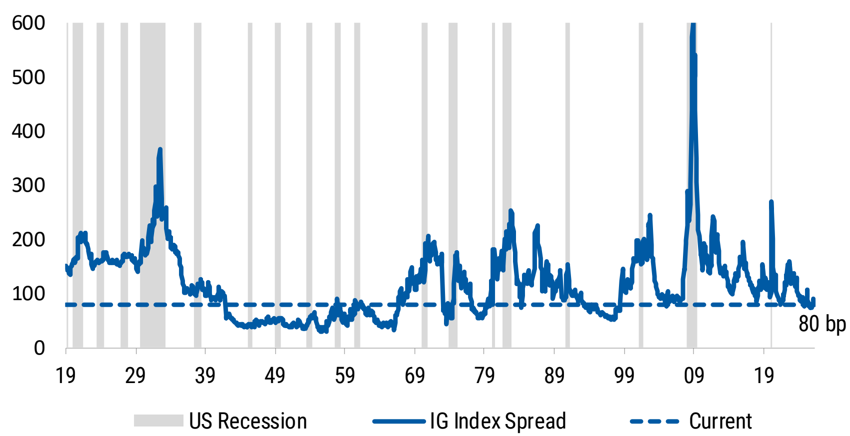
Global Credit Percentile Ranges



Source: Bloomberg, ICE BAML Morgan Stanley Research; Note: Spreads to Treasuries/Bunds/Gilts;

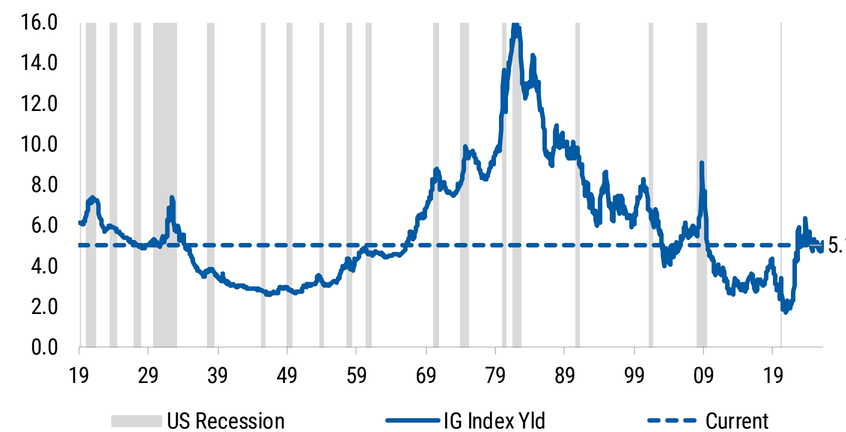
US Credit Long-Term Spreads and Yields

Long-Term IG Spread History



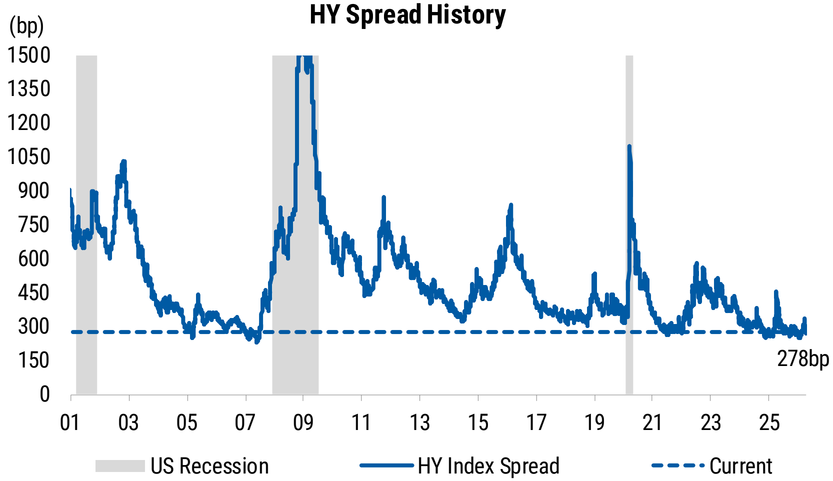
Source: Bloomberg, Moody's, NBER, Morgan Stanley Research

Long-Term IG Yield History



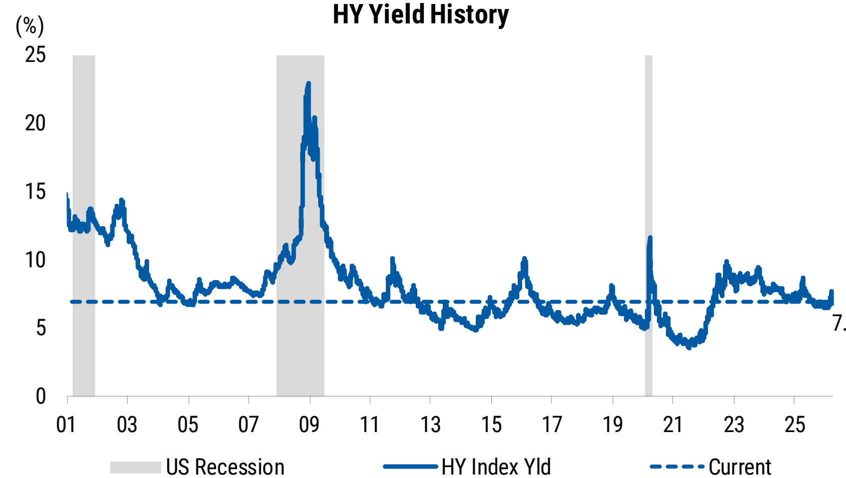
Source: Bloomberg, Moody's, NBER, Morgan Stanley Research

HY Spread History



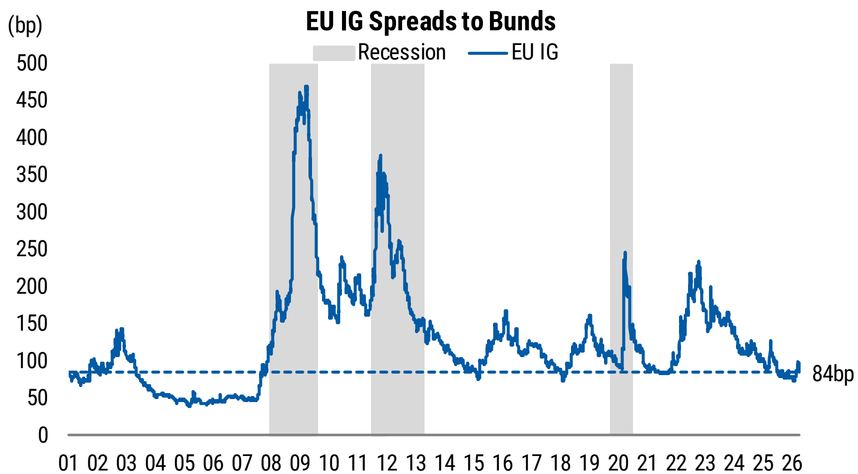
Source: Bloomberg, Morgan Stanley Research

HY Yield History

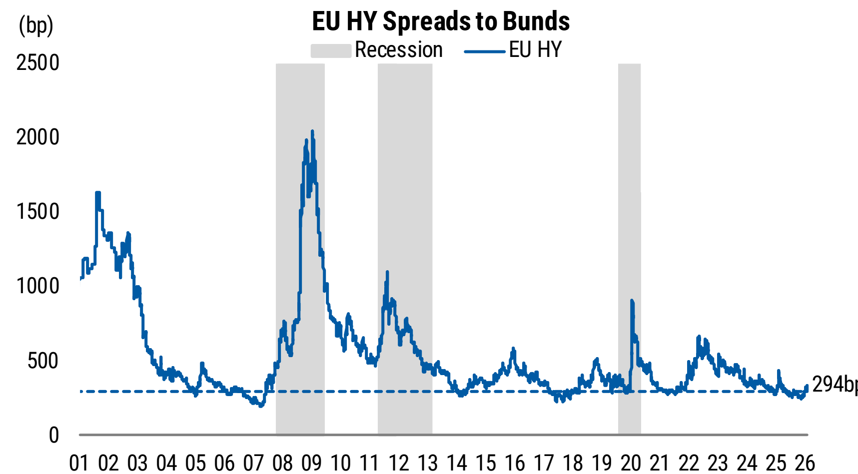


Source: Bloomberg, Morgan Stanley Research

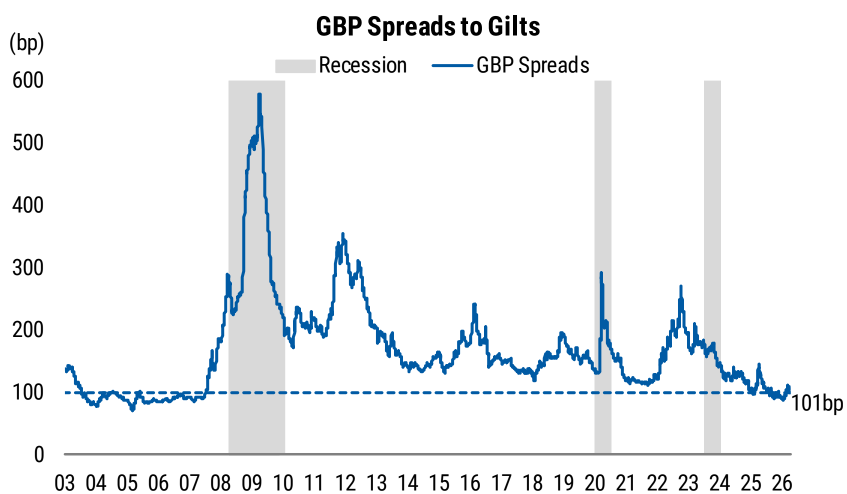
Europe and Asia Credit Long-Term Spreads



Source: Bloomberg, EACBN, Morgan Stanley Research



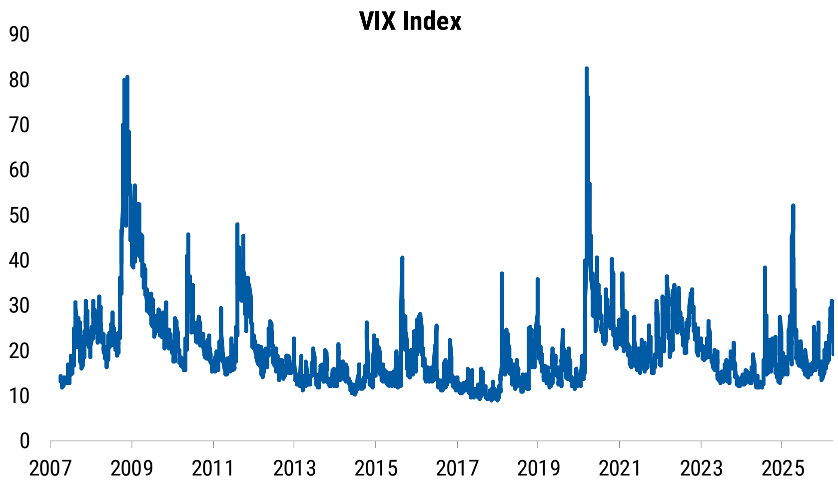
Source: Bloomberg, EACBN, Morgan Stanley Research



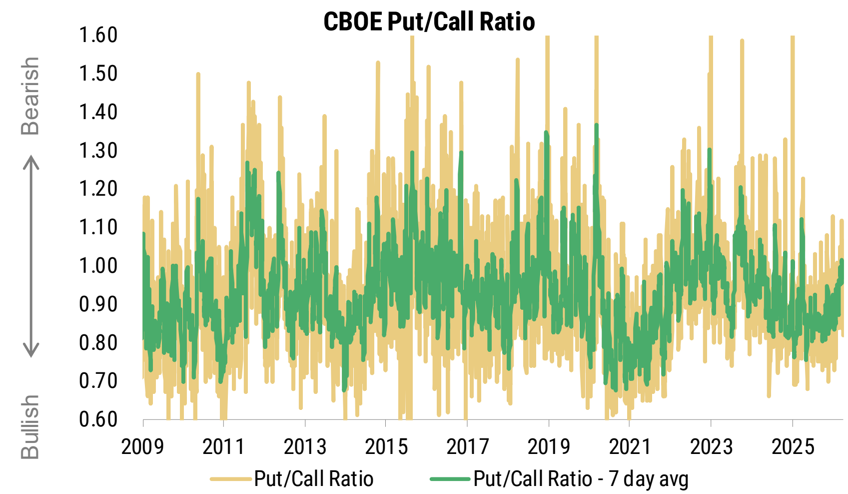
Source: IHS Markit, Haver Analytics, Morgan Stanley Research

Source: Bloomberg, Haver Analytics, Morgan Stanley Research

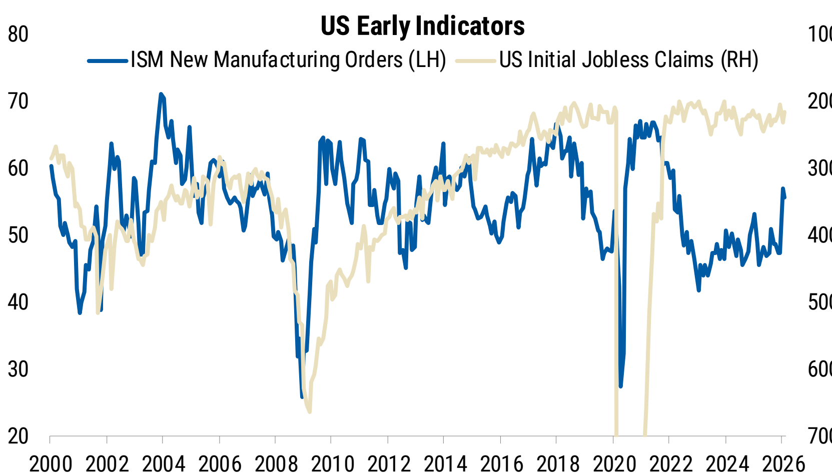
Macro Sentiment Indicators



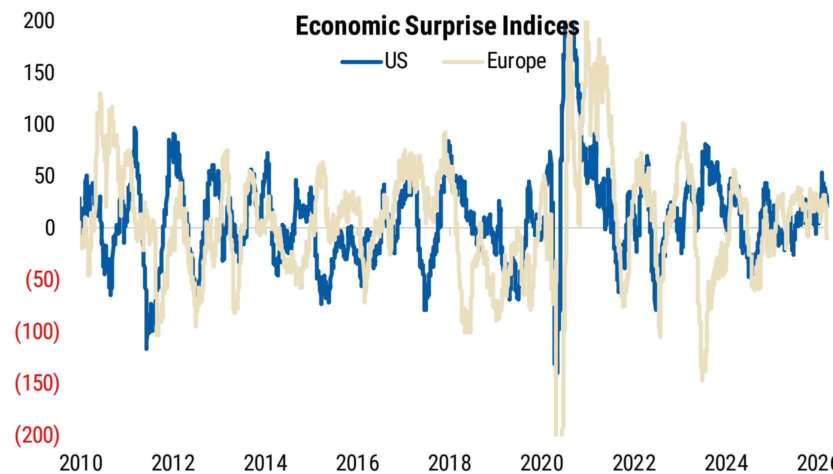
Source: Bloomberg, Morgan Stanley Research



Source: Bloomberg, Morgan Stanley Research

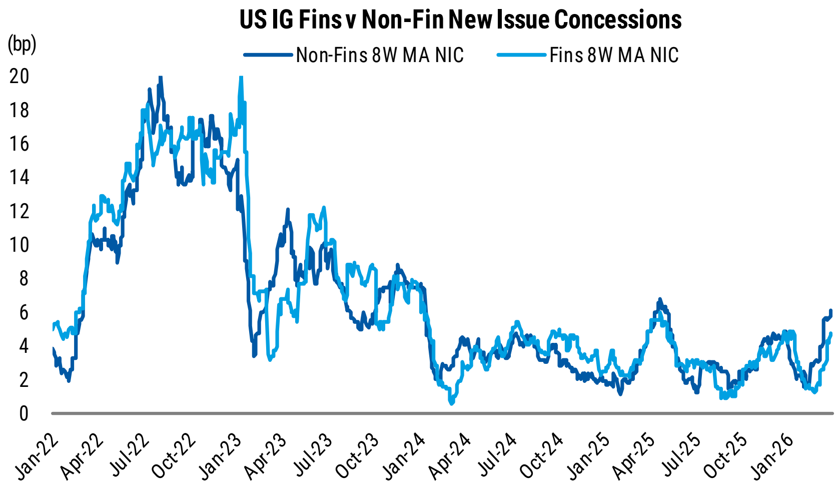


Source: ISM, Department of Labor, Bloomberg, Morgan Stanley Research

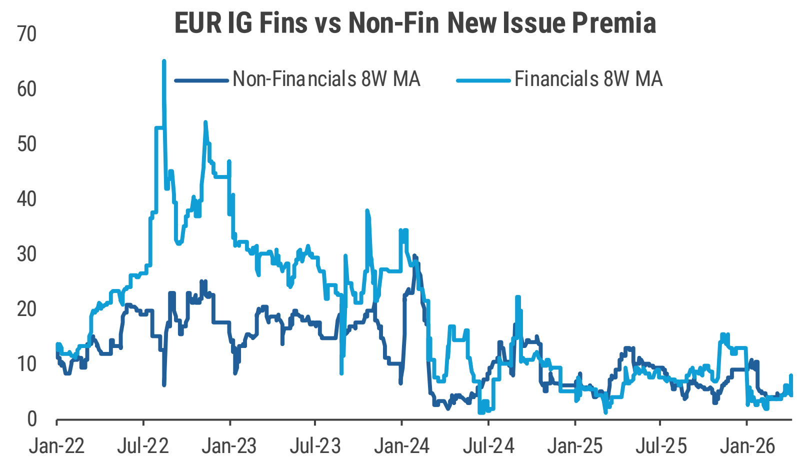


Source: Bloomberg, Citi, Morgan Stanley Research

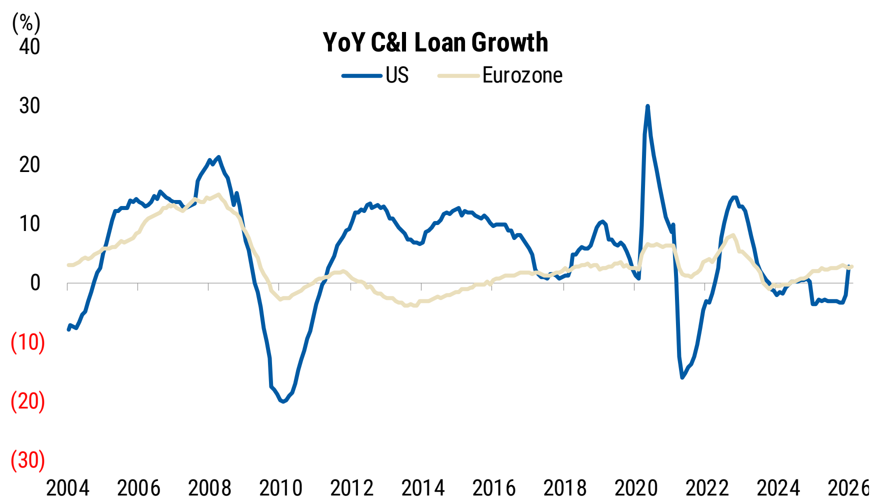
Credit Sentiment Indicators



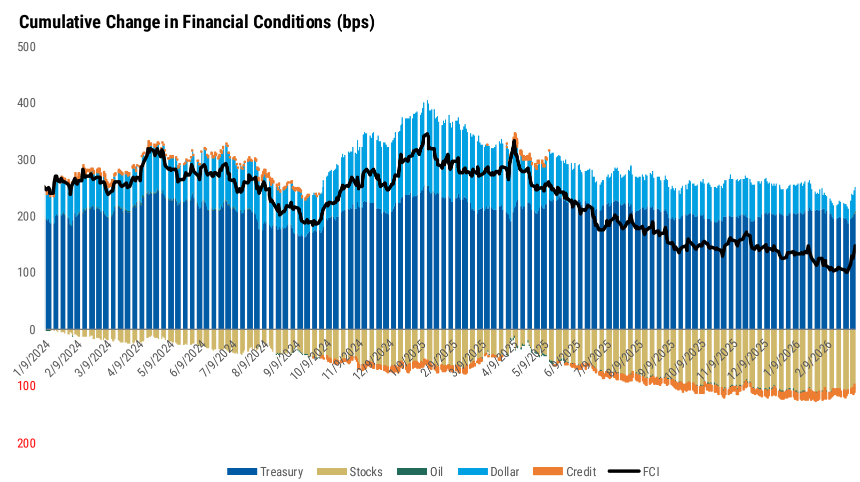
Source: Bloomberg, Morgan Stanley Research



Source: Bloomberg, Morgan Stanley Research



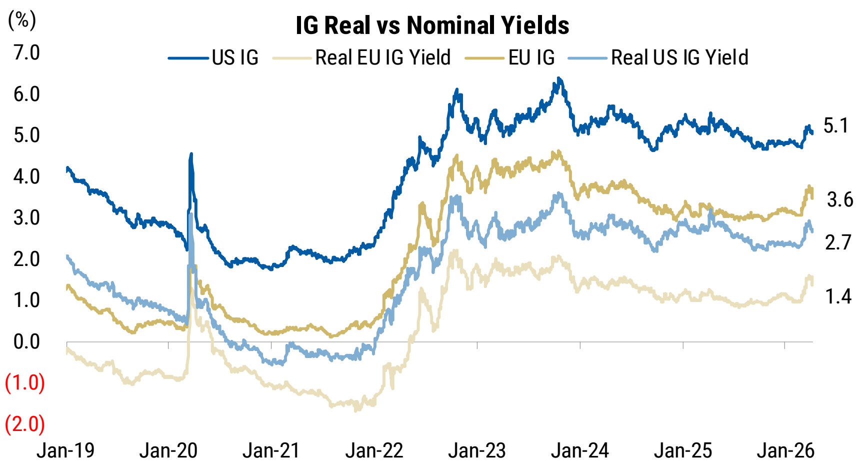
Source: Bloomberg, ECB, Federal Reserve, Morgan Stanley Research; Note: Seasonally adjusted.



