

IG Credit Strategist

2026 IG credit fundamentals: A bit weaker

2026 IG credit fundamentals: A bit weaker

After relative stability in 2024 and 2025 we see room for IG fundamentals to weaken a bit in 2026. The culprit is the accelerating pace of borrowing due to under levered balance sheets, accelerating M&A, and willingness to add debt as trade and growth uncertainties fade. On top of that issuers will continue rolling out of 3.4% and into 5% coupons, putting some downward pressure on the coverage ratio. We expect IG leverage to increase to 2.7x from 2.6x currently, while the coverage ratio could drop to 9.7 from 10.0x.

Is more AI supply coming?

IG bond borrowing to fund AI datacenter spending exploded to \$75bn in September and so far in October. The companies collectively may be reaching a limit on how much AI capex they are willing to fund purely from cash flows. Estimates show capex reaching 94% of operating cash flow less dividends and buybacks in '25 and in '26, up from 76% in '24.

IG November supply: Favorable conditions

We look for \$130bn in IG November new issue supply, mostly in line with typical seasonality. IG index yields have dropped to some of the lowest levels in three years, which should stimulate borrowing. Our forecast implies a steady net supply in November relative to October at about \$45bn.

3Q earnings half time update: strong

By Tuesday US IG issuers reported 37% of the expected aggregate 3Q earnings. We are tracking +3.4% YoY earnings growth for "core" public US IG issuers, ex. Energy, Finance and Mag 7. So far, 3Q earnings came in +6.9% above expected vs +3.7% pre-Covid avg.

Oct FOMC: As hawkish as it gets

The October FOMC was unusual by triggering some of the most hawkish market reactions on the FOMC day since at least 2022. For IG credit the negative impact was offset by the bullish combination of higher rates and little changed interest rate vol. The market reaction was in response to Chair Powell pushing back against markets almost fully pricing in a December cut.

IG market technicals

Supply: \$79.5bn of issuance this week, expect \$50 - 60bn next week. **Flows:** +5.92bn inflow this past week ending on Oct 29th. **Weekly technicals details:** IG supply net demand at +\$44bn this week, expect a bit stronger +\$30bn next week. **Dealer inventories:** +\$6.5bn past week ended Thu. Details inside

We published the weekly CMS data and charts in the [Situation Room](#) report.

31 October 2025

Credit Strategy
United States

BofA

Data
Analytics**Yuri Seliger**Credit Strategist
BofAS
+1 646 855 7209
yuri.seliger@bofa.com**Sohyun Marie Lee**Credit Strategist
BofAS
+1 646 855 7217
sohyun.lee@bofa.com**Recent credit strategy research**

Publication	Name
Situation Room	Situation Room: Is more AI supply coming?
Situation Room	Situation Room: Oct FOMC: As hawkish as it gets
Situation Room	Situation Room: 3Q earnings half time update: strong
Situation Room	Situation Room: IG November supply: Favorable conditions
Monthly HG Market Review	Monthly HG Market Review: Sep '25: A grab for duration
IG Credit Strategist	IG Credit Strategist: Oct '25 Credit Investor Survey: Learning to love credit
IG Credit Strategist	IG Credit Strategist: Summer '25 snapshot of the US IG market

BofA Securities does and seeks to do business with issuers covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision. Refer to important disclosures on page 26 to 28.

12895812

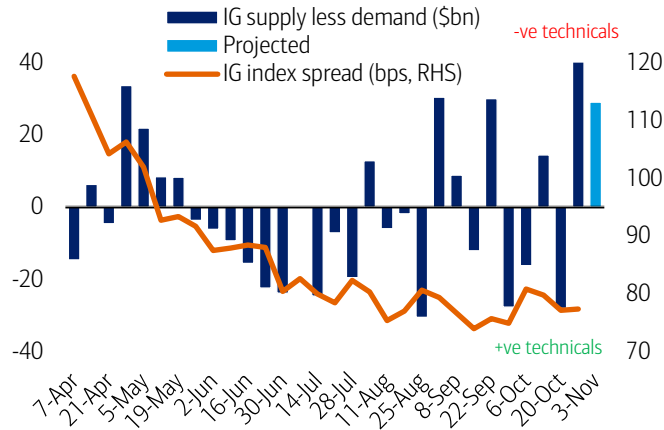
Timestamp: 31 October 2025 08:19PM EDT

Weekly technicals

We expect much weaker IG technicals next week. Supply net of demand to decrease to 73rd percentile next week from 100th percentile this week (Exhibit 1). For more details, see Weekly technicals details.

Exhibit 1: IG weekly net technicals (\$bn) since week of Apr-07

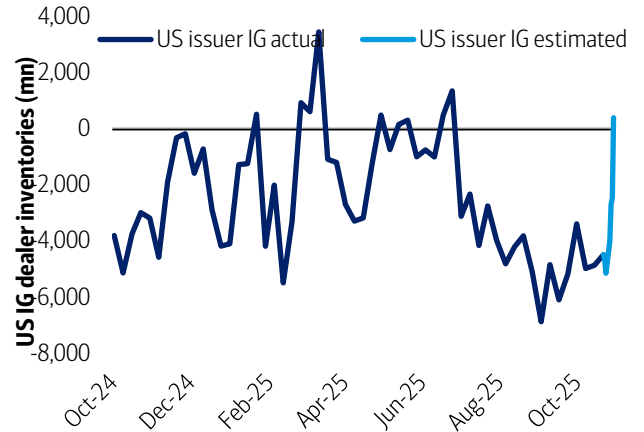
We expect IG supply net demand at \$29.1bn next week (the week of Nov-03), down from \$44.6bn this week (Oct-27). IG supply: gross issuance + rising stars - fallen angels. IG demand: maturities + calls/tenders + coupons + IG ETF / fund flows. IG index spread was at 77bps as of Oct-30.



Source: BofA Global Research, ICE Data Indices, LLC, EPFR Global, Bloomberg
BofA GLOBAL RESEARCH

Exhibit 2: Est. dealer inventories of IG corp bonds since Oct-2024.

We estimate IG dealer inventories of US issuer bonds increased to \$0.4bn currently on Oct-30 from -\$4.5bn on Oct-22. Since Oct-2024, dealer inventories have fluctuated but generally stayed negative.



Source: BofA Global Research, FINRA, TRACE, Federal Reserve

BofA GLOBAL RESEARCH

Key views

- US IG spread view.** Despite the recent volatility the thesis for IG spreads have not changed: IG spreads can go wider, but not too much. Low recession risk / robust growth, a dovish Fed, strong investor demand and still improving credit quality should all remain supportive. We prefer to buy dips, such as regional banks and BBs. The current widening on the back of the supply spike is also an attractive buying opportunity. M&A activity is accelerating, and we should see more re-leveraging going into 2026. We expect IG spreads to remain tight in 80 – 100ps range for the next 6M.
- Quality.** We continue to like BBBs given the outlook for range-bound spreads and more re-leveraging risk for single-As. Spreads in the belly of the curve (5-7yr) screen the cheapest (see [IG Credit Strategist: The summer grind](#)).
- Sectors.** We seek to outperform in a relatively tight spread environment by being overweight yieldier sectors. At the same time, we hedge growth and tariff risks by positioning in non-cyclical and more US domestic sectors. For more details, see [Credit Market Strategist: Sector outlook 21 March 2025](#), and [Credit Market Strategist: Uneasy equilibrium](#).
- Curve.** We look 10s30s IG spread curve to remain flat on still attractive yields and lackluster 30yr supply. 5s10s spread curve should also remain relatively flat due to tight spreads.

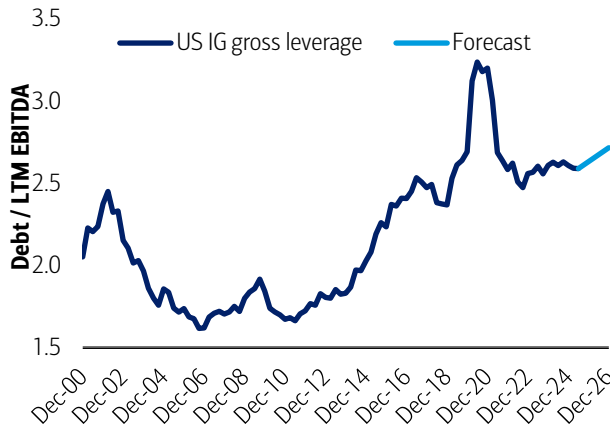


2026 IG credit fundamentals: A bit weaker

After relative stability in 2024 and 2025, we see room for IG fundamentals to weaken a bit in 2026. The culprit is the accelerating pace of borrowing due to under-levered balance sheets, accelerating M&A, and willingness to add debt as trade and growth uncertainties fade. On top of that, issuers will continue rolling out of 3.4% and into 5% coupons, putting some downward pressure on the coverage ratio. We expect IG leverage to increase to 2.7x from 2.6x currently, while the coverage ratio could drop to 9.7x from 10.0x.

Exhibit 3: We look for moderately higher IG leverage in 2026

We see IG leverage of 2.7x by 4Q-2026, up from 2.6x in 2Q-2025.

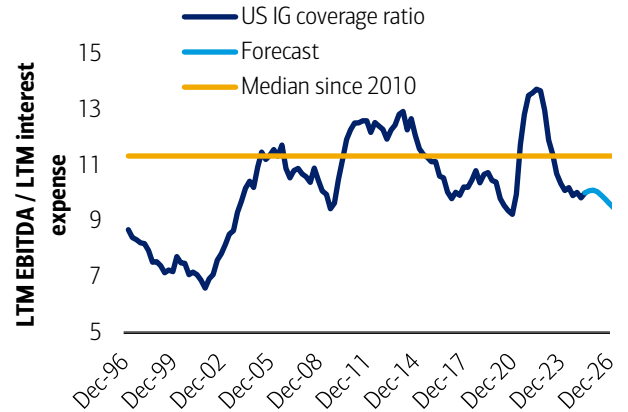


Source: BofA Global Research

BofA GLOBAL RESEARCH

Exhibit 4: We expect IG coverage ratio to weaken a bit in 2026

IG coverage ratio should decline to 9.7x by year-end 2026 from 10x in 2Q-2025.



Source: BofA Global Research

BofA GLOBAL RESEARCH

Back to normality

The past four years were unusual. IG issuers mostly just rolled their debt (for public US IG non-financial issuers, ex. Utilities, Exhibit 5). That, in turn, led to the largest rating upgrade cycle since the Global Financial Crisis (Exhibit 6).

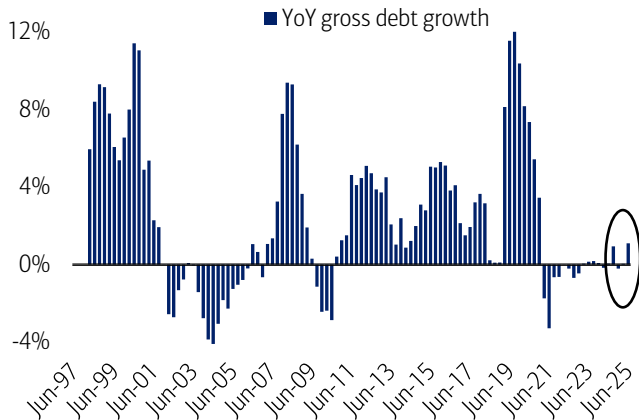
IG companies typically de-lever during recessions, and the last few years were not an exception. Equity investors preferred to keep balance sheets strong first due to recession fears as the Fed hiked rates in 2022 and 2023, and then due to tariff uncertainties in 2025. Those uncertainties are now declining (Exhibit 7), allowing management to finally deploy the under-levered balance sheets to create shareholder value in 2026.

During more typical periods, such as around 2012 and 2015, gross debt grew at about 4.5% annual rate. We pencil in something similar for 2026. While yields remain high, issuance needs are elevated due to the expected busy M&A cycle and potentially AI funding needs ([Situation Room: Is more AI supply coming?](#)).



Exhibit 5: Little debt growth since 2022

IG issuer YoY debt growth has been mostly flat since 2022, although it's accelerated in 2Q of this year.

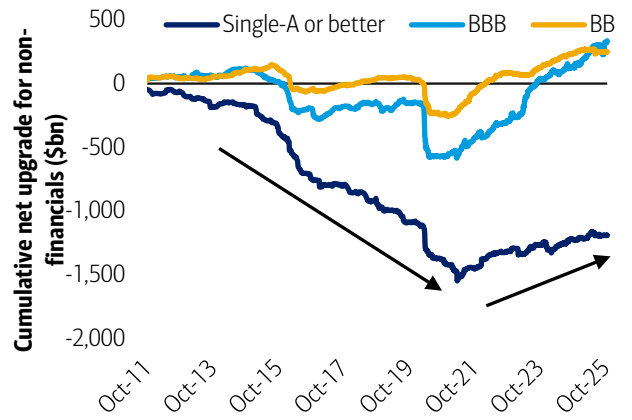


Source: BofA Global Research

BofA GLOBAL RESEARCH

Exhibit 6: The big upgrade cycle should end in 2026

The lack of debt growth has triggered a large upgrade cycle in IG. The return of debt growth in 2026 should end it.

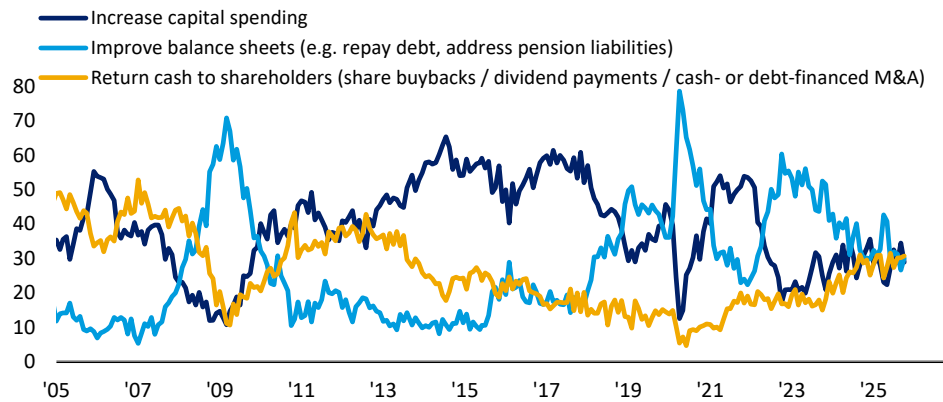


Source: BofA Global Research, Bloomberg.

