# **JANUARY 22, 2024**

# FOR THE WEEK ENDING JANUARY 19, 2024

40 **ETF Providers** (+5% YoY)

1357 **ETFs** (+15% YoY)

\$419B **CAD AUM** (+18% YoY) \$12.6 **Traded** (Last Week)

#### WEEKLY CREATIONS/REDEMPTIONS BY ASSET CLASSES

Equity (C\$739M) and fixed income (C\$171M) led inflows last week

|                       | \$ Traded | Short Int | AUM     | Net C/R | Net C/R (% AUM) |        |       |  |
|-----------------------|-----------|-----------|---------|---------|-----------------|--------|-------|--|
|                       | (CAD M)   | (% of SO) | (CAD M) | (CAD M) | 1-Week          | 1-Year |       |  |
| Equity                | 7,308.5   | 1.1%      | 264,200 | 739.1   | 0.3%            | 1.1%   | 8.3%  |  |
| Fixed Income          | 2,419.5   | 0.4%      | 100,314 | 170.8   | 0.2%            | 0.8%   | 19.6% |  |
| Mixed Allocation      | 307.9     | 0.1%      | 15,234  | 65.4    | 0.4%            | 2.2%   | 17.9% |  |
| Cash                  | 975.2     | 0.3%      | 23,211  | -2.6    | 0.0%            | 1.7%   | 38.0% |  |
| Preferreds            | 154.2     | 1.3%      | 6,134   | -2.8    | 0.0%            | -0.5%  | -5.2% |  |
| Specialty/Alternative | 54.3      | 2.5%      | 3,013   | -13.3   | -0.4%           | -1.1%  | 15.1% |  |
| Commodity             | 894.9     | 1.0%      | 2,576   | -16.6   | -0.6%           | -3.6%  | -6.2% |  |
| Cryptocurrency        | 483.8     | 3.3%      | 4,462   | -244.6  | -5.0%           | -6.9%  | 29.6% |  |
| Total                 | 12,598.3  | 0.9%      | 419,143 | 695.4   | 0.2%            | 1.0%   | 12.5% |  |

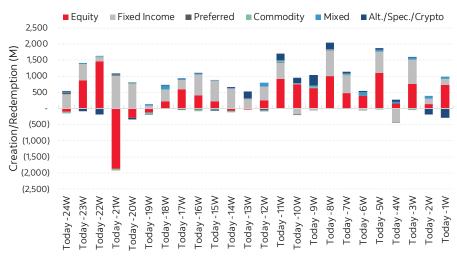
#### WEEKLY LARGEST CREATIONS/REDEMPTIONS

Investors poured into Cdn banks and broad equities (ZEB, XIC); while bitcoin was largely sold (BTCC/B, BTCX/B)

