

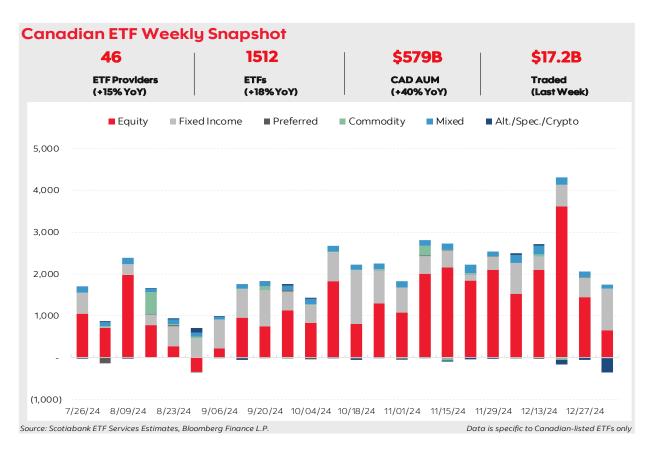
YOUR NORTH AMERICAN ETF SNAPSHOT: WEEK ENDING JANUARY 3

** PRODUCT UPDATE: We are now publishing weekly stats for the US ETF industry – refer to attached PDF. Feedback welcome! **

Notable Weekly Global ETF News

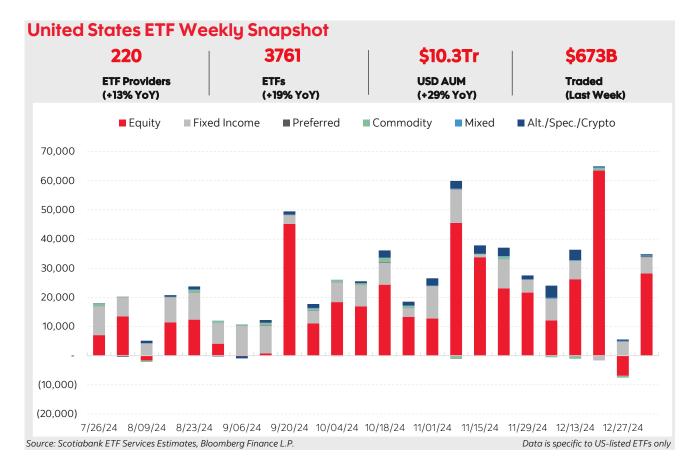
- A Record-Shattering \$1 Trillion Poured Into ETFs: Investors plowed over \$1 trillion into U.S.-based ETFs in 2024, shattering the previous record set three years ago and raising Wall Street hopes for an even bigger year ahead. Assets in U.S. ETFs grew by more than 30% in 2024.
 - o Gold ETFs continue to struggle, despite a record year for US-listed ETFs: <u>Bullion-backed ETFs saw outflows</u> for a 4th year in a row!
 - o <u>Greatest ETF Launch in History:</u> IBIT reached US\$50B in AUM in only 11 months after nearly US\$40B inflows, becoming the 1st ETF to achieve this feat.
- Stockpicking Funds Suffer Record \$450bn of Outflows: Investors pulled a record \$450bn out of actively managed stock funds this year, as a shift into cheaper index-tracking investments reshapes the asset management industry. MF outflows largely outpaced record inflows into US-listed active ETFs (+US\$280B).

Last Week's North American ETF Market Summary (Detailed stats in attached PDFs)



Weekly Creation/Redemption by Asset Class

| | \$ Traded | Short Int | AUM Net C/R | | Net C/R (% AUM) | | |
|-----------------------|-----------|-----------|-------------|---------|-----------------|---------|--------|
| | (CAD M) | (% of SO) | (CAD M) | (CAD M) | 1-Week | 1-Month | 1-Year |
| Fixed Income | 2,739.2 | 0.3% | 131,627 | 814.4 | 0.6% | 2.4% | 28.9% |
| Equity | 10,179.4 | 0.7% | 379,989 | 658.2 | 0.2% | 2.5% | 22.5% |
| Cash | 2,167.1 | 0.3% | 21,266 | 195.6 | 0.9% | -0.3% | -8.6% |
| Mixed Allocation | 336.8 | 0.1% | 22,603 | 98.1 | 0.4% | 3.3% | 43.0% |
| Preferreds | 74.8 | 1.1% | 6,563 | -5.6 | -0.1% | -0.7% | -7.0% |
| Specialty/Alternative | 53.8 | 1.6% | 3,413 | -5.7 | -0.2% | 2.9% | 5.6% |
| Commodity | 889.8 | 0.6% | 4,374 | -15.2 | -0.3% | -0.2% | 37.4% |
| Cryptocurrency | 796.3 | 0.4% | 9,011 | -346.5 | -3.9% | -6.5% | -25.8% |
| Total | 17,237.1 | 0.5% | 578,844 | 1,393.3 | 0.2% | 2.2% | 22.0% |



