

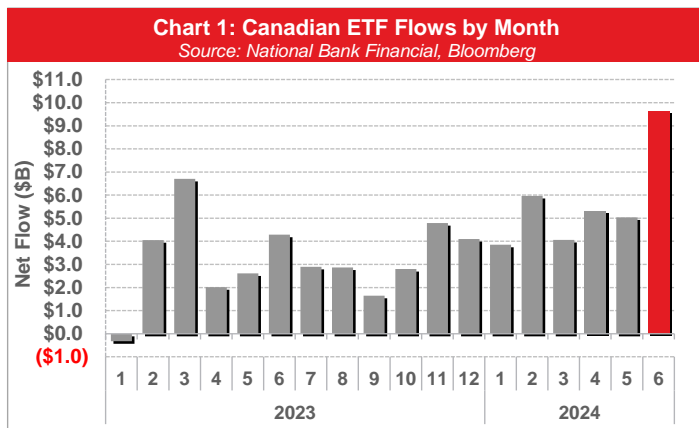
## June 2024: Fixed income inflows vault the half-year into record territory

- **ETFs gathered a whopping \$9.7 billion in June, marking a record-breaking half-year flow figure of \$33 billion**
- **Fixed Income ETFs led the flows with a record breaking \$6.8 billion, part of a huge institutional switch trade**
- **A new ETF provider Quadravest entered the markets; the Canadian ETF industry now has 41 ETF issuers**

**Summary:** A whopping \$9.7 billion flowed into Canadian ETFs in June, an all-time monthly record in the history of Canadian ETFs, surpassing by 25% the previous record set in February 2020 (when adjusted for ETF cross-holdings). This brings the year-to-date inflow figure for 2024 to \$33.3 billion, also on track to beat any previous annual inflow record. (Chart 2) Fixed income ETFs made disproportionately high contributions to the year's eye-popping flows, amounting to \$6.8 billion of net inflows in 2024 so far, another record for this asset class in any calendar half-year period. Equities ETFs pulled in \$2.2 billion and Multi-Asset ETFs registered \$439 million inflows, while Crypto-Asset ETFs continued the outflow trend with \$20 million redeemed.

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

Equity ETF inflows were appreciable in June but decelerated relative to the previous month. Investors put \$2.3 billion into Equity ETFs on a net basis, but the U.S. region saw redemptions of \$432 million while Canada and International ETFs had inflows of more than \$1 billion each. Looking under the hood, U.S. outflows were primarily concentrated in one ETF - **ESGY** (BMO's ESG Leaders Index ETF for the U.S. region) at \$1.8 billion redeemed, likely as part of a switch trade from institutional investors. Many other U.S. ETFs (**ZSP**, **VFV**, **XUS**, **USSX/U**) jumped up the inflow leaderboard. Japan started to lose favour in June as the country's benchmark index dipped and recovered; **ZJPN** and **JAPN/B** both showed up on the outflow leaderboard. Energy sector ETFs extended their outflow streak, albeit at a slower pace with \$39 million in outflows. Meanwhile, Financials and Materials each took in more than \$100 million.