| Ticker | Name                                  | Returns<br>(1-Week) | Short Int<br>(% of SO) | \$ Traded<br>(CAD M) | Net C/R<br>(CAD M) | Net C/R<br>(% of AUM) |
|--------|---------------------------------------|---------------------|------------------------|----------------------|--------------------|-----------------------|
| ZEB    | BMO Equal Weight Banks Index ETF      | 0.5%                | 7.1%                   | 562.7                | 161.7              | 4.7%                  |
| XIC    | iShares Core S&P/TSX Capped Comp      | -0.4%               | 5.7%                   | 347.6                | 138.9              | 1.3%                  |
| VFV    | Vanguard S&P 500 Index ETF            | 1.4%                | 0.9%                   | 298.6                | 106.2              | 1.0%                  |
| ZSP    | BMO S&P 500 Index ETF                 | 1.4%                | 1.1%                   | 504.6                | 63.5               | 0.5%                  |
| CASH   | Horizons High Interest Savings ETF    | 0.1%                | 0.2%                   | 263.8                | 57.6               | 1.3%                  |
| XEQT   | iShares Core Equity ETF Portfolio     | -                   | 0.5%                   | 91.7                 | 49.9               | 2.1%                  |
| CMR    | iShares Premium Money Market ETF      | 0.1%                | 0.0%                   | 73.4                 | 45.1               | 6.5%                  |
| BTCC/B | Purpose Bitcoin ETF                   | -4.3%               | 8.9%                   | 107.6                | -89.1              | -8.5%                 |
| BTCX/B | CI Galaxy Bitcoin ETF                 | -4.3%               | 0.5%                   | 116.8                | -88.2              | -17.1%                |
| HXT    | Horizon S&P/TSX 60 Index ETF          | -0.2%               | 0.9%                   | 101.3                | -64.3              | -1.7%                 |
| VCN    | Vanguard FTSE Canada All Cap Index    | -0.3%               | 0.0%                   | 134.9                | -56.8              | -0.9%                 |
| MGB    | Mackenzie Core Plus Global Fixed Inco | -1.0%               | 0.0%                   | 57.8                 | -56.1              | -32.7%                |
| PSA    | Purpose High Interest Savings Fund    | 0.1%                | 0.0%                   | 211.8                | -52.6              | -1.3%                 |
| XIU    | iShares S&P/TSX 60 Index ETF          | -0.2%               | 10.2%                  | 1,150.4              | -43.8              | -0.4%                 |

#### HISTORICAL CREATIONS/REDEMPTIONS BY ASSET CLASS

Strong buying of equity ETFs power weekly flows, even as crypto ETFs were sold at fastest pace since March



# LAST WEEK'S MOST ACTIVE ETFS

Investors traded C\$12.6B last week, led by Cdn & US equities and banks (XIU, ZEB, ZSP)

| Ticker | Name                                | Returns<br>(1-Week) | Short Int<br>(% of SO) | B/A Spread<br>(bps) | \$ Traded<br>(CAD M) | \$ Traded<br>vs CR/RD |
|--------|-------------------------------------|---------------------|------------------------|---------------------|----------------------|-----------------------|
| XIU    | iShares S&P/TSX 60 Index ETF        | -0.2%               | 10.2%                  | 1.3                 | 1,150.4              | 26.3 x                |
| ZEB    | BMO Equal Weight Banks Index ETF    | 0.5%                | 7.1%                   | 1.7                 | 562.7                | 3.5 x                 |
| ZSP    | BMO S&P 500 Index ETF               | 1.4%                | 1.1%                   | 3.3                 | 504.6                | 7.9 x                 |
| HNU    | BetaPro Natural Gas Leveraged Daily | -28.7%              | 5.6%                   | 1.9                 | 367.3                | 184.9 x               |
| XIC    | iShares Core S&P/TSX Capped Comp    | -0.4%               | 5.7%                   | 1.9                 | 347.6                | 2.5 x                 |
| HND    | BetaPro Natural Gas Inverse Le      | 34.8%               | 8.1%                   | 18.0                | 312.9                | 31.8 x                |
| VFV    | Vanguard S&P 500 Index ETF          | 1.4%                | 0.9%                   | 3.8                 | 298.6                | 2.8 x                 |
| CASH   | Horizons High Interest Savings ETF  | 0.1%                | 0.2%                   | 1.1                 | 263.8                | 4.6 x                 |
| PSA    | Purpose High Interest Savings Fund  | 0.1%                | 0.0%                   | 1.1                 | 211.8                | 4 x                   |
| XSP    | iShares Core S&P 500 Index ETF CAD  | 1.2%                | 0.1%                   | 2.4                 | 181.8                | 10.3 x                |
| XEG    | iShares S&P/TSX Capped Energy Ind€  | -4.3%               | 10.9%                  | 1.4                 | 181.3                | 109.2 x               |
| XBB    | iShares Core Canadian Universe Bond | -1.6%               | 0.1%                   | 1.6                 | 178.3                | 4.6 x                 |
| ZAG    | BMO Aggregate Bond Index ETF        | -1.8%               | 0.1%                   | 1.4                 | 142.8                | 7.6 x                 |
| VCN    | Vanguard FTSE Canada All Cap Index  | -0.3%               | 0.0%                   | 2.0                 | 134.9                | 2.4 x                 |