US Weekly Creation/Redemption by Asset Class

| | \$ Traded | Short Int | AUM | Net C/R | Net C | /R (% AUM) | |
|-----------------------|-----------|-----------|------------|----------|--------|------------|--------|
| | (USD M) | (% of SO) | (USD M) | (USD M) | 1-Week | 1-Month | 1-Year |
| Equity | 536,721.4 | 0.2% | 8,312,717 | 28,218.2 | 0.8% | 1.4% | 12.3% |
| Fixed Income | 90,704.6 | 1.4% | 1,756,814 | 5,528.2 | 0.3% | 1.1% | 20.1% |
| Mixed Allocation | 914.9 | 0.2% | 25,300 | 375.5 | 1.5% | 5.3% | 22.2% |
| Preferreds | 1,651.8 | 1.5% | 38,591 | 271.1 | 0.0% | 0.8% | 9.9% |
| Cryptocurrency | 16,954.4 | 1.0% | 134,126 | 198.0 | 0.0% | 6.3% | 136.5% |
| Specialty/Alternative | 13,151.7 | 3.4% | 23,814 | 194.1 | 0.8% | 5.2% | 65.1% |
| Commodity | 13,135.8 | 3.2% | 162,508 | -68.5 | 0.0% | -0.9% | 1.4% |
| Total | 673,234.6 | 1.8% | 10,453,870 | 34,716.6 | 0.3% | 1.4% | 14.1% |

New Canadian ETF Products

| Weekly New ETF Prelim Filings | | | | |
|-------------------------------|----------|--|--|--|
| Fund Manager | ETF | | | |
| | | | | |
| | <u>`</u> | | | |

| Weekly New ETF Approvals | | | | | |
|--------------------------|--------------------------------------|---|--|--|--|
| Approval Date | Fund Manager | ETF | | | |
| January 2, 2025 | Arrow Capital Management | WaveFront All-Weather Alternative Fund (WAAV) | | | |
| January 3, 2025 | BlackRock Asset Management Canada | iShares Bitcoin ETF (IBIT/IBIT.U) | | | |
| Weekly New ETF Launches | | | | | |
| Launch Date | Fund Manager | ETF | | | |
| | | | | | |

CONTACT US

Scotiabank Global Banking and Markets | ETF Services etftrading@scotiabank.com | 416.863.7237

Daniela Fajardo, MBA, Associate Director 416.860.1023 | Scotia Capital Inc.

Morley Conn, CFA, Director 416.863.7882 | Scotia Capital Inc.

Danielle Tygesen, Analyst 416.863.5902 | Scotia Capital Inc.

Alex Perel, CFA, MD & Head of ETF Services

416.862.3158 | Scotia Capital Inc.

Winnie Jiang, CFA, Associate Director 416.863.7295 | Scotia Capital Inc.

Please feel free to give us a call or click the link to provide feedback.

Registered ScotiaView users: Click here to access Global Equity Research

Scotiabank | Global Banking and Markets | Scotia Plaza, 40 Temperance Street, 4th Floor, Toronto, Ontario Canada M5H 1Y4 www.scotiabank.com

Scotiabank is a business name used by Scotia Capital Inc.



© The Bank of Nova Scotia 2022

To unsubscribe from this specific note/publication, email etfcommentary@scotiabank.com

TM Trademark of The Bank of Nova Scotia. Used under license, where applicable. Scotiabank, together with "Global Banking and Markets", is a marketing name for the global corporate and investment banking and capital markets businesses of The Bank of Nova Scotia and certain of its affiliates in the countries where they operate, including Scotia Capital Inc., Scotia Capital (USA) Inc., Scotiabanc Inc.; Citadel Hill Advisors L.L.C.; The Bank of Nova Scotia Trust Company of New York; Scotiabank Europe plc; Scotiabank (Ireland) Designated Activity Company; Scotiabank Inverlat S.A., Institución de Banca Múltiple, Scotia Inverlat Casa de Bolsa S.A. de C.V., Scotia Inverlat Derivados S.A. de C.V. – all members of the Scotiabank Group and authorized users of the mark. The Bank of Nova Scotia is incorporated in Canada with limited liability. Scotia Capital Inc. is a member of CIPF. Scotia Capital (USA) Inc. is a registered broker-dealer with the SEC and is a member of the NASD and SIPC. The Bank of Nova Scotia is authorised and regulated by the Office of the Superintendent of Financial Institutions of Canada. Scotia Capital Inc. is authorised and regulated by the Investment Industry Regulatory Organization of Canada. The Bank of Nova Scotia (London) and Scotiabank Europe plc. are authorised by the UK Prudential Regulation Authority. The Bank of Nova Scotia is subject to regulation by the UK Financial Conduct Authority and limited regulation by the UK Prudential Regulation Authority are available upon request. Scotiabank (Ireland) Designated Activity Company is authorised and regulated by the CBI Scotiabank Inverlat, S.A., Scotia Inverlat Casa de Bolsa, S.A. de C.V., and Scotia Derivados, S.A. de C.V., are each authorized and regulated by the Mexican financial authorities.

