

Situation Room

Bond inflows remain strong

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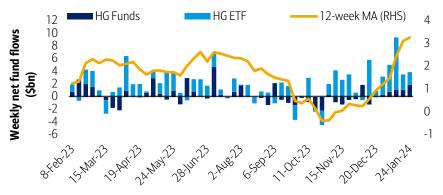
Flows to US HG bond funds and ETFs remained strong this past week ending on January 24^{th} with a \$3.86bn inflow, up from +\$3.49bn in the prior week. Contrary to previous weeks, this inflow was balanced between HG ETFs (to +\$2.02bn from +\$2.43bn the prior week) and HG funds (to +\$1.83bn from +\$1.06bn). Short-term HG reported a small inflow (to +\$0.10bn from -\$0.28bn), while inflows remained steady ex. short-term (to +\$3.75bn from +\$3.77bn).

Inflows to stocks

Flows turned positive for equities this past week (to +\$4.85bn from -\$6.81bn), while inflows remained steady for HY (to +\$0.62bn from +\$0.62bn). Inflows to loans moderated this week (to +\$0.06bn from +\$0.17bn) and so did inflows to munis (to +\$0.44bn from +\$1.13bn). Outflows to global EM bonds accelerated modestly (to -\$0.89bn from -\$0.85bn). Finally, money markets reported a +\$10.47bn inflow this past week, following a -\$3.72bn inflow a week earlier.

Exhibit 1: Weekly high grade fund flows, \$bn

HG ETF +\$2.02bn, HG Funds +\$1.83



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

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Credit Strategy United States Cross Product

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In this report

Daily credit snapshot

Daily dealer inventories update

Daily foreign demand tracker

Weekly data and charts

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Refer to important disclosures on page 22 to 24.

Exhibit 2: Weekly equity fund flows, \$bn

Equities +\$4.85bn



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

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Exhibit 3: Fund flows summary

YTD fund flows summary by asset class

| Asset class | Last week (% of AUM for weekly reporting funds/ETFs) | YTD (% of AUM for all funds/ETFs) | YTD (\$bn) |
|---------------------------|--|---|------------|
| High grade: total | 0.18% | 0.6% | 21.7 |
| High grade: ex short-term | 0.24% | 0.7% | 21.5 |
| High yield: total | 0.24% | 0.5% | 1.6 |
| High yield: ETFs only | 0.01% | 0.9% | 0.7 |
| Loans | 0.07% | 0.4% | 0.4 |
| EM | -0.19% | -0.3% | -2.2 |
| Munis | 0.08% | 0.1% | 0.9 |
| All fixed income | 0.23% | 0.5% | 30.9 |
| Money markets | 0.16% | 1.3% | 84.4 |
| Equities | 0.05% | 0.0% | -7.0 |

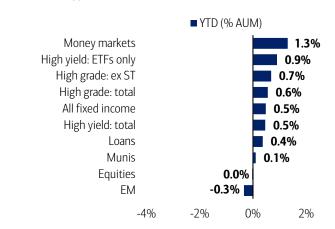
Note: Last week flow as % of AUM is based on AUM for weekly reporting funds / ETFs only. YTD flow as % of AUM is based on AUM for the full fund/ ETF universe as of December 31 2020. Global EM funds, US-domiciled funds only for other fund types.

Source: EPFR Global, BofA Global Research

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Exhibit 4: Year to date fund flows, % of AUM

EM has had the biggest outflows so far in 2023.



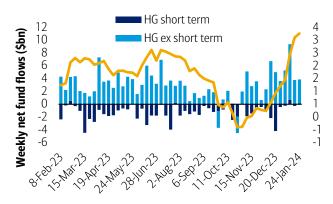
Note: Global EM funds, US-domiciled funds only for other fund types.

 $\textbf{Source:} \ \mathsf{EPFR} \ \mathsf{Global}, \ \mathsf{BofA} \ \mathsf{Global} \ \mathsf{Research}$



Exhibit 5: Weekly high grade fund flows, \$bn

HG short-term +\$0.10bn, HG ex short-term +\$3.75

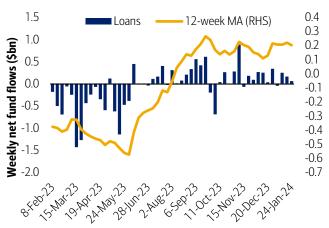


EPFR Global. Note: data are for US-domiciled funds only

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Exhibit 7: Weekly loan fund flows, \$bn

Leveraged loans +\$0.06bn

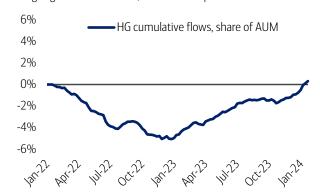


EPFR Global. Note: data are for US-domiciled funds only.

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Exhibit 9: Cumulative % flows in HG over the last 2 years

Following large outflows in 2022, HG flows turn positive in 2023

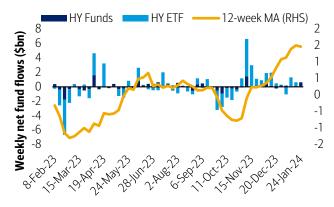


Source: EPFR Global, BofA Global Research

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Exhibit 6: Weekly high yield fund flows, \$bn

HY ETFs +\$0.01bn, HY funds +\$0.61

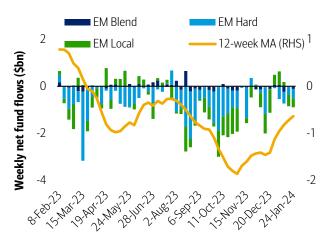


EPFR Global. Note: data are for US-domiciled funds only.

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Exhibit 8: Weekly EM fund flows, \$bn

Global EM bonds -\$0.89bn

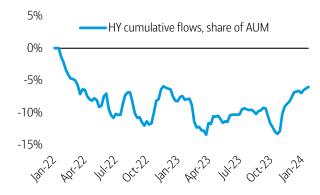


EPFR Global. Note: data are for US-domiciled funds only.

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Exhibit 10: Cumulative % flows in HY over the last 2 years

2022 and 2023 have seen consequent outflows in HY

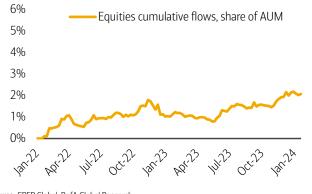


Source: EPFR Global, BofA Global Research



Exhibit 11: Cumulative % flows in equities over the last 2 years

Flows moderate in equities after two years of inflows

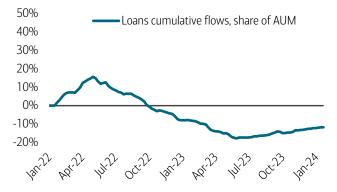


Source: EPFR Global, BofA Global Research

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Exhibit 12: Cumulative % flows in loans over the last 2 years

After large inflows until mid-2021, loans subject to large outflows ever since



New

Source: EPFR Global, BofA Global Research

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Appendix: defining high grade

We define our high grade flows metric as a combination of "bond" and "corporate bond" fixed income funds and ETFs domiciled in the US (and investing in any currency, although the majority is invested in USD). We also exclude funds primarily focused on Government, HY, EM and MBS from the sample. The "bond" category refers to the broad high grade market, which includes Treasuries, mortgages and agencies in addition to corporate bonds. This category accounts for the majority of AUM and flows. On the other hand the dedicated corporate bond funds and ETFs are much smaller in terms of assets under management. We also include the "total return" bond category in our tracking of high grade flows. Finally note that "short-term" maturity refers to duration of 0 to 4 years.

Daily credit snapshot

US IG issuance totaled \$4.7bn across 5 deals today, \$20.3bn WTD and \$171.2bn MTD. The average new issue concession was -4bps today, while the average break performance was 15bps tighter today. This week's new issues are trading 7bps tighter on average from pricing.

S&P 500 closed +0.53%, 10-year Treasury yields -5bps, CDX IG -1.1bps, CDX HY +\$0.29pts, and cash bond spreads quoted from -1-4bps today, LQD closed 2.81bps tighter today.

