

April 2024: Crown slipping from Cash Alternative ETFs

- \$5.3 billion was created in April, bringing total inflows to \$19 billion for 2024 so far
- Equity grabbed the lion's share of inflows with \$4 billion created; more than half went to the U.S. region
- Fixed Income ETFs enjoyed \$868 million net flows, even though Money Market ETFs show diverging trends
- 30 new ETFs were introduced, a near-record number because of two new target maturity bond ETF suites

Summary: April registered another strong month of inflows for Canadian ETFs at \$5.3 billion, spread across all asset classes except for crypto ETFs; these continued to lose assets to headline-grabbing U.S. “physical” bitcoin ETFs (although the pace of the bleed has slowed down). ETF investors in Canada continue to allocate to equities, which still accounts for the bulk of total inflows at \$4 billion created in April, half of which flowed into U.S. equities. Fixed Income ETF inflows have been quite stable and saw \$868 million in net flows. The Money Market ETF category suffered its largest monthly outflow at \$865 million.

Flows by Asset Class, Category and Product: (Table 1 & Tables 4 - 11)

Inflows into Equities settled at \$4 billion strong, with the U.S. leading the pack at \$2.1 billion, especially ETFs tracking the S&P 500 Index (VFV, XSP, ZSP). Notably, both VFV and ZSP have over \$13 billion in assets under management (unadjusted) and they surpassed XIU as the largest ETFs in Canada earlier this year. Emerging Markets had a glimmer of interest in prior months, but the shine faded in April with net outflows of \$142 million (XSEM, QEM). Canadian equity inflows concentrated in the Financials sector (ZEB) and relatively new low-cost index tracking broad Canada ETFs (DMEC, CCEI). “All-equity” asset allocation ETFs (XEQT, VEQT) were on auto-pilot asset-gathering mode once again. These two ETFs did not have even one day of outflows in April.

Fixed Income ETFs experienced \$868 million in creations. Their net inflow is impressive when considered with the fact that investors switched out of the “money market” cash-like ETF category *en masse* in April. This umbrella category includes both “high interest savings” ETFs like PSA and other ETFs that hold more traditional money market securities like T-bills (e.g., CBIL). One interesting trend we

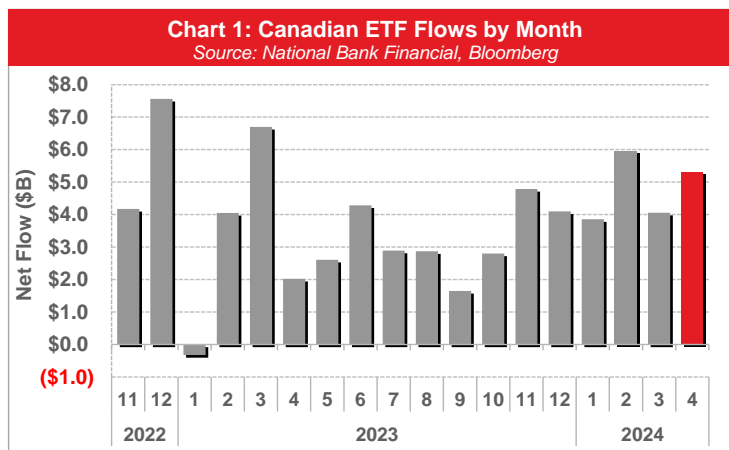
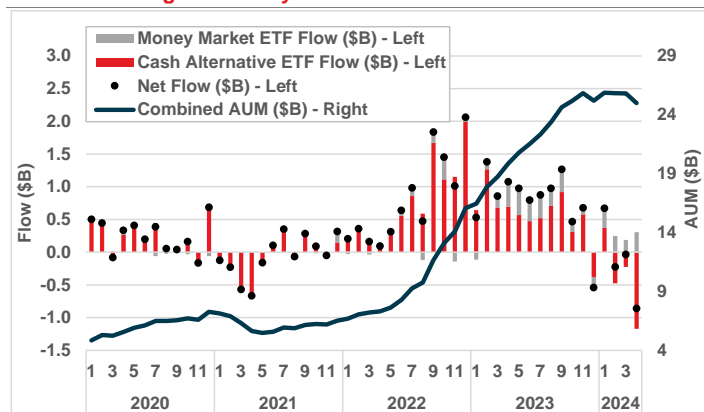


Table 1 - ETF Flows by Category - YTD April 2024

	AUM (\$M)	Mkt Shr (%)	April 2024		YTD April 2024	
			Flow \$M	Flow/AUM	Flow \$M	Flow/AUM
Equity	\$260,405		\$4,036	1.5%	\$14,257	5.6%
Canada	\$84,009	20%	\$831	1.0%	\$976	1.1%
United States	\$96,327	23%	\$2,133	2.2%	\$8,079	8.9%
International	\$80,068	19%	\$1,072	1.3%	\$5,202	6.6%
Fixed Income	\$121,726	29%	\$868	0.7%	\$3,715	2.9%
Commodities	\$1,819	0%	\$52	3.1%	\$4	0.2%
Multi-Asset	\$21,504	5%	\$326	1.5%	\$1,482	7.6%
Inverse / Levered	\$4,238	1%	\$72	1.7%	\$450	11.6%
Crypto-Asset	\$5,641	1%	-\$46	-0.7%	-\$730	-15.5%
Total	\$415,333	100%	\$5,308	1.3%	\$19,177	4.6%