#### **EQUITY FUND FLOWS**

# Last Week's Net Creations/Redemptions by Strategy & Sector

Investors bought financials (C\$189M/+1.3%) and blend (C\$855M/+0.5%)

|                  | \$ Traded | Short Int | AUM     | 1-Week C/R | N      | Net C/R (% AUM) |        |  |
|------------------|-----------|-----------|---------|------------|--------|-----------------|--------|--|
|                  | (CAD M)   | (% of SO) | (CAD M) | (CAD M)    | 1-Week | 1-Month         | 1-Year |  |
| Blend            | 5,583.5   | 1.6%      | 190,422 | 854.9      | 0.5%   | 1.4%            | 8.5%   |  |
| Value            | 113.8     | 0.2%      | 6,047   | 19.1       | 0.3%   | 0.6%            | 2.1%   |  |
| Leverage/Inverse | 312.6     | 0.0%      | 684     | 2.1        | 0.3%   | 0.3%            | -23.8% |  |
| Multi-Factor     | 20.1      | 0.0%      | 2,143   | 1.0        | 0.0%   | -0.2%           | -1.7%  |  |
| Low Volatility   | 83.3      | 0.0%      | 5,754   | 2.2        | 0.0%   | -0.1%           | 5.5%   |  |
| Dividend/Income  | 389.7     | 0.3%      | 16,245  | 4.2        | 0.0%   | 1.0%            | 19.5%  |  |
| Momentum         | 0.4       | 0.0%      | 54      | -          | -      | -               | -17.1% |  |
| Growth           | 742.5     | 0.3%      | 35,894  | -118.5     | -0.3%  | 0.4%            | -0.8%  |  |
| ESG/SRI          | 75.0      | 0.0%      | 6,958   | -25.8      | -0.4%  | 0.6%            | 63.8%  |  |
| Total            | 7,320.8   | 1.1%      | 264,200 | 739.1      | 0.3%   | 1.1%            | 8.3%   |  |
| Preferreds       | 154.2     | 1.3%      | 6,134   | -2.8       | -0.0%  | -0.5%           | -5.2%  |  |
|                  |           |           |         |            |        |                 |        |  |

|                     | \$ Traded | Short Int | AUM     | 1-Week C/R | Net C/R (% AUM) |         |        |
|---------------------|-----------|-----------|---------|------------|-----------------|---------|--------|
|                     | (CAD M)   | (% of SO) | (CAD M) | (CAD M)    | 1-Week          | 1-Month | 1-Year |
| Financials          | 776.0     | 1.2%      | 14,432  | 189.5      | 1.3%            | 1.1%    | 20.6%  |
| Cons. Discretionary | -         | 0.0%      | 375     | 3.6        | 1.0%            | 3.5%    | 34.8%  |
| Materials           | 154.3     | 1.0%      | 1,955   | 19.6       | 1.0%            | 1.3%    | -5.7%  |
| Energy              | 249.5     | 4.7%      | 3,694   | 22.4       | 0.6%            | -0.1%   | -10.2% |
| Info Tech           | 118.1     | 0.3%      | 5,202   | 19.4       | 0.4%            | 1.1%    | 23.2%  |
| Utilities           | 113.8     | 0.6%      | 2,866   | 2.8        | 0.1%            | 1.6%    | 17.7%  |
| Communications      | 1.5       | 0.4%      | 36      | -          | -               | -       | 43.3%  |
| Consumer Staples    | 5.9       | 0.4%      | 250     | -          | -               | -1.4%   | 0.2%   |
| Thematic            | 122.8     | 0.1%      | 13,517  | -1.6       | -0.0%           | 0.6%    | 44.7%  |
| Health Care         | 56.6      | 0.2%      | 3,240   | -6.2       | -0.2%           | -0.9%   | 8.8%   |
| Real Estate         | 99.4      | 0.8%      | 2,993   | -7.9       | -0.3%           | -1.2%   | -1.2%  |
| Industrials         | 2.4       | 1.1%      | 147     | -0.7       | -0.5%           | 2.8%    | 0.4%   |
| Sector Subtotal     | 1,700.5   | 1.1%      | 48,708  | 240.9      | 0.4%            | 1.1%    | 8.1%   |