Exhibit 13: Recent new issue pricing and new issue concessions

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

| Data Tiel | No | T | Size | Moody's/S&P | Coupon | Px Spread | Issue Conc. | * Break | Current spread |
|-----------------|---|--------|--------|-------------|--------|--------------|----------------|-------------|-------------------|
| Date Tick | | Tenor | (\$mm) | Rating | (%) | (bps) | (bps) | performance | (bps) |
| 2024-01-22 BRKH | IEC MidAmerican Energy Co | 31 | 600 | Aa2/A | 5.3 | 98 | -1 | -3 | 97 |
| 2024-01-22 CCI | J Federation des Caisses Desjardins du Quebec | 5 | 1,000 | A1/A- | 5.25 | 125 | n.a. | -6 | 120 |
| 2024-01-22 FIT | Fifth Third Bancorp | 8NC7 | 1,000 | Baa1/BBB+ | 5.631 | 155 | -10 | n.a. | 149 |
| 2024-01-22 NYLI | FE New York Life Global Funding | 5 | 600 | Aaa/AA+ | 4.7 | 72 | 1 | -1 | 72 |
| 2024-01-22 TF | Truist Financial Corp | 6NC5 | 1,500 | A3/A- | 5.435 | 142 | n.a. | -5 | 136 |
| 2024-01-22 TF | Truist Financial Corp | 11NC10 | 2,000 | A3/A- | 5.711 | 162 | n.a. | -3 | 156 |
| 2024-01-23 AM | H American Homes 4 Rent LP | 10 | 600 | Baa2/BBB | 5.5 | 137 | n.a. | n.a. | 134 |
| 2024-01-23 BZLI | NZ Bank of New Zealand | 5 | 750 | A1/AA- | 5.076 | 103 | n.a. | n.a. | 97 |
| 2024-01-23 CDE | L Corp Nacional del Cobre de Chile | 30 | 500 | Baa1/BBB+ | 6.3 | 235 | n.a. | n.a. | 661 |
| 2024-01-23 HLEN | DS HPS Corporate Lending Fund | 5 | 550 | Baa3/BBB- | 6.75 | 295 | n.a. | -23 | 268 |



Exhibit 13: 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 (\$mm) | Moody's/S&P Rating | Coupon (%) | Px Spread (bps) | Issue Conc. (bps) | * Break performance | Current spread (bps) |
|------------|--------|---|----------|----------------|-----------------------|---------------|-----------------------|-------------------------|------------------------|----------------------------|
| 2024-01-24 | KORELE | Korea Electric Power Corp | 3 | 1,200 | Aa2/AA | 4.875 | 80 | n.a. | n.a. | n.a. |
| 2024-01-24 | NRUC | National Rural Utilities Cooperative Finance Corp | 3 | 300 | A2/A- | FRN | SOFR+80 | n.a. | n.a. | n.a. |
| 2024-01-24 | NRUC | National Rural Utilities Cooperative Finance Corp | 3 | 600 | A2/A- | 4.8 | 63 | n.a. | n.a. | 63 |
| 2024-01-24 | NRUC | National Rural Utilities Cooperative Finance Corp | 5 | 500 | A2/A- | 4.85 | 77 | n.a. | n.a. | 78 |
| 2024-01-24 | NRUC | National Rural Utilities Cooperative Finance Corp | 7 | 450 | A2/A- | 5 | 90 | n.a. | n.a. | n.a. |
| 2024-01-24 | PCAR | PACCAR Financial Corp | 5 | 600 | A1/A+ | 4.6 | 55 | n.a. | n.a. | n.a. |
| 2024-01-24 | PG | Procter & Gamble Co/The | 5 | 600 | Aa3/AA- | 4.35 | 27 | 10 | n.a. | n.a. |
| 2024-01-24 | PG | Procter & Gamble Co/The | 10 | 750 | Aa3/AA- | 4.55 | 37 | 10 | n.a. | n.a. |
| 2024-01-24 | STT | State Street Corp | PERP NC5 | 1,500 | Baa1/BBB | 6.7 | 261 | n.a. | n.a. | n.a. |
| 2024-01-25 | AHTLN | Ashtead Capital Inc | 10 | 850 | Baa3/BBB- | 5.8 | 172 | -4 | n.a. | n.a. |
| 2024-01-25 | CMA | Comerica Inc | 6 | 1,000 | Baa1/BBB | 5.982 | 195 | n.a. | n.a. | n.a. |
| 2024-01-25 | LMT | Lockheed Martin Corp | 5 | 650 | A2/A- | 4.5 | 53 | n.a. | n.a. | n.a. |
| 2024-01-25 | LMT | Lockheed Martin Corp | 11 | 600 | A2/A- | 4.8 | 68 | n.a. | n.a. | n.a. |
| 2024-01-25 | LMT | Lockheed Martin Corp | 40 | 750 | A2/A- | 5.2 | 83 | n.a. | n.a. | n.a. |
| 2024-01-25 | NMFC | New Mountain Finance Corp | 5 | 300 | Baa3/BBB- | 6.875 | 310 | n.a. | -15 | 295 |
| 2024-01-25 | TE | Tampa Electric Co | 5 | 500 | A3/BBB+ | 4.9 | 88 | n.a. | n.a. | n.a. |

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.

Source: BofA Global Research, Bloomberg

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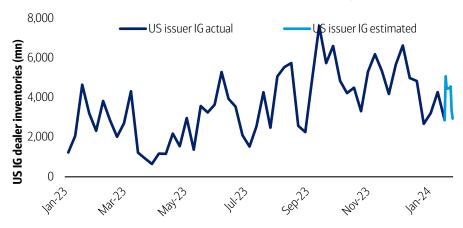
New

Daily dealer inventories update

Below we estimate dealer inventories for the IG corporate bonds based on TRACE data. The actual inventories of US issuer bonds based on NY Fed survey, as well as the estimated change since the latest Fed report are plotted in Exhibit 14. We estimate the corresponding DV01 equivalent in Exhibit 15. More details by sector and maturity are available in Exhibit 16 and Exhibit 17. Finally, note that the data for the current date is through about 4:40 p.m. Eastern Standard Time.

Exhibit 14: Estimated dealer inventories of IG corporate bonds.

We estimate IG dealer inventories of US issuer bonds increased to \$2.9bn currently from \$2.9bn on Jan-17.



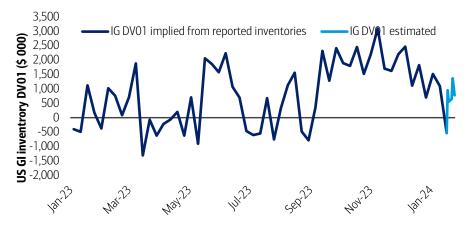
Note: data for US issuer bonds only, maturities 13M or longer. Actual dealer inventory data is from Primary Dealer Statistics survey by the NY Fed. The subsequent change in inventory is estimated based on TRACE.

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



Exhibit 15: Estimated dealer inventory DV01 for IG corporate bonds.

We estimate IG dealer inventory DV01 of US issuer bonds increased to \$0.8mn currently from -\$0.5bn on Jan-17



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.

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

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Exhibit 16: Estimated changes in IG dealer inventories by maturity and broad sector.

We estimate IG dealer inventories declined -\$614mn today and declined -\$3,023mn over the prior week.

| | Net dealer buy (\$mn) | | | | Net dealer DV01 change (\$thousand) | | | | | Trading volumes on 25-Jan-24 (\$mn) | | | | |
|-------------------|-----------------------|--------|--------|--------|-------------------------------------|--------|--------|--------|-------|-------------------------------------|--------|--------|--------|--------|
| Sector | 25-Jan | 24-Jan | 1 W | 2 W | 4 W | 25-Jan | 24-Jan | 1 W | 2 W | 4 W | Buy | Sell | Dealer | Total |
| High grade (13M+) | -614 | -1,840 | -3,023 | 554 | 12,343 | -415 | -562 | -340 | 2,046 | 8,163 | 14,290 | 14,904 | 9,902 | 39,096 |
| <3yr | -187 | 154 | -1,211 | -1,457 | -1,147 | -40 | 29 | -213 | -230 | -193 | 1,746 | 1,933 | 1,442 | 5,121 |
| 3-5yr | -381 | -1,430 | -1,782 | -1,325 | 1,671 | -134 | -538 | -633 | -478 | 632 | 2,223 | 2,604 | 1,776 | 6,604 |
| 5-11yr | 151 | -1,305 | -1,657 | 1,533 | 10,919 | 105 | -867 | -1,143 | 836 | 6,881 | 5,658 | 5,507 | 3,668 | 14,834 |
| 11+yr | -196 | 741 | 1,627 | 1,804 | 900 | -346 | 815 | 1,649 | 1,918 | 843 | 4,663 | 4,859 | 3,016 | 12,538 |
| Fin | -185 | -1,600 | -2,975 | -2,026 | 2,729 | 190 | -570 | -581 | 145 | 2,177 | 6,033 | 6,218 | 3,544 | 15,794 |
| Non-Fin | -428 | -240 | -47 | 2,580 | 9,615 | -605 | 9 | 241 | 1,901 | 5,986 | 8,258 | 8,686 | 6,358 | 23,302 |
| Fixed | -597 | -1,779 | -2,832 | 666 | 12,913 | -416 | -547 | -321 | 1,970 | 8,198 | 14,147 | 14,744 | 9,808 | 38,700 |
| Floating | -17 | -61 | -190 | -112 | -570 | 1 | -14 | -19 | 76 | -35 | 143 | 160 | 94 | 397 |
| US issuers | -415 | -1,209 | -2,127 | 1,242 | 9,437 | -323 | -268 | -166 | 1,840 | 5,944 | 11,022 | 11,437 | 8,151 | 30,610 |
| DM Yankees | -165 | -669 | -992 | -858 | 2,703 | -82 | -316 | -239 | 67 | 2,056 | 2,859 | 3,024 | 1,532 | 7,415 |
| EM Yankees | -34 | 38 | 96 | 171 | 203 | -10 | 23 | 64 | 139 | 162 | 409 | 443 | 219 | 1.072 |