*Equity Flows include option strategies;
Source: National Bank of Canada, Bloomberg

Chart 2: The largest monthly outflow from Cash Alternative ETFs



Source: NBF ETF Research, Bloomberg. Data as of April 30, 2024.

observed was the flow-divergence between money market securities ETFs (CBIL) and cash-alternative “saving” ETFs (PSA, CSAV, HISA, PSU/U). ETFs holding Money market securities saw inflows all year so far, while cash alternative ETFs suffered outflows in the past three months. A slight differential in distribution yield could be one of the factors impacting the flow trends. Ever since the deposit-based “savings” ETFs saw their yields decline by 30-50 bps following OSFI’s decision ([report link: Review of Cash Alternative and Money Market ETFs in Canada](#)), traditional money-market ETFs have displayed competitive yields and flows have followed suit. Canadian aggregate bond (ZAG, XBB), Ultra-short term (ZST), short-term (VSB) and Canada corporate bond (DCBC) might have also caught some of the money switching out of cash alternative ETFs. Long-term bond (ZFL, TULB) ETFs had outflows; typically, these products attract assets when investors are forecasting rate cuts and troubling economic times ahead, but U.S. economic resilience sent the yield curve higher in April. The outflows suggest that long-bond ETF investors may be capitulating to a pervading sense of market bullishness.

Crypto-Asset ETFs (ETHX/B) continued to suffer outflows, albeit at a slower pace of \$46 million in April. The frenzy toward U.S. spot bitcoin ETFs may also be cooling as risk assets sold off and the price of bitcoin pulled back from historical highs.

Flows by Provider and New Launches (Tables 2, 3):

Several ETF providers saw outflows in April because a few concentrated products fell out of favour in April (such as cash alternative ETFs or crypto-asset ETFs). Global X completed its rebranding from Horizons ETFs on May 1, which the firm previously announced in March. Other than the BetaPro family of products, all of the former Horizons ETFs now reflect the Global X brand.

April marked the entrance of 30 new ETFs in Canada, the highest monthly figure so far this year. One reason for the surge of launches is that both RBC and TD introduced new suites of Target maturity bond ETFs, consisting of many products for each

calendar year going several years into the future.

Buffer ETFs, building-block broad-based ETFs and covered call ETFs also came to market in April.

Provider	New Methodology (adjusted for ETF-of-ETFs)			Unadjusted		
	AUM (\$M)	Mkt Shr (%)	April 2024 Flow (\$M) / Flow/AUM	AUM (\$M)	April 2024 Flow (\$M)	Flow/AUM
1 RBC iShares	\$116,178	28.0%	\$794 1%	\$124,654	\$986	
2 BMO	\$93,289	22.0%	\$1,929 2%	\$103,664	\$1,977	
3 Vanguard	\$56,849	14.0%	\$1,290 2%	\$70,058	\$1,580	
4 Global X*	\$30,774	7.0%	\$225 1%	\$31,816	\$281	
5 CI GAM	\$20,631	5.0%	-\$544 -3%	\$20,693	-\$541	
6 TDAM	\$14,235	3.0%	\$409 3%	\$14,487	\$431	
7 Mackenzie**	\$13,310	3.0%	\$46 0%	\$13,620	\$52	
8 NBI	\$11,787	3.0%	\$106 1%	\$11,787	\$106	
9 Purpose	\$9,470	2.0%	-\$682 -6%	\$9,882	-\$683	
10 Fidelity	\$7,414	2.0%	\$476 7%	\$8,413	\$571	
11 Invesco	\$6,449	2.0%	\$7 0%	\$6,475	\$7	
12 Harvest	\$3,504	1.0%	\$40 1%	\$3,995	\$57	
13 CIBC	\$3,381	1.0%	\$223 7%	\$3,404	\$223	
14 Evolve Funds	\$3,295	1.0%	-\$62 -2%	\$3,357	-\$63	
15 Hamilton	\$3,239	1.0%	\$103 3%	\$4,658	\$115	
16 Manulife	\$3,163	1.0%	\$1 0%	\$3,163	\$1	
17 Dynamic	\$3,125	1.0%	\$141 5%	\$3,125	\$141	
18 Desjardins	\$3,010	1.0%	\$702 30%	\$3,010	\$702	
19 PIMCO	\$2,605	1.0%	\$32 1%	\$2,605	\$32	
20 Scotia Bank	\$2,465	1.0%	\$76 3%	\$2,465	\$76	
21 Franklin Templeton	\$1,524	0.0%	\$23 2%	\$1,524	\$23	
22 AGF	\$933	0.0%	-\$119 -11%	\$933	-\$119	
23 Picton Mahoney	\$768	0.0%	\$8 1%	\$768	\$8	
24 Brompton Funds	\$681	0.0%	\$19 3%	\$797	\$21	
25 Ninepoint Partners	\$615	0.0%	-\$12 -2%	\$615	-\$12	
26 Middlefield	\$488	0.0%	-\$1 0%	\$488	-\$1	
27 First Trust	\$436	0.0%	\$11 3%	\$447	\$12	
28 Bristol Gate	\$422	0.0%	\$0 0%	\$422	\$0	
29 Guardian Capital	\$382	0.0%	\$6 2%	\$386	\$6	
30 3iQ	\$354	0.0%	\$54 15%	\$354	\$54	
31 IA Clarington	\$119	0.0%	\$2 1%	\$119	\$2	
32 Mulvihill	\$108	0.0%	\$3 3%	\$108	\$3	
33 Lysander	\$88	0.0%	-\$1 -1%	\$88	-\$1	
34 Russell Investments	\$68	0.0%	-\$2 -2%	\$68	-\$2	
35 Arrow Capital	\$68	0.0%	\$6 9%	\$68	\$6	
36 Accelerate	\$64	0.0%	-\$3 -4%	\$69	-\$3	
37 Starlight	\$19	0.0%	\$0 0%	\$19	\$0	
38 Forstrong	\$14	0.0%	\$1 8%	\$14	\$1	
39 Tralucant	\$5	0.0%	\$0 6%	\$5	\$0	
40 Caldwell	\$5	0.0%	\$0 0%	\$5	\$0	
Total	\$415,333	100.0%	\$5,308 1.3%	\$452,628	\$6,049	