BofA GLOBAL RESEARCH

Exhibit 7: What would you most like to see companies do with cash flow?

Asked what companies should do with cash flow...31% said "return cash to shareholders," 30% said "improve balance sheets," and 29% said "increase capital spending."



Source: BofA Global Fund Manager Survey

BofA GLOBAL RESEARCH

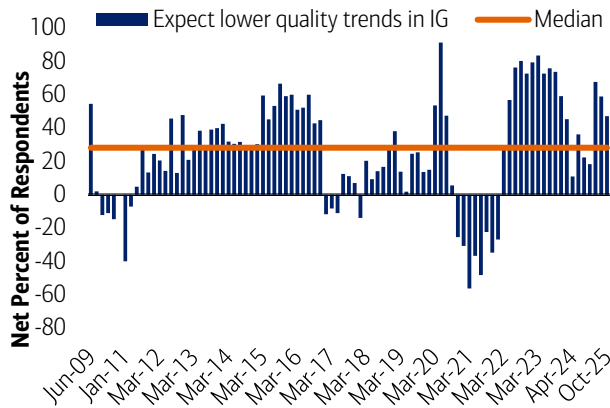
More borrowing should be priced in

Investors are also expecting the borrowing pace to pick up in 2026. Our latest US Credit Investor Survey (see [IG Credit Strategist: Oct '25 Credit Investor Survey: Learning to love credit](#)) shows IG investors continue to expect lower credit quality trends by a larger than typical margin (Exhibit 8). That's likely not because of a weaker economy, but due to an elevated re-leveraging risk (Exhibit 9).



Exhibit 8: Investors are bearish on credit quality trends

The net share of IG investors expecting lower credit quality was 47% in our October survey, higher than 28% historical median.



Source: BofA US Credit Investor Survey

BofA GLOBAL RESEARCH

Exhibit 9: Investors are concerned about re-leveraging

The share of credit investors concerned about re-leveraging reached 28% in our October survey – the highest level since 2021.



Source: BofA US Credit Investor Survey

BofA GLOBAL RESEARCH

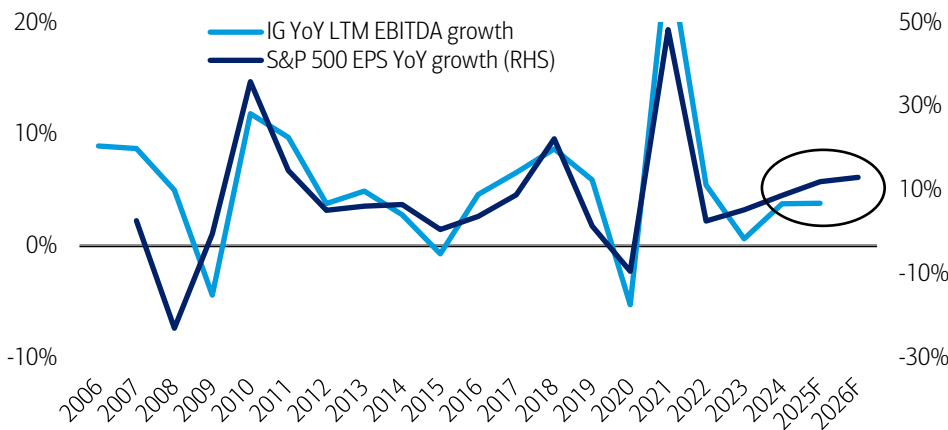
Robust growth

Our outlook for weaker IG credit fundamentals is driven entirely by a higher pace of borrowing. The outlook for earnings growth is steady. First, our equity strategy team expects 2026 EPS growth for the S&P 500 of 13% YoY (ex. Finance, Energy) – similar to +12% for 2025 (see [S&P 500 EPS Outlook: How good can it get?](#)). Not surprisingly, IG issuer EBITDA growth tends to track S&P 500 EPS growth (Exhibit 10). A steady growth would imply about a 4% YoY EBITDA growth for a median US non-financial issuer.

Our economists are calling for a relatively stable nominal GDP growth as well. IG issuer revenue growth has been weaker than implied by the US GDP, but it's beginning to catch up (Exhibit 11).

Exhibit 10: Steady earnings growth in 2026

Our equity strategy team's 2026 S&P 500 EPS YoY growth forecast of 13% YoY ex. Finance and Energy implies a relatively stable IG EBITDA growth next year.



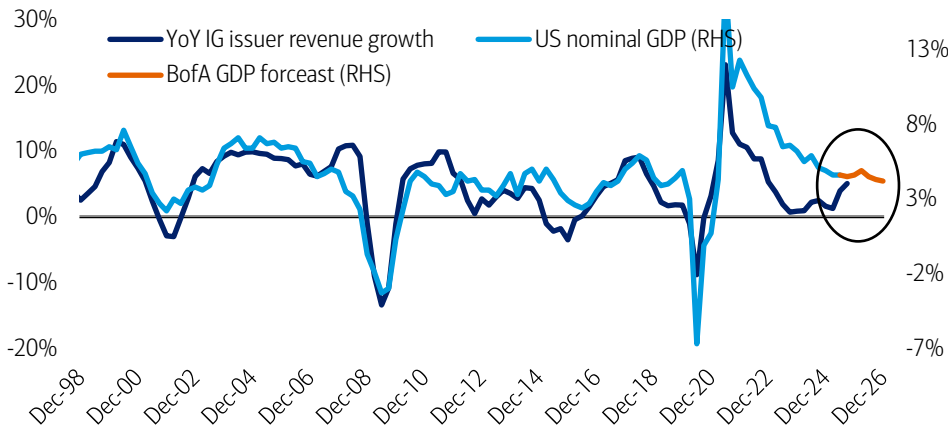
Source: BofA Global Research, Bloomberg.

BofA GLOBAL RESEARCH



Exhibit 11: Robust US economic growth to continue

Our economists are calling for the robust US economic growth in 2025 to continue in 2026. That means IG issuer revenue growth should be steady as well.



Source: BofA Global Research, Bloomberg.

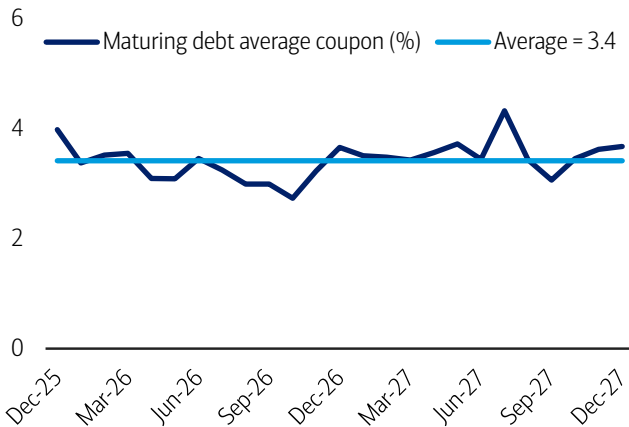
BofA GLOBAL RESEARCH

Rolling into higher coupons

Treasury yields have been more stable over the past two years. That typically leads to more stability in the IG coverage ratio as well (Exhibit 13). However, looking at the index debt shows the average coupon for 2026 and 2027 maturities remains low at around 3.4% (Exhibit 12). That means IG issuers will continue to roll into higher coupons next year, in addition to growing the overall debt level as well. That combination should offset the expected steady earnings growth, leading to a bit lower coverage ratio (Exhibit 4).

Exhibit 12: Low coupon bonds will continue to mature in 2026

The index bonds maturing in 2026 and 2027 have the average coupon of 3.4%. That compares to about 5% yield expected next year.

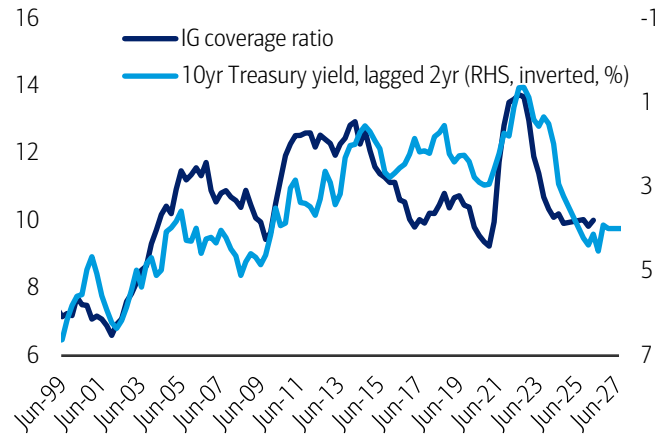


Source: BofA Global Research, ICE Data Indices, LLC

BofA GLOBAL RESEARCH

Exhibit 13: IG coverage ratio depends a lot on rates

The coverage ratio tends to follow 10yr Treasury yields with a 2yr lag. More stable rates recently suggest less impact on coverage in 2026.



Source: BofA Global Research, Bloomberg.

BofA GLOBAL RESEARCH

Previously published here:

[Situation Room: Is more AI supply coming? 30 October 2025](#)



Is more AI supply coming?

Borrowing to fund AI datacenter spending exploded in September and so far in October. IG bond market supply from META (\$30bn), ORCL (\$18bn) and RPLDCI (\$27bn) totaled \$75bn, and that's not counting the \$38bn loan tied to Oracle / Vantage data centers that's being put together by banks, according to news reports. That's a dramatic jump from the \$37bn average annual pace of supply prior to Covid (Exhibit 14).

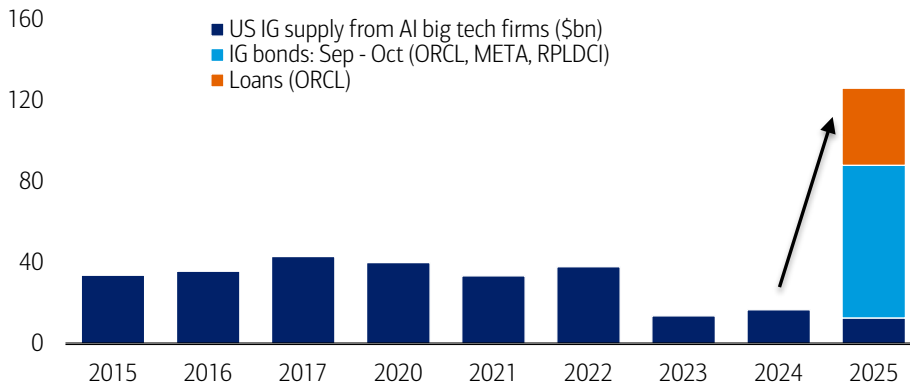
The answer is “probably yes”

The reason for the absence of AI funding in the IG bond market prior to September is the strong cash flow generation by the big tech firms (AMZN, GOOGL, META, MSFT, ORCL). However, META announcing even higher spending plans for next year (see our report, [Meta Platforms Inc: AI opportunity that is worth the wait](#)) suggests the companies collectively may be reaching a limit on how much AI capex they are willing to fund purely from cash flows.

Consensus estimates show AI capex reaching 94% of operating cash flow less spending on dividends and share buybacks in 2025 and in 2026, up from 76% in 2024 (Exhibit 15). A number below 100% means technically the firms don't need to issue debt to fund the spending, but it's getting close. Another option is to fund the capex with equity capital by eliminating share buybacks. That would take the ratio all the way down to low 70s (the dark blue bars in Exhibit 15). Equity could be an attractive alternative given the elevated stock multiples.

Exhibit 14: Borrowing to fund AI datacenter spending exploded in September and so far in October

IG bond market supply from META (\$30bn), ORCL (\$18bn) and RPLDCI (\$27bn) totaled \$75bn, and that's not counting the \$38bn loan tied to Oracle.



Note: "AI big tech firms" include the following: AMZN, GOOGL, META, MSFT, ORCL.

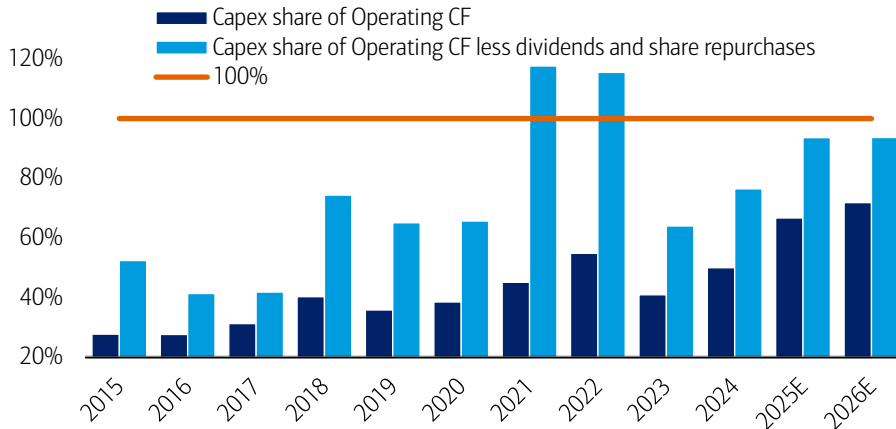
Source: BofA Global Research

BofA GLOBAL RESEARCH



Exhibit 15: Companies may be reaching a limit on how much capex they can fund purely from CFs.

Consensus estimates show AI capex reaching 94% of operating cash flow less spending on dividends and share buybacks in 2025 and in 2026, up from 76% in 2024.



Note: aggregate volumes for the following companies: AMZN, GOOGL, META, MSFT, ORCL

Source: BofA Global Research, Bloomberg, Visible Alpha.

BofA GLOBAL RESEARCH

Previously published here:

[Situation Room: Oct FOMC: As hawkish as it gets 29 October 2025](#)

Oct FOMC: As hawkish as it gets

Over the past three years, FOMC meetings tended to deliver a dovish message. Hence, the October FOMC was unusual by triggering some of the most hawkish market reactions on the FOMC day since at least 2022 (2yr Treasury yield +11bps on the day, Exhibit 17).

For IG credit, the negative impact of the resulting market volatility was offset by the bullish combination of significantly higher rates (10yr Treasury yield +10bps) and little changed interest rate vol. That contrasts with early October, when rates fell and rate vol increased as trade tensions flared up between the US and China, driving spreads materially wider (Exhibit 16).