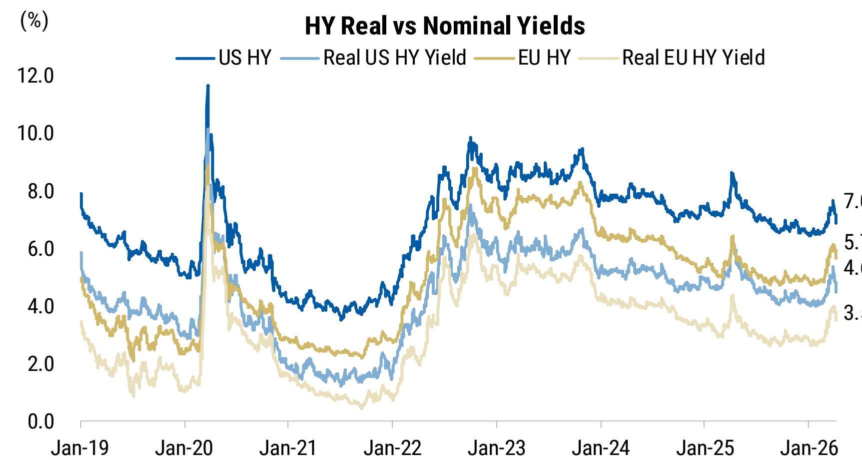
Source: Bloomberg, FRB/US, Morgan Stanley Research

US and EU Credit

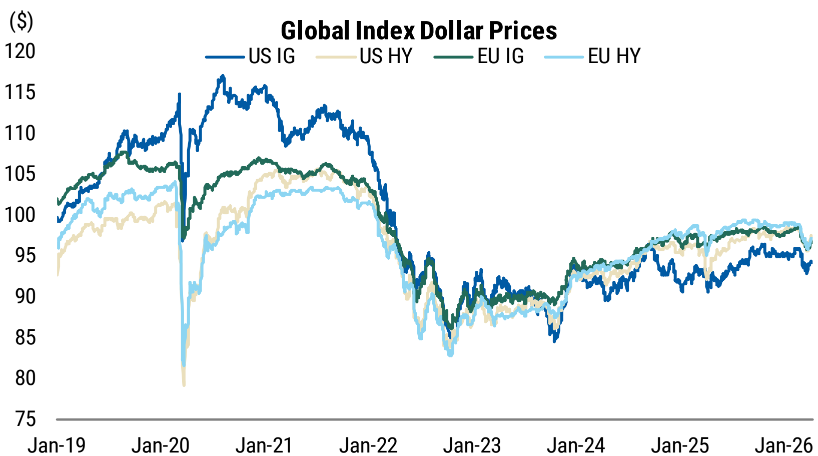
Yields, Dollar Prices, and Index Quality



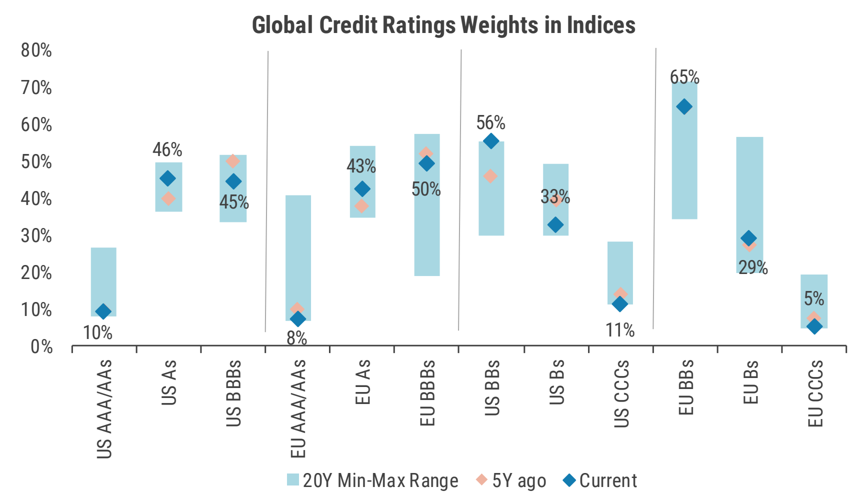
Source: Bloomberg, Morgan Stanley Research; Note: Real Yield is the difference of index YTW and 5Y5Y breakevens



Source: Bloomberg, Morgan Stanley; Note: Real Yield is the difference of index YTW and 5Y5Y breakevens



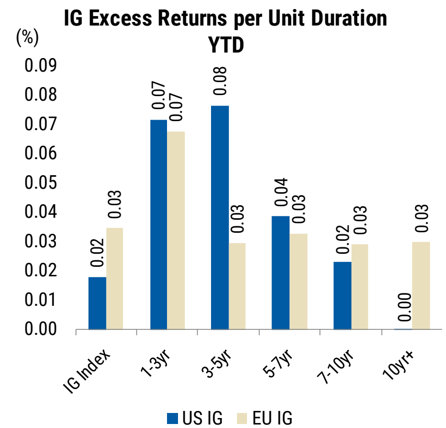
Source: Bloomberg, Morgan Stanley Research

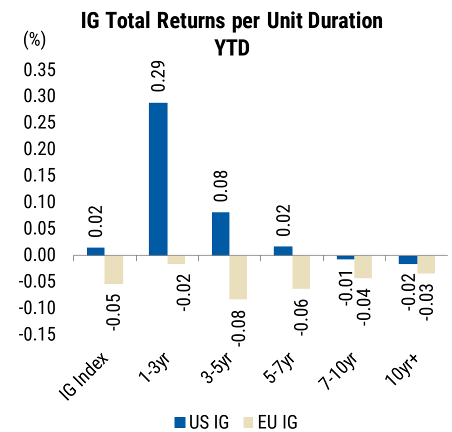


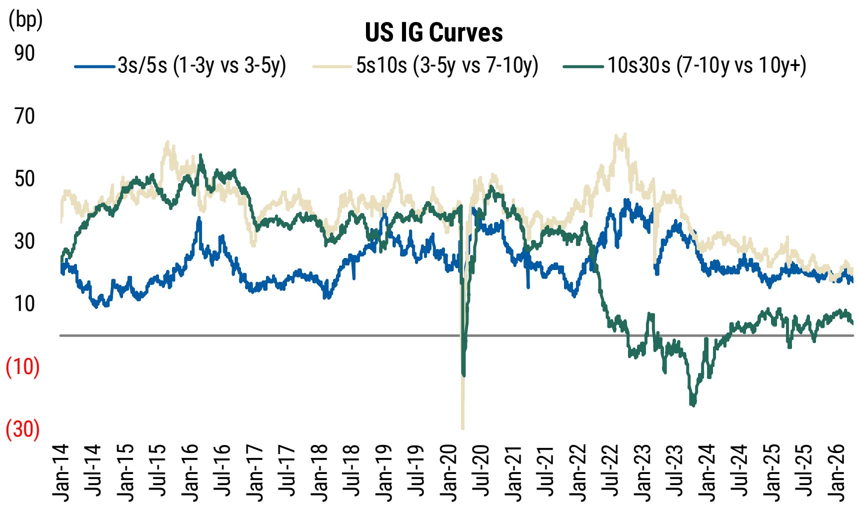
Source: Bloomberg, Morgan Stanley Research

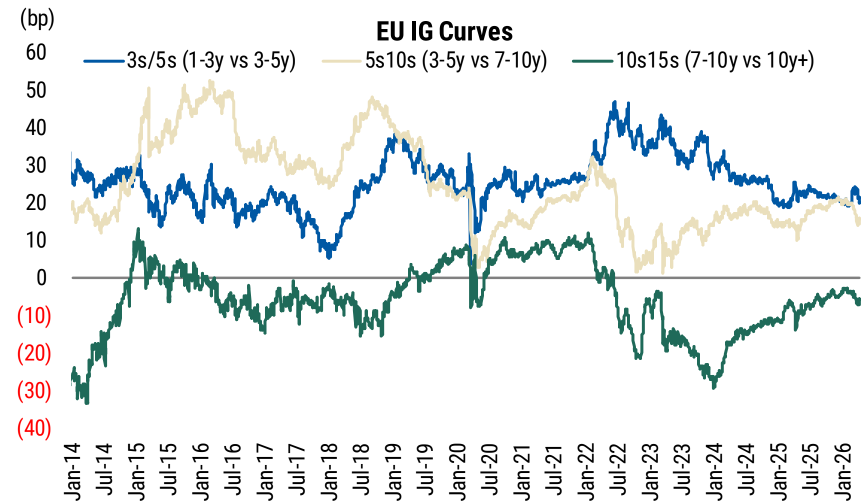
Curve Performance

Curves Performance	Current	1 Wk Δ	3 Mth Δ	12 Mth Δ	1Y %Tile	1Y %Tile Range	20Y %Tile	20Y %Tile Range
US 1-3y	54	(2)	3	(33)	67%		24%	
US 3-5y	71	(3)	2	(36)	55%		19%	
US 5-7y	78	(3)	1	(42)	32%		7%	
US 7-10y	93	(2)	5	(38)	52%		7%	
US 10y+	97	(2)	2	(30)	53%		3%	
US 3s5s	17	(1)	(1)	(3)	5%		26%	
US 5s10s	21	1	2	(2)	39%		21%	
US 10s30s	4	(0)	(3)	8	47%		26%	
EUR 1-3y	64	(9)	6	(33)	65%		19%	
EUR 3-5y	84	(10)	7	(37)	54%		17%	
EUR 5-7y	96	(9)	5	(32)	51%		16%	
EUR 7-10y	100	(8)	3	(35)	39%		10%	
EUR 10y+	94	(7)	1	(27)	37%		10%	
EUR 3s5s	20	(1)	0	(4)	10%		35%	
EUR 5s10s	16	1	(4)	2	19%		23%	
EUR 10s15s	-5	2	(2)	7	50%		61%	



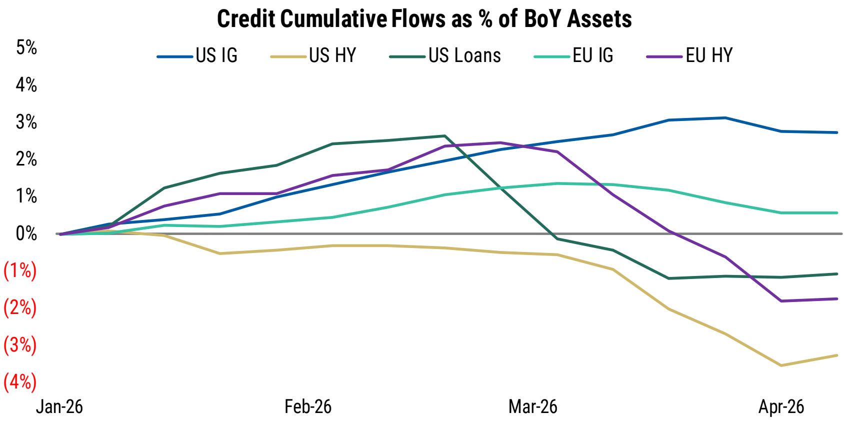




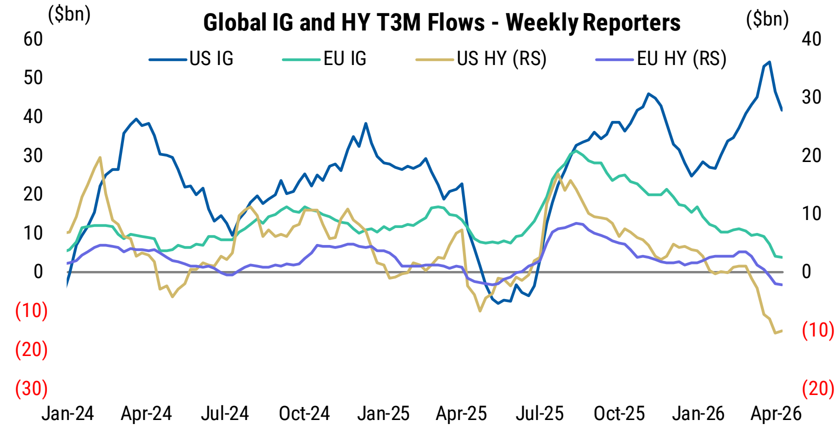


Source: Bloomberg, Morgan Stanley Research

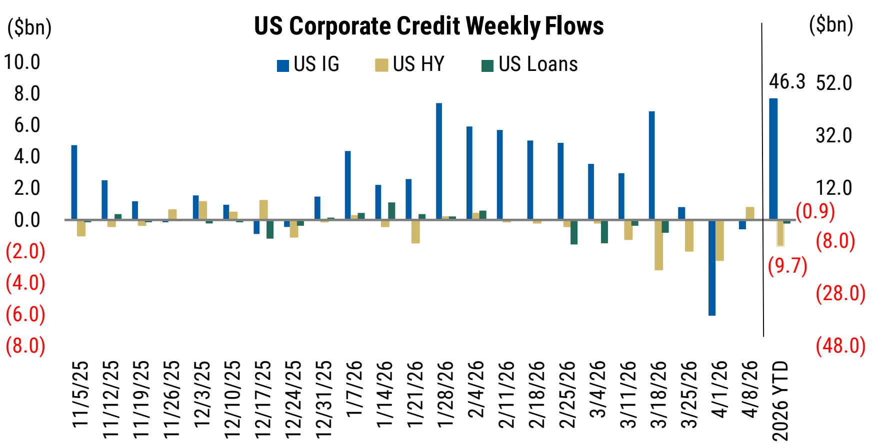
Global Credit Demand



Source: Lipper, EPFR, Morgan Stanley Research;



Source: Lipper, EPFR, Morgan Stanley Research



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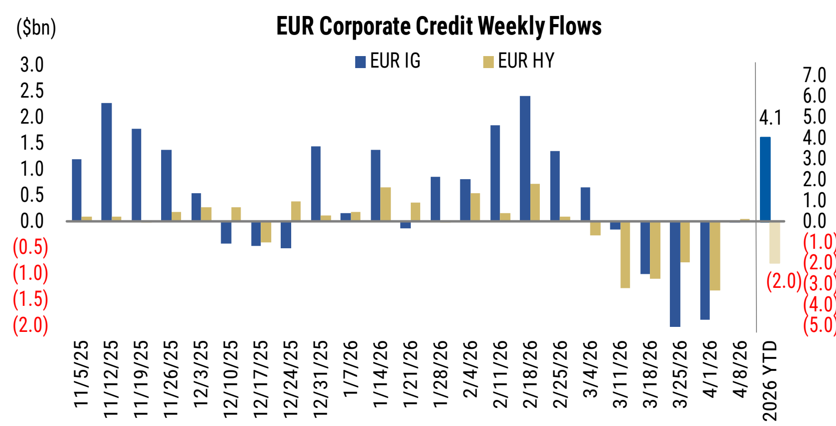
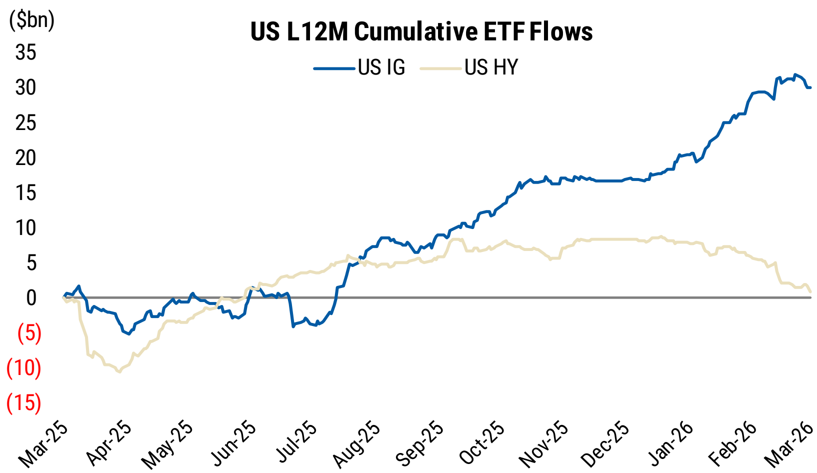
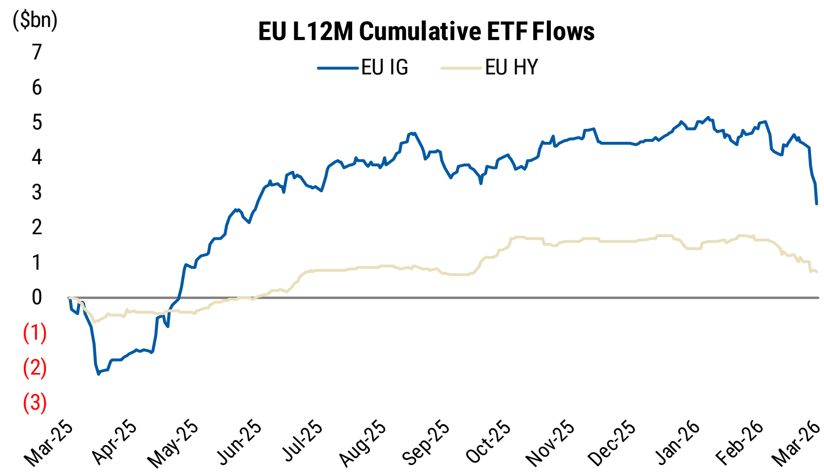