*Formerly branded as Horizons; **Includes Wealthsimple asset and flows. Source: NBF, Bloomberg.

Ticker	Name	Fee (%)
1 ZAPR	BMO US Equity Buffer Hedged to CAD ETF - April	0.65
2 RUQN**	RBC Target 2025 US Corporate Bond ETF	0.20
3 RUQO**	RBC Target 2026 US Corporate Bond ETF	0.20
4 RUQP**	RBC Target 2027 US Corporate Bond ETF	0.20
5 RUQQ**	RBC Target 2028 US Corporate Bond ETF	0.20
6 RUQR**	RBC Target 2029 US Corporate Bond ETF	0.20
7 RUQS**	RBC Target 2030 US Corporate Bond ETF	0.20
8 RQS	RBC Target 2030 Canadian Corp Bond Index ETF	0.20
9 RGQS	RBC Target 2030 Canadian Government Bond ETF	0.15
10 TBCE	TD Target 2025 Investment Grade Bond ETF	0.20
11 TBCF	TD Target 2026 Investment Grade Bond ETF	0.20
12 TBCG	TD Target 2027 Investment Grade Bond ETF	0.20
13 TBUE/U	TD Target 2025 US Investment Grade Bond ETF	0.20
14 TBUF/U	TD Target 2026 US Investment Grade Bond ETF	0.20
15 TBUG/U	TD Target 2027 US Investment Grade Bond ETF	0.20
16 FGOV	Franklin Canadian Government Bond Fund	0.15
17 DCBC	Desjardins Canadian Corporate Bond Index ETF	0.15
18 DMEI	Desjardins International Equity Index ETF	0.20
19 DMEU	Desjardins American Equity Index ETF	0.05
20 DMEC	Desjardins Canadian Equity Index ETF	0.05
21 HIND	Harvest Industrial Leaders Income ETF	0.75
22 HBIG	Harvest Balanced Income & Growth ETF	0*
23 HBIE	Harvest Balanced Income & Growth Enhanced ETF	0*
24 GIGC	Guardian Investment Grade Corporate Bond Fund	0.40

Source: NBF ETF Research, Provider

* These ETFs pay no direct management fees but are subject to indirect management fees from underlying ETFs and/or operating expenses such as cash leverage.

** Also offers USD units (.U)

Note: the tables below all use the adjusted flows calculation methodology (adjusted for ETF crossholdings)