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

Source: BofA Global Research, FINRA, TRACE.

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Exhibit 17: Estimated changes in IG dealer inventories by sector.

We estimate today IG dealer inventories increased \$43mn for Banks/Brokers and declined -\$293mn for Energy.

| | | Net dea | ler buy | (\$mn) | | Net dealer DV01 change (\$thousand) | | | | | Net dealer DV01 change (\$thousand) Trading volumes on 25-Jan-24 (\$mn) | | | | | |
|-----------------------|--------|---------|---------|--------|-------|-------------------------------------|--------|------|------|------|---|-------|--------|--------|--|--|
| Sector | 25-Jan | 24-Jan | 1 W | 2 W | 4 W | 25-Jan | 24-Jan | 1 W | 2 W | 4 W | Buy | Sell | Dealer | Total | | |
| Aerospace/Defense | 47 | 132 | 166 | 143 | -94 | -3 | 127 | 117 | -3 | -227 | 355 | 308 | 157 | 820 | | |
| Automobiles | 50 | -13 | -46 | 50 | 634 | -1 | -21 | 21 | 130 | 376 | 519 | 470 | 393 | 1,381 | | |
| Banks/Brokers | 43 | -1,431 | -2,809 | -2,470 | 245 | 231 | -570 | -656 | 39 | 963 | 4,618 | 4,575 | 2,427 | 11,619 | | |
| Basic Materials | 141 | 123 | 417 | 783 | 1,273 | 92 | 114 | 333 | 605 | 917 | 669 | 527 | 403 | 1,599 | | |
| Commercial Services | -16 | -23 | -19 | -12 | -12 | -20 | -35 | -20 | -18 | -24 | 142 | 158 | 49 | 348 | | |
| Energy | -293 | -54 | -210 | -343 | 47 | -211 | 3 | 33 | -111 | -56 | 704 | 998 | 733 | 2,435 | | |
| Finance | -209 | -265 | -425 | -78 | 918 | -37 | -20 | -37 | 0 | 515 | 708 | 917 | 641 | 2,266 | | |
| Food, Bev, & Bottling | -10 | -28 | -166 | -104 | 368 | -74 | 2 | -89 | 21 | 348 | 468 | 478 | 308 | 1,254 | | |
| Health Care | -165 | 128 | 233 | 670 | 1,294 | -227 | 70 | 20 | 233 | 568 | 1,572 | 1,737 | 1,293 | 4,602 | | |
| Industrial Products | 84 | -11 | -70 | 62 | 565 | 28 | -30 | -13 | 98 | 406 | 312 | 228 | 253 | 793 | | |
| Insurance | 6 | -35 | -2 | -135 | 84 | 28 | -18 | 53 | -139 | 7 | 385 | 379 | 244 | 1,008 | | |
| Media & Entertainment | 58 | 25 | 223 | 674 | 736 | 82 | 51 | 234 | 596 | 620 | 676 | 617 | 455 | 1,748 | | |



Exhibit 17: Estimated changes in IG dealer inventories by sector.

We estimate today IG dealer inventories increased \$43mn for Banks/Brokers and declined -\$293mn for Energy.

| | | Net dea | ler buy | (\$mn) | | Net de | aler DV01 | change (| \$thousa | ınd) | Trading volumes on 25-Jan-24 (\$mn) | | | |
|----------------|------|---------|---------|--------|-------|--------|-----------|----------|----------|------|-------------------------------------|-------|-----|-------|
| REITs | -25 | 132 | 260 | 656 | 1,482 | -32 | 38 | 58 | 245 | 692 | 323 | 348 | 231 | 902 |
| Retail | -31 | 2 | 125 | 267 | 715 | 24 | 30 | 121 | 281 | 629 | 448 | 479 | 377 | 1,304 |
| Technology | -13 | -22 | 65 | 709 | 1,303 | 30 | -38 | 81 | 477 | 679 | 655 | 669 | 647 | 1,971 |
| Telecom | -8 | -182 | -232 | -126 | 920 | 15 | -33 | -66 | -28 | 629 | 507 | 515 | 372 | 1,394 |
| Tobacco | 2 | -84 | -78 | -36 | 195 | -2 | -36 | -24 | 8 | 156 | 94 | 91 | 81 | 266 |
| Transportation | -4 | 9 | -77 | 80 | 107 | -26 | 26 | -113 | 41 | 55 | 178 | 182 | 94 | 454 |
| Utilities | -257 | -301 | -403 | -400 | 1,172 | -286 | -248 | -375 | -516 | 721 | 820 | 1,077 | 641 | 2,538 |
| Other | -13 | 60 | 25 | 163 | 392 | -26 | 24 | -18 | 86 | 190 | 140 | 153 | 100 | 393 |

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

Source: BofA Global Research, FINRA, TRACE.

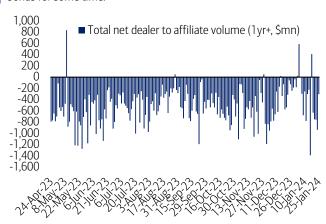
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Daily foreign demand tracker

We believe net dealer-to-affiliate volumes from Trace are correlated with foreign buying of US HG corporate bonds - i.e., negative numbers mean foreign investor buying (US dealers taking down inventory in favor of foreign affiliates). For supporting material see our "primer" on tracking foreign inflows. Exhibit 18 shows the overall daily dealer-to-affiliate volumes while Exhibit 19, Exhibit 20 and Exhibit 21 show subsets of this data. In particular Exhibit 19 shows net dealer-to-affiliate volumes for longer maturity (12+ years) bonds, Exhibit 20 displays volumes reported to Trace before 8am NY time (biased toward Asian buying) and Exhibit 21 shows the subset of net trades reported between 8am and noon (biased toward European buying).

Exhibit 18: Net dealer buying from affiliate (1yr+)

Exhibit shows inconsistent overall foreign buying of US IG corporate bonds for some time.



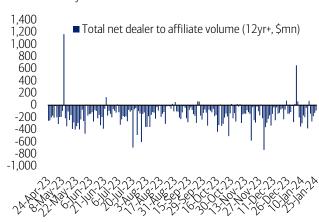
Note: Net dealer-to-affiliate volumes are correlated with foreign buying/selling. Negative numbers indicate foreign buying.

Source: Bloomberg, TRACE

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Exhibit 19: Net dealer buying from affiliate (12yr+)

Foreign buying of longer maturity US IG corporate bonds has been consistent this year



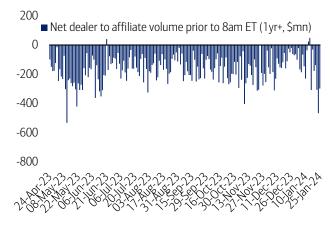
Note: Net dealer-to-affiliate volumes are correlated with foreign buying/selling. Negative numbers indicate foreign buying.

Source: Bloomberg, TRACE



Exhibit 20: Net dealer-to-affiliate trading volumes before 8am ET Foreign buying before 8am NY time is dominated by Asia and has been

consistent this year

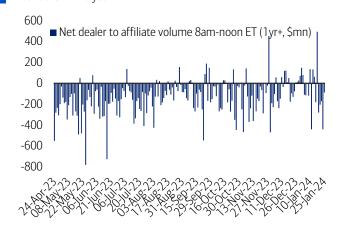


Note: Morning share of daily trading volume is correlated with secondary market activity of foreign investors due to different time zones.