Source: EPFR, Morgan Stanley Research

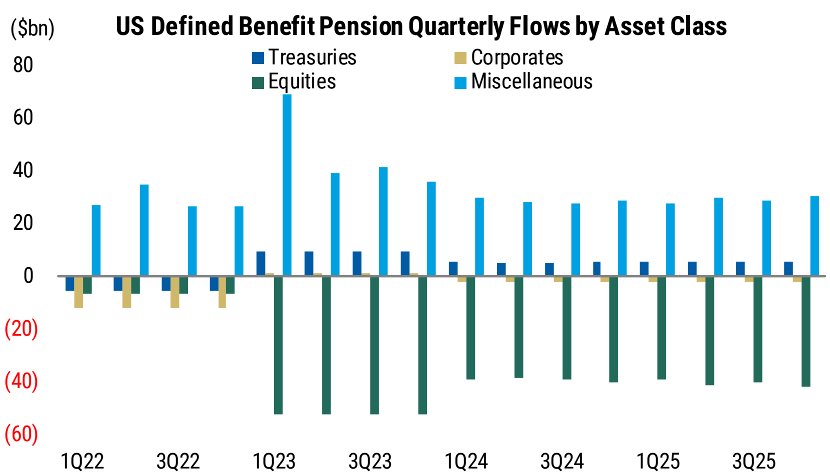
Global Credit Demand



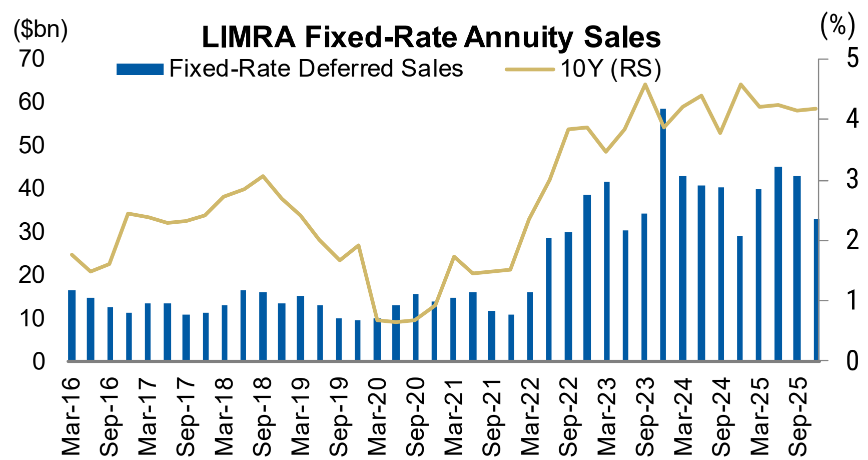
Source: Bloomberg, Morgan Stanley Research; Note: Data as of March 27, 2026



Source: Bloomberg, Morgan Stanley Research: Note: Data as of March 27, 2026

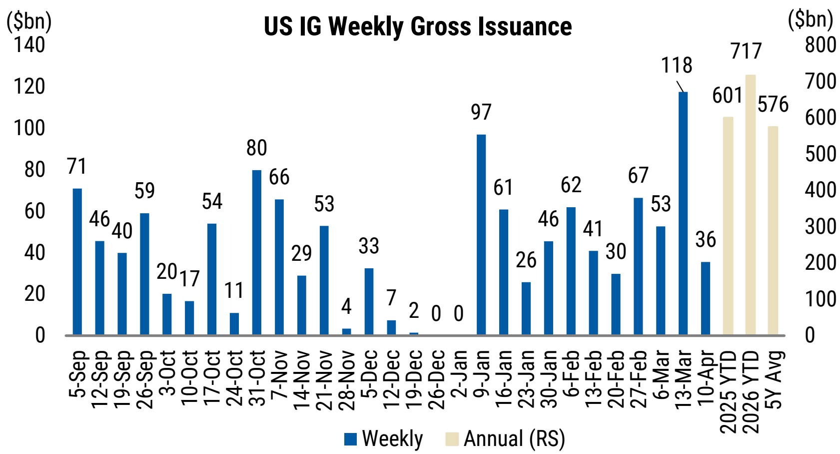


Source: Federal Reserve, Morgan Stanley Research

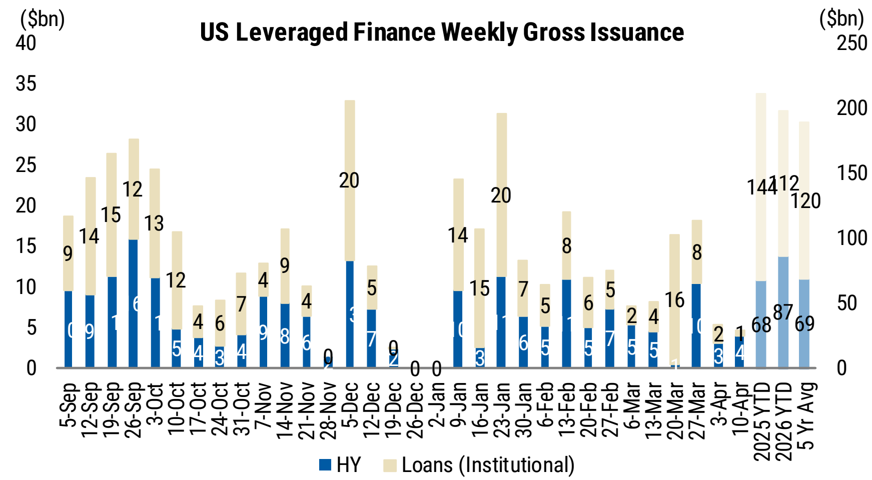


Source: LIMRA, Morgan Stanley Research

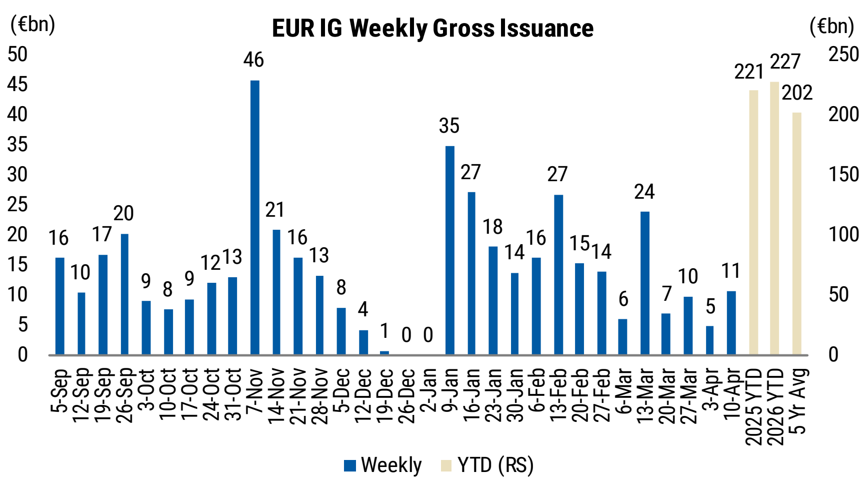
Global Credit Supply



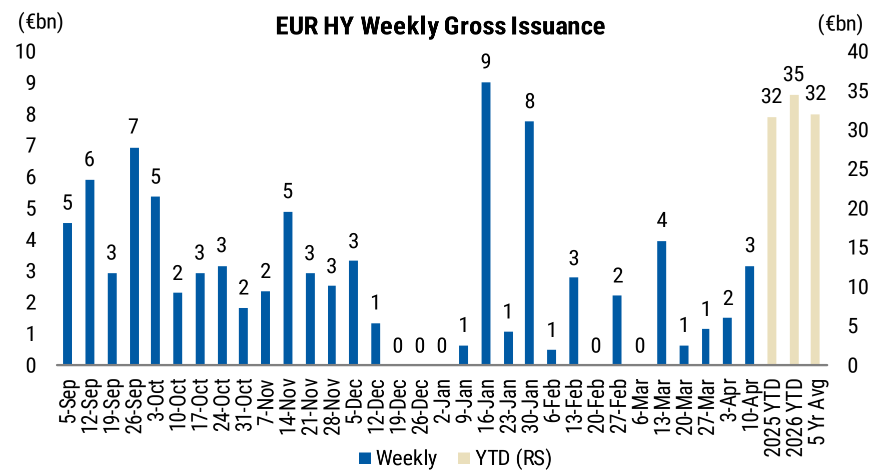
Source: Dealogic, Morgan Stanley Research; Note: Excludes tranches <$100MM



Source: Morgan Stanley Research, PitchBook | LCD

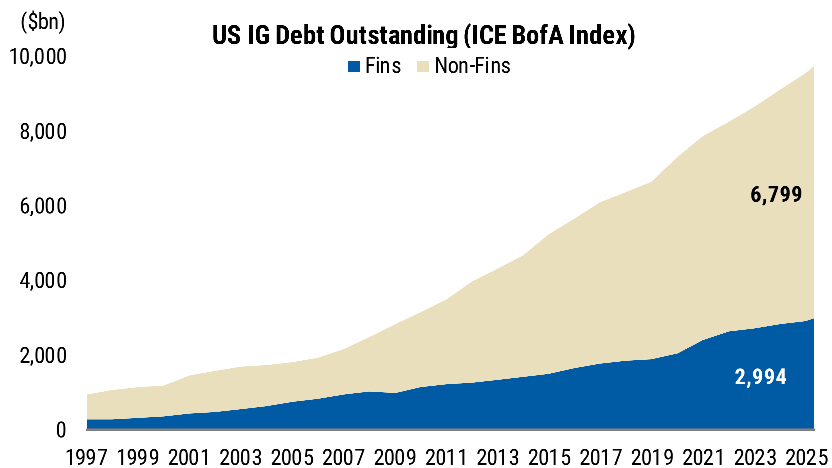


Source: Bond Radar, Morgan Stanley Research

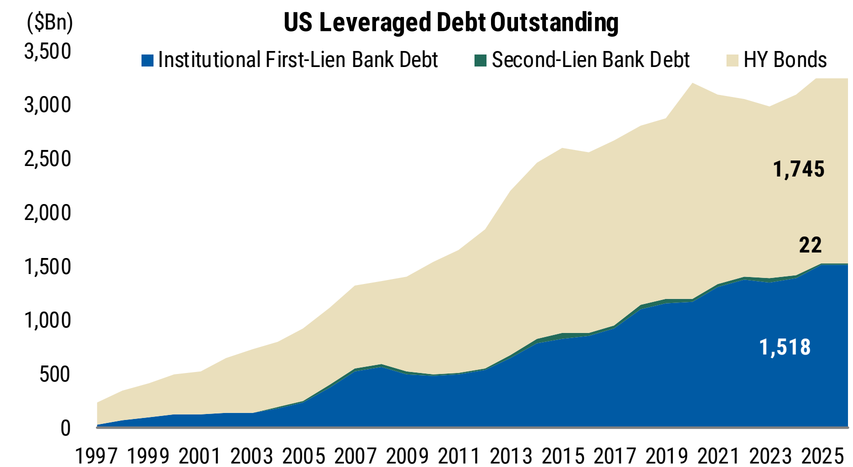


Source: Bond Radar, Morgan Stanley Research

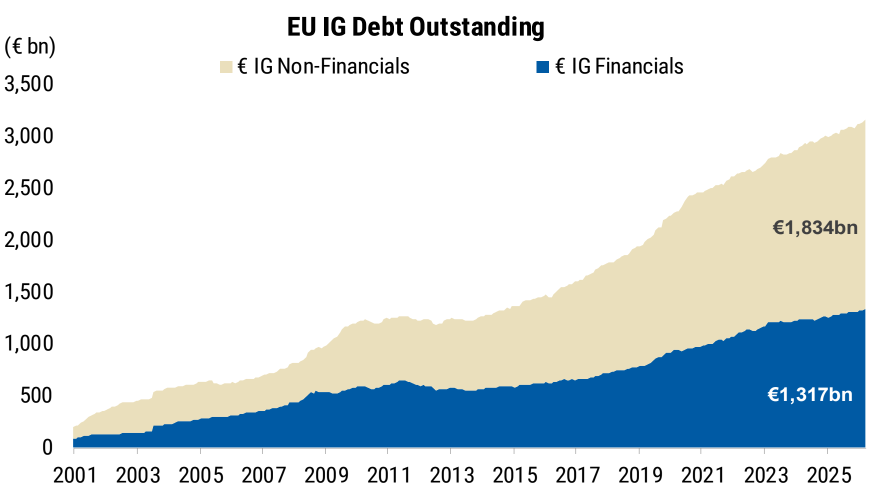
Debt Outstanding



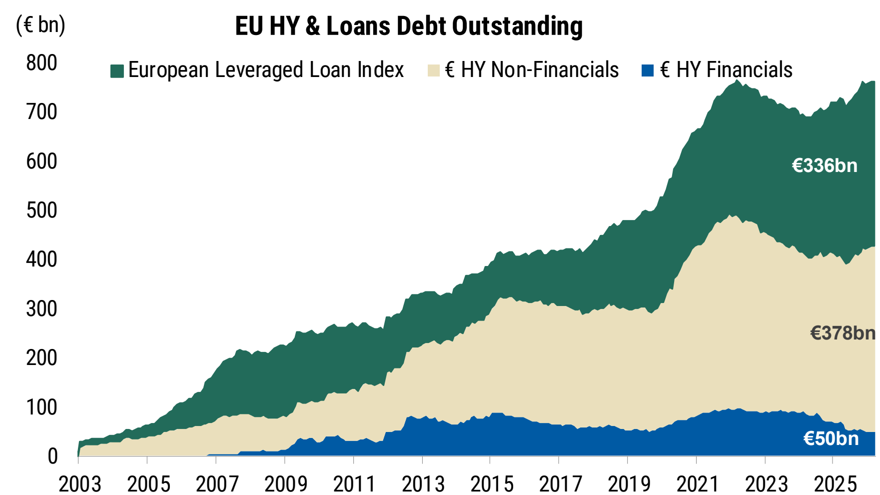
Source: ICE, Morgan Stanley Research. Note: Data as of February 27, 2026



Source: PitchBook | LCD, Morgan Stanley Research. Note: Data as of January 31, 2026



Source: ICE, IHS Markit, Bloomberg, Morgan Stanley Research



Source: IHS Markit, Bloomberg, PitchBook | LCD, Morgan Stanley Research

Maturity Walls

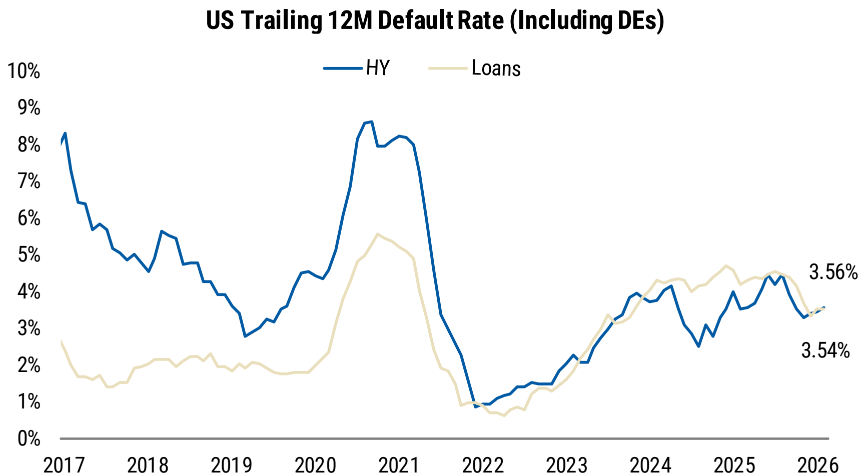
Loans Current Loans 4Q25
HY Current HY 4Q25

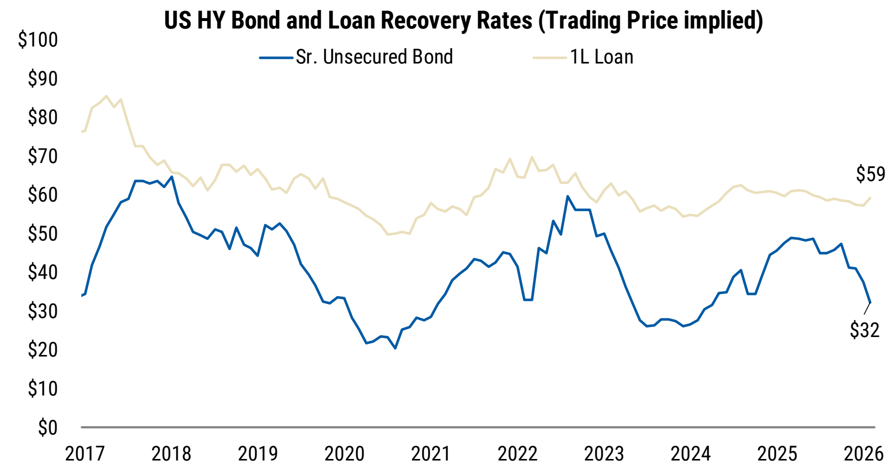
Source: Bloomberg, Morgan Stanley Research

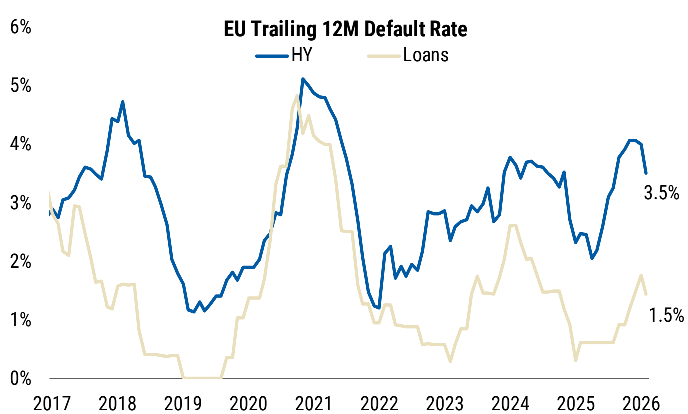
Source: ICE, PitchBook | LCD, Morgan Stanley Research

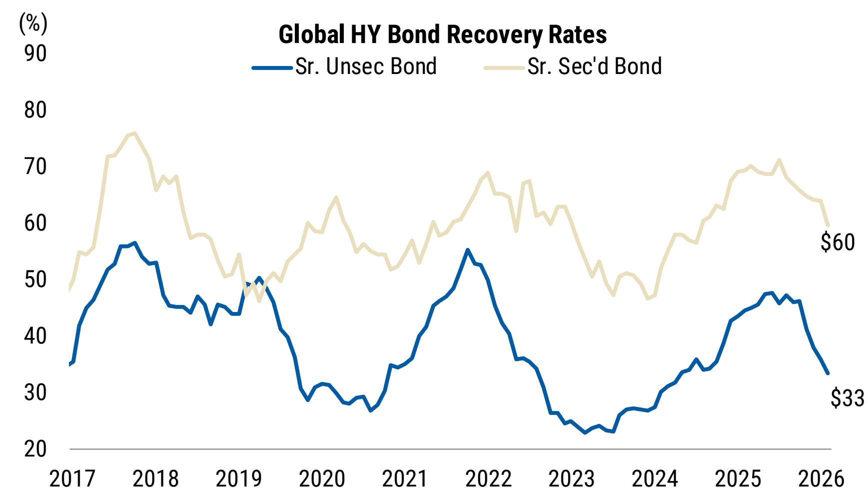
Source: ICE, Bloomberg, PitchBook | LCD, Morgan Stanley Research; Note
as oMarch 2026.