Table 4 - Top Single Long ETF Inflows - April 2024

Ticker	Name	Flow (\$M)	Flow/AUM
1 ZEB	BMO Equal Weight Banks Index ETF	\$691	34%
2 VVF	Vanguard S&P 500 Index ETF	\$518	4%
3 ZST	BMO Ultra Short-Term Bond ETF	\$413	33%
4 XSP	iShares Core S&P 500 Index ETF CAD- Hedged	\$350	4%
5 DMEU	Desjardins American Equity Index ETF	\$339	NA
6 ZAG	BMO Aggregate Bond Index ETF	\$281	4%
7 ZSP	BMO S&P 500 Index ETF	\$270	3%
8 XEQT	iShares Core Equity ETF Portfolio	\$249	8%
9 VSB	Vanguard Canadian Short-Term Bond Index ETF	\$212	23%
10 DMEI	Desjardins International Equity Index ETF	\$198	NA
11 XBB	iShares Core Canadian Universe Bond Index ETF	\$185	3%
12 DMEC	Desjardins Canadian Equity Index ETF	\$170	NA
13 VEQT	Vanguard All-Equity ETF Portfolio	\$144	4%
14 CCEI	CIBC Canadian Equity Index ETF	\$128	29%
15 CBIL	Global X 0-3 Month T-Bill ETF	\$116	18%
16 DXQ	Dynamic Active Enhanced Yield Covered Options Etf	\$113	33%
17 DCBC	Desjardins Canadian Corporate Bond Index ETF	\$106	NA
18 ZEA	BMO MSCI EAFE Index ETF	\$102	2%
19 FBAL	Fidelity All-in-One Balanced ETF	\$101	13%
20 VGRO	Vanguard Growth ETF Portfolio	\$90	2%

Source: National Bank of Canada, Bloomberg;

Table 5 - Top Single Long ETF Outflows - April 2024

Ticker	Name	Flow (\$M)	Flow/AUM
1 PSA	Purpose High Interest Savings Fund	-\$672	-18%
2 CSAV	CI High Interest Savings ETF	-\$368	-5%
3 XIC	iShares Core S&P/TSX Capped Composite Index ETF	-\$363	-3%
4 ZFL	BMO Long Federal Bond Index ETF	-\$168	-5%
5 ETHX/B	CI Galaxy Ethereum ETF	-\$97	-13%
6 HISA	High Interest Savings Account Fund	-\$93	-7%
7 XCNS	iShares Core Conservative Balanced ETF Portfolio	-\$91	-32%
8 XSEM	iShares ESG Aware MSCI EM Index ETF	-\$79	-3%
9 PSU/U	Purpose US Cash Fund	-\$75	-11%
10 DRMD	Desjardins RI Developed ex-USA ex-Canada - Net-Zero	-\$72	-92%
11 TULB	TD US Long Term Treasury Bond ETF	-\$63	-49%
12 XCB	iShares Core Canadian Corporat	-\$62	-4%
13 DQD	CI WisdomTree U.S. Quality Div Growth Variably Hedge	-\$53	-98%
14 XSB	iShares Core Canadian Short Term Bond Index ETF	-\$50	-2%
15 QCD	AGF Systematic Canadian Equity	-\$47	-97%
16 ZPR	BMO Laddered Preferred Share Index ETF	-\$46	-3%
17 ESGY	BMO MSCI USA ESG Leaders Index ETF	-\$44	-2%
18 QEM	AGF Systematic Emerging Markets Equity ETF	-\$43	-87%
19 XUT	iShares S&P/TSX Capped Utilities Index ETF	-\$41	-12%
20 XMU	iShares MSCI Min Vol USA Index ETF	-\$38	-13%

Source: National Bank of Canada, Bloomberg;

Table 6 - ETF Flows by Category - April 2024

Asset Class	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Equity	\$260,405	63%	\$4,036	1.5%
Fixed Income	\$121,726	29%	\$868	0.7%
Commodities	\$1,819	0%	\$52	3.1%
Multi-Asset	\$21,504	5%	\$326	1.5%
Inverse / Levered	\$4,238	1%	\$72	1.7%
Crypto-Asset	\$5,641	1%	-\$46	-0.7%
Total	\$415,333	100%	\$5,308	1.3%

*Equity Flows include option strategies; Source: National Bank of Canada, Bloomberg

Table 7 - Equity ETF Flows by Geography - April 2024

Geography	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Canada	\$84,009	32%	\$831	1.0%
United States	\$96,327	37%	\$2,133	2.2%
DM: Broad	\$28,841	11%	\$383	1.3%
DM: Regional & Country	\$9,608	4%	\$37	0.4%
Emerging Markets	\$8,353	3%	-\$142	-1.7%
Global	\$33,267	13%	\$794	2.4%
Total	\$260,405	100%	\$4,036	1.5%

*Equity Flows include option strategies; Source: National Bank of Canada, Bloomberg

Table 8 - Equity ETF Flows by Sector* - April 2024

Sector	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Financials	\$11,425	36%	\$722	6.5%
Technology	\$4,610	15%	-\$23	-0.5%
Energy	\$3,498	11%	\$35	1.1%
Health Care	\$3,284	10%	-\$15	-0.4%
Real Estate	\$2,845	9%	\$21	0.7%
Utilities	\$2,689	9%	\$8	0.3%
Materials	\$2,493	8%	\$129	5.8%
Other	\$628	2%	-\$2	-0.4%
Total	\$31,471	100%	\$876	2.8%