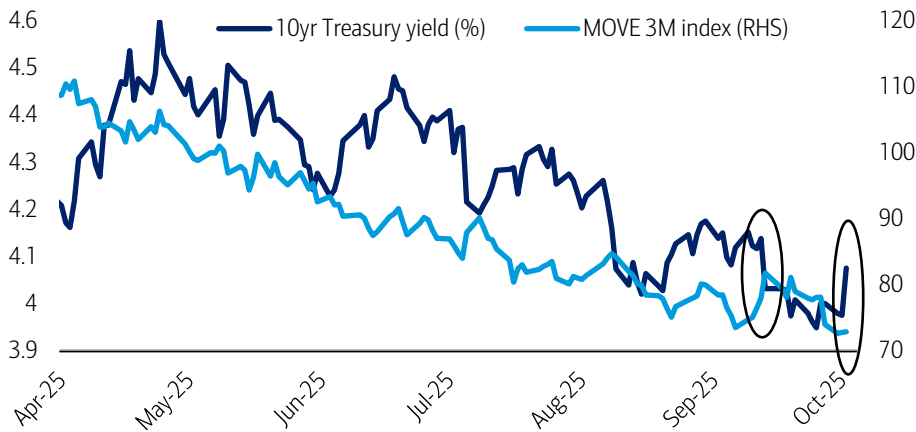
Hold your horses

The hawkish market reaction was in response to Chair Powell pushing back against markets pricing a 92% chance of a third Fed cut in December (see report, [US Watch: Clear the Dec](#)). Instead, Powell stated that a December cut “is not a forgone conclusion—far from it.” In fact, many on the committee felt that potentially “this is where we should at least wait a cycle.” In response, market-based probability of a December cut fell to 69%, and markets priced out 14bps of cuts through June of 2026 (Exhibit 18).



Exhibit 16: Higher rates, stable rates vol = bullish for IG spreads

Following the Oct FOMC, 10yr Treasury yield jumped 10bps while rate vol was little changed. That is supportive for IG bond demand. In contrast, lower yields / higher rate vol was bearish in early Oct.

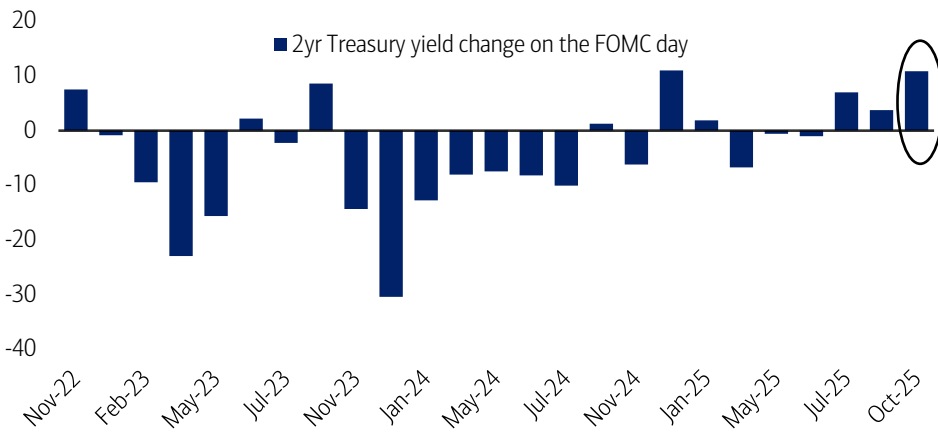


Source: Bloomberg

BofA GLOBAL RESEARCH

Exhibit 17: As hawkish as it gets

2yr Treasury yield jumped +11bps on October 29, which is some of the biggest increases since at least 2022 and matches the move higher following the Dec-2024 FOMC.



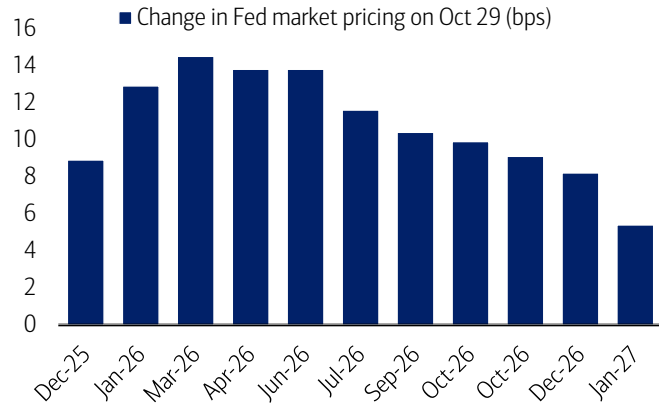
Source: Bloomberg

BofA GLOBAL RESEARCH



Exhibit 18: Markets subtracted 14bps from Fed cuts through Jun-26

Market pricing subtracted anywhere from 9 (for Dec-25) to 14bps (for Jun-26) from Fed rate cuts following the Oct FOMC.

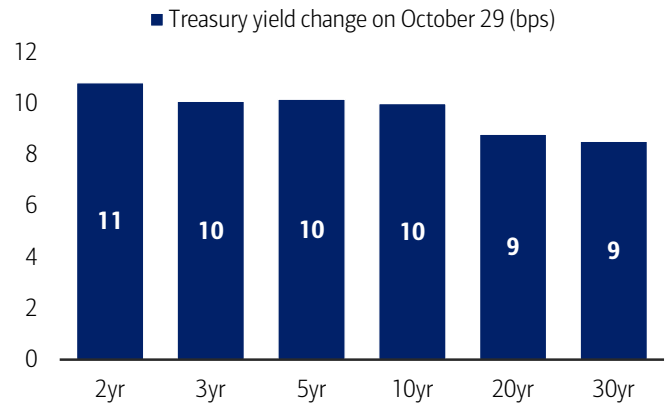


Source: Bloomberg

BofA GLOBAL RESEARCH

Exhibit 19: Treasury yield curve bear flattened

The Treasury yield curve bear flattened on Oct 29, with 2yr Treasury yield up 11bps and 30yr – up 9bps on the day.



Source: Bloomberg

BofA GLOBAL RESEARCH

Previously published here:

[Situation Room: IG November supply: Favorable conditions 27 October 2025](#)

IG November supply: Favorable conditions

We look for \$130bn in IG November new issue supply. That would make one of the highest supply volumes for the month of November – similar to \$128bn in 2012 and a bit above \$121bn in 2017 (Exhibit 20). However, the amount is consistent with our \$1.59tr IG supply forecast for the full year 2025 and would be closer to the typical seasonal volumes than in September or October, when supply was more elevated (Exhibit 21). Finally, our forecast implies a steady net supply in November relative to October at about \$45bn (Exhibit 26).

November supply outlook details

IG supply issuance volumes are accelerating this week likely in part due to favorable market conditions. November supply tends to be more concentrated in non-financials, and those issuers should find the borrowing costs attractive. The yield on the IG index has now dropped to some of the lowest levels over the prior three years (Exhibit 23).

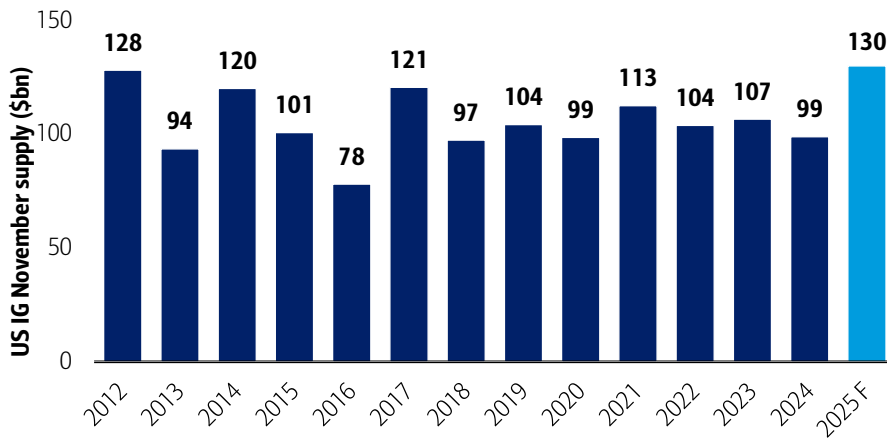
While the performance of supply weakened in October (Exhibit 28) potentially due to market volatility, spreads being near the tight suggests demand remains strong (Exhibit 24). The pipeline of M&A deals with IG issuance implications remains elevated (Exhibit 27).

The unseasonably high supply volumes in September and October (note we include the \$27bn RPLDCI deal in our numbers) could, on the other hand, push November supply lower to the extent some deals were pulled forward into those months.



Exhibit 20: November supply forecast: \$130bn

Our \$130bn forecast implies the highest supply volume for the month of November, although not far from \$128bn priced in November 2012.

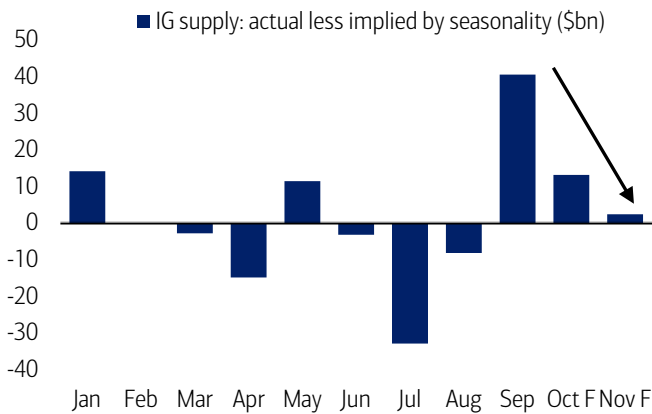


Source: BofA Global Research

BofA GLOBAL RESEARCH

Exhibit 21: November should be closer to typical seasonal levels

The actual September and October supply exceeded the typical levels (based on historical seasonality) by about \$40bn and \$13bn, respectively.

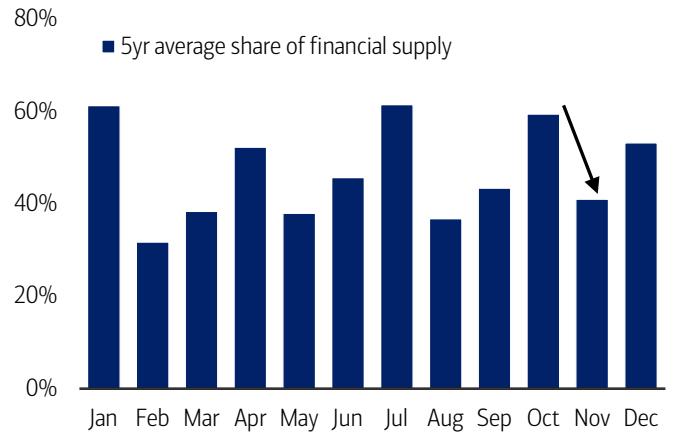


Source: BofA Global Research

BofA GLOBAL RESEARCH

Exhibit 22: More non-financial supply in November

The average share of financial supply drops to 41% in November from 59% in October.



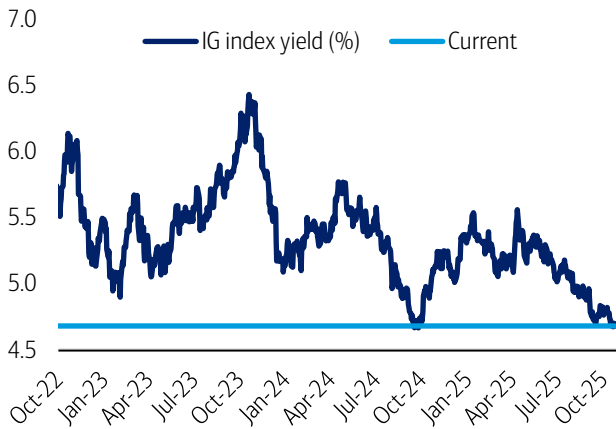
Source: BofA Global Research

BofA GLOBAL RESEARCH



Exhibit 23: IG yield is near the bottom of the recent range

IG index yield is currently near the low end of the range (4.68%) over the prior three years.

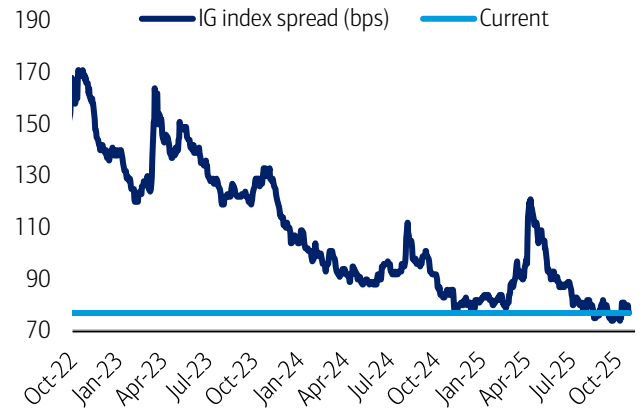


Source: ICE Data Indices, LLC

BofA GLOBAL RESEARCH

Exhibit 24: IG spreads are tight

The IG index spread is near cyclical tight at 77bps.

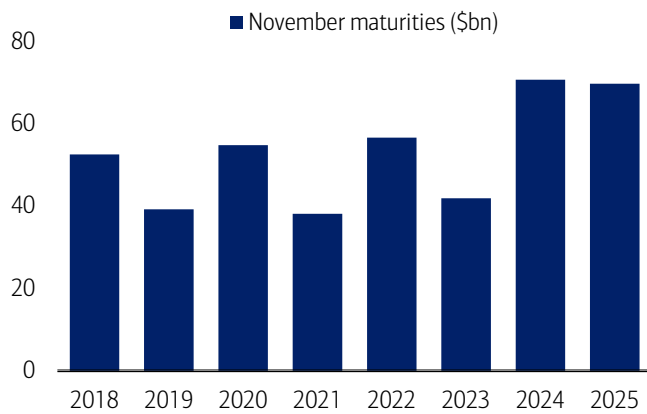


Source: ICE Data Indices, LLC

BofA GLOBAL RESEARCH

Exhibit 25: 2025 November maturities are similar to 2024

November maturities this year is \$70bn, similar to \$71bn in 2024.