Source: BofA Global Research, TRACE

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Exhibit 21: Net dealer-to-affiliate trading volumes 8am - noon ET Foreign buying 8am-noon NY time is dominated by Europe and has been inconsistent this year



Note: Morning share of daily trading volume is correlated with secondary market activity of foreign investors due to different time zones.

Source: BofA Global Research, TRACE

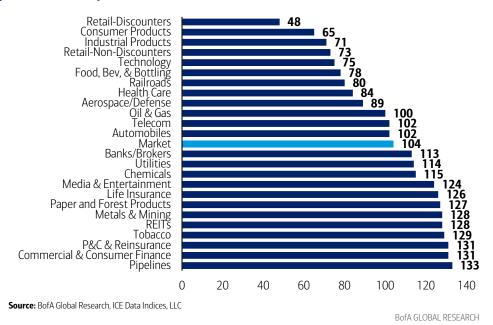
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Weekly data and charts

High Grade Spreads by Sector

Exhibit 22: High grade spreads by sector (bps)

Sector spreads for BofA US IG Corporate Index COAO as of December 31, 2023. Results include subordinated and hybrid securities.



High grade sector historical performance

Exhibit 23: High Grade Sector Performance as of December 31, 2023

Sector spreads and performance for BofA HG U.S. Corporate Master COAO. Results include subordinated and hybrid securities

| | | | | | | | | Exce | Excess Return (bps) | | Spre | ad Ch | Total Return | | | |
|-------------------|--------|-----|----------|-------|-------|-------------|-------------|------|---------------------|-----|------|-------|--------------|-----|-----|-----|
| Sector | Rating | OAS | Duration | Yield | Price | Face (\$bn) | % Mkt Value | MTD | QTD | YTD | YOY | MTD | QTD | YTD | YOY | QTD |
| Aerospace/Defense | BBB2 | 89 | 7.8 | 4.97 | 95.4 | 156.0 | 1.83 | 6 | 189 | 520 | 520 | -3 | -21 | -38 | -38 | 878 |

Exhibit 23: High Grade Sector Performance as of December 31, 2023
Sector spreads and performance for BofA HG U.S. Corporate Master COAO. Results include subordinated and hybrid securities

| | | | | | | | | F.v.a.a | D- | | h\ | C | - 4 Ch | (| h\ | Total Datum |
|-------------------------------|------|-----|------|------|------|---------|--------|---------|----------------------|----------------------|--------------------|----------|--------|---------------|-------------|--------------|
| Automobiles | BBB1 | 102 | 3.9 | 5.12 | 96.9 | 241.7 | 2.89 | 58 | ess Re 149 | turn (404 | OPS) 404 | -15 | ad Ch | ange (-27 | ops) -27 | Total Return |
| Banks/Brokers | A2 | 113 | 4.6 | 5.34 | 95.3 | 1.921.6 | 22.59 | 54 | 177 | 397 | 397 | -11 | -26 | -31 | -31 | 636 |
| Basic Materials | BBB2 | 121 | 7.1 | 5.26 | 94.7 | 338.5 | 3.95 | 53 | 189 | 482 | 482 | -14 | -27 | -40 | -40 | 825 |
| Building Materials | BBB2 | 104 | 7.4 | 5.11 | 92.6 | 24.9 | 0.28 | 85 | 260 | 654 | 654 | -12 | -28 | -55 | -55 | 905 |
| Chemicals | BBB2 | 115 | 7.4 | 5.22 | 92.9 | 125.3 | 1.43 | 33 | 177 | 473 | 473 | -22 | -34 | -41 | -41 | 827 |
| Homebuilders | BBB2 | 114 | 4.7 | 5.14 | 94.6 | 15.2 | 0.18 | 87 | 214 | 592 | 592 | -16 | -25 | -54 | -54 | 694 |
| Metals & Mining | BBB1 | 128 | 7.6 | 5.31 | 96.7 | 127.0 | 1.52 | 59 | 195 | 471 | 471 | -8 | -22 | -40 | -40 | 871 |
| Paper and Forest Products | BBB2 | 127 | 5.5 | 5.34 | 95.0 | 46.1 | 0.54 | 64 | 154 | 403 | 403 | -10 | -22 | -28 | -28 | 684 |
| Commercial Services | A3 | 89 | 8.5 | 4.93 | 90.4 | 114.4 | 1.27 | 40 | 136 | 531 | 531 | -7 | -16 | -40 | -40 | 861 |
| Consumer Products | A2 | 65 | 6.6 | 4.67 | 94.7 | 78.9 | 0.92 | 25 | 101 | 357 | 357 | -4 | -13 | -31 | -31 | 703 |
| Energy | BBB1 | 115 | 7.5 | 5.23 | 94.5 | 721.4 | 8.41 | 13 | 171 | 546 | 546 | -3 | -18 | -37 | -37 | 837 |
| Oil & Gas | A3 | 100 | 7.7 | 5.07 | 93.2 | 409.0 | 4.70 | 9 | 152 | 500 | 500 | -3 | -17 | -34 | -34 | 837 |
| Pipelines | BBB2 | 133 | 7.1 | 5.43 | 96.2 | 312.4 | 3.72 | 19 | 194 | 608 | 608 | -4 | -23 | -45 | -45 | 837 |
| Finance | A3 | 114 | 5.3 | 5.24 | 93.9 | 441.3 | 5.10 | 51 | 170 | 426 | 426 | -10 | -23 | -36 | -36 | 679 |
| Commercial & Consumer Finance | BBB1 | 131 | 3.9 | 5.42 | 96.1 | 160.4 | 1.90 | 82 | 179 | 406 | 406 | -14 | -25 | -36 | -36 | 592 |
| Finance-Other Services | A3 | 103 | 6.1 | 5.13 | 92.6 | 280.9 | 3.20 | 32 | 164 | 437 | 437 | -8 | -22 | -36 | -36 | 728 |
| Food, Bev, & Bottling | A3 | 78 | 7.8 | 4.83 | 93.8 | 318.3 | 3.68 | 13 | 149 | 470 | 470 | -3 | -16 | -35 | -35 | 844 |
| Health Care | A3 | 84 | 8.5 | 4.91 | 92.5 | 837.9 | 9.54 | -8 | 130 | 421 | 421 | -1 | -13 | -27 | -27 | 866 |
| Industrial Products | A3 | 71 | 6.2 | 4.79 | 94.1 | 210.5 | 2.44 | 32 | 119 | 365 | 365 | -4 | -14 | -26 | -26 | 685 |
| Insurance | A3 | 128 | 7.2 | 5.39 | 92.9 | 367.6 | 4.21 | 45 | 163 | 453 | 453 | -4 | -17 | -27 | -27 | 801 |
| Insurance-Other | BBB1 | 121 | 8.3 | 5.23 | 92.8 | 37.0 | 0.42 | 13 | 174 | 527 | 527 | 19 | -20 | -34 | -34 | 885 |
| Life Insurance | A2 | 126 | 6.3 | 5.40 | 93.1 | 230.3 | 2.64 | 49 | 156 | 400 | 400 | -7 | -17 | -26 | -26 | 736 |
| Multi-Line Insurance | BBB1 | 146 | 9.0 | 5.59 | 95.0 | 22.7 | 0.27 | 67 | 185 | 554 | 554 | -9 | -13 | -18 | -18 | 947 |
| P&C & Reinsurance | A3 | 131 | 8.5 | 5.37 | 91.8 | 77.6 | 0.27 | 39 | 173 | 547 | 547 | -4 | -16 | -30 | -30 | 915 |
| Leisure | BBB2 | 117 | 3.8 | 5.22 | 95.7 | 29.8 | 0.35 | 66 | 165 | 501 | 501 | -14 | -28 | -76 | -76 | 580 |
| Media & Entertainment | BBB1 | 124 | 8.6 | 5.29 | 89.4 | 331.5 | 3.66 | -9 | 254 | 678 | 678 | 1 | -22 | -46 | -46 | 994 |
| Media-Cable | BBB1 | 132 | 9.4 | 5.38 | 88.4 | 157.6 | 1.72 | -28 | 225 | 622 | 622 | 1 | -19 | -36 | -36 | 1.021 |
| Media-Diversified | BBB1 | 116 | 8.0 | 5.22 | 90.4 | 173.8 | 1.94 | 9 | 280 | 728 | 728 | -1 | -26 | -56 | -56 | 970 |
| Real Estate Dev & Mgt | A3 | 143 | 5.3 | 5.36 | 92.6 | 8.4 | 0.10 | 65 | 178 | 453 | 453 | -13 | -24 | -35 | -35 | 707 |
| REITs | BBB1 | 128 | 5.5 | 5.30 | 91.1 | 284.3 | 3.19 | 101 | 206 | 433 | 433 | -19 | -29 | -40 | -40 | 731 |
| Retail | A2 | 72 | 7.9 | 4.77 | 92.1 | 315.7 | 3.58 | 8 | 174 | 405 | 405 | -4 | -18 | -27 | -27 | 862 |
| Food & Drug Retailers | BBB2 | 114 | 7.7 | 5.20 | 89.9 | 23.2 | 0.26 | 88 | 201 | 399 | 399 | -20 | -30 | -27 | -27 | 876 |
| Retail-Discounters | A1 | 48 | 7.5 | 4.54 | 95.5 | 55.3 | 0.65 | -6 | 159 | 292 | 292 | -1 | -20 | -20 | -20 | 821 |
| Retail-Non-Discounters | A3 | 73 | 8.0 | 4.79 | 91.5 | 237.2 | 2.67 | 3 | 175 | 434 | 434 | -4 | -16 | -28 | -28 | 870 |
| Technology | A2 | 75 | 7.7 | 4.81 | 91.6 | 555.7 | 6.27 | -36 | 172 | 531 | 531 | 1 | -21 | -39 | -39 | 852 |
| Telecom | BBB2 | 102 | 8.6 | 5.05 | 90.8 | 334.0 | 3.74 | 29 | 326 | 623 | 623 | -4 | -32 | -47 | -47 | 1.065 |
| Tobacco | BBB1 | 129 | 7.0 | 5.35 | 94.1 | 87.8 | 1.02 | -39 | 217 | 694 | 694 | 3 | -23 | -54 | -54 | 854 |
| Transportation | BBB1 | 100 | 9.1 | 5.09 | 92.3 | 192.9 | 2.20 | 47 | 156 | 503 | 503 | -7 | -15 | -36 | -36 | 921 |
| Railroads | A3 | 80 | 11.2 | 4.88 | 90.4 | 111.1 | 1.24 | 41 | 186 | 532 | 532 | -4 | -13 | -31 | -31 | 1.088 |
| Transportation-Other | BBB2 | 125 | 6.5 | 5.35 | 95.0 | 81.8 | 0.96 | 54 | 121 | 463 | 463 | -12 | -17 | -42 | -42 | 711 |
| Utilities | A3 | 114 | 8.4 | 5.20 | 92.2 | 797.6 | 9.06 | 56 | 166 | 443 | 443 | -12 | -17 | -30 | -30 | 894 |
| | A3 | | | | | | | | | | | -7 -7 | | -34 | | |
| Market | A3 | 104 | 6.8 | 5.14 | 93.4 | 8,685.8 | 100.00 | 31 | 175 | 465 | 465 | -/ | -21 | -34 | -34 | 791 |