*Includes all geo focuses and Covered Call Strategies; Source: NBF, Bloomberg

Table 9 - Equity ETF Flows by Focus - April 2024

Focus	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Cap-weighted	\$154,127	59%	\$2,475	1.6%
Dividend / Income	\$26,382	10%	\$323	1.2%
Factor: Low Vol	\$8,087	3%	\$6	0.1%
Factor: Multi-factor	\$3,939	2%	-\$90	-2.2%
Factor: Fundamental	\$6,059	2%	\$68	1.1%
Sector	\$31,471	12%	\$876	2.8%
Thematic	\$18,626	7%	-\$156	-0.8%
ESG**	\$13,048	5%	-\$147	-1.1%
Other	\$11,714	4%	\$534	4.7%
Total	\$260,405	100%	\$4,036	1.5%

*Equity Flows include option strategies; Source: National Bank of Canada, Bloomberg

** Only includes ESG ETFs under Thematic category

Table 10 - Fixed Income ETF Flows by Type - April 2024

Type	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Canada Aggregate	\$35,171	29%	\$892	2.5%
Canada Government	\$12,654	10%	-\$132	-1.0%
Canada Corporate	\$17,159	14%	\$674	4.1%
U.S. / North America	\$9,354	8%	\$139	1.5%
Foreign	\$12,174	10%	\$211	1.7%
Sub-Investment Grade	\$4,085	3%	\$12	0.3%
Preferred/Convertible	\$6,130	5%	-\$63	-1.0%
Money Market	\$24,999	21%	-\$865	-3.4%
Total	\$121,726	100%	\$868	0.7%

Source: National Bank of Canada, Bloomberg

Table 11 - Fixed Income ETF Flows by Maturity - April 2024

Maturity	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Broad/Mixed	\$57,392	47%	\$1,010	1.8%
Ultra Short Term	\$5,288	4%	\$397	8.1%
Short Term	\$15,106	12%	\$221	1.5%
Mid Term	\$6,141	5%	\$16	0.3%
Long Term	\$8,651	7%	-\$71	-0.8%
Real Return	\$1,035	1%	-\$32	-2.9%
Target Maturity	\$3,115	3%	\$193	6.6%
Money Market	\$24,999	21%	-\$865	-3.4%
Total	\$121,726	100%	\$868	0.7%

Source: National Bank of Canada, Bloomberg

YTD April 2024 Flows (Tables 12 - 19):

Ticker	Name	Flow (\$M)	Flow/AUM
1	VFV Vanguard S&P 500 Index ETF	\$2,038	20%
2	HXS Global X S&P 500 Index Corporate Class ETF	\$995	46%
3	XEQT iShares Core Equity ETF Portfolio	\$913	40%
4	SITU Scotia US Equity Index Tracker ETF	\$722	108%
5	CASH Global X High Interest Savings ETF	\$644	16%
6	ZST BMO Ultra Short-Term Bond ETF	\$587	54%
7	VEQT Vanguard All-Equity ETF Portfolio	\$584	18%
8	ZEI BMO MSCI EAFE Index ETF	\$568	9%
9	NSCB NBI Sustainable Canadian Bond ETF	\$485	21%
10	FBAL Fidelity All-in-One Balanced ETF	\$376	82%
11	XUS iShares Core S&P 500 Index ETF	\$372	7%
12	VGRO Vanguard Growth ETF Portfolio	\$343	8%
13	DMEU Desjardins American Equity Index ETF	\$339	NA
14	XSP iShares Core S&P 500 Index ETF CAD- Hedged	\$337	4%
15	TPU TD US Equity Index ETF	\$328	19%
16	ZMMK BMO Money Market Fund ETF Series	\$319	36%
17	CCEI CIBC Canadian Equity Index ETF	\$309	127%
18	XEF iShares Core MSCI EAFE IMI Index ETF	\$289	4%
19	EQL Invesco S&P 500 Equal Weighted Index ETF	\$275	50%
20	DCU Desjardins Canadian Universe Bond Index ETF	\$274	115%

Source: National Bank of Canada, Bloomberg

Ticker	Name	Flow (\$M)	Flow/AUM
1	HBB Global X Canadian Select Universe Bond Index	-\$1,259	-28%
2	CSAV CI High Interest Savings ETF	-\$1,255	-14%
3	PSA Purpose High Interest Savings Fund	-\$522	-14%
4	HTB Global X US 7-10 Year Treasury Bond Index	-\$489	-54%
5	XIU iShares S&P/TSX 60 Index ETF	-\$378	-3%
6	HISA High Interest Savings Account Fund	-\$348	-21%
7	BTCC/B Purpose Bitcoin ETF	-\$314	-31%
8	BTCC/U Purpose Bitcoin ETF	-\$261	-45%
9	XEG iShares S&P/TSX Capped Energy Index ETF	-\$189	-11%
10	BTCX/U CI Galaxy Bitcoin ETF	-\$170	-40%
11	ZCN BMO S&P/TSX Capped Composite Index ETF	-\$166	-2%
12	ZPR BMO Laddered Preferred Share Index ETF	-\$155	-10%
13	XSB iShares Core Canadian Short Term Bond Index ETF	-\$128	-6%
14	XCB iShares Core Canadian Corporat	-\$121	-7%
15	ESGY BMO MSCI USA ESG Leaders Index ETF	-\$119	-7%
16	ETHX/B CI Galaxy Ethereum ETF	-\$110	-23%
17	ZDB BMO Discount Bond Index ETF	-\$102	-11%
18	DRFC Desjardins RI Canada Multifactor - Net-Zero	-\$100	-33%
19	XIN iShares MSCI EAFE Index ETF CAD-Hedged	-\$99	-8%
20	CDZ iShares S&P/TSX Canadian Dividend Aristocrats Index ETF	-\$94	-10%