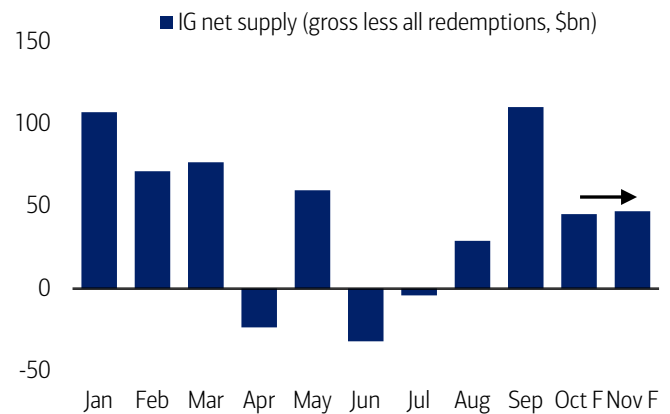


Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 26: Net supply to remain steady in November

Our forecast implies net supply of \$45bn in November – similar to October.



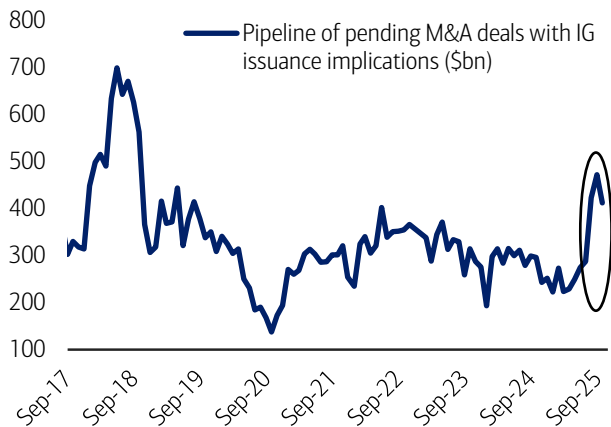
Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH



Exhibit 27: IG M&A deal pipeline remains elevated

The pipeline of announced M&A deals with IG issuance implications reached \$412bn in September from \$273bn in January.

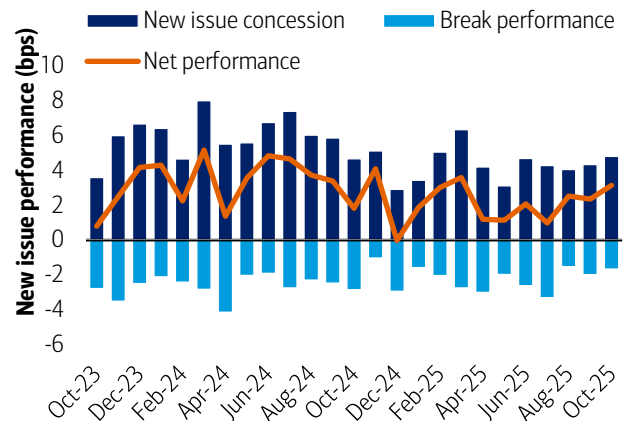


Source: BofA Global Research

BofA GLOBAL RESEARCH

Exhibit 28: New issue performance weakened in October

Net performance for October supply widened to 3.1bps from 2.4bps in September.



Source: BofA Global Research

BofA GLOBAL RESEARCH

Previously published here:

[Situation Room: 3Q earnings half time update: strong 28 October 2025](#)

3Q earnings half time update: strong

The 3Q earnings reporting season is in full swing. By now, 37% of US IG public issuers have reported 37% of the expected aggregate 3Q earnings. Here, we provide a peak at the results so far.

Modest earnings, strong positive surprises

The results reported have been modest but much stronger than expected at the start of season. Based on the actual results when available and bottom-up expectations otherwise, we are tracking a +7.6% and +6.6% YoY earnings and revenue growth, respectively.

Our earnings tracker comes down to +3.4% YoY for “core” public US IG issuers, ex. Energy, Finance and Magnificent 7 (Exhibit 31). Note that we exclude Boeing (BA) from our sample due to an outsized loss a year ago. Including BA, earnings growth is +8.1% YoY. Earnings reported so far have been concentrated in Banks, Health Care, and Technology (Exhibit 33).

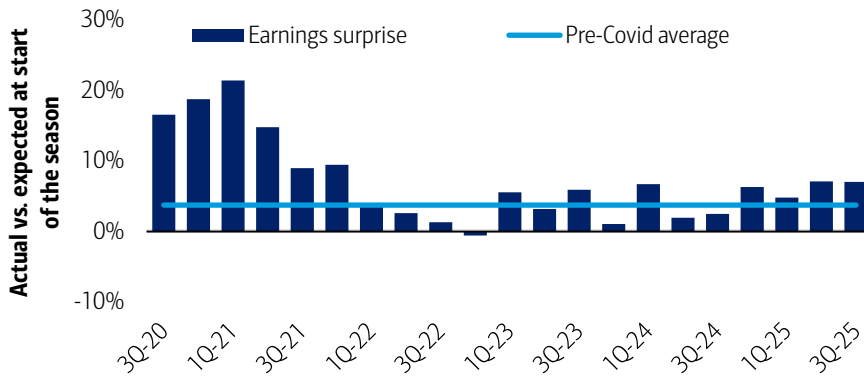
Beating expectations

For the companies that have reported so far, 3Q earnings have come in +6.9% above expectations at the start of the season on October 8th. That is little changed from 2Q but well above +3.7% pre-Covid average (Exhibit 29). Revenue surprise of +2.0% was also notably stronger than +0.7% pre-Covid average (Exhibit 30).



Exhibit 29: A strong earnings surprise in 3Q

3Q earnings reported so far were +6.9% above expectations, little changed from +7.1% surprise in 2Q but up notably from +3.7% pre-Covid average.



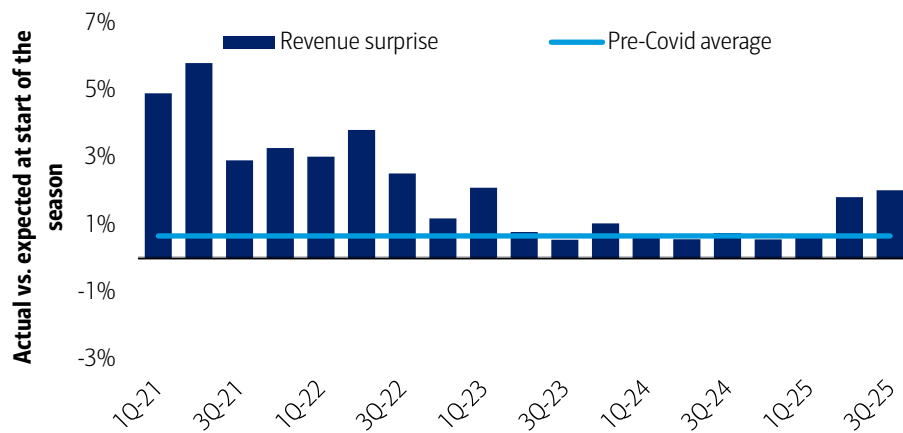
Note: 3Q-25 based on the actual results when available and consensus estimates otherwise. Results exclude BA.

Source: BofA Global Research, FactSet

BofA GLOBAL RESEARCH

Exhibit 30: 3Q revenue surprise so far has been notably above average levels

3Q revenues surprised to the upside by +2.0%, up from +1.8% surprise in 2Q and +0.7% pre-Covid average.



Note: 3Q-25 based on the actual results when available and consensus estimates otherwise. Results exclude BA.

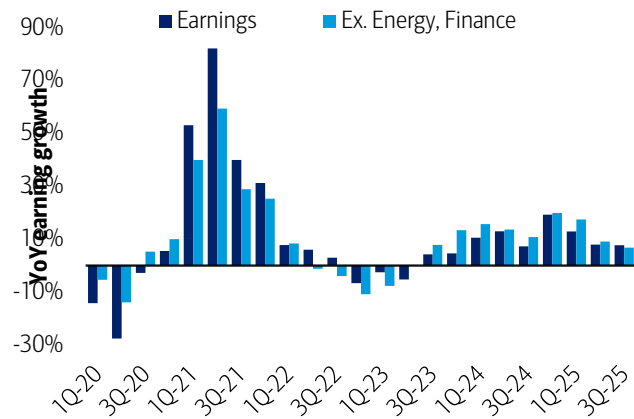
Source: BofA Global Research, FactSet

BofA GLOBAL RESEARCH



Exhibit 31: Earnings growth for US IG issuers

We are tracking 3Q-25 earnings growth of +6.7%, ex. Energy and Finance.



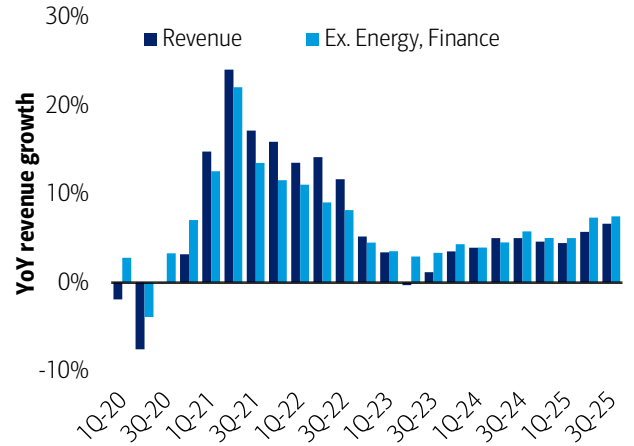
Note: 3Q-25 based on the actual results when available and consensus estimates otherwise. Results exclude BA.

Source: BofA Global Research, FactSet

BofA GLOBAL RESEARCH

Exhibit 32: Revenue growth for US IG issuers

Revenue growth has bottomed in 3Q-2023.



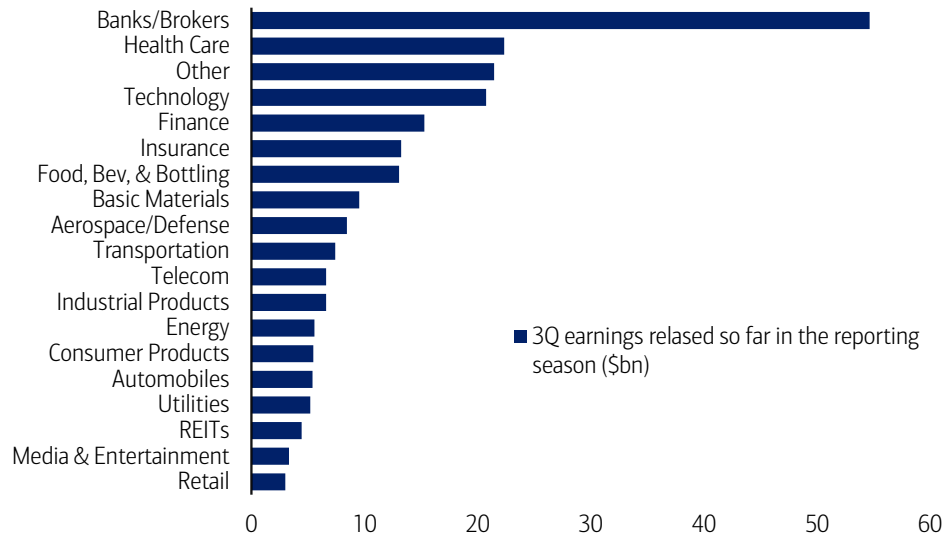
Note: 3Q-25 based on the actual results when available and consensus estimates otherwise. Results exclude BA.

Source: BofA Global Research, FactSet

BofA GLOBAL RESEARCH

Exhibit 33: Most 3Q earnings reported so far were from Banks, Health Care, and Technology

The top sectors in terms of the aggregate 3Q-25 earnings amount released so far in the reporting season.



Results exclude BA.

Source: BofA Global Research, FactSet

BofA GLOBAL RESEARCH

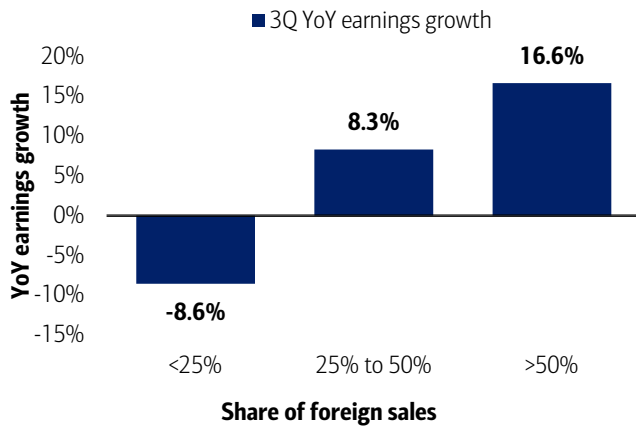
Domestic versus foreign

We are tracking the strongest 3Q earnings and revenue growth for the more global issuers (Exhibit 34, Exhibit 35). Sales surprise is more balanced across the bucket (Exhibit 37).



Exhibit 34: 3Q-25 consensus earnings growth by foreign sales

3Q earnings growth is tracking +16.6% YoY for issuers with global exposure.



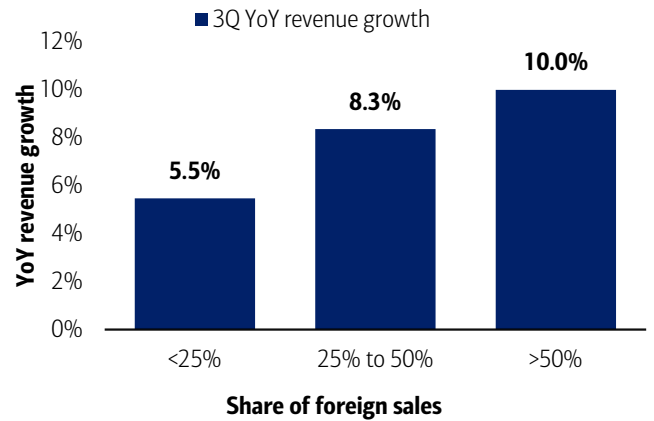
Note: 3Q-25 based on the actual results when available and consensus estimates otherwise. Excluding Finance, Energy, Utilities. Results exclude BA.

Source: BofA Global Research, FactSet.

BofA GLOBAL RESEARCH

Exhibit 35: 3Q-25 consensus sales growth by foreign sales

3Q sales growth is tracking +10.0% for the more global issuers.