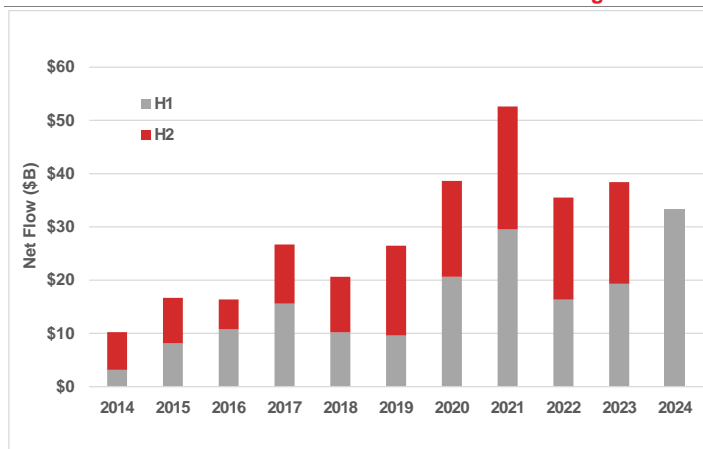


**Table 1 - ETF Flows by Category - H1 2024**

	AUM (\$M)	Mkt Shr (%)	June 2024		H1 2024	
			Flow \$M	Flow/AUM	Flow \$M	Flow/AUM
Equity	\$274,767		\$2,270	0.8%	\$19,094	7.5%
Canada	\$85,784	19%	\$1,474	1.7%	\$2,561	2.9%
United States	\$104,186	24%	-\$432	-0.4%	-\$8,771	9.7%
International	\$84,797	19%	\$1,228	1.5%	\$7,762	9.8%
Fixed Income	\$131,520	30%	\$6,847	5.5%	\$12,182	9.4%
Commodities	\$1,843	0%	\$22	1.2%	\$3	0.2%
Multi-Asset	\$22,924	5%	\$439	2.0%	\$2,267	11.7%
Inverse / Levered	\$4,591	1%	\$93	2.1%	\$609	15.7%
Crypto-Asset	\$5,947	1%	-\$20	-0.3%	-\$832	-17.7%
<b>Total</b>	<b>\$441,592</b>	<b>100%</b>	<b>\$9,651</b>	<b>2.2%</b>	<b>\$33,323</b>	<b>8.0%</b>

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

### Chart 2: Canadian ETF Flows – H1 2024 made an all-time high record



Source: NBF ETF Research, Bloomberg. Data as of June 30, 2024. Flows data since 2018 were adjusted for ETF of ETFs.

Fixed Income ETFs enjoyed \$6.8 billion in creations, the asset class's largest monthly figure in history, spread across all categories except for preferred shares ETFs. Canadian aggregate bond ETFs (ZAG) and Canadian Corporate bond (ZCS, ZCM, ZST) were the most popular categories, each with more than \$2 billion of inflows. Money market (ZMMK) ETFs welcomed \$1.3 billion of creations and cash alternative ETFs managed to pull in a small amount of inflows at \$108 million, a continuation of the trend from previous month. Investor demand for fixed income ETFs was strong, even outside the pattern of institutional inflows that went to BMO's fixed income ETF suite. Canadian aggregate bond, money market and global bond were the favoured categories.

Crypto-Asset ETFs continued to suffer outflows in June, suffering a modest \$20 million in redemptions. Part of the outflow (\$36 million) arose from the outflows from a converted closed-end fund to an ETF (ETHC/B) as early unit holders sought liquidity and fair NAV pricing, a benefit of the ETF structure. Commodity ETFs had small inflows, also at a small scale at \$22 million.

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

BMO enjoyed an outsized \$5.8 billion inflows in June, surpassing all ETF providers by a significant margin. The top seven ETFs in the monthly leaderboard were all low-cost core exposure ETFs from BMO's product shelf, the result of a clear institutional allocation. It is also notable that the two highest outflows in June were also BMO ETFs for ESG and Japan, part of the same institutional shuffle that drove the month's (and year's) record-breaking ETF inflows.

Based on percentage of starting assets, Fidelity had substantial flows in June, primarily into its asset allocation and factor-based equity ETFs.

ETF launch activity remains persistently high; a wide array of new products launched in June. In total, 14 new ETFs came to market, including a new split share preferred ETF from brand-new ETF issuer Quadravest. Asset allocation portfolio ETFs, actively-