This publication is not a research report and is considered a marketing communication only. Consequently, this commentary is not governed by rules applicable to the publication and distribution of research reports, including relevant restrictions or disclosures required to be included in research reports and has not been prepared in accordance with EU legal requirements designed to promote the independence of investment research. This publication is not meant to provide information sufficient upon to base an investment decision, or to replace any due diligence or analytical work required by you in making investment decisions. The information contained in this publication is not subject to any prohibition in the EU on dealing ahead of the dissemination of investment research. This communication has been prepared and distributed by staff of Scotia Capital Inc.'s Institutional Equity Sales and Trading Desk (a Canadian Investment Dealer, member of IIROC) solely for the use of sophisticated institutional investors. Past performance or simulated past performance is not a reliable indicator of future performance. The opinions and statements contained herein are intended for information purposes only and are subject to change without notice. In addition, the opinions and statements contained herein are based on information taken from sources believed to be reliable, but no representation or warranty, express or implied, is made as to their accuracy, completeness, or timeliness. Furthermore, the opinions expressed herein represent the personal views of the writer and may not be shared by other members of the Institutional Equity Desk or other areas or divisions could trade in accordance with the views expressed or trade against these views. Any transactions by US Institutional Investors in any security mentioned or referenced in this publication cannot be effected through Scotia Capital Inc. and must be executed with a U.S. broker-dealer, including Scotia Capital (USA) Inc., an affiliate of Scotia Capital Inc. Scotia Ca

Scotia Capital Inc., its directors, officers, employees, affiliates or clients may currently or from time to time own or hold interests in long or short positions in the securities referred to herein and may at any time make purchases or sales of these securities as principal or agent. Scotia Capital Inc. or its affiliates may have provided or may provide investment banking, capital markets advice or other services to the companies referred to in this communication. This email should not be construed as investment advice or as an offer to sell or a solicitation of an offer to buy any securities or other financial instruments. Neither Scotia Capital Inc. nor any of its officers, directors, partners, employees or affiliates accepts any liability for any direct or consequential loss arising from this publication or its contents. Scotia Capital Inc. recommends that investors independently evaluate each issuer and security discussed in this publication and consult with any advisors they deem necessary prior to making any investment.

If you are subject to the prohibition on third-party benefits in relation to portfolio management and independent investment advice under MiFID II (Directive 2014/65/EU and the accompanying Regulation (EU) No 600/2014) or the UK Markets in Financial Instruments (Amendment)(EU Exit) Regulations 2018, each as amended from time to time, and should not have received this communication, please advise us in writing at trade.supervision@scotiabank.com

Redistribution or onward forwarding of this email is strictly prohibited. If you believe that this email was sent to you in error, please forward a message to that effect as soon as practicable to trade.supervision@scotiabank.com

The information is not advice, a recommendation, or an offer. The information provided herein is intended for general circulation and does not take into account specific investment objectives, financial circumstances or the particular needs of any recipient. It does not construe an offer or solicitation to buy or sell or subscribe for any security or financial instrument or investment product, or to enter into a transaction or participate in any particular trading or investment strategy.

The information is not for Retail; no assurances as to results. Trading in securities involves risks, including the risk of loss. This document and the products and strategies described herein (collectively, the "Products") are intended for use only by sophisticated professional and institutional investors as may be defined in the respective jurisdictions. Investors should consult their financial, legal and tax advisors and determine that the Products are suitable for their risk tolerance and investment objectives prior to engaging in any activity related to the Products. Scotiabank cannot provide any assurances that the Products will achieve their intended results or that the Products will outperform other similar products or strategies. While this document describes how the Products are intended to work under normal market conditions, the actual performance of the Products may not achieve their intended results, particularly during periods of unusually high volatility, unusually low liquidity and/or other extraordinary market conditions. Nothing in this document should be construed as tax or investment advice and no description of the Products-related transactions. If there are any matters arising from, or in connection with the materials, investors should contact their Scotiabank representative to seek further clarification.

1 GBM&T does not deal with retail clients.