# Last Week's Net Creations/Redemptions by Geography

Investors poured cash into most regions except Developed Markets

|                      | \$ Traded | Short Int | AUM     | 1-Week C/R |      | Net C/R (% AUM) |         |        |
|----------------------|-----------|-----------|---------|------------|------|-----------------|---------|--------|
|                      | (CAD M)   | (% of SO) | (CAD M) | (CAD M)    | 1-We | eek             | 1-Month | 1-Year |
| United States        | 2,412.1   | 0.3%      | 94,195  | 390.1      |      | 0.4%            | 1.7%    | 3.7%   |
| Global/International | 1,022.0   | 0.3%      | 63,211  | 257.2      |      | 0.4%            | 1.5%    | 10.0%  |
| EM Regional/Country  | 31.5      | 0.0%      | 3,518   | 10.9       |      | 0.3%            | 2.0%    | 245.4% |
| Canada               | 3,525.3   | 2.6%      | 88,038  | 135.5      |      | 0.2%            | 0.5%    | 8.3%   |
| DM Regional/Country  | 317.6     | 0.2%      | 15,238  | -54.7      | -    | 0.4%            | 0.1%    | 8.4%   |
| Total                | 7,308.5   | 1.1%      | 264,200 | 739.1      |      | 0.3%            | 1.1%    | 8.3%   |

# FIXED INCOME, CURRENCIES AND COMMODITIES FUND FLOWS

# Last Week's Net Creations/Redemptions by Strategy & Term/Rating

Investors bought target date, govies, IG-rated, and ultra-short & long-term maturities

|                     | \$ Traded | Short Int | AUM     | 1-Week C/R | Net C/R (% AUM) |         |        |
|---------------------|-----------|-----------|---------|------------|-----------------|---------|--------|
|                     | (CAD M)   | (% of SO) | (CAD M) | (CAD M)    | 1-Week          | 1-Month | 1-Year |
| Target Date         | 49.7      | 0.3%      | 1,408   | 27.1       | 2.0%            | 6.2%    | 193.7% |
| Government          | 479.9     | 0.2%      | 18,473  | 85.5       | 0.5%            | -0.5%   | 31.8%  |
| Corporate           | 481.7     | 0.8%      | 23,461  | 36.6       | 0.2%            | 1.4%    | 5.6%   |
| Aggregate           | 2276.4    | 0.2%      | 55,098  | 23.3       | 0.0%            | 1.2%    | 26.5%  |
| Bank Loans          | 6.6       | 0.1%      | 978     | 0.2        | 0.0%            | -0.8%   | -9.0%  |
| Inflation Protected | 15.4      | 0.1%      | 753     | -1.2       | -0.2%           | -5.5%   | -15.0% |
| Convertible         | 2.0       | 0.0%      | 143     | -0.8       | -0.6%           | -1.9%   | -10.0% |
| FI Subtotal         | 3,311.7   | 0.4%      | 100,314 | 170.8      | 0.2%            | 0.8%    | 19.6%  |
| Cash/Currency       | 975.2     | 0.3%      | 23,211  | -2.6       | -0.0%           | 1.7%    | 38.0%  |
| Commodity           | 894.9     | 1.0%      | 2,576   | -16.6      | -0.6%           | -3.6%   | -6.2%  |
| FICC Total          | 5,181.8   |           | 126,100 | 151.6      | 0.1%            |         |        |