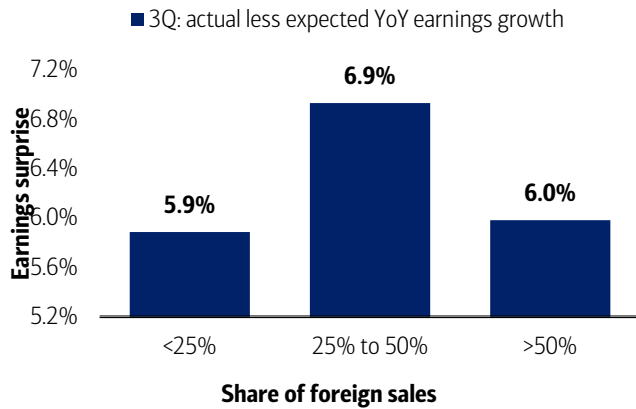
Note: 3Q-25 based on the actual results when available and consensus estimates otherwise. Excluding Finance, Energy, Utilities. Results exclude BA.

Source: BofA Global Research, FactSet.

BofA GLOBAL RESEARCH

Exhibit 36: 3Q-25 earnings surprise by foreign sales

Earnings surprise was the strongest for issuers with intermediate foreign exposure.



Note: Excluding Finance, Energy, Utilities. Results exclude BA.

Source: BofA Global Research, FactSet.

BofA GLOBAL RESEARCH

Exhibit 37: 3Q-25 sales surprise by foreign sales

Sales surprise was evenly spread between low to high share of foreign sales.



Note: Excluding Finance, Energy, Utilities. Results exclude BA.

Source: BofA Global Research, FactSet.

BofA GLOBAL RESEARCH

Results by sector

We are tracking the weakest YoY earnings in Automobiles (-32%), Food, Bev, & Bottling (-7%), and Telecom (-6%). The strongest YoY earnings growth is expected for Technology (23%), Banks/Brokers (20%), and Insurance (14%, Exhibit 10).

Exhibit 38: 3Q-2025 results by sector for US public IG issuers

The table lists earnings and sales growth by sector.

Sector	Earnings growth (YoY)	Sales growth (YoY)	Share of bond index value	Share of the sector that has reported
Aerospace/Defense	11.3%	12.5%	1.2%	81%
Automobiles	-32.3%	6.2%	1.2%	91%
Banks/Brokers	20.3%	11.0%	11.2%	99%



Exhibit 38: 3Q-2025 results by sector for US public IG issuers

The table lists earnings and sales growth by sector.

Sector	Earnings growth (YoY)	Sales growth (YoY)	Share of bond index value	Share of the sector that has reported
Basic Materials	2.7%	3.2%	1.7%	47%
Consumer Products	-3.7%	-0.8%	0.6%	44%
Energy	-0.3%	-0.7%	4.9%	23%
Finance	8.6%	9.4%	2.4%	55%
Food, Bev, & Bottling	-6.8%	4.9%	2.0%	65%
Health Care	-3.8%	8.4%	7.6%	30%
Industrial Products	-4.4%	2.3%	1.8%	30%
Insurance	13.8%	1.9%	2.8%	29%
Media & Entertainment	3.4%	9.0%	2.5%	6%
REITs	0.3%	4.3%	3.0%	27%
Retail	4.1%	5.5%	2.8%	10%
Technology	23.3%	15.0%	5.6%	40%
Telecom	-6.4%	3.9%	2.3%	69%
Transportation	12.8%	2.0%	2.0%	56%
Utilities	1.2%	5.0%	7.1%	23%
Other	12.4%	11.1%	2.8%	63%
Total US HG public co's	7.6%	6.6%	65.3%	48%
Total ex. Financials	6.2%	6.6%	45.9%	37%
Total ex. Energy	8.1%	7.4%	60.3%	50%
Total ex. Fin. & Energy	6.7%	7.5%	41.0%	39%
Yankee and private co's	n.a.	n.a.	34.7%	n.a.
HQ ex. Financials, Utilities	7.2%	7.7%	16.6%	35%
BBB ex. Financials, Utilities	3.9%	5.3%	20.8%	45%

Note: based on the actual results when available and consensus estimates otherwise. Results exclude BA.

Source: BofA Global Research, FactSet.

BofA GLOBAL RESEARCH

Surprises by sector

Earnings surprised to the upside the most for Utilities (19%), Automobiles (18%), and Aerospace/Defense (14%). On the other hand, earnings came in the weakest relative to expectations at the start of the season for Media & Entertainment (-13%), REITs (-10%), and Telecom (-2%, Exhibit 11).

Exhibit 39: 3Q-2025 earnings / sales surprises by sector for public US IG issuers

The table summarizes earnings and revenue surprises by sector.

Sector	Expected earnings growth (YoY)	Actual earnings growth (YoY)	Earnings surprise	Expected sales growth (YoY)	Actual sales growth (YoY)	Sales surprise	Percentage of the sector that has reported
Aerospace/Defense	0.1%	14.5%	14.4%	7.9%	11.2%	3.0%	81%
Automobiles	-30.7%	-18.4%	17.8%	-4.5%	2.6%	7.5%	91%
Banks/Brokers	10.4%	20.4%	9.0%	7.0%	10.5%	3.3%	99%
Basic Materials	-8.2%	-1.5%	7.3%	0.0%	1.6%	1.6%	47%
Consumer Products	-4.8%	-1.2%	3.7%	1.8%	3.1%	1.2%	44%
Energy	49.9%	62.0%	8.1%	3.8%	9.4%	5.4%	23%
Finance	4.6%	8.4%	3.7%	8.0%	10.1%	2.0%	55%
Food, Bev, & Bottling	-3.8%	-2.1%	1.8%	4.9%	5.1%	0.2%	65%
Health Care	-16.0%	-10.7%	6.3%	9.4%	10.5%	1.0%	30%
Industrial Products	-6.1%	-0.2%	6.2%	2.8%	3.2%	0.3%	30%
Insurance	12.8%	24.1%	10.1%	4.9%	7.6%	2.5%	29%
Media & Entertainment	12.6%	-1.5%	-12.5%	10.3%	10.0%	-0.3%	6%
REITs	-0.1%	-10.4%	-10.4%	3.4%	5.0%	1.6%	27%
Retail	-9.9%	-9.1%	0.8%	4.6%	5.4%	0.8%	10%
Technology	44.4%	56.2%	8.2%	14.0%	15.9%	1.7%	40%
Telecom	-9.3%	-10.7%	-1.6%	4.6%	4.5%	0.0%	69%
Transportation	-8.5%	0.2%	9.5%	0.7%	1.5%	0.8%	56%
Utilities	4.3%	23.7%	18.6%	7.2%	7.4%	0.2%	23%
Other	16.2%	25.7%	8.1%	12.3%	13.8%	1.3%	63%
Total US HG public co's	3.9%	11.0%	6.9%	5.8%	7.9%	2.0%	48%
Total ex. Financials	1.0%	7.9%	6.8%	5.6%	7.5%	1.8%	37%
Total ex. Energy	3.1%	10.2%	6.9%	5.9%	7.9%	1.9%	50%



Exhibit 39: 3Q-2025 earnings / sales surprises by sector for public US IG issuers

The table summarizes earnings and revenue surprises by sector.

Sector	Expected earnings growth (YoY)	Actual earnings growth (YoY)	Earnings surprise	Expected sales growth (YoY)	Actual sales growth (YoY)	Sales surprise	Percentage of the sector that has reported
Total ex. Fin. & Energy	-0.3%	6.4%	6.7%	5.7%	7.4%	1.6%	39%
HQ ex. Financials, Utilities	-2.0%	2.1%	4.2%	6.8%	8.0%	1.1%	35%
BBB ex. Financials, Utilities	6.2%	15.6%	8.8%	4.2%	6.8%	2.5%	45%

Note: based only on companies that have released 3Q-2025 results. Earnings surprise is $[\text{Actual } \$ \text{ earnings}] / [\text{Expected } \$ \text{ earnings}] - 1$. Results exclude BA.

Source: BofA Global Research, FactSet.

BofA GLOBAL RESEARCH

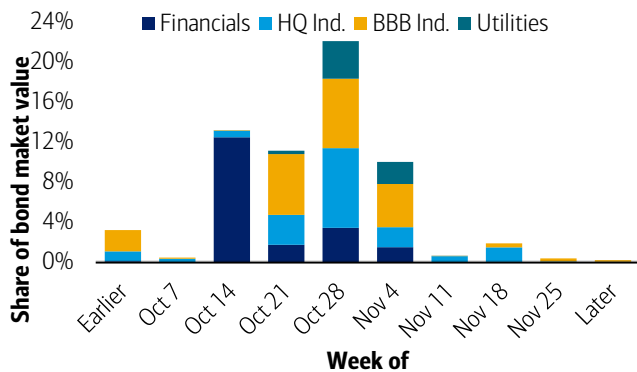
Timing of the earnings season

3Q reporting season peaks during the week of October 28th. The pace of reporting slows during the week of Nov 4th, after which the season is virtually over (Exhibit 40, Exhibit 41).

For the remainder of the season, reporting will be concentrated in terms of the IG bond index share in BBB industrials (8.4% of index value) and high quality industrials (10.0% of index value, Exhibit 42, Exhibit 43).

Exhibit 40: Weekly reporting: by the share of the US IG bond index

The week of Oct 28th is the busiest of the season.

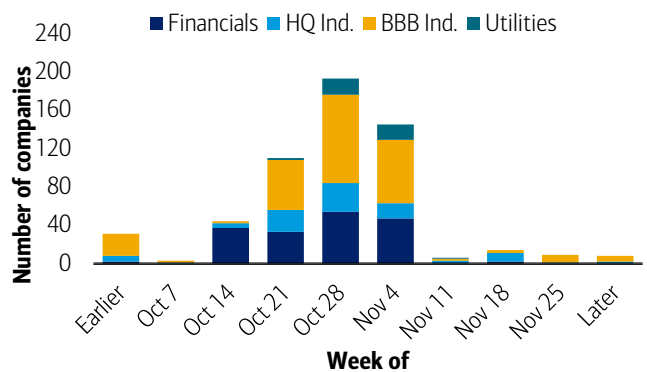


Source: BofA Global Research, Bloomberg.

BofA GLOBAL RESEARCH

Exhibit 41: Weekly reporting: by the number of companies

The number of companies reporting peaks for the week of Oct 28th.



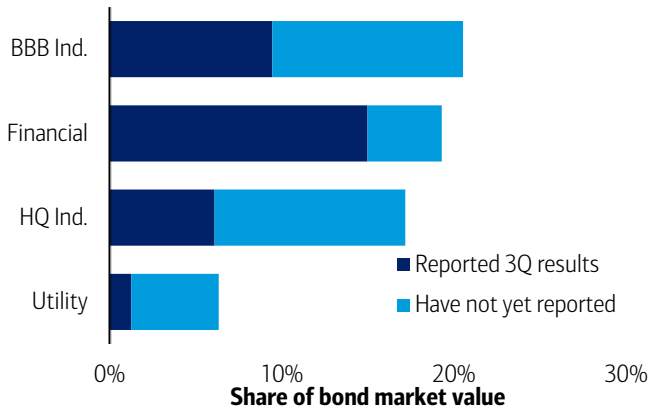
Source: BofA Global Research, Bloomberg.

BofA GLOBAL RESEARCH



Exhibit 42: 3Q reporting season progress by bond market value

By issuer bond market value reporting going forward is concentrated in BBB and high-quality industrials.

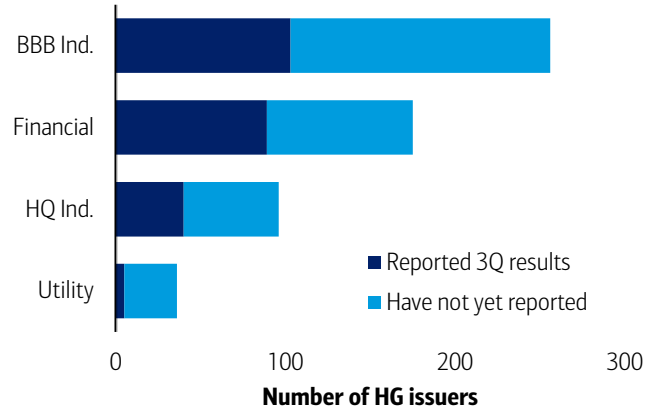


Source: BofA Global Research, Bloomberg.

BofA GLOBAL RESEARCH

Exhibit 43: 3Q reporting season progress by issuer count

By issuer count reporting going forward is concentrated in BBB industrials and Financials.



Source: BofA Global Research, Bloomberg.

BofA GLOBAL RESEARCH

Excerpt from:

[Situation Room: Is more AI supply coming? 30 October 2025](#)

Flows

IG glides

Inflows to HG moderated driven by Funds, while flows to HY and loans turned flat this past week ending October 29.

Inflows slowed but remained steady for US HG bond funds and ETFs, with a +\$5.92bn inflow down from a +\$8.06bn inflow in the prior week. This was driven by weaker inflows into HG Funds (to -\$0.04bn, from +\$2.38bn), as flows improved for HG ETFs (to +\$5.96bn from +\$5.68bn). Inflows also accelerated for short-term HG (to +\$0.65bn from +\$0.52bn), while inflows moderated ex. short-term (to +\$5.28bn from +\$7.54bn).

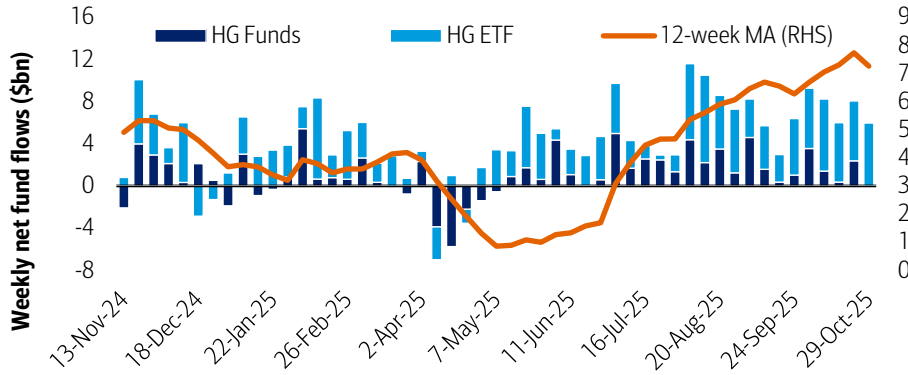
HY and loans recovering

Flows turned flat for HY (to -\$0.05bn from -\$2.72bn) and loans (to +\$0.17bn from -\$0.45bn), recovering from outflows the prior 2 weeks. Inflows remained moderate for equities this past week (to +\$9.73bn from +\$17.99bn), and for munis (to +\$1.29bn from +\$2.21bn). On the other hand, inflows accelerated for global EM bonds (to +\$2.08bn from +\$0.83bn). Finally, money markets reported a +\$41.67bn inflow this past week, following a +\$35.81bn inflow a week earlier.