**Table 2 - ETF Flows by Provider - June 2024**

Provider	New Methodology (adjusted for ETF-of-ETFs)				Unadjusted	
	AUM (\$M)	Mkt Shr (%)	June 2024		AUM (\$M)	Flow (\$M)
			Flow (\$M)	Flow/AUM		
1 RBC iShares	\$120,891	27.4%	\$1,110	1%	\$129,761	\$1,254
2 BMO	\$102,487	23.2%	\$5,849	6%	\$113,156	\$5,811
3 Vanguard	\$61,059	13.8%	\$899	2%	\$75,134	\$1,075
4 Global X*	\$32,396	7.3%	\$266	1%	\$33,353	\$300
5 CI GAM	\$21,189	4.8%	-\$78	0%	\$21,262	-\$78
6 TDAM	\$16,017	3.6%	\$402	3%	\$16,294	\$415
7 Mackenzie**	\$14,091	3.2%	\$309	2%	\$14,411	\$319
8 NBI	\$11,876	2.7%	-\$163	-1%	\$11,876	-\$163
9 Purpose	\$9,965	2.3%	\$48	0%	\$10,382	\$61
10 Fidelity	\$7,555	1.7%	\$503	7%	\$10,136	\$792
11 Invesco	\$6,606	1.5%	\$55	1%	\$6,635	\$56
12 Harvest	\$3,759	0.9%	\$65	2%	\$4,281	\$74
13 Desjardins	\$3,710	0.8%	\$60	2%	\$3,710	\$60
14 Evolve Funds	\$3,641	0.8%	\$152	4%	\$3,701	\$150
15 CIBC	\$3,584	0.8%	\$30	1%	\$3,610	\$30
16 Hamilton	\$3,500	0.8%	\$131	4%	\$5,003	\$169
17 Dynamic	\$3,386	0.8%	\$63	2%	\$3,386	\$63
18 Manulife	\$3,258	0.7%	\$69	2%	\$3,258	\$69
19 PIMCO	\$2,692	0.6%	\$45	2%	\$2,692	\$45
20 Scotia Bank	\$2,613	0.6%	\$9	0%	\$2,613	\$9
21 Franklin Templeton	\$1,591	0.4%	-\$17	-1%	\$1,595	-\$13
22 AGF	\$931	0.2%	-\$10	-1%	\$931	-\$10
23 Picton Mahoney	\$805	0.2%	\$5	1%	\$805	\$5
24 Brompton Funds	\$756	0.2%	\$17	2%	\$880	\$20
25 Ninepoint Partners	\$587	0.1%	-\$6	-1%	\$587	-\$6
26 Middlefield	\$515	0.1%	-\$7	-1%	\$515	-\$7
27 First Trust	\$469	0.1%	\$12	3%	\$481	\$12
28 Guardian Capital	\$447	0.1%	-\$4	-1%	\$453	-\$3
29 3iQ	\$349	0.1%	-\$1	0%	\$349	-\$1
30 Bristol Gate	\$261	0.1%	-\$177	-42%	\$261	-\$177
31 IA Clarington	\$123	0.0%	\$0	0%	\$123	\$0
32 Mulvihill	\$113	0.0%	\$5	4%	\$113	\$5
33 Lysander	\$92	0.0%	\$1	2%	\$92	\$1
34 Arrow Capital	\$88	0.0%	\$6	7%	\$88	\$6
35 Accelerate	\$79	0.0%	\$0	0%	\$85	\$0
36 Russell Investments	\$61	0.0%	-\$3	-4%	\$61	-\$3
37 Starlight	\$19	0.0%	-\$1	-3%	\$19	-\$1
38 Forstrong	\$16	0.0%	\$1	3%	\$16	\$1
39 Tralucant	\$8	0.0%	\$2	41%	\$8	\$2
40 Caldwell	\$5	0.0%	\$0	0%	\$5	\$0
41 Quadravest	\$1	0.0%	\$1	NA	\$1	\$1
<b>Total</b>	<b>\$441,592</b>	<b>100.0%</b>	<b>\$9,651</b>	<b>2.2%</b>	<b>\$482,124</b>	<b>\$10,343</b>

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

**Table 3 - New Launches in June 2024**

Ticker	Name	Fee (%)
1 CBL	Franklin Core ETF Portfolio	0.13
2 CNV	Franklin Conservative Income ETF Portfolio	0.13
3 GRO	Franklin Growth ETF Portfolio	0.13
4 EQY	Franklin All-Equity ETF Portfolio	0.13
5 RMAX	Hamilton REITs Yield Maximizer ETF	0.65
6 ETHC/B	Purpose Ether Staking Corp ETF	0*
7 HPYT/B	Harvest Premium Yield Treasury ETF	0.45
8 DGR/U	CI US Quality Dividend Growth Index ETF	0.35
9 UYLD**	Manulife Smart US Enhanced Yield ETF (CAD-H)	0.60
10 CYLD	Manulife Smart Enhanced Yield ETF	0.52
11 MCLV	Mackenzie Canada Low Volatility ETF	0.45
12 MULV	Mackenzie US Low Volatility ETF	0.45
13 MGDV	Mackenzie Global Dividend ETF	0.80
14 PREF	Quadravest Preferred Split Share ETF	0.50

Source: NBF ETF Research, Provider

\*Management fee will be waived by Purpose for the first three months ending September 17, 2024.

\*\*Also offers a USD (.U) and Unhedged (.B) series.

managed factor ETFs and an Ether staking ETF (conversion from a closed-end fund) all joined the fray.