|                  | \$ Traded | Short Int | AUM     | 1-Week C/R | Ne     | )       |        |
|------------------|-----------|-----------|---------|------------|--------|---------|--------|
|                  | (CAD M)   | (% of SO) | (CAD M) | (CAD M)    | 1-Week | 1-Month | 1-Year |
| IG A or Higher   | 1365.3    | 0.2%      | 52,407  | 97.1       | 0.2%   | 0.4%    | 20.3%  |
| IG BBB or higher | 933.6     | 0.6%      | 39,969  | 69.8       | 0.2%   | 1.6%    | 17.2%  |
| High Yield       | 120.7     | 0.1%      | 7,938   | 3.9        | 0.0%   | 0.1%    | 27.8%  |
| FI Total         | 2,419.5   | 0.4%      | 100,314 | 170.8      | 0.2%   | 0.8%    | 19.6%  |

|              | \$ Traded | Short Int | AUM     | 1-Week C/R | Net C/R (% AUM) |         |        |
|--------------|-----------|-----------|---------|------------|-----------------|---------|--------|
|              | (CAD M)   | (% of SO) | (CAD M) | (CAD M)    | 1-Week          | 1-Month | 1-Year |
| Ultra Short  | 345.6     | 0.6%      | 5,470   | 111.8      | 2.1%            | 8.4%    | 130.6% |
| Long-Term    | 252.1     | 0.3%      | 10,720  | 65.1       | 0.6%            | 2.0%    | 56.7%  |
| Mixed        | 1060.4    | 0.5%      | 53,798  | 58.0       | 0.1%            | 0.9%    | 20.6%  |
| Intermediate | 385.1     | 0.1%      | 15,639  | -29.9      | -0.2%           | -0.6%   | 14.1%  |
| Short-Term   | 376.4     | 0.2%      | 14,687  | -34.1      | -0.2%           | -1.3%   | -10.9% |
| FI Total     | 2,419.5   | 0.4%      | 100,314 | 170.8      | 0.2%            | 0.8%    | 19.6%  |

# **Last Week's Net Commodity-Linked Creations/Redemptions** Selling of energy accelerated last week, with gold also seeing exits

|                        | \$ Traded | Short Int | AUM     | 1-Week C/R | Net C/R (% AUM) |         |        |
|------------------------|-----------|-----------|---------|------------|-----------------|---------|--------|
|                        | (CAD M)   | (% of SO) | (CAD M) | (CAD M)    | 1-Week          | 1-Month | 1-Year |
| Natural Gas            | 680.7     | 5.4%      | 190     | -7.8       | -3.4%           | -12.5%  | 22.8%  |
| Crude Oil              | 177.1     | 1.3%      | 187     | -8.5       | -4.4%           | -14.9%  | -15.4% |
| <b>Energy Subtotal</b> | 857.7     | 3.5%      | 377     | -16.4      | -3.8%           | -13.8%  | 5.4%   |
| Silver                 | 15.4      | 0.5%      | 297     | 0.7        | 0.2%            | -1.0%   | -9.9%  |
| Gold                   | 21.4      | 0.1%      | 1,779   | -1.4       | -0.1%           | -1.9%   | -10.1% |
| Broad Based            | 0.3       | 0.3%      | 122     | 0.5        | 0.4%            | -2.6%   | 25.2%  |
| Commodity Total        | 894.9     | 1.0%      | 2,576   | -16.6      | -0.6%           | -3.6%   | -6.2%  |

### **CRYPTOCURRENCY FUND FLOWS**

#### Last Week's Net Creations/Redemptions by Strategy

Heavy outflows out of bitcoin ETFs continue – are investors fleeing to US products?