Exhibit 44: Weekly high grade fund flows since 11/2024, \$bn

HG ETF inflow was +\$5.96bn this past week ending Oct-29 (vs +\$5.68bn a week prior), and HG Funds inflow was -\$0.04bn (vs +\$2.38bn a week prior). Since 11/2024, both HG Funds and ETFs, and the 12-week moving average have dipped at the end of 2024 and April 2025. Flows have rebounded since then.



Source EPFR Global. Note: data are for US-domiciled funds only.

BofA GLOBAL RESEARCH

Supply

US IG gross issuance was \$79.5bn this week, significantly above our \$30 - \$35bn forecast led by \$30bn META issuance on Thursday. This week's supply ending Oct-31 consisted of \$20.7bn financials, \$46.1bn high-quality industrials and \$12.7bn BBB industrials.

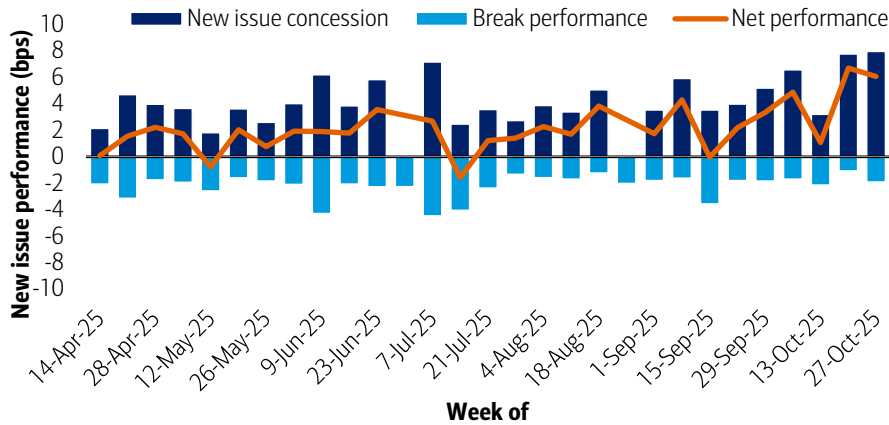
Given \$1482.0bn of gross issuance, \$841.0 bn of maturities and \$155.9bn of additional redemptions, net issuance is tracking \$485.1bn YTD. We expect heavy issuance in the \$50 - \$60bn range next week given the strong momentum this week, as most companies would be out of earnings-related blackouts (Exhibit 40). We expect \$130bn supply in November (see [Situation Room: IG November supply: Favorable conditions 27 October 2025](#)).

New issue performance improved a bit but remained week this week compared with the week of October 20 as the average new issue concession increased to 8bps from 7.8bps last week, while the average break performance improved at -1.9bps tighter this week versus -1.1bps tighter last week. As a result, the overall new issue performance, which we measure as new issue concession plus break performance, tightened to 6.1bps this week from 6.7bps last week. This week's new issues are trading 1bp wider on average from pricing.



Exhibit 45: Weekly new issue supply performance

For the week of Oct 27 2025: new issue concession = 8.0bps; break performance = -1.9bps; net performance = 6.1bps.

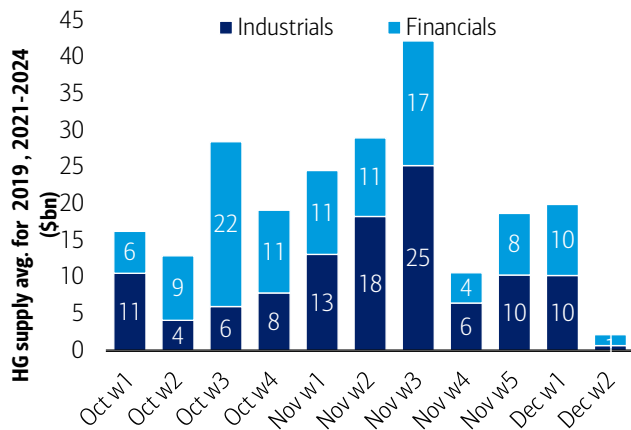


Source: BofA Global Research

BofA GLOBAL RESEARCH

Exhibit 46: Weekly supply seasonality since 1st week of October

Supply seasonally accelerates into 3rd week of November before slowing in December. Seasonality implies \$17bn issuance on 1st week of Oct, and \$13bn during 2nd week of Oct.

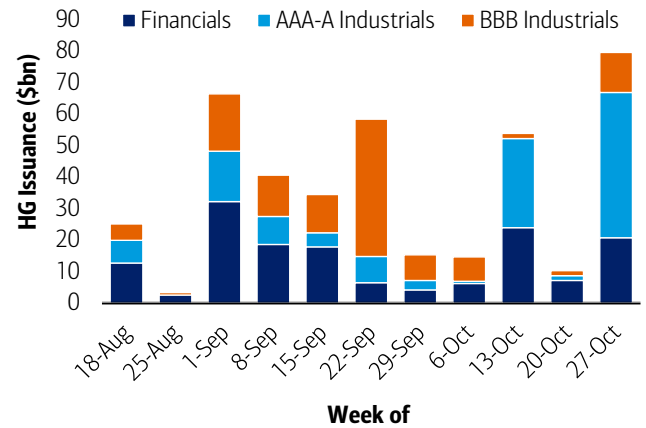


Source: Bloomberg, BofA Global Research

BofA GLOBAL RESEARCH

Exhibit 47: Weekly Supply since week of Aug-18

This week's supply ending Oct-31 consisted of \$20.7bn financials, \$46.1bn high-quality industrials and \$12.7bn BBB industrials.



Bloomberg, BofA Global Research

BofA GLOBAL RESEARCH

Exhibit 48: Recent new issue pricing and new issue concessions

List of new issues in the IG corporate bond market today along with performance metrics.

Date	Ticker	Name	Tenor	Size (\$mn)	Moody's/S&P	Cpn (%)	Px Spd	NIC	* Brk Perf	Cur Spd
2025-10-27	AKERBP	Aker BP ASA	10	1,000	Baa2/BBB	5.25	132	0	n.a.	136
2025-10-27	APH	Amphenol Corp	2	500	A3/A-	FRN	SOFR+53	n.a.	n.a.	n.a.
2025-10-27	APH	Amphenol Corp	2	750	A3/A-	3.8	33	n.a.	-1	33
2025-10-27	APH	Amphenol Corp	3	750	A3/A-	3.9	43	n.a.	-1	45
2025-10-27	APH	Amphenol Corp	5	1,000	A3/A-	4.125	53	n.a.	0	56
2025-10-27	APH	Amphenol Corp	7	1,250	A3/A-	4.4	63	n.a.	0	67
2025-10-27	APH	Amphenol Corp	10	1,600	A3/A-	4.625	65	4	1	70
2025-10-27	APH	Amphenol Corp	30	1,650	A3/A-	5.3	75	10	1	76
2025-10-27	DNBNO	DNB Bank ASA	6NC5	1,000	A2/A	4.384	77	n.a.	-1	78
2025-10-27	HCA	HCA Inc	5	500	Baa2/BBB	4.3	72	1	-2	71
2025-10-27	HCA	HCA Inc	7	1,000	Baa2/BBB	4.6	85	4	-3	83
2025-10-27	HCA	HCA Inc	10	1,000	Baa2/BBB	4.9	95	5	-1	95



Exhibit 48: Recent new issue pricing and new issue concessions

List of new issues in the IG corporate bond market today along with performance metrics.

Date	Ticker	Name	Tenor	Size (\$mn)	Moody's/S&P	Cpn (%)	Px Spd	NIC	* Brk Perf	Cur Spd
2025-10-27	HCA	HCA Inc	30	750	Baa2/BBB	5.7	115	3	1	118
2025-10-27	LLOYDS	Lloyds Banking Group PLC	PERP NC10	1,000	Baa3/BBB	6.625	268	n.a.	n.a.	n.a.
2025-10-27	LUV	Southwest Airlines Co	3	750	Baa2/BBB	4.375	88	n.a.	-4	84
2025-10-27	LUV	Southwest Airlines Co	10	750	Baa2/BBB	5.25	128	n.a.	1	141
2025-10-27	OCFC	OceanFirst Financial Corp	10NC5	185	Baa3/NA	6.375	276	n.a.	n.a.	n.a.
2025-10-27	PG	Procter & Gamble Co/The	7	750	Aa3/AA-	4.1	32	n.a.	n.a.	33
2025-10-27	PG	Procter & Gamble Co/The	10	500	Aa3/AA-	4.35	37	n.a.	n.a.	40
2025-10-27	PLDTLF	Prologis Targeted US Logistics Fund LP	5	400	A3/A-	4.25	70	0	-3	68
2025-10-27	PLDTLF	Prologis Targeted US Logistics Fund LP	10	600	A3/A-	4.75	90	6	-2	92
2025-10-27	PM	Philip Morris International Inc	3	300	A2/A-	FRN	SOFRRATE+66	n.a.	n.a.	64
2025-10-27	PM	Philip Morris International Inc	3	750	A2/A-	3.875	43	n.a.	n.a.	46
2025-10-27	PM	Philip Morris International Inc	5	750	A2/A-	4	58	1	n.a.	60
2025-10-27	PM	Philip Morris International Inc	7	850	A2/A-	4.25	68	3	n.a.	74
2025-10-27	PM	Philip Morris International Inc	10	850	A2/A-	4.625	78	5	n.a.	81
2025-10-27	R	Ryder System Inc	5	300	Baa2/BBB+	4.3	73	3	n.a.	n.a.
2025-10-27	SANFP	Sanofi SA	2	500	Aa3/AA	FRN	SOFRRATE+46	n.a.	n.a.	n.a.
2025-10-27	SANFP	Sanofi SA	2	400	Aa3/AA	3.75	25	n.a.	n.a.	n.a.
2025-10-27	SANFP	Sanofi SA	3	500	Aa3/AA	FRN	SOFRRATE+54	n.a.	n.a.	n.a.
2025-10-27	SANFP	Sanofi SA	3	400	Aa3/AA	3.8	30	n.a.	n.a.	26
2025-10-27	SANFP	Sanofi SA	7	1,200	Aa3/AA	4.2	45	n.a.	n.a.	43
2025-10-28	AAL	American Airlines Inc	9	221	NA/BBB-	5.65	167	n.a.	n.a.	n.a.
2025-10-28	AAL	American Airlines Inc	13	884	NA/A-	4.9	92	n.a.	n.a.	n.a.
2025-10-28	BX	Blackstone Reg Finance Co LLC	5	600	NA/A+	4.3	73	n.a.	-2	70
2025-10-28	BX	Blackstone Reg Finance Co LLC	10	600	NA/A+	4.95	98	n.a.	-3	94
2025-10-28	F	Ford Motor Credit Co LLC	10	1,000	Ba1/BBB-	5.869	188	9	n.a.	189
2025-10-28	FABSJV	Foundry JV Holdco LLC	4	240	NA/BBB	5.9	82	12	n.a.	n.a.
2025-10-28	FABSJV	Foundry JV Holdco LLC	5	155	Baa1/BBB	5.5	90	11	n.a.	94
2025-10-28	FABSJV	Foundry JV Holdco LLC	6	215	NA/BBB	6.15	100	4	n.a.	100
2025-10-28	FABSJV	Foundry JV Holdco LLC	7	140	Baa1/BBB	5.9	105	2	n.a.	113
2025-10-28	FABSJV	Foundry JV Holdco LLC	8	265	NA/BBB	5.875	120	0	n.a.	122
2025-10-28	FABSJV	Foundry JV Holdco LLC	9	245	NA/BBB	6.25	115	3	n.a.	121
2025-10-28	FABSJV	Foundry JV Holdco LLC	10	145	Baa1/BBB	6.1	117	8	n.a.	125
2025-10-28	FABSJV	Foundry JV Holdco LLC	11	155	Baa1/BBB	6.2	122	10	n.a.	131
2025-10-28	FABSJV	Foundry JV Holdco LLC	12	230	NA/BBB	6.4	132	17	n.a.	138
2025-10-28	LLOYDS	Lloyds Banking Group PLC	6NC5	300	A3/A-	FRN	SOFR+110	n.a.	n.a.	n.a.
2025-10-28	LLOYDS	Lloyds Banking Group PLC	6NC5	1,500	A3/A-	4.425	82	n.a.	-2	75
2025-10-28	LLOYDS	Lloyds Banking Group PLC	11NC10	1,250	A3/A-	4.943	97	7	0	96
2025-10-28	MEITUA	Meituan	6	600	Baa1/A-	4.5	95	n.a.	-3	n.a.
2025-10-28	MEITUA	Meituan	7	600	Baa1/A-	4.75	105	n.a.	n.a.	n.a.
2025-10-28	MEITUA	Meituan	10	800	Baa1/A-	5.125	115	n.a.	-9	101
2025-10-28	MTB	M&T Bank Corp	PERP NC5	450	NA/BB+	6.35	274	n.a.	n.a.	n.a.
2025-10-28	RY	Royal Bank of Canada	3NC2	500	A1/A	FRN	SOFR+70	n.a.	n.a.	n.a.
2025-10-28	RY	Royal Bank of Canada	3NC2	750	A1/A	3.995	50	4	-2	49
2025-10-28	RY	Royal Bank of Canada	6NC5	1,000	A1/A	4.305	70	8	-1	69
2025-10-28	TXT	Textron Inc	10	500	Baa2/BBB	4.95	97	10	n.a.	97
2025-10-30	HUBB	Hubbell Inc	10	400	Baa1/BBB+	4.8	82	n.a.	-5	76
2025-10-30	META	Meta Platforms Inc	5	4,000	Aa3/AA-	4.2	50	26	-1	49
2025-10-30	META	Meta Platforms Inc	7	4,000	Aa3/AA-	4.6	70	22	-4	65
2025-10-30	META	Meta Platforms Inc	10	6,500	Aa3/AA-	4.875	78	24	-4	74
2025-10-30	META	Meta Platforms Inc	20	4,500	Aa3/AA-	5.5	88	n.a.	-3	91
2025-10-30	META	Meta Platforms Inc	30	6,500	Aa3/AA-	5.625	98	14	-3	98
2025-10-30	META	Meta Platforms Inc	40	4,500	Aa3/AA-	5.75	110	15	-4	111
2025-10-30	MSCI	MSCI Inc	10	500	Baa3/BBB-	5.15	110	8	n.a.	108
2025-10-30	NWG	NatWest Markets PLC	3	600	A1/A	FRN	SOFR+80	n.a.	n.a.	n.a.
2025-10-30	NWG	NatWest Markets PLC	3	850	A1/A	0	57	9	-1	56
2025-10-30	NWG	NatWest Markets PLC	5	850	A1/A	0	70	n.a.	-1	69
2025-10-30	PPG	PPG Industries Inc	5	700	A3/BBB+	4.375	75	n.a.	n.a.	74
2025-10-30	SANTAN	Banco Santander SA	5	300	Baa1/A+	FRN	SOFR+112	n.a.	n.a.	82
2025-10-30	SANTAN	Banco Santander SA	5	1,250	Baa1/A+	4.551	83	n.a.	-1	111
2025-10-30	SANTAN	Banco Santander SA	10	1,250	Baa1/A+	5.127	103	n.a.	-1	101

Note: We calculate new issue concessions by estimating the difference between new issue bond spread and interpolated G spread from comparable liquid secondary bonds of the same issuer prior to the new issue deal announcement, adjusted for the spread impact of dollar prices deviating from par. Break performance is computed as the difference between new issue pricing and secondary closing spread on the first day of trading.