Source: National Bank of Canada, Bloomberg

Asset Class	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Equity	\$260,405	63%	\$14,257	6%
Fixed Income	\$121,726	29%	\$3,715	3%
Commodities	\$1,819	0%	\$4	0%
Multi-Asset	\$21,504	5%	\$1,482	8%
Inverse / Leveraged	\$4,238	1%	\$450	12%
Crypto-Asset	\$5,641	1%	-\$730	-16%
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Cap-weighted	\$154,127	59%	\$9,153	6%
Dividend / Income	\$26,382	10%	\$894	3%
Factor: Low Vol	\$8,087	3%	\$40	0.5%
Factor: Multi-factor	\$3,939	2%	\$312	9%
Factor: Fundamental	\$6,059	2%	\$486	9%
Sector	\$31,471	12%	\$746	2%
Thematic	\$18,626	7%	\$564	3%
ESG**	\$13,048	5%	\$341	3%
Other	\$11,714	4%	\$2,061	23%
Total	\$260,405	100%	\$14,257	5.6%

*Equity Flows include option strategies; Source: National Bank of Canada, Bloomberg

** Only includes ESG ETFs under Thematic category

Geography	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Canada	\$84,009	32%	\$976	1%
United States	\$96,327	37%	\$8,079	9%
DM: Broad	\$28,841	11%	\$1,774	6%
DM: Regional & Country	\$9,608	4%	\$210	2%
Emerging Markets	\$8,353	3%	\$126	1%
Global	\$33,267	13%	\$3,092	11%
Total	\$260,405	100%	\$14,257	5.6%

*Equity Flows include option strategies; Source: National Bank of Canada, Bloomberg

Type	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Canada Aggregate	\$35,171	29%	\$1,003	3%
Canada Government	\$12,654	10%	\$116	1%
Canada Corporate	\$17,159	14%	\$1,784	11%
U.S. / North America	\$9,354	8%	\$158	1%
Foreign	\$12,174	10%	\$996	8%
Sub-Investment Grade	\$4,085	3%	\$237	5%
Preferred/Convertible	\$6,130	5%	-\$117	-2%
Money Market	\$24,999	21%	-\$462	-2%
Total	\$121,726	100%	\$3,715	2.9%

Source: National Bank of Canada, Bloomberg

Sector	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Financials	\$11,425	36%	\$84	1%
Technology	\$4,615	15%	\$191	4%
Energy	\$3,498	11%	-\$253	-8%
Health Care	\$3,284	10%	\$252	8%
Real Estate	\$2,845	9%	\$100	3%
Utilities	\$2,689	9%	\$215	8%
Materials	\$2,493	8%	\$177	8%
Other	\$623	2%	-\$21	-4%
Total	\$31,471	100%	\$746	2.3%

*Includes all geo focuses and Covered Call Strategies; Source: NBF, Bloomberg

Maturity	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Broad/Mixed	\$57,392	47%	\$2,715	4%
Ultra Short Term	\$5,288	4%	\$596	13%
Short Term	\$15,106	12%	-\$128	-1%
Mid Term	\$6,141	5%	-\$278	-3%
Long Term	\$8,651	7%	\$753	8%
Real Return	\$1,035	1%	-\$126	-10%
Target Maturity	\$3,115	3%	\$646	25%
Money Market	\$24,999	21%	-\$462	-2%
Total	\$121,726	100%	\$3,715	2.9%

Source: National Bank of Canada, Bloomberg

YTD Canadian ETF inflows are closing in on the \$20 billion mark; \$19.2 billion in new ETF assets were created in the first four months of the year. In a somewhat bullish signal, Equity ETFs have seized the lion's share of inflows at \$14.3 billion, more than half of which has focused on the U.S. Within equities, Global and broad developed markets rank a distant second and third, while Canada, regional (Europe and Japan) and Emerging Markets had positive but relatively smaller net inflows. Energy sector ETFs suffered the large outflows at \$253 million year-to-date, despite their index-beating returns. For example, XEG (iShares S&P/TSX Energy Index ETF) outperformed both the S&P/TSX Composite Index and the S&P 500 Index YTD but has seen redemptions for the past three months. Fixed Income ETF inflows took the passenger seat relative to equities at \$3.7 billion strong year-to-date. Investors started to shy away from money market ETFs, mainly cash alternative ETFs, and moved into ultra-short term, target maturity and long-term bond ETFs. Based on the forward rate curve, the derivative market's expected number of Fed rate cuts kept going lower, and now (as of April 30) only one cut from the Fed appears to be priced in for this year. ETF investors seem unconvinced, however, judging by the high pace of cash alternative ETF outflows. That said, investors may also be switching out of "cash" for no reason other than the chance to achieve marginally higher yields from money market securities ETFs since the OSFI ruling on the deposits underlying cash alternative ETFs came into effect this year.