Source: ICE Data Indices, LLC, BofA Global Research

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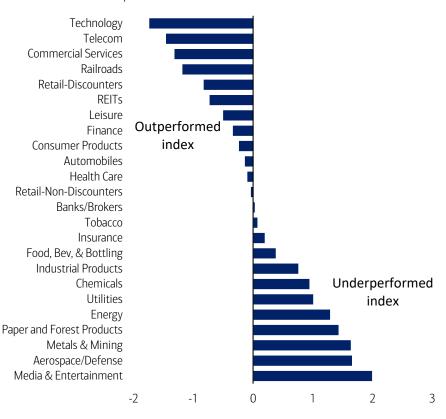
Sector performance and relative value



Exhibit 24: Trailing 12mo spread Z-score vs. current sector spread differential to the market

Technology and Telecom are trading tight and Media & Entertainment and Aerospace/Defense are trading wide relative to the market.





Source: ICE Data Indices, LLC, BofA Global Research

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Supply statistics

Exhibit 25: High grade supply summary, \$bn

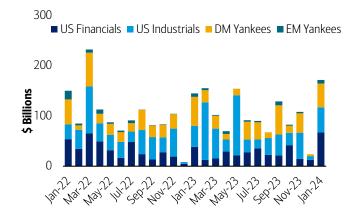
US IG supply by broad market sectors

| Sector | WTD | MTD | QTD | YTD |
|------------------------------|------|-------|-------|-------|
| US Financials | 10.9 | 67.0 | 67.0 | 67.0 |
| US Industrials | 5.1 | 49.9 | 49.9 | 49.9 |
| European Financials | 0.0 | 27.9 | 27.9 | 27.9 |
| European Industrials | 0.9 | 6.6 | 6.6 | 6.6 |
| EM Yankees | 1.7 | 7.1 | 7.1 | 7.1 |
| Non-Euro Non-EM Yankees | 1.8 | 12.8 | 12.8 | 12.8 |
| Total | 20.3 | 171.2 | 171.2 | 171.2 |
| Source: BofA Global Research | | | | |

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Exhibit 26: HG monthly issuance, \$bn

Monthly US IG supply by broad market sectors



Source: BofA Global Research



Exhibit 27: Cumulative High grade supply YTD, \$bn

YTD US IG supply by broad market sectors and YoY comps

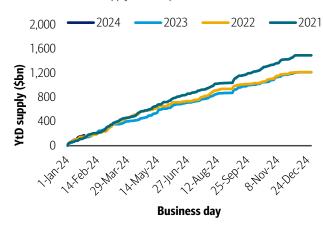
| | | YTD | YTD | YTD | YTD |
|-------------------|----------|-------|-------|-------|-------|
| Sector | YTD 2020 | 2021 | 2022 | 2023 | 2024 |
| Financials | 79.1 | 71.5 | 102.3 | 90.3 | 108.8 |
| AAA-A Industrials | 23.0 | 16.7 | 21.4 | 16.9 | 29.7 |
| BBB Industrials | 37.3 | 23.9 | 21.5 | 23.1 | 32.7 |
| Total | 139.5 | 112.1 | 145.1 | 130.3 | 171.2 |
| %-change | | | 29% | -10% | 31% |
| US | 77.1 | 69.3 | 78.4 | 67.6 | 116.8 |
| Europe | 17.8 | 18.4 | 24.7 | 31.4 | 34.5 |
| EM | 20.2 | 9.8 | 16.9 | 5.9 | 7.1 |
| Other DM | 24.4 | 14.7 | 25.2 | 25.5 | 12.8 |

Source: BofA Global Research

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Exhibit 28: Cumulative High grade supply, \$bn

Cumulative YTD US IG supply YoY comps



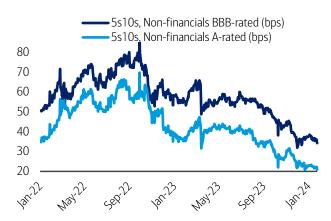
Source: BofA Global Research

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Corporate spread curves

Exhibit 29: 5s10s non-financial corporate spread curves

5s10s spread curves have flattened YTD



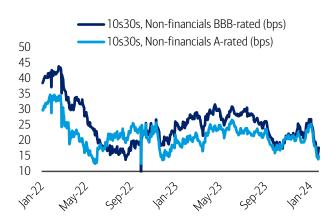
Note: the spread curve calculation is restricted to issuers that have bonds outstanding for both the short and the long tenors. For spread levels we use only on-the-run bonds (one for each tenor), outstanding for at most three years. The aggregate market spread curve is a simple average of individual issuer curves.

Source: BofA Global Research, ICE Data Indices, LLC

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Exhibit 30: 10s30s non-financial corporate spread curves

10s30s spread curves have steepened a bit YTD



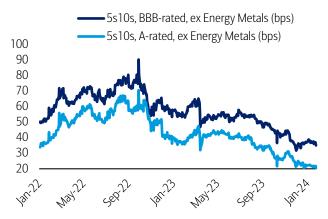
Note: the spread curve calculation is restricted to issuers that have bonds outstanding for both the short and the long tenors. For spread levels we use only on-the-run bonds (one for each tenor), outstanding for at most three years. The aggregate market spread curve is a simple average of individual issuer curves.