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

**H1 2024 Flows (Tables 12 - 19):**

**Table 4 - Top Single Long ETF Inflows - June 2024**

Ticker	Name	Flow (\$M)	Flow/AUM
1	ZAG BMO Aggregate Bond Index ETF	\$2,064	29%
2	ZMMK BMO Money Market Fund ETF Series	\$1,027	79%
3	ZCS BMO Short Corporate Bond Index ETF	\$988	66%
4	ZCM BMO Mid Corporate Bond Index ETF	\$850	173%
5	ZSP BMO S&P 500 Index ETF	\$569	5%
6	ZCN BMO S&P/TSX Capped Composite Index ETF	\$558	7%
7	ZEA BMO MSCI EAFE Index ETF	\$501	7%
8	VFV Vanguard S&P 500 Index ETF	\$452	3%
9	XIU iShares S&P/TSX 60 Index ETF	\$349	3%
10	ZEQ BMO MSCI Europe High Quality Hedged To CAD	\$304	38%
11	ZST BMO Ultra Short-Term Bond ETF	\$287	16%
12	XEQT iShares Core Equity ETF Portfolio	\$211	6%
13	ZFM BMO Mid Federal Bond Index ETF	\$201	47%
14	ZEB BMO Equal Weight Banks Index ETF	\$191	7%
15	XIC iShares Core S&P/TSX Capped Composite Index ETF	\$169	2%
16	ZID BMO MSCI India ESG Leaders Ind	\$158	100%
17	XUS iShares Core S&P 500 Index ETF	\$149	2%
18	ZMT BMO Equal Weight Global Base Metals CAD-H	\$141	356%
19	USSX/U Global X S&P 500 Index ETF	\$137	62%
20	FBAL Fidelity All-in-One Balanced ETF	\$128	13%

Source: National Bank of Canada, Bloomberg;

**Table 5 - Top Single Long ETF Outflows - June 2024**

Ticker	Name	Flow (\$M)	Flow/AUM
1	ESGY BMO MSCI USA ESG Leaders Index ETF	-\$1,826	-98%
2	ZJPN BMO Japan Index ETF	-\$353	-49%
3	ZEM BMO MSCI Emerging Markets Index ETF	-\$254	-20%
4	HULC Global X US Large Cap Index Corporate Class ETF	-\$113	-159%
5	NSCE NBI Sustainable Canadian Equity ETF	-\$100	-5%
6	BGU/U Bristol Gate Concentrated US Equity ETF	-\$89	-60%
7	BGU Bristol Gate Concentrated US Equity ETF	-\$89	-35%
8	XSP iShares Core S&P 500 Index ETF CAD- Hedged	-\$85	-1%
9	HXT Global X S&P/TSX 60 Index Corporate Class ETF	-\$83	-2%
10	XLB iShares Core Canadian Long Term Bond Index ETF	-\$82	-7%
11	JAPW/B CI Japan Equity Index ETF	-\$72	-7%
12	NINT NBI Active International Equity ETF	-\$71	-10%
13	XSB iShares Core Canadian Short Term Bond Index ETF	-\$63	-3%
14	ZSP/U BMO S&P 500 Index ETF	-\$62	-2%
15	XAW iShares Core MSCI All Country World ex Canada Index ETF	-\$57	-2%
16	XEG iShares S&P/TSX Capped Energy Index ETF	-\$55	-3%
17	QBB Mackenzie Canadian Aggregate Bond Index ETF	-\$48	-6%
18	ZUB BMO Equal Weight US Banks Hedged to CAD Index ETF	-\$46	-9%
19	PSA Purpose High Interest Savings Fund	-\$45	-1%
20	RQL RBC Target 2024 Canadian Corporate Bond Index ETF	-\$41	-12%

Source: National Bank of Canada, Bloomberg;

**Table 6 - ETF Flows by Category - June 2024**

Asset Class	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Equity	\$274,767	62%	\$2,270	0.8%
Fixed Income	\$131,520	30%	\$6,847	5.5%
Commodities	\$1,843	0%	\$22	1.2%
Multi-Asset	\$22,924	5%	\$439	2.0%
Inverse / Levered	\$4,591	1%	\$93	2.1%
Crypto-Asset	\$5,947	1%	-\$20	-0.3%
<b>Total</b>	<b>\$441,592</b>	<b>100%</b>	<b>\$9,651</b>	<b>2.2%</b>