ESG ETF Flows (Table 21)

In April, Canadian ESG ETFs experienced a rare month of outflows, primarily attributed to significant withdrawals from two equity ESG ETFs: iShares ESG Aware MSCI EM Index ETF (XSEM) and Desjardins RI Developed ex-USA ex-Canada Net-Zero Emissions Pathway ETF (DRMD). Despite large outflows from equity ESG ETFs, fixed income ESG ETFs and asset allocation ESG ETFs continued to attract new assets in April. All-in-one portfolio ETFs with an ESG twist are the fastest growing ESG sub-category in Canada year-to-date, with net inflows of \$39 million representing 20% of the sub-category's starting assets. These ETFs, seen as convenient tools for ESG-conscious investors to manage small accounts, have been quietly gathering assets since first introduced by iShares in 2020. Now the sub-category has reached \$242 million in assets under management across seven products from three providers.

Table 20 - ETF Flows by Provider - YTD April 2024

Provider	New Methodology (adjusted for ETF-of-ETFs)		YTD April 2024		Unadjusted	
	AUM (\$M)	Mkt Shr (%)	Flow (\$M)	Flow/AUM	YTD April 2024 AUM (\$M)	YTD April 2024 Flow (\$M)
1 RBC iShares	\$116,178	28.0%	\$3,846	3%	\$124,654	\$4,771
2 BMO	\$93,289	22.0%	\$3,353	3%	\$103,664	\$3,851
3 Vanguard	\$56,849	14.0%	\$4,284	7%	\$70,058	\$5,358
4 Global X*	\$30,774	7.0%	\$318	1%	\$31,816	\$466
5 CI GAM	\$20,631	5.0%	-\$1,309	-6%	\$20,693	-\$1,392
6 TDAM	\$14,235	3.0%	\$1,925	16%	\$14,487	\$1,992
7 Mackenzie**	\$13,310	3.0%	\$306	2%	\$13,620	\$341
8 NBI	\$11,787	3.0%	\$727	7%	\$11,787	\$727
9 Purpose	\$9,470	2.0%	-\$793	-8%	\$9,882	-\$770
10 Fidelity	\$7,414	2.0%	\$2,117	38%	\$8,413	\$2,485
11 Invesco	\$6,449	2.0%	\$504	9%	\$6,475	\$505
12 Harvest	\$3,504	1.0%	\$276	7%	\$3,995	\$229
13 CIBC	\$3,381	1.0%	\$596	21%	\$3,404	\$598
14 Evolve Funds	\$3,295	1.0%	-\$181	-5%	\$3,357	-\$186
15 Hamilton	\$3,239	1.0%	\$621	17%	\$4,658	\$963
16 Manulife	\$3,163	1.0%	\$137	5%	\$3,163	\$137
17 Dynamic	\$3,125	1.0%	\$309	12%	\$3,125	\$309
18 Desjardins	\$3,010	1.0%	\$1,084	58%	\$3,010	\$1,084
19 PIMCO	\$2,605	1.0%	\$282	12%	\$2,605	\$282
20 Scotia Bank	\$2,465	1.0%	\$824	53%	\$2,465	\$824
21 Franklin Templeton	\$1,524	0.0%	\$68	5%	\$1,524	\$68
22 AGF	\$933	0.0%	-\$185	-17%	\$933	-\$185
23 Pictou Mahoney	\$768	0.0%	\$55	8%	\$768	\$55
24 Brompton Funds	\$681	0.0%	\$75	11%	\$797	\$80
25 Ninepoint Partners	\$615	0.0%	-\$91	-15%	\$615	-\$91
26 Middlefield	\$488	0.0%	-\$4	-1%	\$488	-\$4
27 First Trust	\$436	0.0%	\$23	6%	\$447	\$28
28 Bristol Gate	\$422	0.0%	\$5	1%	\$422	\$5
29 Guardian Capital	\$382	0.0%	\$18	5%	\$386	\$21
30 3iQ	\$354	0.0%	-\$3	-1%	\$354	-\$3
31 IA Clarington	\$119	0.0%	-\$10	-8%	\$119	-\$10
32 Mulvihill	\$108	0.0%	\$23	26%	\$108	\$23
33 Lysander	\$88	0.0%	-\$2	-2%	\$88	-\$2
34 Russell Investments	\$68	0.0%	-\$6	-7%	\$68	-\$6
35 Arrow Capital	\$68	0.0%	\$14	26%	\$68	\$14
36 Accelerate	\$64	0.0%	-\$3	-5%	\$69	-\$3
37 Starlight	\$19	0.0%	-\$2	-9%	\$19	-\$2
38 Forstrong	\$14	0.0%	-\$27	-68%	\$14	-\$27
39 Tralucet	\$5	0.0%	\$3	125%	\$5	\$3
40 Caldwell	\$5	0.0%	\$0	-8%	\$5	\$0
Total	\$415,333	100.0%	\$19,177	4.6%	\$452,628	\$22,537

