



Month Ended February 28th, 2023

Preferred Market Update

- All segments of the preferred & hybrid market are outperforming all other fixed income asset classes YTD through 2/28, while providing a 6%+ current yield and IG average credit ratings (Fig. 1).
- Valuations widened slightly over the past month across the preferred & hybrid market on a yield-to-worst (YTW) basis (Fig. 2). \$1000 par US and non-US banks offer a YTW well above 7%.
- Preferred ETFs net flows stand at -\$166MM on a YTD basis. The outflows have been concentrated in passive ETFs, which have seen over \$300MM in outflows; while active ETFs continue to see inflows (Fig. 3).
- Most of the preferred & hybrid market continues to trade at percent (%) of par levels not seen in years, even after the rebound to start '23 (Fig 4). Historically, this has led to attractive forward returns; we believe there is the potential for appreciation in addition to income over the next 12 months.

Total Return and Effective Duration

ICE BofA Index	Ticker	Rating	Eff Dur	Cur Yld	YTD TR
Custom Preferred Full Market Blend*	N/A	BBB3	4.38	6.12%	5.82%
Core Plus Fixed Rate Preferred Securities	POP4	BBB3	7.44	6.27%	10.59%
U.S. IG Institutional Capital Securities	CIPS	BBB2	3.48	5.38%	3.71%
USD Contingent Capital Index	CDLR	BB1	2.59	6.74%	3.04%
U.S. Corporate	COA0	A3	6.79	4.19%	0.86%
U.S. Cash Pay High Yield	JOA0	B1	3.92	6.53%	2.52%
Current 10-Yr U.S. Treasury	GA10	AAA	8.21	3.61%	-0.15%
U.S. Municipal Securities	UOA0	AA3	6.96	4.34%	0.57%
U.S. Mortgage Backed Securities	MOA0	AAA	5.77	3.21%	0.50%

Figure 1: Data Source: ICE Data Services as of 02/28/2023. *Definition on page 2.

Average Yield-To-Worst (%)

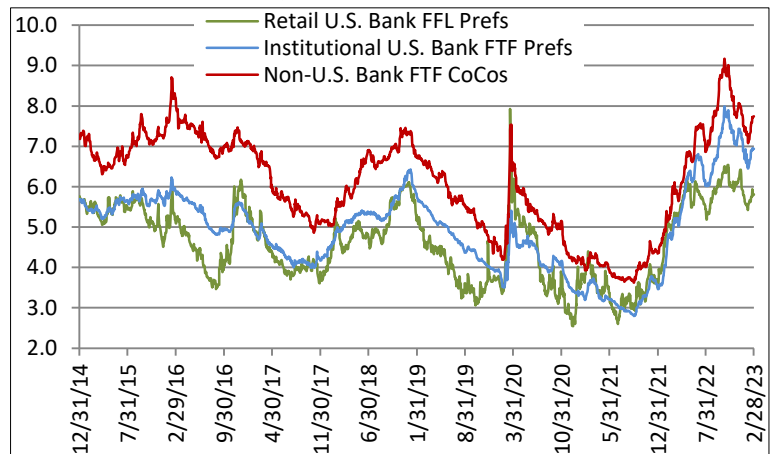


Figure 2: Data Source: Stonebridge and Bloomberg as of 02/28/2023.

YTD Preferred ETF Net Flows (MM US\$)

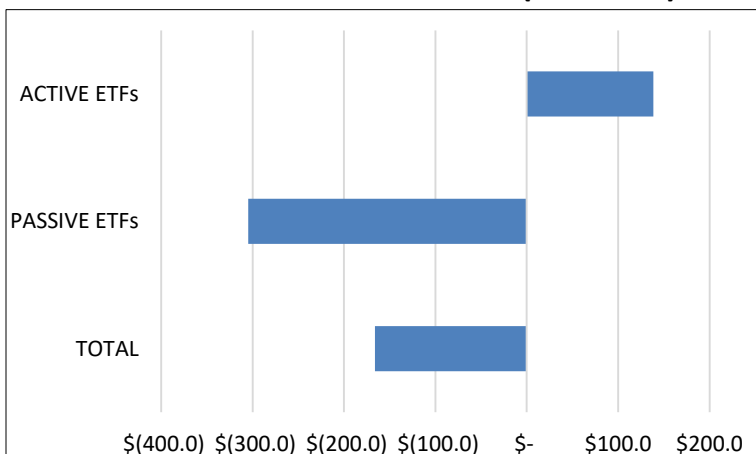


Figure 3: Data Source: Bloomberg and Stonebridge as of 02/28/2023.