Defaults and Rating Changes



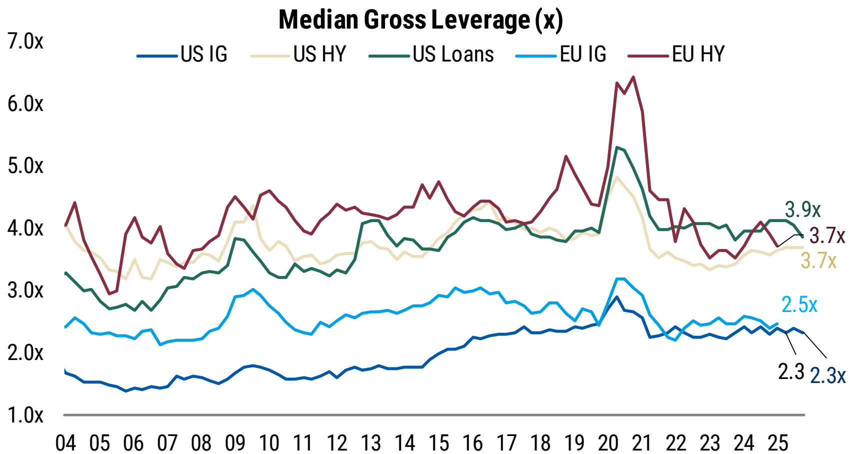


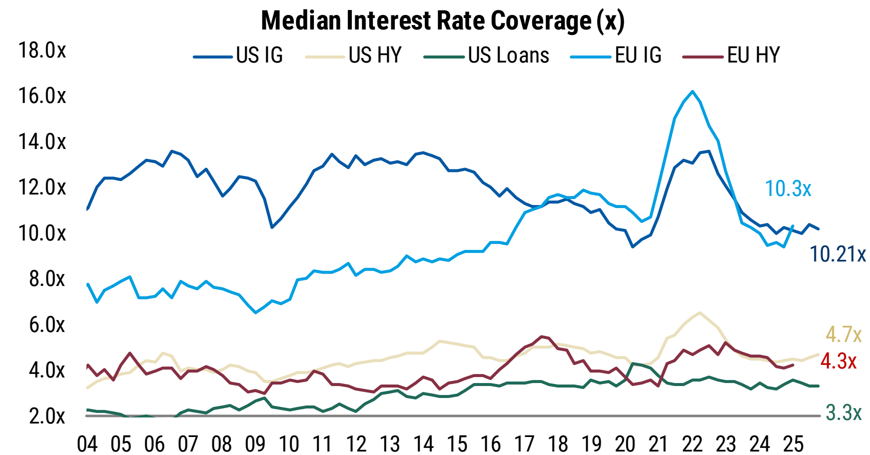


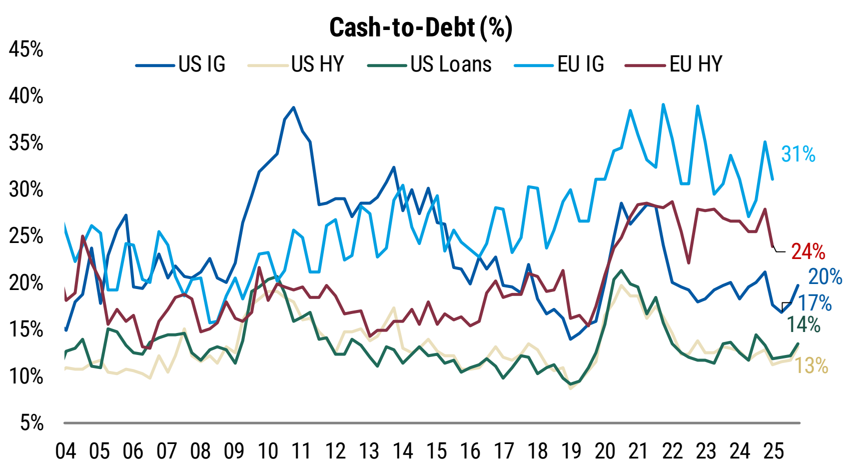


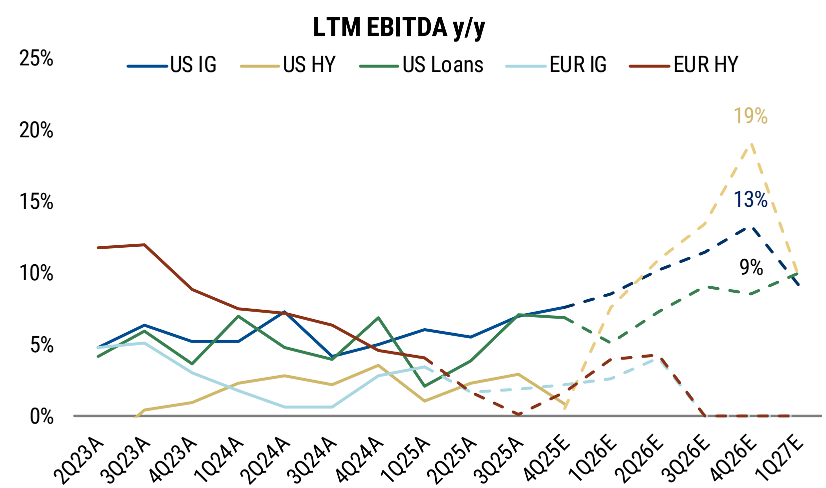
Source: Moody's, PitchBook | LCD, Morgan Stanley Research

Fundamentals



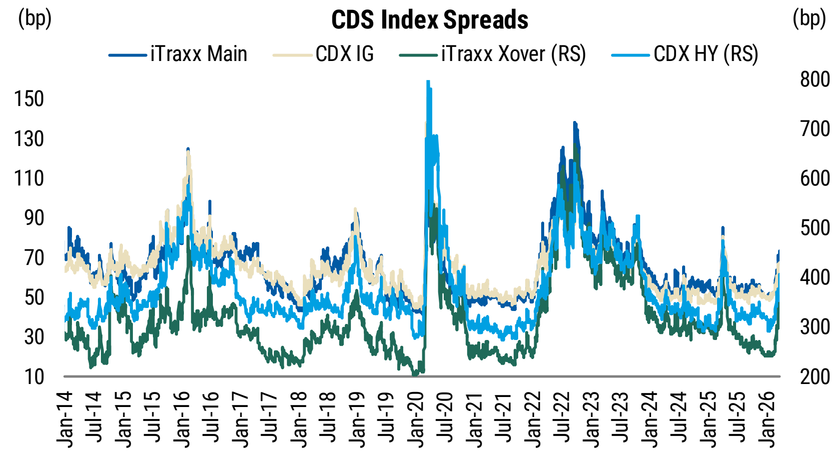


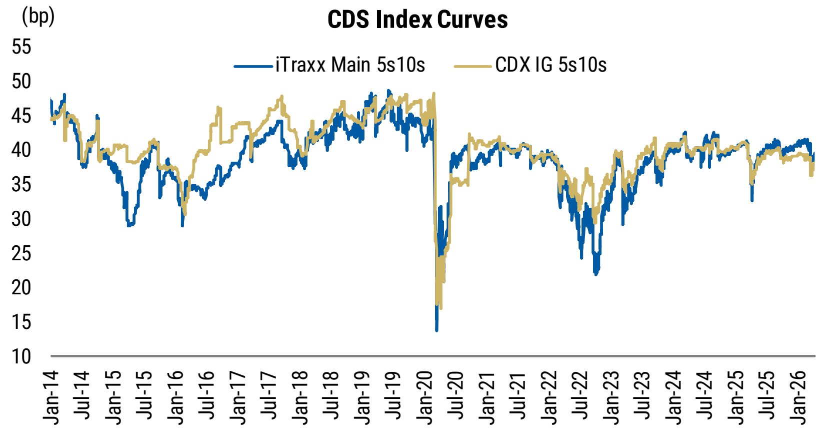


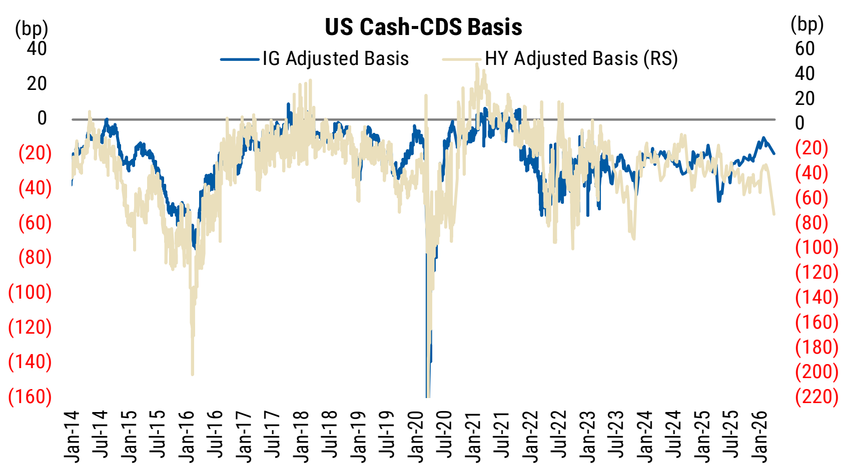


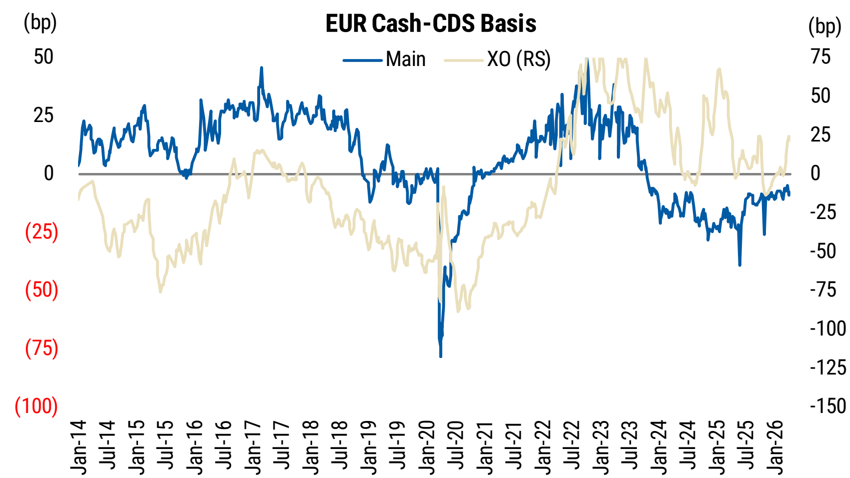
Source: FactSet, Bloomberg, S&P Capital IQ, company data, Morgan Stanley Research. Note: LTM EBITDA y/y figures show Bloomberg consensus from 1Q25 for EU, 4Q25 for US

Credit Derivatives





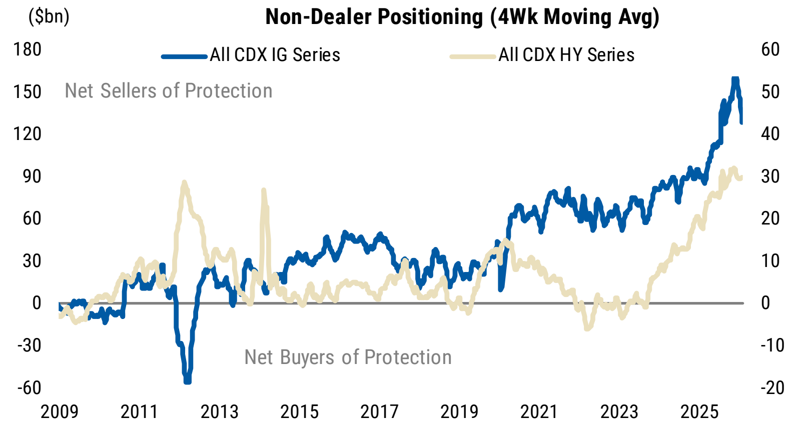




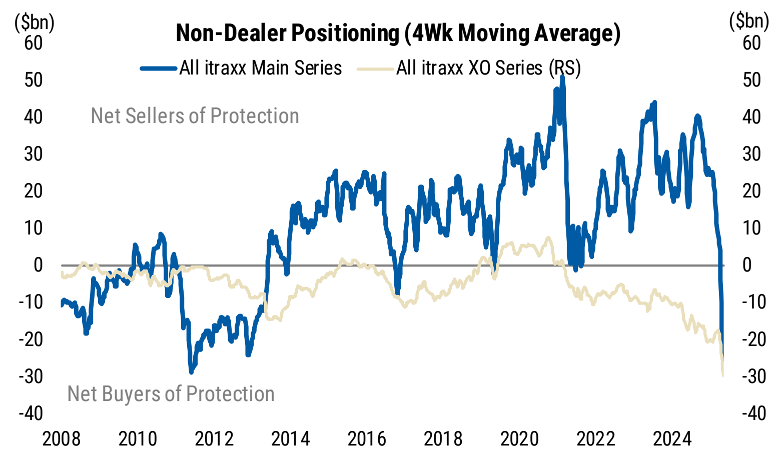
Source: IHS Markit, Bloomberg, Morgan Stanley Research; Note: US Cash CDS basis Data as of April 10, 2026

Non-Dealer CDS Positioning

Net Positioning ($bn)		Change			Percentile			
	Current	1W	2W	1M	6M	1Y	2Y	5Y
IG41	2.8	-0.4	0.5	1.3				
IG42	-0.4	0.8	-0.1	-3.2				
IG43	2.2	-1.2	-1.9	-2.4				
IG44	5.2	-0.7	-2.8	-7.5				
IG45	54.9	-12.0	-28.2	-57.2				
IG46	48.5	11.5	27.6	-				
All CDX IG	120.8	-3.8	-9.2	-24.8	0%	48%	74%	90%
HY41	3.1	0.0	-0.1	-0.3				
HY42	2.8	0.1	0.2	0.2				
HY43	1.1	-0.1	-0.4	-0.1				
HY44	0.3	0.4	0.1	0.8				
HY45	16.7	4.6	-4.2	-4.0				
HY46	4.4	-4.5	-	-				
All CDX HY	29.9	-0.2	-0.7	0.2	46%	71%	85%	94%



Net Positioning ($bn)		Change			Percentile			
	Current	1-Wk	2-Wk	1/M	6M	1Y	2Y	5Y
Main40	2.6	-0.1	0.6	1.3				
Main41	0.8	-0.2	-0.1	0.3				
Main42	-1.3	-0.3	-0.3	0.2				
Main43	2.2	-0.3	0.4	-0.1				
Main44	4.1	10.7	18.8	19.7				
Main45	-12.6	3.6	-2.6	-				
All Main Series	-16.6	11.6	13.8	7.1	15%	8%	4%	2%
XO40	-2.3	-0.1	-0.2	-0.1				
XO41	-0.9	-0.3	-0.1	-0.1				
XO42	-5.0	0.1	0.0	0.0				
XO43	0.7	-0.1	0.0	0.7				
XO44	-16.6	1.1	3.1	-0.7				
XO45	-6.9	-0.1	-5.0	-				
All XO Series	-31.5	0.4	-2.8	-7.8	4%	2%	1%	0%



Source: DTCC, Morgan Stanley Research; Note: Data as of April 3. 2026

US IG – Best + Worst Performing Single As

Best Performing 3-10y Single A Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	TPG	4.875	15/05/31	Financial	BBB+ / A3 / A-	109	(26)	n/a
2	COP	6.950	15/04/29	Energy	A- / A2 / A	34	(22)	(17)
3	MFCCN	4.986	11/12/35	Financial	A / NR / A	80	(22)	(4)
4	JPM	4.586	26/04/33	Financial	A / A1 / AA-	70	(20)	4
5	BAMCN	5.298	15/01/36	Financial	A- / NR / A	116	(20)	1
6	USB	4.967	22/07/33	Financial	A- / A3 / A-	92	(20)	(3)
7	VMW	2.200	15/08/31	Technology	A- / NR / A-	59	(20)	(7)
8	HNDA	5.100	08/01/36	Consumer, Cyclical	BBB+ / A3 / A-	110	(20)	n/a
9	PRUFIN	3.125	14/04/30	Financial	A+ / A2 / NR	40	(19)	(14)
10	BNCN	6.087	14/06/33	Financial	A- / A3 / A-	101	(19)	4

Worst Performing 3-10y Single A Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	HON	5.000	15/02/33	Industrial	A / A2 / A	48	9	(8)
2	RUSHOB	3.922	15/11/29	Consumer, Non-cyclical	A+ / A1 / AA-	57	5	6
3	INTU	5.200	15/09/33	Technology	A / A3 / NR	79	3	29
4	UPMCHS	5.035	15/05/33	Consumer, Non-cyclical	A / A2 / A	66	3	(8)
5	ADBE	4.950	04/04/34	Technology	A+ / A1 / NR	72	2	30
6	IBM	2.720	09/02/32	Technology	A- / A3 / A-	74	1	9
7	BABA	4.500	28/11/34	Communications	A+ / A1 / A	55	1	(3)
8	JD	3.375	14/01/30	Communications	A- / A3 / NR	43	0	(4)
9	SR	5.150	15/08/34	Utilities	A / A1 / NR	76	0	4
10	UAL	2.700	01/05/32	Consumer, Cyclical	NR / Aa3 / A+	71	0	(16)

Best Performing 10Y+ Single A Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	D	6.350	30/11/37	Utilities	BBB+ / A3 / A	90	(24)	(7)
2	AAL	4.900	11/05/38	Consumer, Cyclical	A+ / NR / A-	104	(23)	18
3	MET	4.125	13/08/42	Financial	A- / A3 / A-	87	(20)	6
4	RJF	5.650	11/09/55	Financial	A- / A3 / A-	97	(20)	1
5	ED	4.125	15/05/49	Utilities	A- / A3 / A-	80	(20)	(8)
6	ES	4.400	01/03/44	Utilities	A- / A2 / A	82	(20)	(4)
7	MA	3.950	26/02/48	Financial	A+ / Aa3 / NR	63	(20)	5
8	BNCN	5.813	03/03/55	Financial	A- / A3 / A-	118	(19)	9
9	MET	4.875	13/11/43	Financial	A- / A3 / A-	84	(19)	8
10	GS	3.210	22/04/42	Financial	BBB+ / A2 / A	91	(19)	13

Worst Performing 10Y+ Single A Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	CATHLI	3.368	01/07/50	Consumer, Non-cyclical	A- / NR / A-	93	14	1
2	HON	2.800	01/06/50	Industrial	A / A2 / A	54	9	9
3	IBM	7.125	01/12/96	Technology	A- / A3 / A-	145	6	32
4	MIHLTH	3.409	01/06/50	Consumer, Non-cyclical	A+ / NR / AA-	91	5	5
5	BFB	4.000	15/04/38	Consumer, Non-cyclical	A- / A2 / NR	90	4	12
6	INTU	5.500	15/09/53	Technology	A / A3 / NR	127	3	49
7	PREHCS	4.875	01/08/52	Consumer, Non-cyclical	A+ / A1 / AA-	87	3	1
8	TOLHOS	5.750	15/11/38	Consumer, Non-cyclical	AA / A1 / NR	40	2	(6)
9	UPMCHS	5.377	15/05/43	Consumer, Non-cyclical	A / A2 / A	92	2	0
10	CRM	6.700	15/03/66	Technology	A+ / A2 / NR	174	2	n/a

Source: Bloomberg, Morgan Stanley Research

US IG – Best + Worst Performing BBBs

Best Performing 3-10y Single BBB Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	CGBD	5.750	15/02/31	Financial	NR / Baa3 / BBB-	277	(45)	45
2	KD	6.350	20/02/34	Technology	BBB- / Baa2 / BBB	292	(43)	153
3	INDB	7.250	01/04/35	Financial	NR / NR / BBB-	158	(41)	(90)
4	KD	3.150	15/10/31	Technology	BBB- / Baa2 / BBB	239	(39)	132
5	MSDL	6.150	17/05/29	Financial	NR / Baa3 / BBB-	170	(36)	11
6	GSBD	5.650	09/09/30	Financial	NR / Baa3 / BBB-	238	(35)	55
7	BCRED	5.600	22/11/29	Financial	BBB- / Baa2 / NR	229	(34)	60
8	BCRED	5.950	16/07/29	Financial	BBB- / Baa2 / NR	231	(34)	63
9	UHS	2.650	15/01/32	Consumer, Non-cyclical	BBB- / Baa3 / BBB-	94	(34)	(13)
10	F	5.869	31/10/35	Consumer, Cyclical	BBB- / Ba1 / BBB-	187	(33)	(3)