*Formerly branded as Horizons; **Includes Wealthsimple asset and flows. Source: NBF, Bloomberg

Table 21 - Canada listed ESG ETF Flows by Categories* - April 2024

Category	April 2024		YTD April 2024	
	AUM (\$M)	AUM (%)	Flow (\$M)	Flow/AUM
Equity	\$13,959	76%	-\$152	-1.1%
Broad - Canada	\$3,204	18%	\$18	0.5%
Broad - U.S.	\$3,050	17%	-\$36	-1.1%
Broad - DM	\$1,756	10%	\$5	0.8%
Broad - EM	\$3,204	18%	-\$79	-2.5%
Broad - Global	\$1,254	7%	\$1	0.8%
Environment	\$1,193	7%	-\$78	-6.0%
Clean Energy	\$117	1%	-\$1	-1.0%
Social	\$122	1%	-\$1	-0.8%
Infrastructure	\$58	0%	-\$1	-1.2%
Other	\$3	0%	\$0	0.0%
Commodities	\$9	0%	\$0	0.0%
Multi-Asset	\$242	1%	\$5	6.5%
Fixed Income	\$4,076	22%	\$30	0.7%
Total Displayed	\$18,287	100%	-\$107	-0.6%

Source: National Bank of Canada, Bloomberg

Appendix 1 - Glossary

AUM (Assets Under Management): AUM is expressed in local currency, which is the Canadian dollar for the purpose of this report.

Flow/AUM (Flow as % AUM): Net flow as a percentage of assets under management from the beginning of the period.

Flow: The net dollar amount of fund creations and redemptions for the period based on daily NAV and daily changes in Shares Outstanding. Flows are expressed in local currency, which is the Canadian dollar for the purpose of this report.

Market Share (%): category's AUM as % of the total AUM.

MER (Management Expense Ratio): Manager's 2022 annual fee for managing and administering the fund, expressed as a percentage of total fund value. In most cases, this includes fees from investing in other ETFs. Where audited MER is unavailable or if the fee has been significantly reduced recently, the MER is estimated using the Stated Management Fee and sales tax.

Canadian MER does not include trading commissions incurred by the ETF, nor does it include trading expenses (such as swap or forward fees). An asterisk (*) indicates that the fund pays additional expenses such as swap or forward fees, which are normally reported under trading expenses. The asterisk can also indicate that the fund charges a performance fee. Data are sourced from annual filings.

NAV (Net Asset Value per share): ETF price is used when NAV is not available.

All numbers are as of last month's final business day.

Appendix 2 - Equity ETF Categories

We group Equity ETFs into the categories below. These groupings follow NBF's discretion and can differ from the ETF Provider's definition and classification from other sources.

Cap-Weighted: A fund that weights securities based on the total or float-adjusted market capitalization of each security.

Dividend/Income: A fund with primary goal of providing income. We classify a fund as belonging to the Income category when its strategy focuses on providing income or the fund self-identifies as using an income strategy, even though it may incorporate other factors in addition to income.

Fundamental: A fund that selects and/or weights securities based on fundamental metrics from a company's financial statements such as balance sheet. Strategies include Value, Growth, Quality, RAFI Fundamental, Earnings, etc.

Low Vol or Risk: A fund that aims to achieve reduced portfolio volatility, either by screening for low volatility stocks, low beta stocks and/or minimizing the portfolio volatility.

Multi-Factor: ETFs that consider more than one NBF-defined factor including Income, Fundamental and Risk.

Sector: ETFs that provide exposure to broad industry sectors classified by the Global Industry Classification Standard (GICS) or other similar classifications. This category contains all sector funds, including ones that screen and/or weight the portfolio using factors.

Thematic: ETFs that provide niche exposures such as blockchain technology, infrastructure, Marijuana companies, Socially Responsible Investing, technology sub-sectors, agriculture, water, sentiment & behaviour, etc. This category contains all thematic funds, including ones that screen and/or weight the portfolio using factors.

Other: Any non-cap weighted strategy that is not covered by otherwise defined categories. This includes momentum, equal-weight, share buyback, high beta, proprietary, actively managed, tactical rotation, price-weighted, etc.

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