Source: BofA Global Research, ICE Data Indices, LLC



Exhibit 31: 5s10s ex Energy Metals corporate spread curves

5s10s ex energy and metals spread curves have flattened YTD



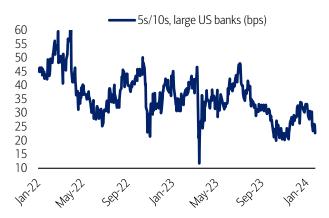
Note: the spread curve calculation is restricted to issuers that have bonds outstanding for both the short and the long tenors. For spread levels we use only on-the-run bonds (one for each tenor), outstanding for at most three years. The aggregate market spread curve is a simple average of individual issuer curves.

Source: BofA Global Research, ICE Data Indices, LLC

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Exhibit 33: 5s10s Banks corporate spread curves

5s10s large US bank spread curves have steepened a bit YTD



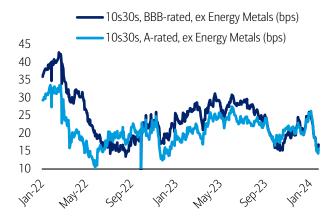
Note: the spread curve calculation is restricted to the top four US banks that have senior bonds outstanding for both the short and the long tenors. For spread levels we use only on-the-run bonds (one for each tenor), outstanding for at most three years. The aggregate market spread curve is a simple average of individual issuer curves.

Source: BofA Global Research, ICE Data Indices, LLC

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Exhibit 32: 10s30s ex Energy Metals corporate spread curves

10s30s ex energy and metals spread curves have flattened YTD



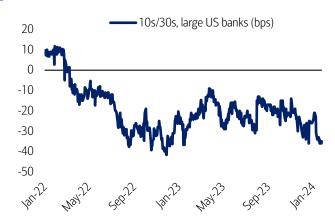
Note: the spread curve calculation is restricted to issuers that have bonds outstanding for both the short and the long tenors. For spread levels we use only on-the-run bonds (one for each tenor), outstanding for at most three years. The aggregate market spread curve is a simple average of individual issuer curves.

Source: BofA Global Research, ICE Data Indices, LLC

BofA GLOBAL RESEARCH

Exhibit 34: 10s30s Banks corporate spread curves

10s30s large US bank spread curves have flattened YTD



Note: the spread curve calculation is restricted to the top four US banks that have senior bonds outstanding for both the short and the long tenors. For spread levels we use only on-the-run bonds (one for each tenor), outstanding for at most three years. The aggregate market spread curve is a simple average of individual issuer curves.

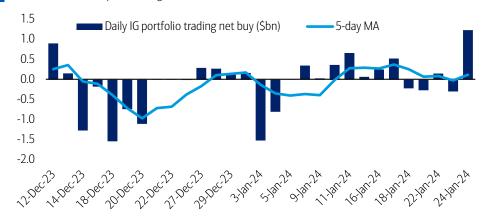
Source: BofA Global Research, ICE Data Indices, LLC



Portfolio trades tracker

Exhibit 35: IG portfolio trading net investor buy

Portfolio trades could provide insights into investors' views on the IG market

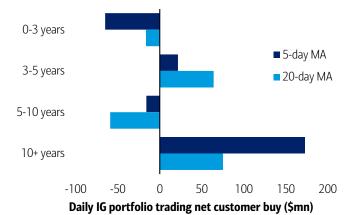


Source: Finra Trace, BofA Global Research

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Exhibit 36: IG portfolio trading net investor buy by maturity

This week portfolio investors were net buyers of 3-5 years, 10+ years maturities and they were net sellers of 0-3 years, 5-10 years maturities.

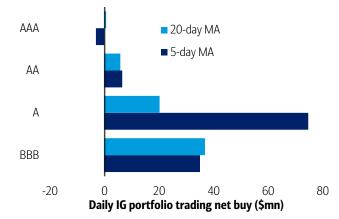


Source: Finra Trace, BofA Global Research

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Exhibit 37: IG portfolio trading net investor buy by maturity

This week portfolio investors were net buyers of BBBs, As, AAs and they were net sellers of AAAs.

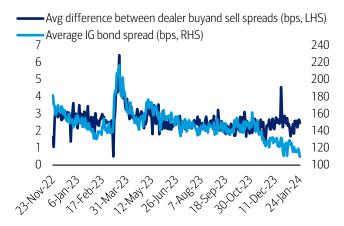


Source: Finra Trace, BofA Global Research

Liquidity tracker

Exhibit 38: Difference between dealer buy and sell spreads

Difference between dealer buy and sell spreads remains moderate and in line with IG bond spreads

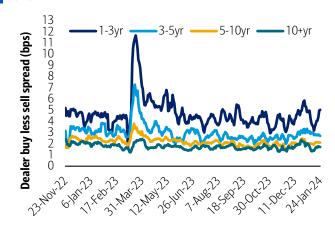


Note: based on Finra Trace dealer-to-client buy and sell trades of at least \$1mn and BofA credit trader runs for ICE BofA US IG corporate COA0 index bonds, and plotting daily average difference between dealer buy and sell trade spreads for the same bond on the same day.

Source: Finra Trace, BofA Global Research

BofA GLOBAL RESEARCH

Exhibit 39: Difference between dealer buy and sell spreads by maturityDifference between dealer buy and sell spreads remains moderate across the



Note: based on Finra Trace dealer-to-client buy and sell trades of at least \$1mn and BofA credit trader runs for ICE BofA US IG corporate COA0 index bonds, and plotting daily average difference between dealer buy and sell trade spreads for the same bond on the same day.

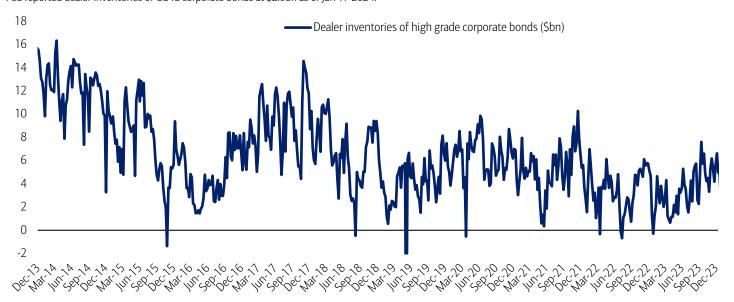
Source: Finra Trace, BofA Global Research

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Dealer inventories

Exhibit 40: Dealer inventories of high grade corporate bonds (\$bn)

Fed reported dealer inventories of US IG corporate bonds at \$2.9bn as of Jan 17 2024.



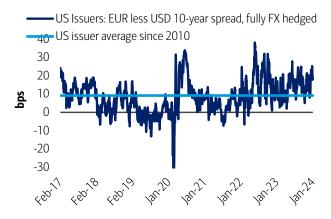
Source: BofA Global Research, Federal Reserve Bank



USD EUR relative value

Exhibit 41: US issuers: relative EUR and USD spreads

Relative value between fully currency hedged EUR and USD spreads for US issuers



Note: the chart plots issuer-matched spreads on a fully currency hedged basis. We use maturity-matched cross currency basis swaps to fully currency hedge principal and interest rate payments, and forward FX rates to fully hedge the stream of spread payments. We also adjust for the difference in quoting conventions with a 3 to 6M Euribor swap.

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

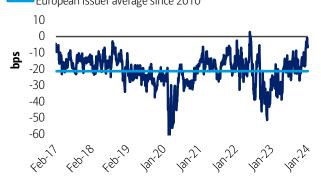
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Exhibit 42: European issuers: relative EUR and USD spreads

Relative value between fully currency hedged EUR and USD spreads for European issuers

European Issuers: EUR less USD 10-year spread, fully FX hedged

European issuer average since 2010



Note: the chart plots issuer-matched spreads on a fully currency hedged basis. We use maturity-matched cross currency basis swaps to fully currency hedge principal and interest rate payments, and forward FX rates to fully hedge the stream of spread payments. We also adjust for the difference in quoting conventions with a 3 to 6M Euribor swap.