Worst Performing 3-10y Single BBB Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	MU	6.050	01/11/35	Technology	BBB / Baa2 / BBB	94	24	(8)
2	FCX	5.250	01/09/29	Basic Materials	BBB- / Baa2 / BBB	40	19	29
3	MU	5.300	15/01/31	Technology	BBB / Baa2 / BBB	42	18	(32)
4	MU	5.650	01/11/32	Technology	BBB / Baa2 / BBB	70	13	(13)
5	CBT	4.000	01/07/29	Basic Materials	BBB / Baa2 / NR	66	12	(3)
6	IT	5.600	20/11/35	Technology	BBB- / Baa3 / BBB	218	12	73
7	FYBR	5.875	01/11/29	Communications	NR / Baa3 / BBB+	53	10	31
8	OWL	4.375	15/02/32	Financial	BBB / NR / BBB+	263	9	115
9	EA	1.850	15/02/31	Technology	BBB+ / Baa1 / A-	-24	8	88
10	TEAM	5.500	15/05/34	Technology	BBB / Baa2 / NR	173	7	80

Best Performing 10Y+ Single BBB Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	CRBG	6.875	15/12/52	Financial	BBB- / Baa3 / BBB-	186	(75)	(8)
2	AXS	4.900	15/01/40	Financial	BBB / Baa2 / NR	173	(58)	(58)
3	EPD	5.250	16/08/77	Energy	BBB / Baa1 / BBB	172	(55)	(31)
4	PRU	5.125	01/03/52	Financial	BBB+ / Baa1 / BBB	156	(51)	10
5	ENBCN	7.375	15/03/55	Energy	BBB- / Baa3 / BBB-	170	(50)	(34)
6	PRU	3.700	01/10/50	Financial	BBB+ / Baa1 / BBB	176	(49)	10
7	NRUC	7.125	15/09/53	Utilities	BBB / A3 / BBB+	104	(44)	(49)
8	D	6.875	01/02/55	Utilities	BBB- / Baa3 / BBB-	180	(44)	(24)
9	AER	6.500	31/01/56	Financial	BBB- / Baa2 / BBB-	194	(42)	(4)
10	AER	6.950	10/03/55	Financial	BBB- / Baa2 / BBB-	182	(42)	(11)

Worst Performing 10Y+ Single BBB Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	SYY	4.500	01/04/46	Consumer, Non-cyclical	BBB / Baa2 / BBB	125	10	37
2	MSINAI	3.737	01/07/49	Consumer, Non-cyclical	BBB / Baa3 / NR	171	7	17
3	EE	5.000	01/12/44	Utilities	NR / Baa2 / BBB+	134	7	5
4	ORCL	5.875	26/09/45	Technology	BBB / Baa2 / BBB	241	5	38
5	ORCL	6.850	04/02/66	Technology	NR / Baa2 / BBB	273	5	n/a
6	ORCL	4.100	25/03/61	Technology	BBB / Baa2 / BBB	224	5	32
7	NATMUT	6.750	15/05/37	Financial	BBB- / Baa2 / NR	244	4	(19)
8	ORCL	3.850	01/04/60	Technology	BBB / Baa2 / BBB	222	3	29
9	SYY	6.600	01/04/40	Consumer, Non-cyclical	BBB / Baa2 / BBB	127	3	22
10	ORCL	5.500	27/09/64	Technology	BBB / Baa2 / BBB	256	3	35

Source: Bloomberg, Morgan Stanley Research

US IG – Best + Worst Performing Bonds by Sector

Best Performing Bonds by Sector

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
Basic Materials								
1	SUZANO	6.000	15/01/29	Basic Materials	BBB- / NR / BBB-	100	(36)	(30)
2	SUZANO	5.500	15/01/36	Basic Materials	BBB- / Baa3 / BBB-	141	(33)	(7)
3	SUZANO	5.000	15/01/30	Basic Materials	BBB- / NR / BBB-	122	(31)	(13)
Communications								
1	TMUS	3.750	15/04/27	Communications	BBB / Baa1 / BBB+	37	(23)	(9)
2	CHTR	6.484	23/10/45	Communications	BBB- / Ba1 / BBB-	227	(23)	(6)
3	CMCSA	3.300	01/04/27	Communications	A- / A3 / A-	34	(22)	1
Consumer, Cyclical								
1	UAL	3.100	07/07/28	Consumer, Cyclical	NR / Aa3 / A	45	(39)	(42)
2	F	5.869	31/10/35	Consumer, Cyclical	BBB- / Ba1 / BBB-	187	(33)	(3)
3	SANLTD	4.375	18/06/30	Consumer, Cyclical	BBB- / Baa2 / BBB	107	(32)	1
Consumer, Non-cyclical								
1	CNC	4.625	15/12/29	Consumer, Non-cyclical	BB+ / Ba1 / BBB-	172	(45)	(3)
2	CNC	3.000	15/10/30	Consumer, Non-cyclical	BB+ / Ba1 / BBB-	190	(42)	8
3	CNC	2.500	01/03/31	Consumer, Non-cyclical	BB+ / Ba1 / BBB-	202	(35)	17
Energy								
1	DVN	5.250	15/10/2027	Energy	BBB / Baa2 / BBB+	-91	(149)	158
2	DVN	5.875	15/06/2028	Energy	BBB / Baa2 / BBB+	-40	(123)	4
3	EPD	5.250	16/08/2077	Energy	BBB / Baa1 / BBB	172	(55)	(31)
Financial								
1	CRBG	6.875	15/12/52	Financial	BBB- / Baa3 / BBB-	186	(75)	(8)
2	AXS	4.900	15/01/40	Financial	BBB / Baa2 / NR	173	(58)	(58)
3	PRU	5.125	01/03/52	Financial	BBB+ / Baa1 / BBB	156	(51)	10
Industrial								
1	APH	5.050	05/04/27	Industrial	A- / A3 / NR	15	(32)	(17)
2	EMBRBZ	5.400	09/01/38	Industrial	BBB / NR / BBB-	122	(28)	(7)
3	EMBRBZ	5.980	11/02/35	Industrial	BBB / NR / BBB-	108	(20)	3
Technology								
1	CNXC	6.500	01/03/29	Technology	BBB- / Baa3 / BBB	347	(45)	n/a
2	KD	6.350	20/02/34	Technology	BBB- / Baa2 / BBB	292	(43)	153
3	TTWO	3.700	14/04/27	Technology	BBB / Baa2 / NR	55	(41)	4
Utilities								
1	NRUC	7.125	15/09/53	Utilities	BBB / A3 / BBB+	104	(44)	(49)
2	D	6.875	01/02/55	Utilities	BBB- / Baa3 / BBB-	180	(44)	(24)
3	CMS	4.750	01/06/50	Utilities	BBB- / Baa3 / BB+	135	(39)	(17)

Worst Performing Bonds by Sector

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
Basic Materials								
1	FCX	5.250	01/09/29	Basic Materials	BBB- / Baa2 / BBB	40	19	29
2	CBT	4.000	01/07/29	Basic Materials	BBB / Baa2 / NR	66	12	(3)
3	CELARA	3.875	02/11/27	Basic Materials	BBB- / Baa3 / BBB	103	5	(0)
Communications								
1	VRSN	4.750	15/07/27	Communications	BBB / Baa3 / NR	58	14	(25)
2	FYBR	5.875	01/11/29	Communications	NR / Baa3 / BBB+	53	10	31
3	FYBR	6.860	01/02/28	Communications	NR / NR / BBB+	114	3	(14)
Consumer, Cyclical								
1	LUV	3.450	16/11/27	Consumer, Cyclical	BBB / Baa2 / BBB+	91	8	16
2	AAL	3.575	15/01/28	Consumer, Cyclical	AA- / A2 / NR	92	6	1
3	PCAR	4.250	23/06/27	Consumer, Cyclical	A+ / A1 / NR	20	6	(1)
Consumer, Non-cyclical								
1	CATHLI	3.368	01/07/50	Consumer, Non-cyclical	A- / NR / A-	93	14	1
2	SYY	4.500	01/04/46	Consumer, Non-cyclical	BBB / Baa2 / BBB	125	10	37
3	CRSTUS	4.341	01/07/28	Consumer, Non-cyclical	A / A2 / NR	71	9	6
Energy								
1	EXE	5.375	01/02/2029	Energy	BBB- / Baa3 / BBB-	66	26	83
2	TRGP	5.000	15/01/28	Energy	BBB / Baa2 / BBB	70	12	(12)
3	EQT	3.900	01/10/27	Energy	BBB- / Baa3 / BBB	84	11	18
Financial								
1	PNFP	5.625	15/02/28	Financial	BBB / NR / BBB	129	17	25
2	MTG	5.250	15/08/28	Financial	BBB- / Baa2 / NR	65	10	(25)
3	OWL	4.375	15/02/32	Financial	BBB / NR / BBB+	263	9	115
Industrial								
1	AVT	6.250	15/03/28	Industrial	BBB- / Baa3 / BBB-	91	12	(5)
2	HON	2.800	01/06/50	Industrial	A / A2 / A	54	9	9
3	R	4.300	15/06/27	Industrial	BBB+ / Baa1 / BBB+	52	9	4
Technology								
1	MU	6.050	01/11/35	Technology	BBB / Baa2 / BBB	94	24	(8)
2	MU	5.300	15/01/31	Technology	BBB / Baa2 / BBB	42	18	(32)
3	MU	5.650	01/11/32	Technology	BBB / Baa2 / BBB	70	13	(13)
Utilities								
1	FE	4.150	15/03/28	Utilities	A- / A3 / A	46	35	n/a
2	NFG	4.750	01/09/28	Utilities	BBB- / Baa3 / BBB	91	15	21
3	EE	5.000	01/12/44	Utilities	NR / Baa2 / BBB+	134	7	5

Source: Bloomberg, Morgan Stanley Research

EUR IG – Best + Worst Performing Single As

Best Performing 3-10y Single A Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	LRFP	0.750	20/05/30	Industrial	A- / NR / NR	47	(46)	(3)
2	HENKEL	0.500	17/11/32	Consumer, Non-cyclical	A / A2 / NR	45	(43)	(7)
3	LSELN	1.750	19/09/29	Financial	A / A3 / NR	69	(40)	12
4	CFRVX	1.500	26/03/30	Consumer, Cyclical	A+ / NR / NR	47	(35)	(5)
5	CCEP	1.875	18/03/30	Consumer, Non-cyclical	NR / A3 / A-	54	(35)	(12)
6	DE	3.300	15/10/29	Industrial	A / A1 / A+	53	(34)	(3)
7	DSYFP	0.375	16/09/29	Technology	A / NR / NR	47	(34)	(8)
8	HNDA	3.650	23/04/31	Consumer, Cyclical	BBB+ / A3 / A-	104	(33)	6
9	VCXAU	1.125	07/11/29	Financial	A / A2 / NR	93	(33)	9
10	TOYOTA	4.050	13/09/29	Consumer, Cyclical	A+ / A1 / A+	58	(33)	(4)

Worst Performing 3-10y Single A Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	BASGR	1.450	13/12/32	Basic Materials	NR / A3 / A	15	7	15
2	HON	3.750	01/03/36	Industrial	A / A2 / A	98	3	(4)
3	WDPBB	3.125	15/01/31	Financial	NR / A3 / NR	118	1	21
4	APH	3.625	30/03/31	Industrial	A- / A3 / NR	81	0	n/a
5	VOWIBA	3.625	09/09/31	Financial	NR / A2 / NR	121	(0)	12
6	BSX	3.250	03/08/34	Consumer, Non-cyclical	A- / A3 / A-	92	(1)	13
7	DSFIR	3.625	07/02/34	Basic Materials	A- / A3 / NR	105	(1)	22
8	IIILN	4.875	14/06/29	Financial	A- / A3 / NR	91	(1)	(2)
9	KBCBB	3.750	27/03/32	Financial	A- / A3 / A	98	(1)	17
10	EDENFP	3.625	08/05/32	Consumer, Non-cyclical	A- / NR / NR	107	(1)	(4)

Best Performing 10Y+ Single A Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	AGSBB	3.250	02/07/49	Financial	A- / NR / A-	117	(30)	(10)
2	HBANSW	3.375	29/09/47	Financial	A- / NR / NR	130	(29)	17
3	DBOERS	1.250	16/06/47	Financial	A / NR / NR	72	(27)	(23)
4	PLD	1.000	16/02/41	Financial	A / A2 / NR	114	(25)	6
5	SCOR	4.522	10/09/55	Financial	A- / NR / NR	130	(25)	(5)
6	PRIFII	4.375	01/07/36	Financial	A- / A3 / NR	115	(24)	2
7	C	4.113	29/04/36	Financial	BBB+ / A3 / A	104	(23)	(1)
8	INTNED	3.750	10/02/37	Financial	A- / Baa1 / A+	97	(22)	n/a
9	BNP	3.979	06/05/36	Financial	A- / Baa1 / A+	107	(22)	(4)
10	NWIDE	3.854	03/02/37	Financial	BBB+ / A3 / A	98	(21)	n/a

Worst Performing 10Y+ Single A Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	HEIANA	3.872	10/03/37	Consumer, Non-cyclical	NR / A3 / NR	103	(1)	11
2	TMO	2.000	18/10/51	Consumer, Non-cyclical	A- / A2 / A-	105	(1)	1
3	EJRAIL	4.389	05/09/43	Industrial	A+ / A1 / NR	109	(3)	5
4	LLY	1.125	14/09/51	Consumer, Non-cyclical	A+ / Aa3 / NR	71	(3)	(4)
5	EJRAIL	1.104	15/09/39	Industrial	A+ / A1 / NR	81	(4)	2
6	BVIFP	3.500	22/05/36	Consumer, Non-cyclical	NR / A3 / NR	85	(4)	4
7	GE	2.125	17/05/37	Industrial	A- / A2 / NR	76	(5)	0
8	EJRAIL	3.533	04/09/36	Industrial	A+ / A1 / NR	83	(5)	5
9	EJRAIL	4.110	22/02/43	Industrial	A+ / A1 / NR	108	(5)	4
10	CB	2.500	15/03/38	Financial	A / A2 / A	87	(5)	6

Source: Bloomberg, Morgan Stanley Research

EUR IG – Best + Worst Performing BBBs

Best Performing 3-10y Single BBB Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	ETEGA	8.000	03/01/34	Financial	NR / Baa3 / NR	153	(53)	15
2	STLA	1.125	18/09/29	Consumer, Cyclical	BBB- / Baa3 / NR	92	(47)	5
3	NEXIIM	3.875	21/05/31	Consumer, Non-cyclical	BBB- / NR / BBB-	132	(47)	5
4	STLA	3.500	19/09/30	Consumer, Cyclical	BBB- / Baa3 / NR	133	(46)	20
5	BALDER	2.000	18/01/31	Financial	BBB / NR / NR	152	(45)	15
6	ALTAFP	5.500	02/10/31	Financial	BBB- / NR / NR	167	(44)	(1)
7	ICPLN	2.500	28/01/30	Financial	BBB+ / NR / BBB+	137	(44)	24
8	AL	3.700	15/04/30	Financial	BBB / NR / BBB	103	(42)	(6)
9	ARNDTN	3.500	13/05/30	Financial	BBB / NR / NR	149	(42)	11
10	VW	0.625	19/07/29	Consumer, Cyclical	BBB+ / A1 / NR	76	(41)	(6)

Worst Performing 3-10y Single BBB Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	SNFF	4.500	15/03/32	Basic Materials	BBB- / NR / NR	107	17	1
2	FDX	0.450	04/05/29	Industrial	BBB / Baa2 / NR	93	17	19
3	CASTSS	0.875	17/09/29	Financial	NR / Baa2 / NR	20	8	8
4	BOCYCY	5.000	02/05/29	Financial	BBB- / Baa3 / NR	147	7	80
5	UNIMUS	3.750	30/06/32	Consumer, Cyclical	BBB+ / Baa1 / NR	117	7	20
6	VGPBB	4.250	29/01/31	Financial	NR / NR / BBB-	191	5	46
7	DOLOEN	3.500	09/10/30	Utilities	NR / NR / BBB+	64	5	(14)
8	EUROB	5.875	28/11/29	Financial	BBB- / Baa1 / BBB-	83	5	3
9	SKFBSS	0.875	15/11/29	Industrial	NR / Baa1 / BBB+	19	5	18
10	VGPBB	2.250	17/01/30	Financial	NR / NR / BBB-	161	4	24

Best Performing 10Y+ Single BBB Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	MRKGR	2.875	25/06/79	Consumer, Non-cyclical	BBB+ / Baa2 / NR	107	(40)	(20)
2	ACAFP	2.625	29/01/48	Financial	BBB+ / NR / NR	109	(37)	8
3	VW	1.500	21/01/41	Consumer, Cyclical	BBB+ / Baa1 / A-	134	(34)	10
4	DWNIGY	1.300	07/04/41	Financial	BBB+ / NR / NR	136	(33)	23
5	RWE	4.125	18/06/55	Utilities	NR / Baa3 / BBB-	148	(28)	(2)
6	ABANCA	4.625	11/12/36	Financial	NR / Baa2 / BBB-	158	(27)	1
7	CAZAR	4.125	18/08/36	Financial	NR / Baa2 / NR	152	(27)	9
8	ASSGEN	5.500	27/10/47	Financial	NR / Baa1 / A-	113	(26)	21
9	RWE	4.625	18/06/55	Utilities	NR / Baa3 / BBB-	173	(24)	(1)
10	HSBC	4.191	19/05/36	Financial	BBB+ / Baa1 / A-	143	(24)	8

Worst Performing 10Y+ Single BBB Bonds

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
1	FDX	4.125	30/07/37	Industrial	BBB / Baa2 / NR	125	0	2
2	ENGIFP	5.950	16/03/11	Utilities	BBB+ / Baa1 / A-	138	(2)	13
3	BNP	3.945	18/02/37	Financial	BBB+ / Baa2 / A-	157	(2)	22
4	TMUS	3.800	02/11/45	Communications	BBB / Baa1 / BBB+	129	(3)	6
5	ANNGR	1.625	07/10/39	Financial	BBB+ / Baa1 / BBB+	148	(5)	24
6	SYDAU	4.125	30/04/36	Industrial	BBB+ / Baa1 / NR	114	(5)	14
7	MCD	4.000	15/05/38	Consumer, Cyclical	BBB+ / Baa1 / NR	99	(5)	n/a
8	DT	2.250	29/03/39	Communications	BBB+ / A3 / BBB+	69	(6)	2
9	NEE	4.200	26/02/56	Utilities	BBB / Baa2 / BBB	159	(6)	n/a
10	NEE	3.996	15/05/56	Utilities	BBB / Baa2 / BBB	151	(6)	(2)