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

**Table 9 - Equity ETF Flows by Focus - June 2024**

Focus	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Cap-weighted	\$165,697	60%	\$2,586	1.6%
Dividend / Income	\$27,662	10%	\$480	1.8%
Factor: Low Vol	\$7,865	3%	-\$22	-0.3%
Factor: Multi-factor	\$4,182	2%	\$71	1.7%
Factor: Fundamental	\$6,378	2%	\$358	6.0%
Sector	\$32,302	12%	\$314	1.0%
Thematic	\$18,035	7%	-\$1,753	-9.0%
ESG**	\$11,834	4%	-\$1,830	-13.6%
Other	\$12,647	5%	\$237	1.9%
<b>Total</b>	<b>\$274,767</b>	<b>100%</b>	<b>\$2,270</b>	<b>0.8%</b>

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

\*\* Only includes ESG ETFs under Thematic category

**Table 7 - Equity ETF Flows by Geography - June 2024**

Geography	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Canada	\$85,784	31%	\$1,474	1.7%
United States	\$104,186	38%	-\$432	-0.4%
DM: Broad	\$29,895	11%	\$625	2.1%
DM: Regional & Country	\$9,683	4%	-\$97	-1.0%
Emerging Markets	\$8,562	3%	-\$85	-1.0%
Global	\$36,657	13%	\$786	2.2%
<b>Total</b>	<b>\$274,767</b>	<b>100%</b>	<b>\$2,270</b>	<b>0.8%</b>

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

**Table 10 - Fixed Income ETF Flows by Type - June 2024**

Type	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Canada Aggregate	\$38,524	29%	\$2,269	6.3%
Canada Government	\$13,580	10%	\$499	3.8%
Canada Corporate	\$19,942	15%	\$2,331	13.3%
U.S. / North America	\$10,002	8%	\$358	3.7%
Foreign	\$12,584	10%	\$159	1.3%
Sub-Investment Grade	\$4,203	3%	\$30	0.7%
Preferred/Convertible	\$6,135	5%	-\$74	-1.2%
Money Market	\$26,551	20%	\$1,273	5.0%
<b>Total</b>	<b>\$131,520</b>	<b>100%</b>	<b>\$6,847</b>	<b>5.5%</b>

Source: National Bank of Canada, Bloomberg

**Table 8 - Equity ETF Flows by Sector\* - June 2024**

Sector	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Financials	\$11,489	36%	\$120	1.0%
Technology	\$5,248	16%	\$51	1.1%
Health Care	\$3,361	10%	-\$21	-0.6%
Energy	\$3,289	10%	-\$39	-1.1%
Real Estate	\$2,859	9%	\$22	0.8%
Utilities	\$2,762	9%	\$47	1.7%
Materials	\$2,640	8%	\$131	5.0%
Other	\$652	2%	\$2	0.4%
<b>Total</b>	<b>\$32,302</b>	<b>100%</b>	<b>\$314</b>	<b>1.0%</b>

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

**Table 11 - Fixed Income ETF Flows by Maturity - June 2024**

Maturity	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Broad/Mixed	\$61,928	47%	\$2,814	4.8%
Ultra Short Term	\$5,750	4%	\$354	6.6%
Short Term	\$16,057	12%	\$990	6.6%
Mid Term	\$7,388	6%	\$1,162	18.8%
Long Term	\$9,361	7%	\$133	1.5%
Real Return	\$1,059	1%	-\$18	-1.7%
Target Maturity	\$3,425	3%	\$139	4.2%
Money Market	\$26,551	20%	\$1,273	5.0%
<b>Total</b>	<b>\$131,520</b>	<b>100%</b>	<b>\$6,847</b>	<b>5.5%</b>

Source: National Bank of Canada, Bloomberg

Inflows into Canada-listed ETFs during the first half of 2024 broke all previous half-year records with \$33.3 billion in creation. Equity inflows were the strongest at \$19 billion, while fixed income category also played catch-up recently, reaching \$12 billion in flows by half-year mark at the end of June. Canadian ETF Investors remain enamoured by U.S. equities; in fact,

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close to 50% of all equity inflows have gone to the U.S. region. Vanguard's VEV raked in \$2.9 billion in H1 2024, and combined with the underlying index's unstoppable performance, has leapfrogged XIU and taken the mantle of "largest ETF in Canada," on both ETF-of-ETF unadjusted and adjusted basis. Contrary to the technology-driven frenzy for U.S. equities, the defensive "inflation hedge" energy sector (XEG) is on track to have its weakest demand year in history with outflows of \$344 million in 2024 so far.