Average Percent of Par (%)

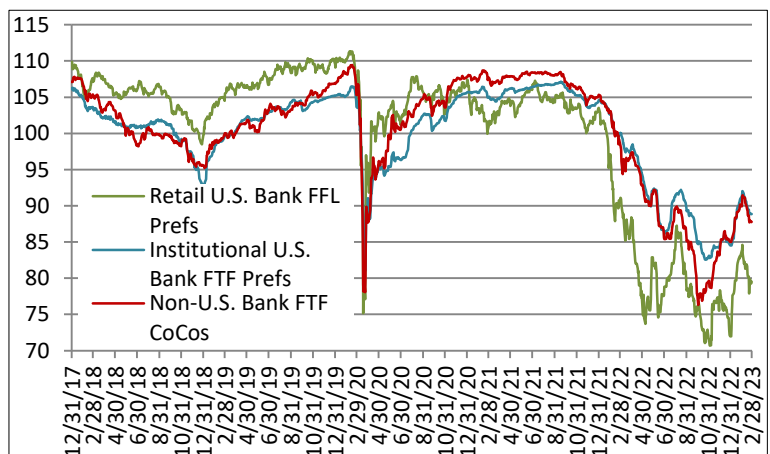


Figure 4: Stonebridge and Bloomberg as of 02/28/2023.

Past performance is not a guarantee of future results. Please see other side for index definitions and risk considerations

Stonebridge Advisors LLC an Affiliate of First Trust Portfolios L.P.

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Stonebridge Advisors LLC Preferred Securities

Monthly Monitor

Risk Considerations:

Preferred securities ("Preferreds") are "hybrid" securities, typically involving risks similar to both equity and debt securities. As with any investment, you can lose money through an investment in preferreds. Preferreds are usually issued by companies in the financial sector which involves additional risks than a more diversified investment, including the adverse effects of volatile interest rates, economic recession, decreases in the availability of capital, increased competition from new entrants in the field, and the potential for increased regulation.

Securities issued by foreign issuers, including Preferreds, are subject to additional risks including currency fluctuations, political risks, withholding, the lack of adequate financial information, and exchange control restrictions.

Certain Preferreds are rated below investment grade ("high-yield" or "junk" securities) or may be unrated. High-yield securities should be viewed as speculative and carry additional risks compared to investment grade securities. High-yield securities are subject to the risks of higher interest rates, economic recession, deterioration of the high-yield market, possible downgrades, and defaults of the interest, dividends and/or principal. High-yield security prices tend to fluctuate more than higher rated securities, and are more affected by short-term credit developments.

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Definitions:

- **POP4** – ICE BofA Core Plus Fixed Rate Preferred Securities Index – tracks the performance of fixed-rate US dollar denominated preferred securities issued in the US domestic market. This index is comprised of 100 retail securities and does not require securities to be investment-grade rated.
- **CIPS** – ICE BofA US IG Institutional Capital Securities Index – tracks the performance of US dollar denominated investment grade hybrid capital corporate and preferred securities publicly issued in the US domestic market.
- **COAO** – ICE BofA US Corporate Index – tracks the performance of US dollar denominated investment grade corporate debt publicly issued in the US domestic market.
- **JOAO** – ICE BofA US Cash Pay High Yield Index – tracks the performance of US dollar denominated below investment grade corporate debt, currently in a coupon paying period, that is publicly traded in the U.S. domestic market.
- **GA10** – ICE BofA Current 10-Year US Treasury Index – is a one-security index comprised of the most recently issued 10-year US Treasury note.
- **MOAO** – ICE BofA US Mortgage Backed Securities Index – tracks the performance of US dollar denominated fixed rate and hybrid residential mortgage pass-through securities publicly issued by US agencies in the US domestic market.
- **UOAO** – ICE BofA US Municipal Securities Index – tracks the performance of US dollar denominated investment grade tax-exempt debt publicly issued by US states and territories, and their political subdivisions, in the US domestic market.
- **CDLR** – ICE USD Contingent Capital Index – Subset of the ICE BofA Contingent Capital Index including all securities denominated in US dollars.
- **HIPS** – ICE BofA US High Yield Institutional Capital Securities Index – tracks the performance of US dollar denominated sub-investment grade hybrid capital corporate and preferred securities publicly issued in the US domestic market.
- **Custom Preferred Full Market Blend** – ICE BofA Custom Blend Index – 30% POP4 / 30% CDLR / 30% CIPS / 10% HIPS

Indexes are unmanaged and an investor cannot invest directly in an index. Index constituent composite ratings are simple averages of ratings from Moody's, S&P and Fitch and are subject to change. **Past performance is not a guarantee of future results.**

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