Source: Bloomberg, Morgan Stanley Research

EUR IG – Best + Worst Performing Bonds by Sector

Best Performing Bonds by Sector

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
Basic Materials								
1	MNDILN	2.375	01/04/28	Basic Materials	BBB / Baa1 / NR	65	(78)	0
2	ALB	1.625	25/11/28	Basic Materials	BBB- / Baa3 / BBB-	49	(58)	(8)
3	UPMFH	0.125	19/11/28	Basic Materials	BBB / Baa1 / NR	50	(44)	(2)
Communications								
1	ORAFP	1.375	00/01/00	Communications	BBB- / Baa3 / BBB-	101	(37)	(23)
2	GLW	4.125	15/05/31	Communications	BBB+ / Baa1 / NR	73	(37)	3
3	BKNG	3.625	12/11/28	Communications	A- / A3 / NR	47	(36)	(4)
Consumer, Cyclical								
1	VW	3.875	00/01/00	Consumer, Cyclical	BBB- / Baa3 / BBB	198	(89)	(8)
2	PCIM	4.250	18/01/28	Consumer, Cyclical	BBB- / NR / BBB	61	(82)	(3)
3	VW	4.375	00/01/00	Consumer, Cyclical	BBB- / Baa3 / BBB	234	(68)	(0)
Consumer, Non-cyclical								
1	ALCSW	2.375	31/05/28	Consumer, Non-cyclical	BBB+ / Baa1 / NR	32	(61)	(14)
2	AZN	1.250	12/05/28	Consumer, Non-cyclical	A+ / A1 / NR	-3	(61)	(52)
3	NEXIIM	3.875	21/05/31	Consumer, Non-cyclical	BBB- / NR / BBB-	132	(47)	5
Energy								
1	ENIIM	3.375	00/01/00	Energy	BBB / Baa2 / BBB	137	(41)	(4)
2	OMVAV	2.000	09/04/28	Energy	NR / A3 / A-	40	(39)	12
3	ENIIM	2.750	00/01/00	Energy	BBB / Baa2 / BBB	148	(37)	(7)
Financial								
1	TKOFP	1.625	31/03/29	Financial	BBB- / NR / BBB-	186	(67)	54
2	ETEGA	8.000	03/01/34	Financial	NR / Baa3 / NR	153	(53)	15
3	AKFAST	1.000	17/01/28	Financial	BBB- / NR / NR	105	(50)	16
Industrial								
1	LRFP	0.750	20/05/30	Industrial	A- / NR / NR	47	(46)	(3)
2	UPS	1.000	15/11/28	Industrial	A / A2 / NR	25	(44)	7
3	TEL	0.000	16/02/29	Industrial	A- / A3 / A-	43	(41)	4
Technology								
1	RCFFP	5.250	22/11/28	Technology	BBB / NR / NR	112	(39)	26
2	DSYFP	0.375	16/09/29	Technology	A / NR / NR	47	(34)	(8)
3	AAPL	1.375	24/05/29	Technology	AA+ / Aaa / NR	28	(33)	0
Utilities								
1	ENELIM	6.375	00/01/00	Utilities	BB+ / Baa3 / BBB-	142	(46)	22
2	IBESM	2.250	00/01/00	Utilities	BBB- / NR / BBB	118	(43)	(7)
3	IBESM	4.247	00/01/00	Utilities	BBB- / Baa3 / BBB	125	(42)	(2)

Worst Performing Bonds by Sector

Rank	Ticker	Coupon	Maturity	Sector	Rating (S&P/Moody's/Fitch)	Current Spread (bp)	MTD Spread Change (bp)	YTD Spread Change (bp)
Basic Materials								
1	SNFF	4.500	15/03/32	Basic Materials	BBB- / NR / NR	107	17	1
2	BASGR	1.450	13/12/32	Basic Materials	NR / A3 / A	15	7	15
3	EVKGR	2.250	25/09/27	Basic Materials	BBB+ / Baa2 / NR	64	1	13
Communications								
1	TELIAS	3.000	07/09/27	Communications	BBB+ / Baa1 / NR	30	0	(4)
2	GSWITC	1.375	07/10/30	Communications	BBB / Baa2 / BBB	48	(1)	12
3	BRITEL	1.500	23/06/27	Communications	BBB / Baa2 / BBB	43	(1)	1
Consumer, Cyclical								
1	RENAUL	4.500	06/04/27	Consumer, Cyclical	BBB- / Baa1 / NR	83	22	10
2	SWFP	0.750	14/04/27	Consumer, Cyclical	BBB+ / NR / BBB+	28	8	15
3	MLFP	1.750	28/05/27	Consumer, Cyclical	A / A2 / A	56	7	20
Consumer, Non-cyclical								
1	CCHLN	1.000	14/05/27	Consumer, Non-cyclical	BBB+ / Baa1 / NR	47	9	2
2	CASHSM	3.380	09/10/30	Consumer, Non-cyclical	NR / NR / NR	124	2	(5)
3	TACHEM	0.750	09/07/27	Consumer, Non-cyclical	BBB+ / Baa1 / NR	43	2	(6)
Energy								
1	TTEFP	1.491	08/04/2027	Energy	A+ / Aa3 / NR	32	(0)	(3)
2	OMVAV	2.375	04/09/32	Energy	NR / A3 / A-	53	(2)	10
3	VWSDC	3.750	15/06/33	Energy	NR / Baa2 / NR	101	(7)	n/a
Financial								
1	CASTSS	0.875	17/09/29	Financial	NR / Baa2 / NR	20	8	8
2	BOCYCY	5.000	02/05/29	Financial	BBB- / Baa3 / NR	147	7	80
3	GLJGR	7.875	06/04/27	Financial	BBB / NR / BBB	94	7	(2)
Industrial								
1	FDX	0.450	04/05/29	Industrial	BBB / Baa2 / NR	93	17	19
2	HUHTAM	4.250	09/06/27	Industrial	BBB- / NR / NR	65	14	28
3	AZZAER	2.625	30/05/27	Industrial	NR / Baa3 / NR	104	9	15
Technology								
1	ASML	1.625	28/05/27	Technology	NR / A1 / A+	35	(0)	1
2	DXC	0.450	15/09/27	Technology	BBB- / Baa2 / BBB-	92	(5)	19
3	MSFT	3.125	06/12/28	Technology	AAA / Aaa / NR	31	(5)	2
Utilities								
1	TPEPW	2.375	05/07/27	Utilities	NR / NR / BBB-	106	6	(23)
2	DOLOEN	3.500	09/10/30	Utilities	NR / NR / BBB+	64	5	(14)
3	EPEN	6.651	13/11/28	Utilities	BBB- / NR / BBB-	141	3	11

Source: Bloomberg, Morgan Stanley Research

US IG – Single A & BBB 5-10Y Carry and Roll-Down Screen

Name	Bond	Rating	Price	Spreads (bp)	Duration	1yr Roll (bp)	Carry + Roll (bp)
A							
SALESFORCE INC	CRM 5.55 03/15/36	A2	100	124	7.6	28	152
SOUTHERN CAL EDISON	EIX 5.55 01/15/36	A3	100	121	7.4	21	142
SKY GROUP FINANCE PLC	CMCSA 6 1/2 10/15/35	A3	108	112	7.0	29	141
DAIMLER TRUCK FINAN NA	DTRGR 5 5/8 01/13/35	A3	102	106	6.8	20	126
BMW US CAPITAL LLC	BMW 5.4 03/21/35	A2	101	100	7.0	25	125
MERCEDES-BENZ FIN NA	MBGGR 5 1/8 08/01/34	A2	100	100	6.7	23	123
ENTERPRISE PRODUCTS OPER	EPD 5 3/4 03/01/35	A3	103	105	6.9	17	122
HYUNDAI CAPITAL AMERICA	HYNMTR 4.8 01/10/33	A3	98	107	5.6	13	120
SAUDI ARABIAN OIL CO	ARAMCO 5 3/8 06/02/35	A1	100	105	7.0	15	120
COMMONSPIRIT HEALTH	CATMED 4.975 09/01/35	A3	98	99	7.4	14	113
BBB							
STELLANTIS FIN US INC	STLA 6.45 03/18/35	BBB3	100	213	6.7	51	264
COMISION FEDERAL DE ELEC	CFELEC 6.045 01/28/34	BBB2	99	211	6.1	27	238
ORACLE CORP	ORCL 5.7 02/04/36	BBB2	96	191	7.3	45	236
TIME WARNER CABLE ENTRMN	CHTR 8 3/8 07/15/33	BBB3	114	191	5.5	44	235
COX COMMUNICATIONS INC	COXENT 4.8 02/01/35	BBB2	91	189	6.9	44	233
FORD MOTOR CREDIT CO LLC	F 6 1/2 02/07/35	BBB3	102	190	6.6	30	220
OFFICE CHERIFIEN DES PHO	OCPMR 6.7 03/01/36	BBB3	105	173	7.2	23	196
BOSTON PROPERTIES LP	BXP 6 1/2 01/15/34	BBB2	105	146	6.0	45	191
BAXTER INTERNATIONAL INC	BAX 2.539 02/01/32	BBB3	85	153	5.2	34	187
CAMPBELLS COMPANY/THE	CPB 5.4 03/21/34	BBB3	98	157	6.3	24	181

Source: ICE, Bloomberg, Morgan Stanley Research

EUR IG – Single A & BBB 5-10Y Carry and Roll-Down Screen

Name	Bond	Rating	Price	Spreads (bp)	Duration	1yr Roll (bp)	Carry + Roll (bp)
A							
VOLKSWAGEN BANK GMBH	VW 3 5/8 10/02/32	A	98	118	5.8	37	155
EDENRED SE	EDENFP 3 3/4 01/15/33	A	99	110	6.0	39	149
BOOKING HOLDINGS INC	BKNG 3 3/4 03/01/36	A	97	107	8.4	34	141
IBM CORP	IBM 3.15 02/10/33	A	96	98	6.2	31	129
LA POSTE SA	FRPTT 0 5/8 01/18/36	A	73	95	9.4	33	128
AUTOROUTES DU SUD DE LA	DGFP 3 1/4 01/19/33	A	97	93	6.1	33	125
BHP BILLITON FINANCE LTD	BHP 3.643 09/04/35	A	97	99	7.9	25	124
RELX FINANCE BV	RELLN 0 7/8 03/10/32	A	85	91	5.8	33	124
ROBERT BOSCH GMBH	RBOSGR 4 06/02/35	A	100	98	7.6	24	123
EAST JAPAN RAILWAY CO	EJRAIL 0.773 09/15/34	A	79	77	8.1	45	123
BBB							
STELLANTIS NV	STLA 4 5/8 06/06/35	BBB	97	205	7.4	70	274
TDC NET AS	TDCDC 4 5/8 10/22/33	BBB	99	190	6.4	71	261
WPP FINANCE 2013	WPPLN 3 5/8 06/09/31	BBB	96	174	4.7	57	231
JDE PEET'S NV	JDEPNA 4 1/2 01/23/34	BBB	101	153	6.5	43	196
FORD MOTOR CREDIT CO LLC	F 4.448 09/16/32	BBB	100	166	5.6	28	194
AKZO NOBEL NV	AKZANA 4 5/8 03/25/36	BBB	100	154	8.2	32	186
FISERV FUNDING UNLTD CO	FISV 3 1/2 06/15/32	BBB	96	143	5.5	38	181
PROSUS NV	PRXNA 4.343 07/15/35	BBB	99	152	7.6	28	180
RCI BANQUE SA	RENAUL 4 1/4 05/23/34	BBB	99	143	7.0	35	178
TELEFONICA EMISIONES SAU	TELEFO 4.055 01/24/36	BBB	98	130	8.2	46	176

Source: ICE, Bloomberg, Morgan Stanley Research

US Capital Structure

		Current	12m Range	OAS (bp) 1 Week Δ	OAS (bp) 1 Month Δ	OAS (bp) 3 Month Δ	OAS (bp) YTD Δ	Excess Return (bp) 1 Week	Excess Return (bp) 1 Month	Excess Return (bp) 3 Month	Excess Return (bp) YTD
US IG		82		-4	-5	+4	+3	+28	+55	+6	+7
Rating	AA	50		-3	-6	+2	+2	+23	+67	+15	+10
Rating	A	68		-3	-5	+4	+4	+26	+55	+5	+4
Rating	BBB+	83		-4	-5	+3	+2	+32	+62	+18	+19
Rating	BBB	101		-4	-4	+6	+5	+28	+45	+6	+7
Rating	BBB-	135		-7	-8	+7	+6	+38	+48	-12	-7
Curve	1-3 Yr	59		-3	-0	+6	+5	+7	+8	+4	+10
Curve	3-5 Yr	73		-4	-4	+3	+1	+20	+22	+15	+21
Curve	5-7 Yr	83		-4	-5	+3	+2	+26	+37	+15	+18
Curve	7-10 Yr	96		-4	-7	+5	+4	+28	+56	+5	+3
Curve	10-25 Yr	95		-4	-8	+2	+2	+50	+96	-8	-13
Curve	25+ Yr	106		-4	-11	+4	+3	+52	+157	+5	-3
Cap Structure	Banks Snr Pref	68		-4	-2	+6	+6	+17	+22	-0	+4
Cap Structure	Banks Snr Non-Pref	73		-3	-3	+7	+6	+16	+34	-12	-12
Cap Structure	Banks Tier 2	112		-5	-4	+8	+7	+33	+46	-26	-17
Cap Structure	Insurance Snr	90		-4	-6	+10	+8	+29	+67	-28	-19
Cap Structure	Insurance Sub	136		-7	-2	+10	+8	+51	+48	-22	-9
Cap Structure	Non-Fin Snr	80		-4	-6	+2	+1	+31	+61	+16	+15
Cap Structure	Non-Fin Subs	159		-8	-3	-6	-9	+57	+46	+92	+108
US HY		295		-19	-15	+21	+15	+71	+67	+34	+64
Senior	BB+	157		-17	+2	+23	+17	+64	+76	+51	+73
Senior	BB	163		-16	-14	+15	+15	+66	+66	+40	+65
Senior	BB-	196		-15	-15	+8	+5	+53	+45	+34	+52
Senior	B+	263		-26	-24	+12	+11	+96	+103	+79	+111
Senior	B	318		-22	-23	+33	+35	+63	+66	-7	+21
Senior	B-	404		-16	-14	+43	+40	+59	+83	+59	+102
Senior	CCC	954		-35	+4	+89	+84	+117	+64	-17	+60
BB	Senr Sec	192		-14	-16	+4	+4	+42	+60	+73	+100
BB	Senr Unsec	170		-17	-11	+16	+13	+67	+59	+28	+47
BB	Sub	208		-16	-17	+4	-1	+120	+63	-3	+20
B	Senr Sec	359		-19	-21	+46	+48	+57	+81	+18	+48
B	Senr Unsec	280		-25	-17	+9	+7	+95	+87	+77	+116
B	Sub	183		-19	+1	+6	+3	+84	+23	-0	+21
CCC	Senr Sec	1,086		-53	-69	-8	+30	+159	+148	+56	+107
CCC	Senr Unsec	881		-25	+45	+137	+119	+93	+16	-61	+30
CCC	Sub	-		-	-	-	-	-	-	-	-

Source: ICE, Morgan Stanley Research

EUR Capital Structure

		OAS (bp)						Excess Return (bp)			
		Current	12m Range	1 Week Δ	1 Month Δ	3 Month Δ	YTD Δ	1 Week	1 Month	3 Month	YTD
EUR IG		**82**		**-9**	**-2**	**+5**	**+4**	**+43**	**+28**	**+18**	**+27**
Rating	AA	52		-8	-4	+3	+2	+39	+41	+23	+27
Rating	A	71		-9	-3	+4	+2	+43	+33	+24	+31
Rating	BBB+	79		-8	-1	+5	+4	+40	+24	+18	+25
Rating	BBB	91		-9	+0	+7	+5	+41	+20	+12	+21
Rating	BBB-	109		-10	+3	+12	+12	+40	+6	+4	+14
Curve	1-3 Yr	57		-8	+1	+6	+4	+19	+8	+10	+14
Curve	3-5 Yr	76		-10	-2	+6	+4	+37	+18	+14	+22
Curve	5-7 Yr	89		-10	-3	+4	+3	+51	+33	+21	+30
Curve	7-10 Yr	93		-9	-5	+2	+1	+61	+49	+26	+40
Curve	10+ Yr	93		-7	-5	+0	-0	+73	+72	+40	+50
Cap Structure	Banks Snr Pref	70		-9	+0	+3	+1	+32	+10	+20	+26
Cap Structure	Banks Snr Non-Pref	81		-10	-2	+8	+5	+42	+27	+22	+32
Cap Structure	Banks Tier 2	115		-11	-0	+11	+8	+48	+24	+11	+22
Cap Structure	Insurance Snr	76		-8	+0	+11	+10	+32	+11	-16	-16
Cap Structure	Insurance Sub	121		-12	-1	+11	+8	+61	+34	-1	+13
Cap Structure	Non-Fin Snr	77		-9	-2	+4	+3	+43	+31	+19	+26
Cap Structure	Non-Fin Subs	135		-11	-3	+2	-3	+70	+45	+30	+44
EUR HY		**298**		**-28**	**+8**	**+41**	**+29**	**+96**	**+25**	**-21**	**+17**
Senior	BB+	154		-26	+8	+23	+10	+78	-8	-19	+1
Senior	BB	184		-32	-8	+22	+18	+83	+14	+1	+33
Senior	BB-	232		-36	-16	+31	+20	+125	+71	+17	+51
Senior	B+	327		-35	+5	+12	-2	+112	+13	+0	+36
Senior	B	368		-31	+2	+97	+53	+100	+12	-99	-53
Senior	B-	687		-39	+26	+152	+169	+123	-27	-201	-146
Senior	CCC	1,543		-30	+206	+235	+204	+102	+45	-110	+17
BB	Senr Sec	211		-38	-15	+21	+12	+109	+56	+19	+49
BB	Senr Unsec	176		-28	-1	+25	+15	+87	+8	-13	+14
BB	Sub	176		-15	+13	+27	+16	+82	+52	+28	+61
B	Senr Sec	427		-32	+16	+86	+68	+101	+5	-86	-47
B	Senr Unsec	418		-43	-6	+73	+49	+137	-6	-84	-17
B	Sub	444		-17	+38	+63	+56	+131	+33	-80	+11
CCC	Senr Sec	1,678		-31	+107	+85	+171	+113	+79	-39	+93
CCC	Senr Unsec	1,139		-29	+247	+385	+118	+71	-26	-254	-135
CCC	Sub	-		-	-	-	-	-	-	-	-

Source: ICE, Morgan Stanley Research

US Sector Performance

		OAS (bp)						Excess Return (bp)			
		Current	12M Range	1 Week Δ	1 Month Δ	3 Month Δ	YTD Δ	1 Week	1 Month	3 Month	YTD
US IG Senior											
Cyclical	Automotive	91		-7	-0	+9	+7	+33	+25	+3	+9
	Banking	71		-3	-2	+7	+6	+16	+28	-5	-4
	Basic Industry	94		-6	-3	+3	+2	+40	+34	+7	+14
	Capital Goods	63		-4	-3	+1	+0	+27	+45	+22	+25
	Consumer Goods	70		-4	-4	+3	+3	+29	+50	+9	+5
	Energy	85		-5	-4	-5	-5	+39	+59	+44	+37
	Financial Services	91		-4	-6	+11	+10	+23	+48	-28	-25
	Insurance	90		-4	-6	+10	+8	+29	+67	-28	-19
	Leisure	94		-6	-4	+7	+5	+31	+32	-7	+4
	Real Estate	85		-6	-3	+6	+6	+33	+37	+10	+11
	Services	71		-2	-3	+6	+5	+11	+31	+0	+1
	Transportation	79		-7	-6	+2	+2	+54	+75	+22	+26
Non-Cyclical	Healthcare	70		-4	-9	+1	+0	+35	+87	+21	+21
	Media	93		-2	-15	-8	-9	+19	+88	+3	-3
	Retail	60		-4	-6	+2	+1	+30	+75	+12	+10
	Technology & Electronics	88		-2	-4	+11	+10	+8	+42	-14	-12
	Telecommunications	86		-1	-5	+1	+1	+16	+62	+26	+21
	Utility	84		-5	-7	+2	+1	+41	+80	+24	+21
US HY Senior											
Cyclical	Automotive	301		-28	+14	+58	+53	+88	-9	-53	-19
	Banking	133		+15	-31	+21	+30	-24	+64	-18	-22
	Basic Industry	306		-18	+1	+42	+35	+64	+11	-32	+1
	Capital Goods	255		-12	+5	+38	+70	+67	+24	+8	+39
	Consumer Goods	258		-16	+17	+28	+24	+73	+31	+35	+65
	Energy	176		-21	-62	-103	-114	+52	+111	+322	+350
	Financial Services	299		-26	-17	+80	+70	+89	+72	-111	-86
	Insurance	268		-10	-27	+78	+94	+52	+94	-56	-32
	Leisure	273		-20	-10	+31	+27	+65	+57	+10	+35
	Real Estate	228		-27	-9	+15	+3	+93	+52	+44	+84
	Services	310		-23	-18	+58	+51	+82	+68	-68	-45
	Transportation	373		-40	-12	+58	+53	+121	+23	-52	-15
Non-Cyclical	Healthcare	281		-26	-28	+19	+19	+95	+110	+56	+87
	Media	440		-23	-36	-51	-59	+99	+125	+102	+146
	Retail	256		-21	-19	-11	-19	+80	+77	+63	+85
	Technology & Electronics	461		+22	+17	+124	+106	-54	-46	-253	-234
	Telecommunications	397		-16	-26	+39	+24	+67	+127	+129	+182
	Utility	144		-21	-20	+13	+8	+56	+75	+87	+106