|              | \$ Traded | Short Int | AUM     | 1-Week C/R | Ne     | )       |        |
|--------------|-----------|-----------|---------|------------|--------|---------|--------|
|              | (CAD M)   | (% of SO) | (CAD M) | (CAD M)    | 1-Week | 1-Month | 1-Year |
| Multi-Crypto | 1.4       | 0.2%      | 44      | -0.7       | -1.5%  | -1.3%   | -8.6%  |
| Ether        | 78.8      | 1.7%      | 1,233   | -19.7      | -1.5%  | 4.5%    | 12.0%  |
| Bitcoin      | 403.7     | 3.9%      | 3,185   | -224.2     | -6.3%  | -10.2%  | 39.5%  |
| Total        | 483.8     | 3.3%      | 4,462   | -244.6     | -5.0%  | -6.9%   | 29.6%  |

# Last Week's Net Creations/Redemptions by Provider

Crypto ETFs from CI, Purpose, and 3iQ saw the largest outflows (as % of AuM)

|          | # of Crypto | AUM     | Market | Net C/R | Net C/R (% AUM) |       |         |        |
|----------|-------------|---------|--------|---------|-----------------|-------|---------|--------|
|          | ETFs        | (CAD M) | Share  | (CAD M) | 1-V             | Veek  | 1-Month | 1-Year |
| Purpose  | 13          | 2,316   | 51.9%  | -137.3  |                 | -5.4% | -5.3%   | 55.1%  |
| CIETFs   | 6           | 1,468   | 32.9%  | -111.2  |                 | -6.8% | -8.2%   | 40.9%  |
| 3iQ      | 2           | 222     | 5.0%   | -7.6    |                 | -3.2% | -17.7%  | -68.2% |
| Evolve   | 6           | 219     | 4.9%   | -6.9    |                 | -2.8% | -18.1%  | -17.0% |
| Fidelity | 3           | 216     | 4.8%   | 17.9    |                 | 8.6%  | 13.1%   | 251.9% |
| Horizons | 1           | 21      | 0.5%   | 0.4     |                 | 2.1%  | -1.6%   | 11.2%  |
| Total    | 31          | 4,462   | 100.0% | -244.6  |                 | -5.0% | -6.9%   | 29.6%  |

#### **ACTIVE STRATEGIES FUND FLOWS**

#### Last Week's Net Creations/Redemptions by Strategy

Most active strategies attract investors' cash, while favouring true active

|                     | \$ Traded | Short Int | AUM     | 1-Week C/R | Net C/R (% AUM) |         | )      |
|---------------------|-----------|-----------|---------|------------|-----------------|---------|--------|
|                     | (CAD M)   | (% of SO) | (CAD M) | (CAD M)    | 1-Week          | 1-Month | 1-Year |
| Factor/Multi-Factor | 107.9     | 0.1%      | 6,804   | 64.6       | 1.0%            | 2.1%    | 7.3%   |
| Dividend/Income     | 279.5     | 0.2%      | 10,873  | 73.2       | 0.7%            | 2.4%    | 28.9%  |
| Mixed Allocation    | 316.9     | 0.2%      | 13,849  | 75.8       | 0.5%            | 2.9%    | 18.6%  |
| True Active         | 1,669.4   | 0.2%      | 74,684  | 142.3      | 0.2%            | 1.0%    | 19.0%  |
| Proprietary         | 34.9      | 0.2%      | 2,740   | -4.7       | -0.2%           | -0.5%   | -14.3% |
| Smart Beta          | 46.7      | 0.1%      | 661     | -35.7      | -5.1%           | -6.7%   | -50.5% |
| Total               | 2,455.2   | 0.2%      | 109,612 | 315.6      | 0.3%            | 0.3%    | 15.8%  |