Exhibit 48: Recent new issue pricing and new issue concessions

List of new issues in the IG corporate bond market today along with performance metrics.

Date	Ticker	Name	Tenor	Size (\$mn)	Moody's/S&P	Cpn (%)	Px Spd	NIC	* Brk Perf	Cur Spd
------	--------	------	-------	-------------	-------------	---------	--------	-----	------------	---------

Source: BofA Global Research

BofA GLOBAL RESEARCH

Weekly technicals details

Below we track an indicator for the IG market technicals based on supply, maturities, flows, coupons, net downgrades to HY, and calls and tenders. This past week's IG supply net demand was a weak +\$43.5bn, and we expect a bit stronger technicals at +\$29.6bn next week (Exhibit 7). We expect dealer inventories increased due to heavy supply (Exhibit 56).

Exhibit 49: IG supply and demand breakdown (\$bn)

IG supply: gross issuance + rising stars - fallen angels. IG demand: maturities + calls/tenders + coupons + IG ETF / fund flows.

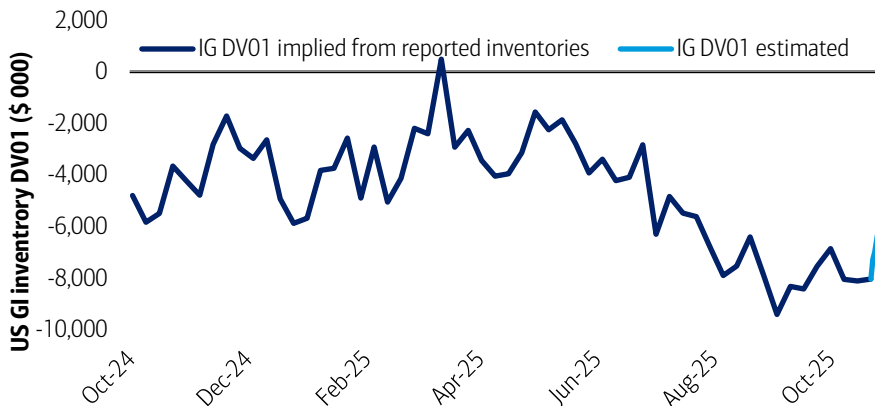
	Supply				Demand					Net	
	Issuance	Fallen angel	Rising star	Total supply	Calls/Tenders	Maturity	Coupons	ETF / Fund flows	Total demand	Supply net demand	
Week of Oct-27	79.5	1.1	0.0	78.4	3.9	19.8	8.8	2.4	34.9	43.5	
Week of Nov-03	55.0	0.2	0.7	55.5	3.1	16.2	4.0	2.7	25.9	29.6	
1wk chg est.	-24.5	-0.9	0.7	-22.9	-0.9	-3.5	-4.8	0.3	-9.0	-13.9	
12wk MA	36.2	0.2	0.7	36.7	4.5	18.5	9.4	3.3	35.8	0.9	
12wk %tile											
Week of Oct-27	100%	100%	0%	100%	45%	73%	45%	9%	45%	100%	
Week of Nov-03	73%	73%	91%	64%	27%	0%	18%	36%	0%	73%	

Source: BofA Global Research, ICE Data Indices, LLC, EPFR Global, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 50: Estimated dealer inventory DV01 for IG corporate bonds since Oct-2024.

We estimate IG dealer inventory DV01 of US issuer bonds increased to -\$2.7mn currently on Oct-30 from -\$8.0bn on Oct-22. Since Oct-2024, dealer inventories have fluctuated but generally stayed negative.



Note: data for US issuer bonds only, maturities 13M or longer. Actual dealer inventory data is from Primary Dealer Statistics survey by the NY Fed. The subsequent change in inventory is estimated based on TRACE and IG ETF flows.

Source: BofA Global Research, FINRA, TRACE, Federal Reserve

BofA GLOBAL RESEARCH

Exhibit 51: Estimated changes in IG dealer inventories by maturity and broad sector.

We estimate IG dealer inventories increased \$3,920mn on Oct-30 increased \$6,530mn over the prior week, and increased \$4,339 over the past 4 weeks.

Sector	Net dealer buy (\$mn)					Net dealer DV01 change (\$thousand)					Trading volumes on 30-Oct-25 (\$mn)			
	30-Oct	29-Oct	1 W	2 W	4 W	30-Oct	29-Oct	1 W	2 W	4 W	Buy	Sell	Dealer	Total
High grade (TRACE + ETFs)	3,920	335	6,530	6,754	4,339	2,478	711	5,821	6,077	4,284	19,113	14,390	12,630	46,133
ETF flow	804	-141	2,125	2,754	5,242	624	-161	1,246	1,642	3,135	-	-	-	-
TRACE net dealer buy	4,724	194	8,654	9,508	9,581	3,102	551	7,067	7,719	7,419	19,113	14,390	12,630	46,133



Exhibit 51: Estimated changes in IG dealer inventories by maturity and broad sector.

We estimate IG dealer inventories increased \$3,920mn on Oct-30 increased \$6,530mn over the prior week, and increased \$4,339 over the past 4 weeks.

	Net dealer buy (\$mn)					Net dealer DV01 change (\$thousand)					Trading volumes on 30-Oct-25 (\$mn)			
	30-Oct	29-Oct	1 W	2 W	4 W	30-Oct	29-Oct	1 W	2 W	4 W	Buy	Sell	Dealer	Total
<3yr	665	-311	-336	120	858	50	-64	-124	-100	28	3,351	2,686	1,575	7,612
3-5yr	918	-293	1,753	1,423	-959	360	-114	648	484	-381	3,250	2,332	2,309	7,891
5-11yr	1,761	579	4,088	4,500	6,679	1,148	432	2,772	3,149	4,241	5,522	3,761	4,476	13,759
11+yr	1,380	219	3,150	3,465	3,003	1,545	297	3,771	4,186	3,530	6,990	5,610	4,270	16,871
Fin	1,836	107	2,032	2,291	3,033	706	74	1,275	1,190	1,647	6,311	4,476	3,700	14,486
Non-Fin	2,888	87	6,623	7,217	6,549	2,396	477	5,791	6,528	5,771	12,802	9,914	8,930	31,647
Fixed	4,724	194	8,535	9,316	9,337	3,102	551	7,029	7,680	7,326	19,113	14,390	12,630	46,133
Floating	0	0	120	192	244	0	0	37	39	93	0	0	0	0
US issuers	3,654	112	7,190	8,434	9,024	2,524	462	5,796	6,842	6,834	15,475	11,821	10,640	37,935
DM Yankees	969	131	1,344	1,064	381	465	129	1,228	885	436	3,345	2,376	1,900	7,621
EM Yankees	101	-49	120	11	176	113	-40	43	-8	149	294	193	90	577

Note: data for maturities 13M or longer. Changes in inventories are estimated based on TRACE and IG ETF flows.

Source: BofA Global Research, FINRA, TRACE, Bloomberg.

BofA GLOBAL RESEARCH

Exhibit 52: Estimated changes in IG dealer inventories by sector.

We estimate on Oct-30 IG dealer inventories increased \$1,559mn for Banks/Brokers and declined -\$17mn for Energy. Over the past 4 weeks, we estimate inventories increased \$1,809mn for Banks/Brokers and increased \$736mn for Energy.

Sector	Net dealer buy (\$mn)					Net dealer DV01 change (\$thousand)					Trading volumes on 30-Oct-25 (\$mn)			
	30-Oct	29-Oct	1 W	2 W	4 W	30-Oct	29-Oct	1 W	2 W	4 W	Buy	Sell	Dealer	Total
Aerospace/Defense	299	-19	373	424	401	309	-7	343	314	306	479	180	255	915
Automobiles	92	54	102	269	187	38	12	77	157	90	406	314	490	1,211
Banks/Brokers	1,559	-197	1,114	1,698	1,809	679	-150	743	1,049	1,016	3,943	2,384	2,161	8,487
Basic Materials	203	188	820	1,007	1,005	184	202	673	894	909	714	511	393	1,619
Commercial Services	134	-4	230	252	260	72	2	141	107	154	354	220	234	807
Energy	-17	-128	-11	517	736	2	-60	97	472	703	958	975	763	2,696
Finance	368	367	839	653	703	175	314	591	363	461	1,264	895	785	2,944
Food, Bev, & Bottling	118	-58	360	604	302	157	-49	311	405	161	817	698	714	2,229
Health Care	429	-49	1,191	1,046	126	359	12	1,049	1,093	301	2,140	1,711	1,355	5,206
Industrial Products	-60	-35	-112	-417	-684	-97	25	-90	-239	-393	309	369	201	880
Insurance	-21	-93	-1	223	787	-104	-104	-124	-99	210	662	683	489	1,834
Media & Entertainment	402	56	662	648	746	392	25	624	764	790	1,343	941	738	3,021
REITs	-71	29	80	-282	-266	-43	14	66	-123	-40	443	514	265	1,221
Retail	35	90	205	360	551	139	108	297	452	535	565	530	706	1,801
Technology	438	-12	1,106	995	1,493	360	33	1,060	940	1,193	1,649	1,211	1,181	4,041
Telecom	550	22	814	964	1,143	478	29	677	717	850	1,163	613	453	2,229
Tobacco	28	78	352	358	516	31	38	205	172	340	99	71	153	323
Transportation	116	49	291	365	394	54	79	200	350	324	289	173	241	702
Utilities	113	-88	79	-331	-890	-92	38	33	-240	-763	1,300	1,187	847	3,334
Other	8	-56	160	156	262	8	-11	93	173	270	217	210	205	632

Note: data for maturities 13M or longer. Changes in inventories are estimated based on TRACE.

Source: BofA Global Research, FINRA, TRACE.

BofA GLOBAL RESEARCH

Sector views

Below is the summary of US IG sector views. For more details, see [Credit Market Strategist: Sector outlook 21 March 2025](#), and [Credit Market Strategist: Uneasy equilibrium](#).

Exhibit 53: US IG credit strategy sector views summary as of Oct-31-2025

Below outlines our sector views.

Overweight	View	Market weight	View	Underweight	View
Aerospace/Defense	Over	Automobiles	Market	Basic Materials	Under
Banks/Brokers	Over	Consumer Products	Market	Metals & Mining	Market
Energy	Over	Industrial Products	Market	Chemicals	Under
Oil & Gas	Over	Media & Entertainment	Market	Food, Bev, & Bottling	Under
Pipelines	Over	Telecom	Market	Retail	Under



Exhibit 53: US IG credit strategy sector views summary as of Oct-31-2025

Below outlines our sector views.

Overweight	View	Market weight	View	Underweight	View
Health Care	Over			Discounters	Under
Life Insurance	Over			Non-Discounters	Under
Railroads	Over			Technology	Under
REITs	Over				
Tobacco	Over				
Utilities	Over				

Source: BofA Global Research

BofA GLOBAL RESEARCH

Common abbreviations:

IG: Investment Grade

HG: High Grade

LQD: iShares iBoxx \$ Investment Grade Corporate Bond ETF

DV01: Dollar value of a basis point

CDX IG: The Markit CDX North America Investment Grade Index

CDX HY: Markit CDX North America High Yield Index

ECB: European Central Bank

QE: Quantitative Easing

CSPP: corporate sector purchase programme

CPI: Consumer Price Index

FOMC: The Federal Open Market Committee



Disclosures

Important Disclosures

BofA Global Research Credit Opinion Key

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

Issuer Recommendations: If an issuer credit recommendation is provided, it is applicable to bonds and capital securities of the issuer except bonds and capital securities specifically referenced in the report with a different credit recommendation. Where there is no issuer credit recommendation, only individual bonds and capital securities with specific recommendations are covered. Loans, CDS and equity preferreds are rated separately and issuer recommendations do not apply to them.

BofA Global Research credit recommendations are assigned using a three-month time horizon:

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

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

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

BofA Global Research uses the following rating system with respect to **Credit Default Swaps (CDS)**:

Buy Protection: Buy CDS, therefore going short credit risk.

Neutral: No purchase or sale of CDS is recommended.

Sell Protection: Sell CDS, therefore going long credit risk.

Due to the nature of strategic analysis, the issuers or securities recommended or discussed in this report are not continuously followed. Accordingly, investors must regard this report as providing stand-alone analysis and should not expect continuing analysis or additional reports relating to such issuers and/or securities.

BofA Global Research personnel (including the analyst(s) responsible for this report) receive compensation based upon, among other factors, the overall profitability of Bank of America Corporation, including profits derived from investment banking. The analyst(s) responsible for this report may also receive compensation based upon, among other factors, the overall profitability of the Bank's sales and trading businesses relating to the class of securities or financial instruments for which such analyst is responsible.

BofA Securities fixed income analysts regularly interact with sales and trading desk personnel in connection with their research, including to ascertain pricing and liquidity in the fixed income markets.

Other Important Disclosures

Prices are indicative and for information purposes only. Except as otherwise stated in the report, for any recommendation in relation to an equity security, the price referenced is the publicly traded price of the security as of close of business on the day prior to the date of the report or, if the report is published during intraday trading, the price referenced is indicative of the traded price as of the date and time of the report and in relation to a debt security (including equity preferred and CDS), prices are indicative as of the date and time of the report and are from various sources including BofA Securities trading desks.