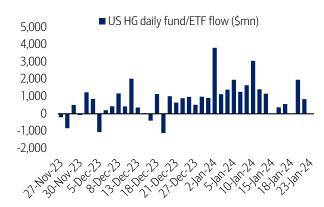
Source: BofA Global Research, ICE Data Indices, LLC, Bloomberg

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Mutual fund flows

Exhibit 43: Daily US IG bond fund and ETF flows (\$mn)

Strong daily inflows to US IG bond funds and ETFs

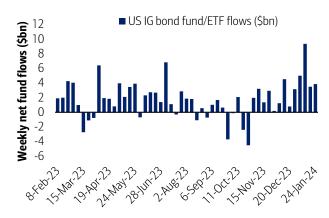


Source: EPFR Global, BofA Global Research

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Exhibit 44: Weekly high grade fund flows, \$bn

US IG bond fund/ETF flows, \$bn +\$3.86

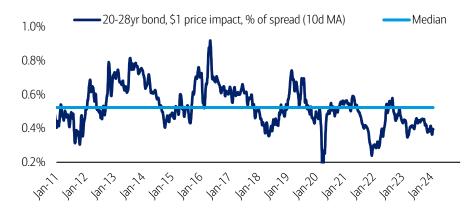


Source: EPFR Global, BofA Global Research



Exhibit 45: Market pricing of the dollar price impact on spreads

Currently the average impact of dollar price for 20-28yr bonds is 0.39% of spread, compared to the typical value of 0.52%.

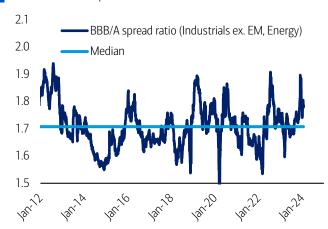


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Exhibit 46: BBB/A Industrial spread ratio

The current BBB/A spread ratio is 1.75 vs. 1.71 median.

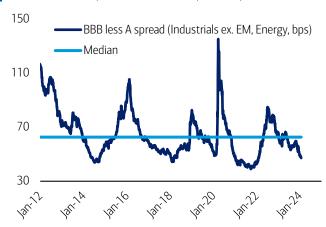


Source: BofA Global Research, ICE Data Indices, LLC.

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Exhibit 47: BBB/A Industrial spread difference

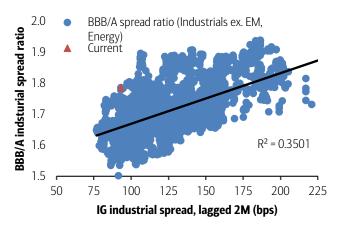
The current BBB/A spread difference is 62bps vs. 62bps median.



Source: BofA Global Research, ICE Data Indices, LLC.

Exhibit 48: BBB / A industrial relative value: scatter plot

BBB / A spread ratio tends to lag spreads by two months.

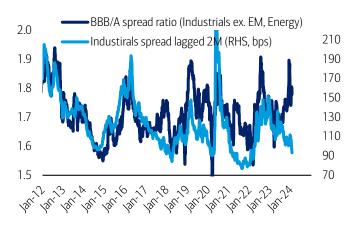


Source: BofA Global Research, ICE Data Indices, LLC.

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Exhibit 49: BBB / A industrial relative value: time series

BBB / A spread ratio tends to lag spreads by two months.

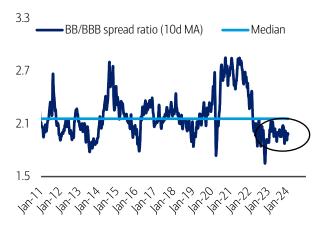


Source: BofA Global Research, ICE Data Indices, LLC.

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Exhibit 50: BB/BBB spread ratio

The current BB/BBB spread ratio is 1.92 vs. 2.16 median.

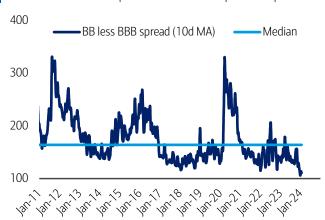


Source: BofA Global Research, ICE Data Indices, LLC. Note: based on maturity and sector-matched spreads. Ex. Financials, Energy.

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Exhibit 51: BB less BBB spreads

The current BB less BBB spread difference is 102bps vs. 164bps median.

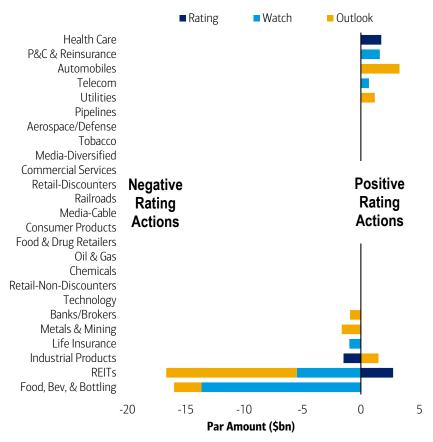


Source: BofA Global Research, ICE Data Indices, LLC. Note: based on maturity and sector-matched spreads. Ex. Financials, Energy.

Rating actions summary

Exhibit 52: Weekly rating actions by sector, notional value in HG Master index

Banks/Brokers contributed the most to positive rating actions while Oil & Gas contributed the most to negative rating actions this week



Note: Data include rating action by any of the three agencies (Moody's, S&P, Fitch).

Source: BofA Global Research, ICE Data Indices, LLC

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Weekly Credit Derivatives Note

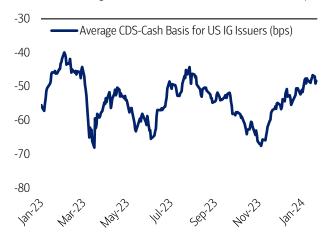
- IG CDS-Cash Basis widened this week from the LTM tights of Jan 19 (Exhibit 53)
- Synthetic cash still trades rich to cash, with most value in HY Utilities and BBs (Exhibit 55, Exhibit 56, Exhibit 57)
- CDX HY skew reached new local tights of -19.8bps yesterday. The index cheapened but still trades rich to FV (Exhibit 62)



CDS-Cash Basis

Exhibit 53: LTM US IG CDS-Cash Basis

On Jan 24, 2024 average CDS-Cash Basis for US IG Issuers was -48.3 bps...



Note: A more negative basis indicates bonds trading cheap to synthetic cash

Source: BofA Global Research, Markit

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Exhibit 55: CDS-Cash Basis by sector for US IG Issuers

Up means synthetic cash (long treasury, short CDS) currently rich to cash vs historically, down means synthetic cash currently cheap.

| | Current | | | Current |
|-----------------------|------------|----------|----------|---------|
| Sector | Basis (bp) | 1W Basis | 1M Basis | %ile |
| Basic Materials | -60 | -60 | -64 | 14% |
| Health Care | -53 | -53 | -56 | 44% |
| Retail | -43 | -42 | -46 | 52% |
| REITs | -52 | -51 | -63 | 61% |
| Media & Entertainment | -46 | -48 | -59 | 63% |
| Food, Bev, & Bottling | -65 | -64 | -67 | 64% |
| Industrial Products | -38 | -37 | -41 | 66% |
| Technology | -43 | -40 | -55 | 69% |
| Aerospace/Defense | -53 | -51 | -59 | 70% |
| Insurance | -26 | -28 | -31 | 73% |
| Other | -42 | -42 | n.a. | 74% |
| Finance | -62 | -63 | -72 | 76% |
| Transportation | -47 | -44 | -51 | 84% |
| Utilities | -61 | -62 | -62 | 84% |
| Energy | -48 | -46 | -55 | 91% |

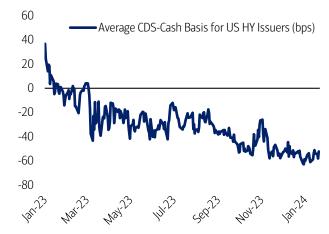
Note: The Other category includes IG sectors with less than 3 names. It is currently composed of Automobiles, Banks/Brokers, Commercial Services, Consumer Products, Leisure, Telecom, Tobacco

Source: BofA Global Research, Markit

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Exhibit 54: LTM US HY CDS-Cash Basis

...versus -52.2bps for US HY Issuers



Note: A more negative basis indicates bonds trading cheap to synthetic cash

Source: BofA Global Research, Markit

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Exhibit 56: CDS-Cash Basis by sector for US HY Issuers

Up means synthetic cash (long treasury, short CDS) currently rich to cash vs historically, down means synthetic cash currently cheap.

| Sector | Current Basis (bp) | 1W Basis | 1M Basis | Current %ile |
|-----------------------|-----------------------|----------|----------|-----------------|
| Utilities | -73 | -76 | -70 | 5% |
| Automobiles | 29 | 37 | 30 | 12% |
| Basic Materials | -103 | -97 | -104 | 12% |
| Health Care | -83 | -72 | -66 | 12% |
| Leisure | -43 | -37 | -46 | 15% |
| Media & Entertainment | -65 | -59 | -53 | 15% |
| Retail | 23 | 42 | 51 | 16% |
| Commercial Services | -77 | -80 | -73 | 17% |
| Other | -65 | -63 | -59 | 46% |
| Energy | -55 | -59 | -61 | 47% |