# Last Week's Net Creations/Redemptions by Asset Class

Within active, fixed income and equity ETFs were broadly bought

|                       | \$ 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 |
| Mixed Allocation      | 307.8     | 0.1%      | 15,215  | 65.4    | 0.4%            | 2.2%    | 18.1%  |
| Commodity             | 1.2       | 0.2%      | 183     | 0.7     | 0.4%            | -2.3%   | 7.8%   |
| Fixed Income          | 930.2     | 0.2%      | 33,991  | 95.8    | 0.3%            | 2.0%    | 22.8%  |
| Equity                | 1,120.7   | 0.2%      | 56,735  | 155.9   | 0.3%            | 1.0%    | 13.5%  |
| Specialty/Alternative | 95.3      | 0.3%      | 3,488   | -2.2    | -0.1%           | -1.4%   | 17.0%  |
| Total                 | 2,455.2   | 0.2%      | 109,612 | 315.6   | 0.3%            | 0.3%    | 15.8%  |

# **ESG-FOCUSED FUND FLOWS**

# Last Week's Net Creations/Redemptions by ESG Attribute

Retail-like activity evident in ESG ETFs with flows across various funds

|                      | \$ Traded | Short Int | AUM     | 1-Week C/R | Net C/R (% AUM) |         | )      |
|----------------------|-----------|-----------|---------|------------|-----------------|---------|--------|
|                      | (CAD M)   | (% of SO) | (CAD M) | (CAD M)    | 1-Week          | 1-Month | 1-Year |
| Clean Energy         | 5.1       | 0.3%      | 110     | 1.0        | 0.9%            | 0.8%    | -3.8%  |
| Socially Responsible | 12.6      | 0.1%      | 1,282   | 6.0        | 0.5%            | 1.9%    | 7.7%   |
| Broad ESG            | 57.7      | 0.1%      | 13,193  | 13.7       | 0.1%            | 1.1%    | 66.7%  |
| Env. Friendly        | 6.8       | 0.1%      | 1,414   | 0.4        | 0.0%            | 1.0%    | -6.7%  |
| Climate Change       | 0.9       | 0.2%      | 121     | -          | -               | -2.4%   | -12.0% |
| Total                | 83.1      | 0.1%      | 16,119  | 21.1       | 0.1%            | 0.5%    | 10.4%  |

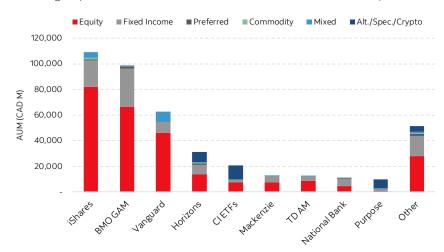
#### **PROVIDER MARKET SHARE**

40 Providers have total AuM of C\$419B (+18% YoY)

|                       | # of AUM |         | Market | Net C/R (% AUM) |         |        |
|-----------------------|----------|---------|--------|-----------------|---------|--------|
| Providers             | ETFs     | (CAD M) | Share  | 1-Week          | 1-Month | 1-Year |
| iShares               | 161      | 109,095 | 26.0%  | 0.2%            | 0.6%    | 8.5%   |
| BMO GAM               | 188      | 98,422  | 23.5%  | 0.4%            | 0.6%    | 4.6%   |
| Vanguard              | 37       | 62,617  | 14.9%  | 0.2%            | 1.6%    | 11.6%  |
| Horizons              | 125      | 31,021  | 7.4%   | 0.1%            | 2.5%    | 24.2%  |
| CIETFs                | 139      | 20,844  | 5.0%   | -0.6%           | -1.7%   | 19.3%  |
| Mackenzie             | 52       | 12,846  | 3.1%   | -0.8%           | -0.4%   | -3.8%  |
| TD AM                 | 47       | 12,298  | 2.9%   | 0.8%            | 2.4%    | 26.3%  |
| National Bank         | 15       | 10,979  | 2.6%   | 0.1%            | 0.0%    | 58.9%  |
| Purpose               | 73       | 9,798   | 2.3%   | -1.4%           | -1.1%   | 20.4%  |
| RBC GAM               | 49       | 6,242   | 1.5%   | 0.8%            | 3.2%    | 53.9%  |
| Fidelity              | 43       | 5,952   | 1.4%   | 2.0%            | 5.6%    | 64.7%  |
| Invesco               | 59       | 5,731   | 1.4%   | 0.3%            | 2.1%    | 19.3%  |
| 1832 Asset Management | 30       | 4,272   | 1.0%   | 0.1%            | 1.2%    | 13.1%  |
| Harvest Portfolios    | 33       | 3,825   | 0.9%   | 0.4%            | 1.1%    | 23.1%  |
| Other (26)            | 306      | 25,203  | 6.0%   | 0.3%            | 2.2%    | 16.4%  |
| Total                 | 1,357    | 419,143 | 100.0% | 0.2%            | 1.0%    | 12.6%  |