The date and time of completion of the production of any recommendation in this report shall be the date and time of dissemination of this report as recorded in the report timestamp.

This report may refer to fixed income securities or other financial instruments that may not be offered or sold in one or more states or jurisdictions, or to certain categories of investors, including retail investors. Readers of this report are advised that any discussion, recommendation or other mention of such instruments is not a solicitation or offer to transact in such instruments. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor for information relating to such instruments.

Rule 144A securities may be offered or sold only to persons in the U.S. who are Qualified Institutional Buyers within the meaning of Rule 144A under the Securities Act of 1933, as amended. SECURITIES OR OTHER FINANCIAL INSTRUMENTS DISCUSSED HEREIN MAY BE RATED BELOW INVESTMENT GRADE AND SHOULD THEREFORE ONLY BE CONSIDERED FOR INCLUSION IN ACCOUNTS QUALIFIED FOR SPECULATIVE INVESTMENT.

Recipients who are not institutional investors or market professionals should seek the advice of their independent financial advisor before considering information in this report in connection with any investment decision, or for a necessary explanation of its contents.

The securities or other financial instruments discussed in this report may be traded over-the-counter. Retail sales and/or distribution of this report may be made only in states where these instruments are exempt from registration or have been qualified for sale.

Officers of BofAS or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments.

This report, and the securities or other financial instruments discussed herein, may not be eligible for distribution or sale in all countries or to certain categories of investors, including retail investors.

Information relating to Affiliates of BofAS, MLPF&S and Distribution of Affiliate Research Reports:

Refer to [BofA Global Research policies relating to conflicts of interest](#).

"BofA Securities" includes BofA Securities, Inc. ("BofAS") and its affiliates. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor if they have questions concerning this report or concerning the appropriateness of any investment idea described herein for such investor. "BofA Securities" is a global brand for BofA Global Research.

BofAS and/or Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") may in the future distribute, information of the following non-US affiliates in the US (short name: legal name, regulator): Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd., regulated by the Financial Sector Conduct Authority; MLI (UK): Merrill Lynch International, regulated by the Financial Conduct Authority (FCA) and the Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers (AMF). BofA Securities Europe SA ("BofASE") with registered address at 51, rue La Boétie, 75008 Paris is registered under no 842 602 690 RCS Paris. In accordance with the provisions of French Code Monétaire et Financier (Monetary and Financial Code), BofASE is an établissement de crédit et d'investissement (credit and investment institution) that is authorised and supervised by the European Central Bank and the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers. BofASE's share capital can be found at www.bofam.com/BofASEDisclaimer; BofA Europe (Milan): Bank of America Europe Designated Activity Company, Milan Branch, regulated by the Bank of Italy, the European Central Bank (ECB) and the Central Bank of Ireland (CBI); BofA Europe (Frankfurt): Bank of America Europe Designated Activity Company, Frankfurt Branch regulated by BaFin, the ECB and the CBI; BofA Europe (Madrid): Bank of America Europe Designated Activity Company, Sucursal en España, regulated by the Bank of Spain, the ECB and the CBI; Merrill Lynch (Australia): Merrill Lynch Equities (Australia) Limited, regulated by the Australian Securities and Investments Commission; Merrill Lynch (Hong Kong): Merrill Lynch (Asia Pacific) Limited, regulated by the Hong Kong Securities and Futures Commission (HKSF); Merrill Lynch (Singapore): Merrill Lynch (Singapore) Pte Ltd, regulated by the Monetary Authority of Singapore (MAS); Merrill Lynch (Canada): Merrill Lynch Canada Inc, regulated by the Canadian Investment Regulatory Organization; Merrill Lynch (Mexico): Merrill Lynch Mexico, SA de CV, Casa de Bolsa, regulated by the Comisión Nacional Bancaria y de Valores; BofAS Japan: BofA Securities Japan Co., Ltd., regulated by the Financial Services Agency; Merrill Lynch (Seoul): Merrill Lynch International, LLC Seoul Branch, regulated by the Financial Supervisory Service; Merrill Lynch (Taiwan): Merrill Lynch Securities (Taiwan) Ltd., regulated by the Securities and Futures Bureau; BofAS India: BofA Securities India Limited, regulated by the Securities and Exchange Board of India (SEBI); Merrill Lynch (Israel): Merrill Lynch Israel Limited, regulated by Israel Securities Authority; Merrill Lynch (DIFC): Merrill Lynch International (DIFC Branch), regulated by the Dubai Financial Services Authority (DFSA); Merrill Lynch (Brazil): Merrill Lynch S.A. Corretora de Títulos e Valores Mobiliários, regulated by Comissão de Valores Mobiliários; Merrill Lynch KSA Company: Merrill Lynch Kingdom of Saudi Arabia Company, regulated by the Capital Market Authority.



This information has been approved for publication and is distributed in the United Kingdom (UK) to professional clients and eligible counterparties (as each is defined in the rules of the FCA and the PRA) by MLI (UK), which is authorized by the PRA and regulated by the FCA and the PRA - details about the extent of our regulation by the FCA and PRA are available from us on request; has been approved for publication and is distributed in the European Economic Area (EEA) by BofASE (France), which is authorized by the ACPR and regulated by the ACPR and the AMF; has been considered and distributed in Japan by BofAS Japan, a registered securities dealer under the Financial Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Hong Kong by Merrill Lynch (Hong Kong) which is regulated by HKSCFC; is issued and distributed in Taiwan by Merrill Lynch (Taiwan); is issued and distributed in India by BofAS India; and is issued and distributed in Singapore to institutional investors and/or accredited investors (each as defined under the Financial Advisers Regulations) by Merrill Lynch (Singapore) (Company Registration No 198602883D). Merrill Lynch (Singapore) is regulated by MAS. Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 (MLEA) distributes this information in Australia only to 'Wholesale' clients as defined by s.761G of the Corporations Act 2001. With the exception of Bank of America N.A., Australia Branch, neither MLEA nor any of its affiliates involved in preparing this information is an Authorised Deposit-Taking Institution under the Banking Act 1959 nor regulated by the Australian Prudential Regulation Authority. No approval is required for publication or distribution of this information in Brazil and its local distribution is by Merrill Lynch (Brazil) in accordance with applicable regulations. Merrill Lynch (DIFC) is authorized and regulated by the DFSA. Information prepared and issued by Merrill Lynch (DIFC) is done so in accordance with the requirements of the DFSA conduct of business rules. BofA Europe (Frankfurt) distributes this information in Germany and is regulated by BaFin, the ECB and the CBI. BofA Securities entities, including BofA Europe and BofASE (France), may outsource/delegate the marketing and/or provision of certain research services or aspects of research services to other branches or members of the BofA Securities group. You may be contacted by a different BofA Securities entity acting for and on behalf of your service provider where permitted by applicable law. This does not change your service provider. Please refer to the [Electronic Communications Disclaimers](#) for further information.

This information has been prepared and issued by BofAS and/or one or more of its non-US affiliates. The author(s) of this information may not be licensed to carry on regulated activities in your jurisdiction and, if not licensed, do not hold themselves out as being able to do so. BofAS and/or MLPF&S is the distributor of this information in the US and accepts full responsibility for information distributed to BofAS and/or MLPF&S clients in the US by its non-US affiliates. Any US person receiving this information and wishing to effect any transaction in any security discussed herein should do so through BofAS and/or MLPF&S and not such foreign affiliates. Hong Kong recipients of this information should contact Merrill Lynch (Asia Pacific) Limited in respect of any matters relating to dealing in securities or provision of specific advice on securities or any other matters arising from, or in connection with, this information. Singapore recipients of this information should contact Merrill Lynch (Singapore) Pte Ltd in respect of any matters arising from, or in connection with, this information. For clients that are not accredited investors, expert investors or institutional investors Merrill Lynch (Singapore) Pte Ltd accepts full responsibility for the contents of this information distributed to such clients in Singapore.

General Investment Related Disclosures:

Taiwan Readers: Neither the information nor any opinion expressed herein constitutes an offer or a solicitation of an offer to transact in any securities or other financial instrument. No part of this report may be used or reproduced or quoted in any manner whatsoever in Taiwan by the press or any other person without the express written consent of BofA Securities.

This document provides general information only, and has been prepared for, and is intended for general distribution to, BofA Securities clients. Neither the information nor any opinion expressed constitutes an offer or an invitation to make an offer, to buy or sell any securities or other financial instrument or any derivative related to such securities or instruments (e.g., options, futures, warrants, and contracts for differences). This document is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of, and is not directed to, any specific person(s). This document and its content do not constitute, and should not be considered to constitute, investment advice for purposes of ERISA, the US tax code, the Investment Advisers Act or otherwise. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this document and should understand that statements regarding future prospects may not be realized. Any decision to purchase or subscribe for securities in any offering must be based solely on existing public information on such security or the information in the prospectus or other offering document issued in connection with such offering, and not on this document.

Securities and other financial instruments referred to herein, or recommended, offered or sold by BofA Securities, are not insured by the Federal Deposit Insurance Corporation and are not deposits or other obligations of any insured depository institution (including, Bank of America, N.A.). Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counterparty default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. Digital assets are extremely speculative, volatile and are largely unregulated. In some cases, securities and other financial instruments may be difficult to value or sell and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that price or value of such securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance. Levels and basis for taxation may change.

BofA Securities is aware that the implementation of the ideas expressed in this report may depend upon an investor's ability to "short" securities or other financial instruments and that such action may be limited by regulations prohibiting or restricting "shortselling" in many jurisdictions. Investors are urged to seek advice regarding the applicability of such regulations prior to executing any short idea contained in this report.

This report may contain a trading idea or recommendation which highlights a specific identified near-term catalyst or event impacting a security, issuer, industry sector or the market generally that presents a transaction opportunity, but does not have any impact on the analyst's particular "Overweight" or "Underweight" rating (which is based on a three month trade horizon). Trading ideas and recommendations may differ directionally from the analyst's rating on a security or issuer because they reflect the impact of a near-term catalyst or event.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned in this report. Investors in such securities and instruments effectively assume currency risk.

BofAS or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. BofAS or one of its affiliates may, at any time, hold a trading position (long or short) in the securities and financial instruments discussed in this report.

BofA Securities, through business units other than BofA Global Research, may have issued and may in the future issue trading ideas or recommendations that are inconsistent with, and reach different conclusions from, the information presented herein. Such ideas or recommendations may reflect different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Securities is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this information.

In the event that the recipient received this information pursuant to a contract between the recipient and BofAS for the provision of research services for a separate fee, and in connection therewith BofAS may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom BofAS has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by BofAS). If such recipient uses the services of BofAS in connection with the sale or purchase of a security referred to herein, BofAS may act as principal for its own account or as agent for another person. BofAS is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities referred to herein.

Copyright and General Information:

Copyright 2025 Bank of America Corporation. All rights reserved. iQdatabase® is a registered service mark of Bank of America Corporation. This information is prepared for the use of BofA Securities clients and may not be redistributed, retransmitted or disclosed, in whole or in part, or in any form or manner, without the express written consent of BofA Securities. This document and its content is provided solely for informational purposes and cannot be used for training or developing artificial intelligence (AI) models or as an input in any AI application (collectively, an AI tool). Any attempt to utilize this document or any of its content in connection with an AI tool without explicit written permission from BofA Global Research is strictly prohibited. BofA Global Research information is distributed simultaneously to internal and client websites and other portals by BofA Securities and is not publicly-available material. Any unauthorized use or disclosure is prohibited. Receipt and review of this information constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained herein (including any investment recommendations, estimates or price targets) without first obtaining express permission from an authorized officer of BofA Securities.

Materials prepared by BofA Global Research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of BofA Securities, including investment banking personnel. BofA Securities has established information barriers between BofA Global Research and certain business groups. As a result, BofA Securities does not disclose certain client relationships with, or compensation received from, such issuers. To the extent this material discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this material. BofA Global Research personnel's knowledge of legal proceedings in which any BofA Securities entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving issuers mentioned in this material is based on public information. Facts and views presented in this material that relate to any such proceedings have not been reviewed by, discussed with, and may not reflect information known to, professionals in other business areas of BofA Securities in connection with the legal proceedings or matters relevant to such proceedings.

This information has been prepared independently of any issuer of securities mentioned herein and not in connection with any proposed offering of securities or as agent of any issuer of any securities. None of BofAS any of its affiliates or their research analysts has any authority whatsoever to make any representation or warranty on behalf of the issuer(s). BofA Global Research



policy prohibits research personnel from disclosing a recommendation, investment rating, or investment thesis for review by an issuer prior to the publication of a research report containing such rating, recommendation or investment thesis.

Any information relating to sustainability in this material is limited as discussed herein and is not intended to provide a comprehensive view on any sustainability claim with respect to any issuer or security.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

The information herein (other than disclosure information relating to BofA Securities and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This information may contain links to third-party websites. BofA Securities is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this information and is not incorporated by reference. The inclusion of a link does not imply any endorsement by or any affiliation with BofA Securities. Access to any third-party website is at your own risk, and you should always review the terms and privacy policies at third-party websites before submitting any personal information to them. BofA Securities is not responsible for such terms and privacy policies and expressly disclaims any liability for them.

All opinions, projections and estimates constitute the judgment of the author as of the date of publication and are subject to change without notice. Prices also are subject to change without notice. BofA Securities is under no obligation to update this information and BofA Securities ability to publish information on the subject issuer(s) in the future is subject to applicable quiet periods. You should therefore assume that BofA Securities will not update any fact, circumstance or opinion contained herein.

Certain outstanding reports or investment opinions relating to securities, financial instruments and/or issuers may no longer be current. Always refer to the most recent research report relating to an issuer prior to making an investment decision.

In some cases, an issuer may be classified as Restricted or may be Under Review or Extended Review. In each case, investors should consider any investment opinion relating to such issuer (or its security and/or financial instruments) to be suspended or withdrawn and should not rely on the analyses and investment opinion(s) pertaining to such issuer (or its securities and/or financial instruments) nor should the analyses or opinion(s) be considered a solicitation of any kind. Sales persons and financial advisors affiliated with BofAS or any of its affiliates may not solicit purchases of securities or financial instruments that are Restricted or Under Review and may only solicit securities under Extended Review in accordance with firm policies.

Neither BofA Securities nor any officer or employee of BofA Securities accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this information.