Fixed income's surge of creations in June pushed its net inflows above \$12 billion for 2024 year-to-date. Unlike the prior two years when cash ETFs were all the rage and virtually alone in the spotlight, inflows into fixed income ETFs have been quite

**Table 12 - Top ETF Inflows - H1 2024**

Ticker	Name	Flow (\$M)	Flow/AUM
1	VFV Vanguard S&P 500 Index ETF	\$2,916	29%
2	ZAG BMO Aggregate Bond Index ETF	\$2,617	39%
3	ZMMK BMO Money Market Fund ETF Series	\$1,432	160%
4	XEQT iShares Core Equity ETF Portfolio	\$1,313	57%
5	HXS Global X S&P 500 Index Corporate Class ETF	\$1,113	51%
6	ZEA BMO MSCI EAFE Index ETF	\$1,079	18%
7	ZCS BMO Short Corporate Bond Index ETF	\$1,062	74%
8	ZST BMO Ultra Short-Term Bond ETF	\$1,045	96%
9	ZCM BMO Mid Corporate Bond Index ETF	\$872	182%
10	VEQT Vanguard All-Equity ETF Portfolio	\$833	26%
11	XIC iShares Core S&P/TSX Capped Composite Index ETF	\$768	8%
12	CASH Global X High Interest Savings ETF	\$760	19%
13	DMEU Desjardins American Equity Index ETF	\$756	NA
14	ZSP BMO S&P 500 Index ETF	\$745	8%
15	SITU Scotia US Equity Index Tracker ETF	\$710	106%
16	XUS iShares Core S&P 500 Index ETF	\$628	13%
17	FBAL Fidelity All-in-One Balanced ETF	\$604	132%
18	CIAI CI Global Artificial Intelligence ETF	\$507	NA
19	NSCB NBI Sustainable Canadian Bond ETF	\$484	20%
20	ZCN BMO S&P/TSX Capped Composite Index ETF	\$441	6%

Source: National Bank of Canada, Bloomberg;

**Table 13 - Top ETF Outflows - H1 2024**

Ticker	Name	Flow (\$M)	Flow/AUM
1	ESGY BMO MSCI USA ESG Leaders Index ETF	-\$1,944	-112%
2	CSAV CI High Interest Savings ETF	-\$1,439	-16%
3	HBB Global X Canadian Select Universe Bond Index Corporate Class	-\$1,217	-27%
4	PSA Purpose High Interest Savings Fund	-\$566	-15%
5	HTB Global X US 7-10 Year Treasury Bond Index Corporate Class ETF	-\$466	-55%
6	BTCC/B Purpose Bitcoin ETF	-\$336	-35%
7	XIU iShares S&P/TSX 60 Index ETF	-\$320	-3%
8	BTCC/U Purpose Bitcoin ETF	-\$314	-54%
9	XEG iShares S&P/TSX Capped Energy Index ETF	-\$314	-19%
10	HULC Global X US Large Cap Index Corporate Class ETF	-\$313	-86%
11	HXT Global X S&P/TSX 60 Index Corporate Class ETF	-\$311	-9%
12	ZEM BMO MSCI Emerging Markets Index ETF	-\$286	-23%
13	ZJPN BMO Japan Index ETF	-\$277	-48%
14	HISA High Interest Savings Account Fund	-\$251	-15%
15	ZPR BMO Laddered Preferred Share Index ETF	-\$227	-15%
16	XSB iShares Core Canadian Short Term Bond Index ETF	-\$212	-10%
17	BTCC/U CI Galaxy Bitcoin ETF	-\$192	-46%
18	ZSP/U BMO S&P 500 Index ETF	-\$188	-7%
19	PFL Invesco 1-3 Year Laddered Floating Rate Note Index ETF	-\$124	-17%
20	ETHX/B CI Galaxy Ethereum ETF	-\$121	-26%

Source: National Bank of Canada, Bloomberg;

**Table 14 - ETF Flows by Category - H1 2024**

Asset Class	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Equity	\$274,767	62%	\$19,094	7%
Fixed Income	\$131,520	30%	\$12,182	9%
Commodities	\$1,843	0%	\$3	0%
Multi-Asset	\$22,924	5%	\$2,267	12%
Inverse / Leveraged	\$4,591	1%	\$609	16%
Crypto-Asset	\$5,947	1%	-\$832	-18%
<b>Total</b>	<b>\$441,592</b>	<b>100%</b>	<b>\$33,323</b>	<b>8.0%</b>