Note: The Other category includes IG sectors with less than 3 names. It is currently composed of Aerospace/Defense, Consumer Products, Finance, Food, Bev, & Bottling, Insurance, REITs, Transportation

Source: BofA Global Research, Markit

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Exhibit 57: CDS-Cash Basis by rating

A low basis or low percentile are indicative of synthetic cash trading expensive to cash.

| | Current Basis | | | | | | |
|-------------|---------------|----------|----------|--------------|--|--|--|
| Sector | (bp) | 1W Basis | 1M Basis | Current %ile | | | |
| A or higher | -38 | -38 | -42 | 87 | | | |
| BBB | -52 | -52 | -60 | 81 | | | |
| BB | -70 | -70 | -64 | 5 | | | |
| В | -21 | -27 | -33 | 24 | | | |

Source: BofA Global Research, Markit



Exhibit 58: Top 10 richest US IG synthetic cash to cash

IG Issuers with synthetic cash trading richest to cash currently include COF (-107bps), HRB (-91bps), and DUK (-89bps).

| | | | Basis | | |
|--------|--|--|---|---|---|
| Ticker | Rating | Sector | (bp) | %ile | %ile |
| COF | BBB1 | Finance | -107 | 95% | 68% |
| HRB | BBB3 | Commercial Services | -91 | 89% | 49% |
| DUK | BBB2 | Utilities | -89 | 85% | 76% |
| PKG | BBB2 | Basic Materials | -82 | 92% | 19% |
| WY | BBB2 | REITs | -81 | 93% | 57% |
| COXENT | BBB2 | Media & Entertainment | -81 | 59% | 26% |
| AEP | BBB2 | Utilities | -80 | 94% | n.a. |
| AZO | BBB2 | Retail | -75 | 98% | 51% |
| AVT | BBB3 | Commercial Services | -73 | 92% | 58% |
| EXC | BBB2 | Utilities | -73 | 91% | 69% |
| | HRB DUK PKG WY COXENT AEP AZO AVT | COF BBB1 HRB BBB3 DUK BBB2 PKG BBB2 WY BBB2 COXENT BBB2 AEP BBB2 AZO BBB2 AVT BBB3 | COF BBB1 Finance HRB BBB3 Commercial Services DUK BBB2 Utilities PKG BBB2 Basic Materials WY BBB2 REITs COXENT BBB2 Media & Entertainment AEP BBB2 Utilities AZO BBB2 Retail AVT BBB3 Commercial Services | Ticker Rating Sector (bp) COF BBB1 Finance -107 HRB BBB3 Commercial Services -91 DUK BBB2 Utilities -89 PKG BBB2 Basic Materials -82 WY BBB2 REITs -81 COXENT BBB2 Media & Entertainment -81 AEP BBB2 Utilities -80 AZO BBB2 Retail -75 AVT BBB3 Commercial Services -73 | Ticker Rating Sector (bp) %ile COF BBB1 Finance -107 95% HRB BBB3 Commercial Services -91 89% DUK BBB2 Utilities -89 85% PKG BBB2 Basic Materials -82 92% WY BBB2 REITs -81 93% COXENT BBB2 Media & Entertainment -81 59% AEP BBB2 Utilities -80 94% AZO BBB2 Retail -75 98% AVT BBB3 Commercial Services -73 92% |

Note: 87 issuers are included in our analysis

Source: BofA Global Research, Markit

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Exhibit 59: Top 10 richest US HY synthetic cash to cash

HY Issuers with synthetic cash trading richest to cash currently include AVNT (-147bps), VST (-131bps), and GFLCN (-124bps).

| Ranl | k Ticker | Rating | Sector | Current Basis (bp) | Current %ile | 1M %ile |
|------|----------|--------|---------------------|--------------------------|-----------------|------------|
| 1 | AVNT | BB3 | Basic Materials | -147 | 11% | 23% |
| 2 | VST | BB2 | Utilities | -131 | 93% | 50% |
| 3 | GFLCN | B3 | Commercial Services | -124 | 42% | 69% |
| 4 | IRM | BB3 | REITs | -120 | 35% | 42% |
| 5 | LPX | BB1 | Basic Materials | -120 | 71% | 20% |
| 6 | EQM | BB3 | Energy | -115 | 71% | n.a. |
| 7 | MUR | BB1 | Energy | -113 | 3% | n.a. |
| 8 | NCX | BB3 | Basic Materials | -111 | 36% | 63% |
| 9 | DVA | B1 | Health Care | -107 | 81% | 65% |
| 10 | CHK | BB2 | Energy | -104 | 83% | 24% |

Note: 56 issuers are included in our analysis

Source: BofA Global Research, Markit

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Exhibit 60: Top 10 cheapest US IG synthetic cash to cash

IG Issuers with synthetic cash trading cheapest to cash currently include LNC (35bps), WHR (27bps), and PG (-8bps).

| Dank | . Ticker | Dating | Sector | Basis | Current %ile | 1M %ile | |
|-------|----------|--------|-----------------------|-------|-----------------|------------|--|
| Naiik | | Rating | | (bp) | | | |
| 1 | LNC | BBB1 | Insurance | 35 | 60% | 44% | |
| 2 | WHR | BBB2 | Consumer Products | 27 | 86% | 77% | |
| 3 | PG | AA3 | Consumer Products | -8 | 55% | 41% | |
| 4 | WMT | AA2 | Retail | -9 | 86% | 77% | |
| 5 | GM | BBB2 | Automobiles | -18 | 81% | n.a. | |
| 6 | DXC | BBB2 | Technology | -23 | 44% | 14% | |
| 7 | AXP | A3 | Finance | -24 | 100% | 61% | |
| 8 | PARA | BBB3 | Media & Entertainment | -25 | 40% | 6% | |
| 9 | CAT | A2 | Industrial Products | -26 | 91% | 83% | |
| 10 | UPS | A2 | Transportation | -26 | 65% | 56% | |

Note: 87 issuers are included in our analysis

Source: BofA Global Research, Markit

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Exhibit 61: Top 10 cheapest US HY synthetic cash to cash

HY Issuers with synthetic cash trading cheapest to cash currently include JWN (216bps), NBR (125bps), and M (79bps).

| | | | | Current Basis | Current | 1M |
|------|--------|--------|---------------------|------------------|---------|------|
| Rank | Ticker | Rating | Sector | (bp) | %ile | %ile |
| 1 | JWN | BB1 | Retail | 216 | 75% | 93% |
| 2 | NBR | B1 | Energy | 125 | 67% | 53% |
| 3 | М | BB1 | Retail | 79 | 78% | 98% |
| 4 | AXL | B2 | Automobiles | 78 | 51% | 51% |
| 5 | BBDBCN | B2 | Aerospace/Defense | 66 | 95% | n.a. |
| 6 | CCL | B2 | Leisure | 56 | 36% | 18% |
| 7 | CAR | B1 | Commercial Services | 37 | 39% | 10% |
| 8 | DAL | BB1 | Transportation | 29 | 48% | 39% |
| 9 | GT | B1 | Automobiles | 17 | 5% | 10% |
| 10 | NWL | BB2 | Consumer Products | 11 | 6% | 18% |

Note: 56 issuers are included in our analysis

Source: BofA Global Research, Markit

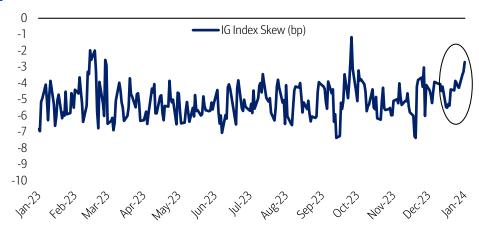
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CDX HY Skew tightening action

CDX HY spread skew reached new local tights yesterday.

Exhibit 62: CDX HY Index Skew (bp)

On Jan 24, 2024, skew was -19.8 bps.



 $Note: Skew = Traded\ index\ -\ Fair\ value\ of\ the\ constituents.\ Negative\ skew\ (in\ spread)\ points\ to\ the\ index\ trading\ rich\ to\ FV.$

Source: BofA Global Research, Markit

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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

Unched: Unchanged

CPI: Consumer Price Index

FOMC: The Federal Open Market Committee



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