Source: ICE, Morgan Stanley Research

EU Sector Performance

		OAS (bp)						Excess Return (bp)			
		Current	12M Range	1 Week Δ	1 Month Δ	3 Month Δ	YTD Δ	1 Week	1 Month	3 Month	YTD
EUR IG Senior											
Cyclical	**Automotive**	**82**		-9	-3	+6	+3	+38	+34	+17	+27
	Banking	**77**		-9	-1	+6	+3	+38	+19	+23	+31
	Basic Industry	**76**		-9	-3	+6	+3	+40	+31	+12	+22
	Capital Goods	**66**		-9	-4	+4	+2	+42	+32	+17	+25
	Consumer Goods	**66**		-10	-4	+2	+1	+50	+49	+34	+40
	Energy	**71**		-9	-4	-3	-1	+40	+40	+61	+57
	Financial Services	**86**		-10	-2	+8	+6	+43	+28	+10	+21
	Insurance	**76**		-8	+0	+11	+10	+32	+11	-16	-16
	Leisure	**94**		-9	-3	+12	+10	+48	+45	-9	+8
	Real Estate	**108**		-13	+5	+13	+12	+63	+0	-7	+0
	Services	**76**		-8	+0	+7	+6	+31	+13	+7	+15
	Transportation	**73**		-6	-1	+5	+3	+31	+12	+10	+24
Non-Cyclical	**Healthcare**	**66**		-9	-6	+1	+0	+45	+49	+27	+32
	Media	**81**		-7	-4	+7	+5	+40	+51	+3	+13
	Retail	**68**		-10	-4	+4	+3	+45	+37	+15	+21
	Technology & Electronics	**79**		-11	-5	+12	+11	+48	+37	-4	+3
	Telecommunications	**76**		-8	-6	+1	-0	+39	+45	+22	+30
	Utility	**78**		-7	-0	+3	+3	+40	+22	+25	+32
EUR HY Senior											
Cyclical	**Automotive**	**224**		-39	+10	+56	+37	+107	+6	-29	+15
	Banking	**210**		-9	+18	+9	+7	+31	-28	+28	+42
	Basic Industry	**490**		-43	-18	+30	+12	+127	+102	+28	+80
	Capital Goods	**322**		-37	+28	+99	+80	+130	-35	-106	-57
	Consumer Goods	**291**		-28	-6	+53	+34	+99	+44	-47	+9
	Energy	**220**		-16	-23	-67	-70	+42	+62	+291	+301
	Financial Services	**483**		-23	-24	+7	-24	+83	+52	-66	-24
	Insurance	**397**		-12	-14	+56	+50	+58	+80	-88	-53
	Leisure	**253**		-39	-2	-5	-9	+107	+76	+50	+99
	Real Estate	**413**		-30	+37	+83	+78	+106	-72	-110	-67
	Services	**330**		-33	-15	+37	+38	+79	+30	-68	-51
	Transportation	**256**		-33	+50	+65	+58	+111	-120	-117	-93
Non-Cyclical	**Healthcare**	**272**		-28	-3	+34	+18	+84	+16	+10	+50
	Media	**523**		-15	-96	-32	-98	+47	-41	-98	-109
	Retail	**315**		-59	+48	+102	+86	+108	+36	+12	+29
	Technology & Electronics	**409**		-17	+6	+60	+38	+67	-13	-266	-220
	Telecommunications	**314**		-23	+4	+37	+30	+112	+33	-11	+32
	Utility	**233**		-16	+10	+29	+14	+60	-18	-21	-3

Source: ICE, Morgan Stanley Research

US – Credit/Equity Screen

Names with richest CDS relative to equities

Ticker	Name	Sector	Rtg	5Y CDS spread (bp)			Stock Price		
				Current	YTD Δ	1Y %tile	Current	YTD Δ	1Y %tile
DHR	Danaher Corp	Healthcare	A3	25	-0	1%	190	-17%	10%
HD	Home Depot Inc/The	Retail	A2	26	-1	8%	337	-2%	8%
SVC	Service Properties Trust	Real Estate	B3	457	-143	23%	1	-32%	0%
AZO	AutoZone Inc	Retail	BBB2	32	-0	27%	3,430	+1%	11%
CYH	Community Health Systems Inc	Healthcare	B3	717	-111	7%	3	+1%	41%
AAL	American Airlines Group Inc	Transportation	BB1	529	+121	31%	11	-26%	25%
HOV	K Hovnanian Enterprises Inc	Basic Industry	B1	325	+3	30%	105	+7%	27%
KR	Kroger Co/The	Retail	BBB2	33	-3	13%	68	+9%	50%
MSI	Motorola Solutions Inc	Technology	BBB2	33	-4	5%	434	+13%	58%
DHI	DR Horton Inc	Basic Industry	BBB1	50	-1	29%	143	-1%	38%
LUMN	Lumen Technologies Inc	Telecoms	CCC3	267	-34	1%	7	-4%	66%
MBI	MBIA Inc	Financial	BB3	191	+37	35%	6	-19%	35%
TMUS	T-Mobile USA Inc	Telecoms	BBB2	48	+3	64%	196	-4%	7%
MCD	McDonald's Corp	Retail	BBB1	25	+2	38%	306	+0%	36%
PG	Procter & Gamble Co/The	Consumer Goods	AA3	23	+1	61%	145	+1%	16%
DRI	Darden Restaurants Inc	Retail	BBB2	45	+2	50%	192	+5%	28%
LEN	Lennar Corp	Basic Industry	BBB2	97	+19	75%	89	-13%	3%
GE	General Electric Co	Capital Goods	BBB1	25	-2	0%	308	+0%	78%
GNW	Genworth Holdings Inc	Financial	BB3	99	-15	0%	9	-3%	78%
KSS	Kohl's Corp	Retail	BB3	579	+175	40%	13	-35%	41%
KBH	KB Home	Basic Industry	BB1	166	+14	71%	52	-9%	10%
CMCSA	Comcast Corp	Media	A3	57	-3	58%	28	-0%	23%
NFLX	Netflix Inc	Media	A3	31	-18	46%	103	+10%	38%
LOW	Lowe's Cos Inc	Retail	BBB1	33	+1	24%	244	+1%	60%
BMY	Bristol-Myers Squibb Co	Healthcare	A2	29	-4	0%	59	+9%	85%
T	AT&T Inc	Telecoms	BBB2	60	-1	51%	26	+7%	34%
NWL	Newell Brands Inc	Consumer Goods	BB3	389	-34	62%	4	+5%	25%

Source: IHS Markit, Bloomberg, Morgan Stanley Research

US – Credit/Equity Screen

Names with cheapest CDS relative to equities

Ticker	Name	Sector	Rtg	5Y CDS spread (bp)			Stock Price		
				Current	YTD Δ	1Y %tile	Current	YTD Δ	1Y %tile
IRM	Iron Mountain Inc	Real Estate	BB3	171	+38	94%	109	+32%	97%
AMZN	Amazon.com Inc	Retail	AA3	52	+17	97%	238	+3%	90%
ALL	Allstate Corp/The	Insurance	BBB1	34	+10	95%	211	+1%	88%
AMKR	Amkor Technology Inc	Technology	BB2	107	+6	81%	58	+47%	100%
WMB	Williams Cos Inc/The	Energy	BBB1	53	+3	82%	73	+21%	89%
AEP	American Electric Power Co Inc	Utilities	A3	35	+1	70%	136	+18%	100%
ABXCN	Barrick Mining Corp	Basic Industry	BBB1	38	+3	85%	44	+29%	85%
ARMK	Aramark Services Inc	Services	B1	111	+15	77%	43	+16%	92%
BALL	Ball Corp	Capital Goods	BB1	95	+0	76%	62	+18%	90%
BYD	Boyd Gaming Corp	Leisure	BB3	124	+7	75%	87	+1%	92%
INTC	Intel Corp	Technology	BBB1	72	+1	66%	62	+69%	100%
DOW	Dow Chemical Co/The	Basic Industry	BBB1	96	+3	70%	39	+67%	96%
SRE	Sempra	Utilities	A2	38	+3	66%	99	+12%	98%
MO	Altria Group Inc	Consumer Goods	BBB1	40	+5	70%	67	+17%	93%
NRG	NRG Energy Inc	Utilities	BBB3	117	+2	89%	164	+3%	74%
CSX	CSX Corp	Transportation	A3	22	+1	65%	42	+17%	97%
NEM	Newmont Corp	Basic Industry	BBB1	36	+2	69%	121	+21%	92%
AMD	Advanced Micro Devices Inc	Technology	A2	43	-1	69%	245	+14%	92%
CSCO	Cisco Systems Inc/California	Technology	A1	31	+0	64%	82	+7%	97%
ET	Energy Transfer LP	Energy	BBB2	61	+3	63%	19	+16%	98%
NSC	Norfolk Southern Corp	Transportation	BBB1	23	+3	74%	296	+3%	86%
ENBCN	Enbridge Inc	Energy	BBB1	61	+4	61%	75	+14%	96%
EXC	Exelon Corp	Utilities	A2	34	+3	67%	49	+11%	90%
DISH	DISH DBS Corp	Media	CC	949	+386	57%	129	+18%	99%
PBI	Pitney Bowes Inc	Services	B2	227	+41	76%	11	+8%	80%
EXPE	Expedia Group Inc	Leisure	BBB2	88	+32	88%	228	-19%	66%
TRPCN	TransCanada PipeLines Ltd	Energy	BBB1	52	+1	56%	88	+17%	98%

Source: IHS Markit, Bloomberg, Morgan Stanley Research

EU – Credit/Equity Screen

Names with richest CDS relative to equities

Ticker	Name	Sector	Rtg	5Y CDS spread (bp)			Stock Price		
				Current	YTD Δ	1Y %tile	Current	YTD Δ	1Y %tile
GRFSM	Grifols SA	Healthcare	CCC1	263	-14	7%	9	-17%	13%
RENAUL	Renault SA	Automotive	BBB2	124	+9	29%	31	-13%	11%
VW	Volkswagen AG	Automotive	A3	95	+4	30%	91	-13%	15%
TELEFO	Telefonica SA	Telecoms	BBB3	65	-5	15%	4	+10%	41%
STLA	Stellantis NV	Automotive	BBB1	165	+25	49%	7	-27%	17%
EOFP	Forvia SE	Automotive	BB2	271	+28	29%	10	-23%	41%
ITVLN	ITV PLC	Media	BBB3	88	+12	61%	77	-7%	18%
ELTLX	Electrolux AB	Consumer Goods	BBB2	134	-1	21%	63	-2%	58%
FRFP	Valeo SE	Automotive	BB1	183	-4	16%	11	-4%	67%
PNLNA	PostNL NV	Transportation	BBB2	132	-21	2%	1	+5%	83%
SANFP	Sanofi SA	Healthcare	AA3	32	+5	69%	80	-3%	19%
CNH	CNH Industrial NV	Capital Goods	BBB1	97	-3	33%	12	+25%	56%
UNANA	Unilever PLC	Consumer Goods	A1	26	+5	87%	4,313	-11%	3%
IGT	Brightstar Lottery PLC	Leisure	BB1	198	+37	90%	12	-21%	0%
ACAFP	Credit Agricole SA	Banking	A2	62	-0	17%	17	-2%	74%
SGOFP	Cie de Saint-Gobain SA	Basic Industry	BBB1	51	+9	82%	76	-13%	10%
CECGR	CECONOMY AG	Retail	BB3	125	+15	61%	4	-7%	30%
MCFP	LVMH Moet Hennessy Louis Vuitton SE	Retail	AA3	30	+4	66%	483	-25%	27%
SWFP	Sodexo SA	Services	BBB1	64	+12	93%	40	-9%	0%
RIFP	Pernod Ricard SA	Consumer Goods	BBB1	54	+15	89%	65	-11%	6%
CPGLN	Compass Group PLC	Services	A2	35	+10	95%	28	-13%	1%
TITIM	Telecom Italia SpA/Milano	Telecoms	BB2	94	-12	0%	1	+24%	97%
ALOFP	Alstom SA	Capital Goods	BBB3	79	+9	31%	23	-8%	66%
PUBFP	Publicis Groupe SA	Media	BBB1	60	+9	90%	74	-17%	10%
CAFP	Carrefour SA	Retail	BBB2	69	-4	0%	16	+15%	100%
DGELN	Diageo PLC	Consumer Goods	A3	45	+14	94%	1,441	-10%	7%
AIRFP	Airbus SE	Capital Goods	A2	37	+6	75%	170	-15%	26%
HENKEL	Henkel AG & Co KGaA	Consumer Goods	A2	34	+10	97%	67	-4%	7%

Source: IHS Markit, Bloomberg, Morgan Stanley Research

EU – Credit/Equity Screen

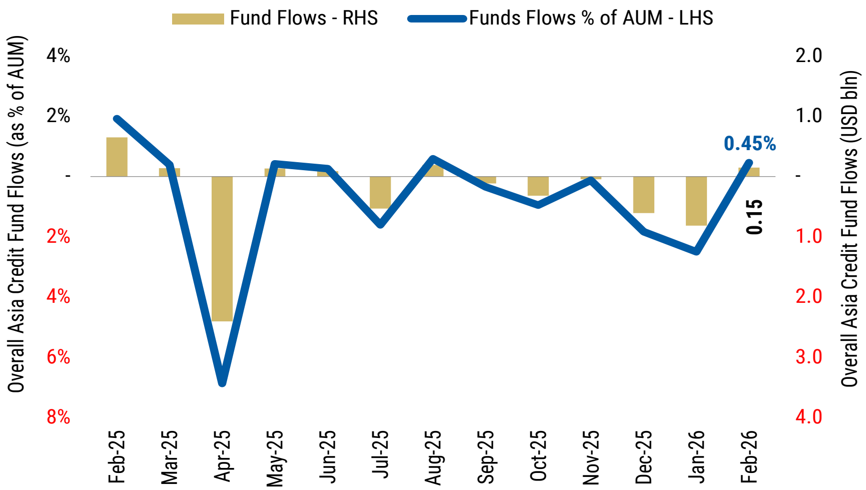
Names with cheapest CDS relative to equities

Ticker	Name	Sector	Rtg	5Y CDS spread (bp)			Stock Price		
				Current	YTD Δ	1Y %tile	Current	YTD Δ	1Y %tile
TELIAS	Telia Co AB	Telecoms	BBB1	25	+6	91%	49	+23%	99%
FUMVFH	Fortum Oyj	Utilities	BBB2	47	+12	90%	22	+23%	99%
ENELIM	Enel SpA	Utilities	BBB1	58	+11	85%	10	+11%	98%
BASGR	BASF SE	Basic Industry	A3	49	+12	81%	54	+22%	100%
IBESM	Iberdrola SA	Utilities	BBB1	42	+9	83%	20	+10%	98%
AIFP	Air Liquide SA	Basic Industry	A2	25	+3	80%	189	+18%	100%
EDPPL	EDP SA	Utilities	BBB2	58	+13	79%	5	+21%	100%
TSCOLN	Tesco PLC	Retail	BBB3	53	+8	85%	486	+10%	93%
CNALN	Centrica PLC	Utilities	BBB2	52	+12	82%	211	+25%	97%
RXLFP	Rexel SA	Services	BB1	129	+20	78%	38	+13%	100%
TTEFP	TotalEnergies SE	Energy	AA3	33	+3	80%	79	+41%	97%
ASSGEN	Generali	Insurance	A3	57	+10	80%	36	+0%	97%
DGFP	Vinci SA	Transportation	A3	38	+6	80%	136	+13%	95%
TELNO	Telenor ASA	Telecoms	BBB1	25	+6	92%	169	+15%	84%
ABIBB	Anheuser-Busch InBev SA/NV	Consumer Goods	A3	35	+6	82%	64	+17%	94%
EOANGR	E.ON SE	Utilities	BBB1	38	+6	80%	20	+21%	95%
SZUGR	Suedzucker AG	Consumer Goods	BBB2	157	-6	79%	12	+30%	96%
EQNR	Equinor ASA	Energy	AA3	31	+2	80%	368	+55%	94%
INTNED	ING Groep NV	Banking	A3	57	+10	85%	25	+2%	89%
HOTGR	HOCHTIEF AG	Basic Industry	BBB3	71	+12	73%	451	+34%	100%
BATSLN	British American Tobacco PLC	Consumer Goods	BBB1	62	+16	91%	4,351	+3%	82%
HANRUE	Hannover Rueck SE	Insurance	A1	45	+13	87%	273	+3%	84%
VOD	Vodafone Group PLC	Telecoms	BBB2	51	+8	71%	118	+19%	100%
VIEFP	Veolia Environnement SA	Utilities	BBB2	39	+8	72%	35	+18%	99%
ENGIFP	Engie SA	Utilities	BBB1	40	+6	71%	29	+30%	99%
LLOYDS	Lloyds Banking Group PLC	Banking	A3	68	+11	84%	101	+3%	87%
ALVGR	Allianz SE	Insurance	AA2	45	+13	87%	378	-3%	83%
TKAAV	Telekom Austria AG	Telecoms	A3	25	+6	93%	10	+6%	74%

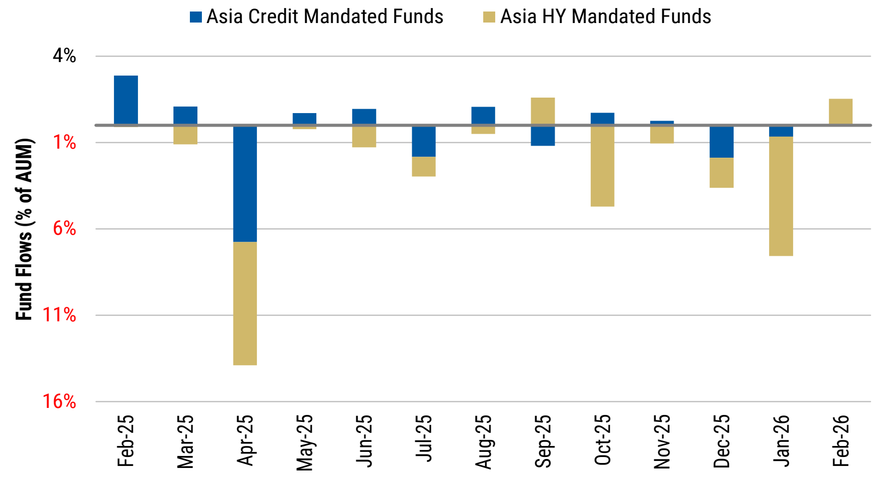
Source: IHS Markit, Bloomberg, Morgan Stanley Research