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

**Table 17 - Equity ETF Flows by Focus - H1 2024**

Focus	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Cap-weighted	\$165,697	60%	\$13,397	9%
Dividend / Income	\$27,662	10%	\$1,699	6%
Factor: Low Vol	\$7,865	3%	-\$177	-2.2%
Factor: Multi-factor	\$4,182	2%	\$492	15%
Factor: Fundamental	\$6,378	2%	\$790	15%
Sector	\$32,302	12%	\$1,007	3%
Thematic	\$18,035	7%	-\$770	-4%
ESG**	\$11,834	4%	-\$1,408	-12%
Other	\$12,647	5%	\$2,657	29%
<b>Total</b>	<b>\$274,767</b>	<b>100%</b>	<b>\$19,094</b>	<b>7.5%</b>

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

\*\* Only includes ESG ETFs under Thematic category

**Table 15 - Equity ETF Flows by Geography - H1 2024**

Geography	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Canada	\$85,784	31%	\$2,561	3%
United States	\$104,186	38%	\$8,771	10%
DM: Broad	\$29,895	11%	\$2,721	9%
DM: Regional & Country	\$9,683	4%	\$99	1%
Emerging Markets	\$8,562	3%	\$47	1%
Global	\$36,657	13%	\$4,896	17%
<b>Total</b>	<b>\$274,767</b>	<b>100%</b>	<b>\$19,094</b>	<b>7.5%</b>

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

**Table 18 - Fixed Income ETF Flows by Type - H1 2024**

Type	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Canada Aggregate	\$38,524	29%	\$3,681	10%
Canada Government	\$13,580	10%	\$684	5%
Canada Corporate	\$19,942	15%	\$4,394	27%
U.S. / North America	\$10,002	8%	\$731	6%
Foreign	\$12,584	10%	\$1,335	11%
Sub-Investment Grade	\$4,203	3%	\$322	7%
Preferred/Convertible	\$6,135	5%	-\$208	-3%
Money Market	\$26,551	20%	\$1,243	5%
<b>Total</b>	<b>\$131,520</b>	<b>100%</b>	<b>\$12,182</b>	<b>9.4%</b>

Source: National Bank of Canada, Bloomberg

**Table 16 - Equity ETF Flows by Sector\* - H1 2024**

Sector	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Financials	\$11,489	36%	\$211	2%
Technology	\$5,253	16%	\$269	6%
Health Care	\$3,361	10%	\$230	7%
Energy	\$3,289	10%	-\$344	-10%
Real Estate	\$2,859	9%	\$111	4%
Utilities	\$2,762	9%	\$242	9%
Materials	\$2,640	8%	\$305	14%
Other	\$647	2%	-\$17	-3%
<b>Total</b>	<b>\$32,302</b>	<b>100%</b>	<b>\$1,007</b>	<b>3.1%</b>

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

**Table 19 - Fixed Income ETF Flows by Maturity - H1 2024**

Maturity	AUM (\$M)	Mkt Shr	Flow (\$M)	Flow/AUM
Broad/Mixed	\$61,928	47%	\$6,403	10%
Ultra Short Term	\$5,750	4%	\$1,053	22%
Short Term	\$16,057	12%	\$667	4%
Mid Term	\$7,388	6%	\$910	10%
Long Term	\$9,361	7%	\$1,103	12%
Real Return	\$1,059	1%	-\$123	-10%
Target Maturity	\$3,425	3%	\$925	36%
Money Market	\$26,551	20%	\$1,243	5%
<b>Total</b>	<b>\$131,520</b>	<b>100%</b>	<b>\$12,182</b>	<b>9.4%</b>

Source: National Bank of Canada, Bloomberg

widespread across different categories. Canadian corporate bond led the pack with \$4 billion created, followed by Canada aggregate bond, foreign bond and money market ETFs.

Crypto-Asset ETF have suffered a dip in demand in Canada, witnessing \$832 million of outflows, some of which might have gone to their newly-listed, headline-grabbing U.S. counterparts. Meanwhile, in the world of commodities, despite strong performances in several categories, commodity ETFs were flat on the year in flows.