# **ASSET MIX BY PROVIDER**

The five largest providers account for ~77% of the ETF Canadian landscape



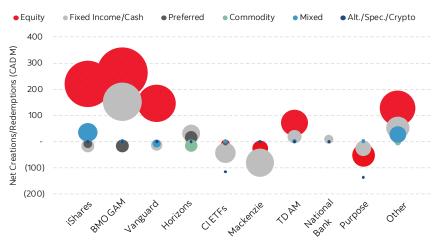
#### LAST WEEK'S LARGEST NET CREATIONS/REDEMPTIONS BY PROVIDER

Tralucent and Forstrong gathered the most assets (as % AUM) last week

|                     | Average<br>Fund Size | AUM      | Net C/R | Net C/R (% AUM) |         |        |
|---------------------|----------------------|----------|---------|-----------------|---------|--------|
| Providers           | (CAD M)              | (CAD M)  | (CAD M) | 1-Week          | 1-Month | 1-Year |
| Tralucent ETFs      | 3.2                  | 3.2      | 0.9     | 38.3%           | 75.8%   | N/A    |
| Forstrong ETFs      | 10.0                 | 39.9     | 1.0     | 2.4%            | 3.7%    | N/A    |
| Fidelity            | 138.4                | 5,951.6  | 117.7   | 2.0%            | 5.6%    | 64.7%  |
| Arrow Capital       | 14.0                 | 56.1     | 1.0     | 1.9%            | 5.1%    | 37.0%  |
| PIMCO               | 345.3                | 2,416.8  | 33.6    | 1.4%            | 4.9%    | 13.3%  |
| Brompton            | 45.0                 | 719.3    | 9.3     | 1.3%            | 3.3%    | 28.2%  |
| Hamilton Capital    | 235.7                | 3,771.2  | 45.7    | 1.2%            | 4.4%    | 94.9%  |
| RBC GAM             | 127.4                | 6,242.0  | 48.4    | 0.8%            | 3.2%    | 53.9%  |
| 3iQ                 | 110.8                | 221.6    | -7.6    | -3.2%           | -17.7%  | -68.2% |
| IA Clarington       | 15.9                 | 127.4    | -3.2    | -2.4%           | -1.5%   | 4.5%   |
| Purpose             | 134.2                | 9,797.7  | -212.4  | -1.4%           | -1.1%   | 20.4%  |
| AGF Investments     | 89.1                 | 1,069.4  | -11.7   | -1.1%           | -0.5%   | -10.3% |
| Mackenzie           | 247.0                | 12,845.6 | -105.1  | -0.8%           | -0.4%   | -3.8%  |
| CIETFs              | 150.0                | 20,843.6 | -164.9  | -0.6%           | -1.7%   | 19.3%  |
| Royal Canadian Mint | 293.3                | 586.7    | -3.3    | -0.6%           | -0.6%   | -1.1%  |
| Franklin Liberty    | 74.8                 | 1,420.4  | -4.3    | -0.3%           | 1.5%    | -0.1%  |

# WEEKLY CREATIONS/REDEMPTIONS BY ASSET CLASS

The three largest Cdn ETF issuers easily dominated equity creations



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