Asia Credit

Asia Credit Demand



Source: Bloomberg, Morgan Stanley Research



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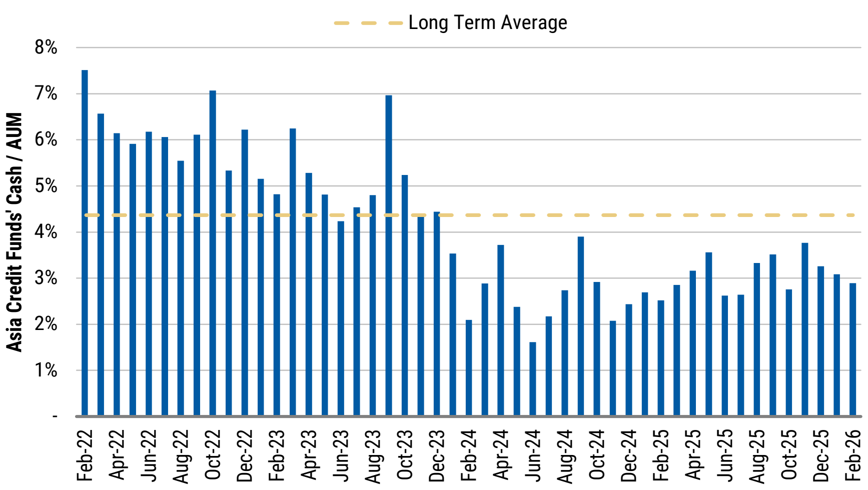

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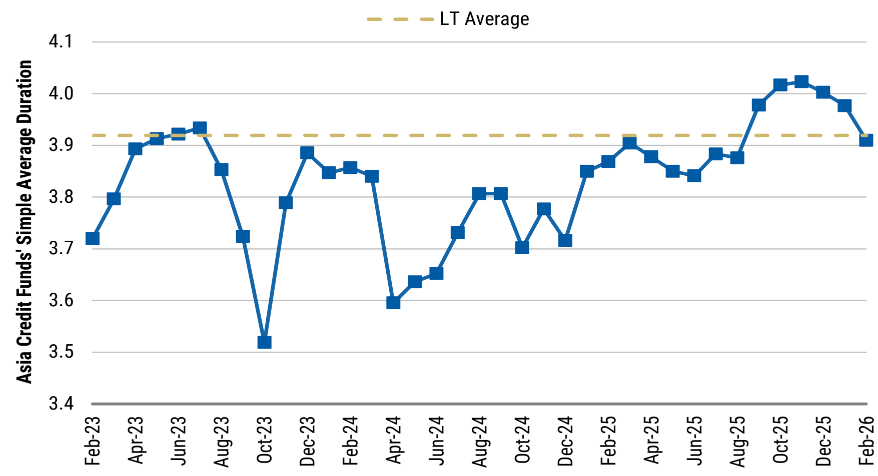
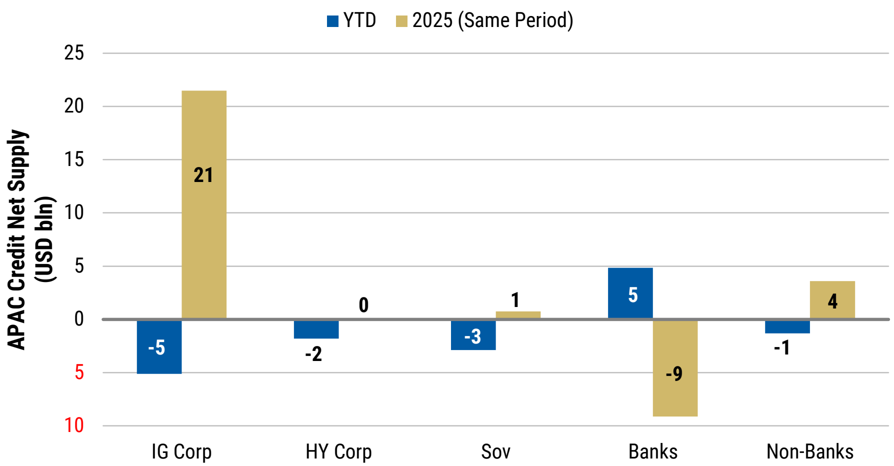
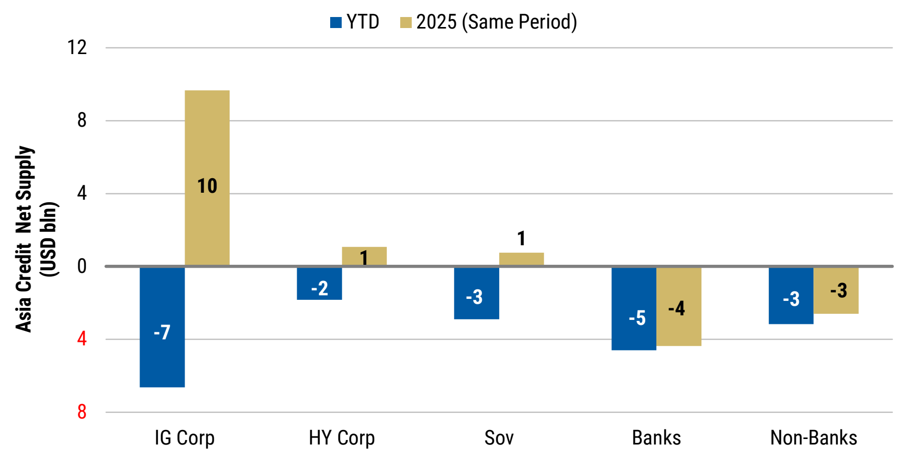


Source: Bloomberg, Morgan Stanley Research

Asia Credit Supply



Source: EMDB, Bloomberg, Morgan Stanley Research



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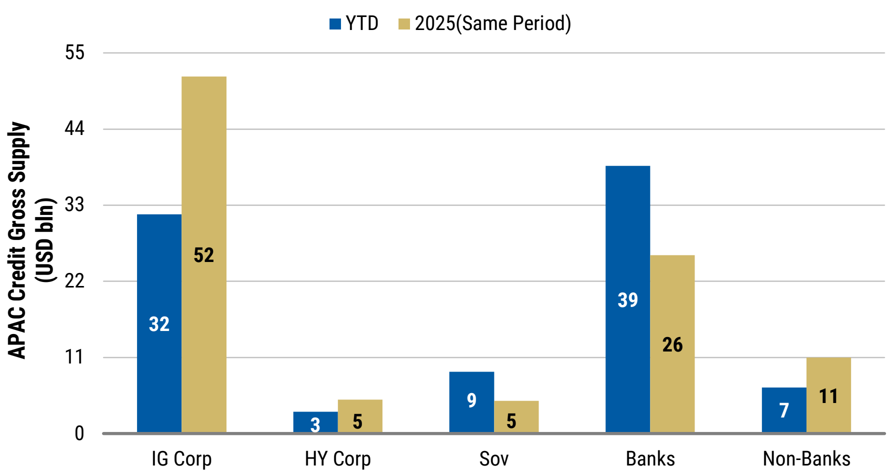

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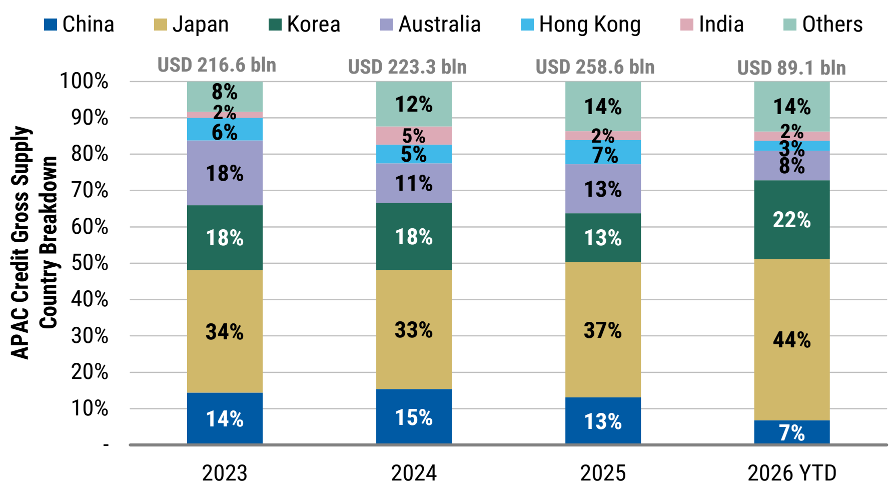
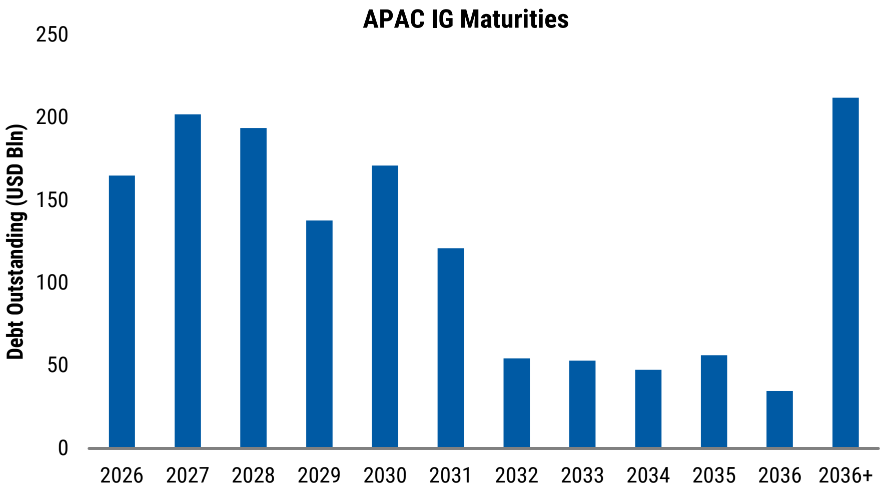


Source: EMDB, Bloomberg, Morgan Stanley Research

Asia Maturity Wall and Default Rate



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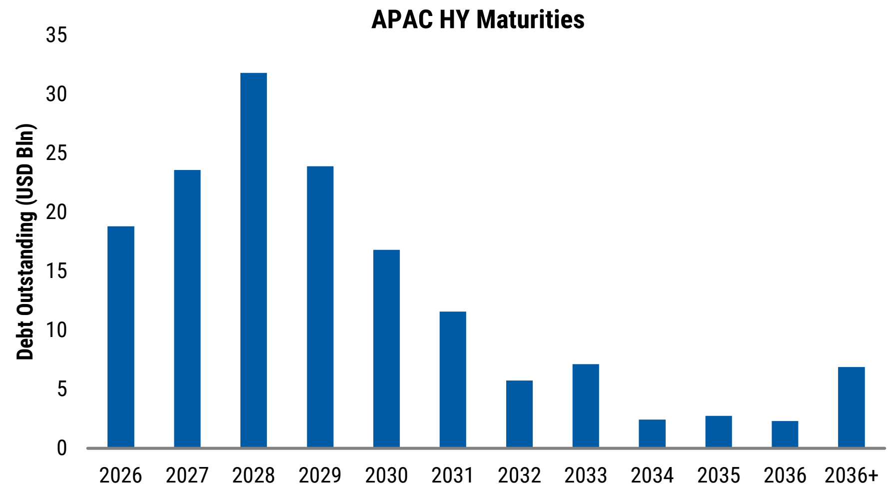

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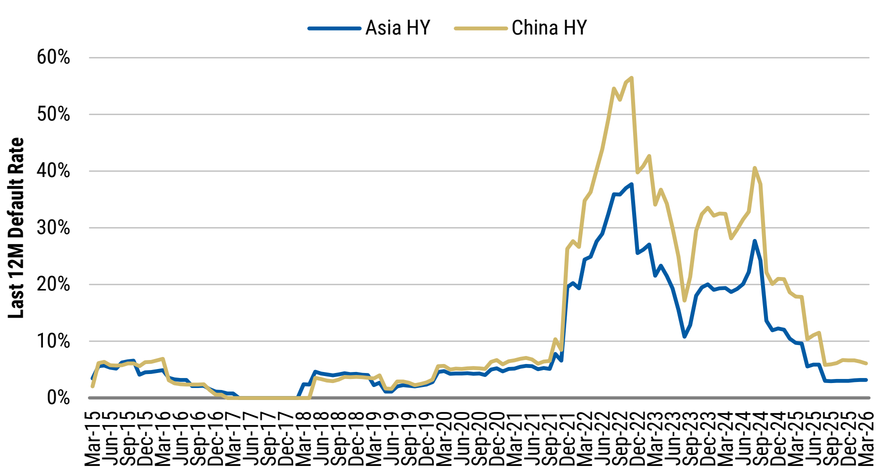

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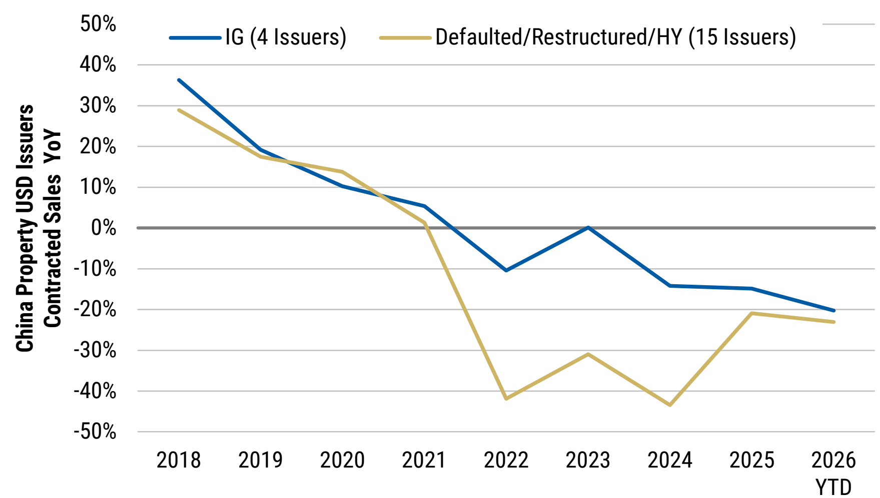
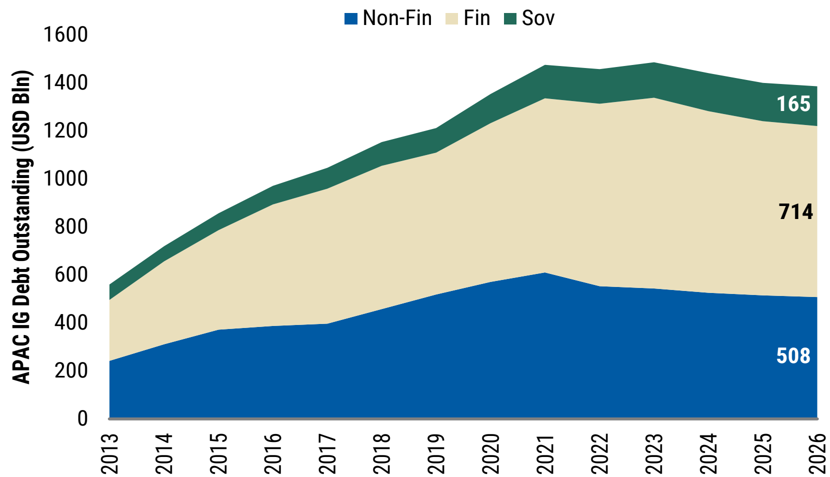
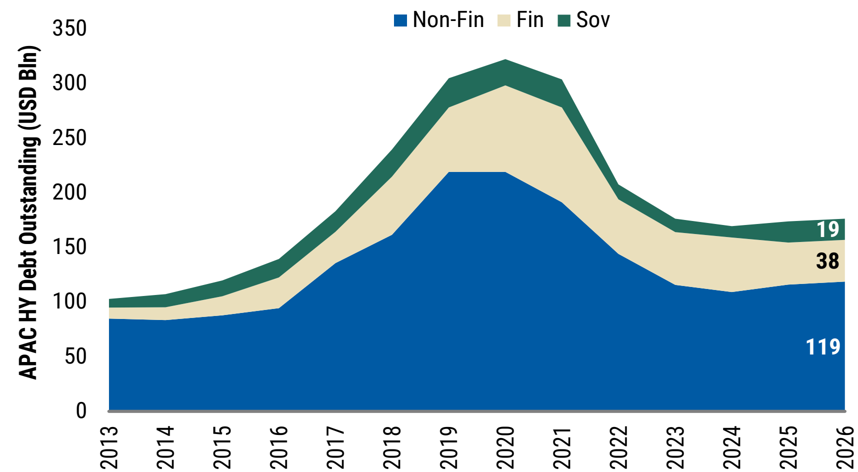


Source: Bloomberg, Morgan Stanley Research

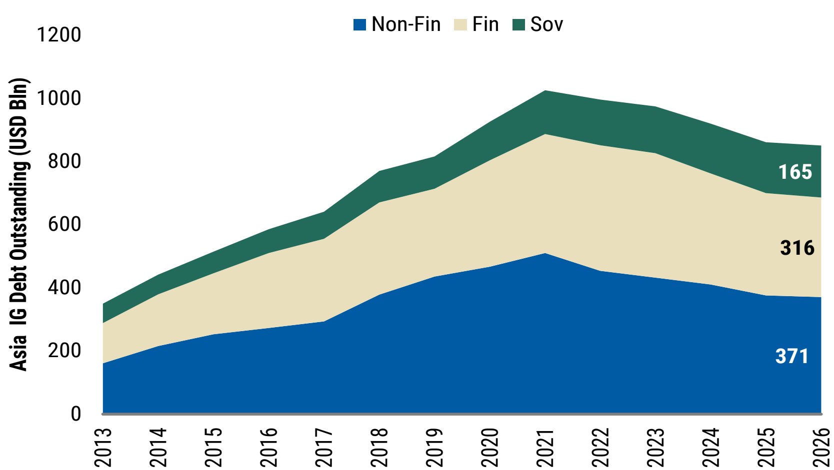
Asia Debt Outstanding



Source: EMDB, Bloomberg, Morgan Stanley Research



Source: EMDB, Bloomberg, Morgan Stanley Research



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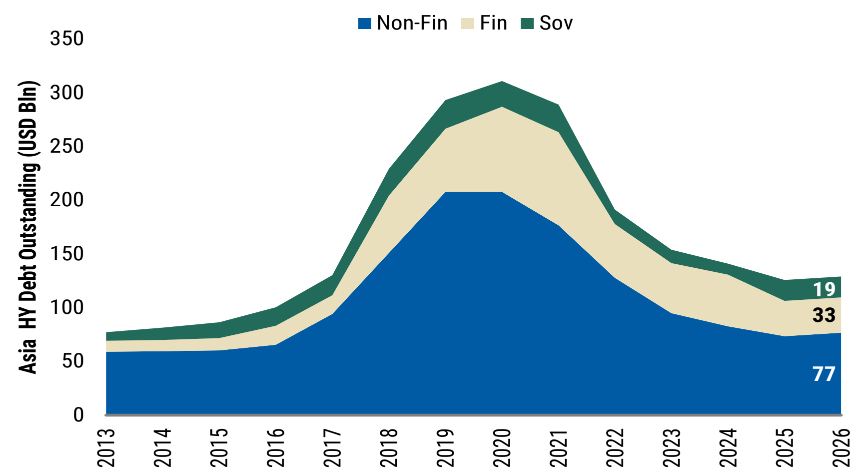

Source: Bloomberg, Morgan Stanley Research

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(as of March 31, 2026)

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	Coverage Universe		Investment Banking Clients (IBC)			Other Material Investment Services Clients (MISC)	
Stock Rating Category	Count	% of Total	Count	% of Total IBC	% of Rating Category	Count	% of Total Other MISC
Overweight/Buy	**1534**	**42%**	**461**	**50%**	**30%**	**698**	**43%**
Equal-weight/Hold	**1573**	**43%**	**372**	**40%**	**24%**	**716**	**44%**
Not-Rated/Hold	**4**	**0%**	**1**	**0%**	**25%**	**1**	**0%**
Underweight/Sell	**568**	**15%**	**89**	**10%**	**16%**	**209**	**13%**
Total	**3,679**		**923**			**1624**	

Data include common stock and ADRs currently assigned ratings. Investment Banking Clients are companies from whom Morgan Stanley received investment banking compensation in the last 12 months. Due to rounding off of decimals, the percentages provided in the "% of total" column may not add up to exactly 100 percent.

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