**ESG ETF Flows (Table 21)**

In June, a large institutional redemption of **ESGY** (BMO MSCI USA ESG Leaders Index ETF) single-handedly pushed the net cumulative inflows into negative territory for the Canada-listed ESG category in the first half of the year. Excluding this \$1.8 billion redemption, the category would have actually seen *positive* flows of \$888 million year-to-date.

In terms of new listings, there have been no additions to the roster of ESG ETFs listed in Canada in 2024, as opposed to last year, when nine new EST ETFs launched. Delistings of ESG ETFs, however, have occurred at a pace similar to last year, with eight in first half of this year compared to 16 in the entirety of last year.

Surveying the regulatory landscape, the recently enacted Bill C-59 in Canada may have a long-lasting effect on ESG investing. This major piece of legislation may likely incentivize investments in clean technology, which would be good news for clean energy ETFs, but its anti-greenwashing communication provisions could potentially prompt companies to scale back their ESG disclosures for fear of falling afoul of expansive new rules, thereby presenting a headwind to the increased adoption of investments in ESG ETFs for disclosure purposes. Our ESG Analyst Batej Sidhu's [Sustainability and Transition note](#) on Bill C-59 discusses this piece of legislation's potential impact on the Utilities, Energy and Financial sectors.

**Table 20 - ETF Flows by Provider - H1 2024**

Provider	New Methodology (adjusted for ETF-of-ETFs)			Unadjusted		
	AUM (\$M)	Mkt Shr (%)	H1 2024 Flow (\$M)	H1 2024 Flow/AUM	H1 2024 AUM (\$M)	H1 2024 Flow (\$M)
1 RBC iShares	\$120,891	27.4%	\$5,453	5%	\$129,761	\$6,640
2 BMO	\$102,487	23.2%	\$9,721	10%	\$113,156	\$10,191
3 Vanguard	\$61,059	13.8%	\$6,110	10%	\$75,134	\$7,551
4 Global X*	\$32,396	7.3%	\$949	3%	\$33,353	\$1,178
5 CI GAM	\$21,189	4.8%	-\$1,119	-5%	\$21,262	-\$1,184
6 TDAM	\$16,017	3.6%	\$2,942	24%	\$16,294	\$3,031
7 Mackenzie**	\$14,091	3.2%	\$679	5%	\$14,411	\$733
8 NBI	\$11,876	2.7%	\$593	5%	\$11,876	\$593
9 Purpose	\$9,965	2.3%	-\$659	-7%	\$10,382	-\$392
10 Fidelity	\$7,555	1.7%	\$2,645	47%	\$10,136	\$3,945
11 Invesco	\$6,606	1.5%	\$420	7%	\$6,635	\$423
12 Harvest	\$3,759	0.9%	\$404	11%	\$4,281	\$375
13 Desjardins	\$3,710	0.8%	\$1,684	90%	\$3,710	\$1,684
14 Evolve Funds	\$3,641	0.8%	\$112	3%	\$3,701	\$101
15 CIBC	\$3,584	0.8%	\$734	26%	\$3,610	\$736
16 Hamilton	\$3,500	0.8%	\$851	23%	\$5,003	\$1,250
17 Dynamic	\$3,386	0.8%	\$480	18%	\$3,386	\$480
18 Manulife	\$3,258	0.7%	\$203	7%	\$3,258	\$203
19 PIMCO	\$2,692	0.6%	\$346	15%	\$2,692	\$346
20 Scotia Bank	\$2,613	0.6%	\$837	54%	\$2,613	\$837
21 Franklin Templeton	\$1,591	0.4%	\$98	7%	\$1,595	\$102
22 AGF	\$931	0.2%	-\$218	-21%	\$931	-\$218
23 Picton Mahoney	\$805	0.2%	\$79	11%	\$805	\$79
24 Brompton Funds	\$756	0.2%	\$124	18%	\$880	\$134
25 Ninepoint Partners	\$587	0.1%	-\$105	-18%	\$587	-\$105
26 Middlefield	\$515	0.1%	-\$5	-1%	\$515	-\$5
27 First Trust	\$469	0.1%	\$44	11%	\$481	\$49
28 Guardian Capital	\$447	0.1%	\$78	21%	\$453	\$83
29 3iQ	\$349	0.1%	-\$16	-6%	\$349	-\$16
30 Bristol Gate	\$261	0.1%	-\$178	-45%	\$261	-\$178
31 IA Clarington	\$123	0.0%	-\$8	-6%	\$123	-\$8
32 Mulvihill	\$113	0.0%	\$31	35%	\$113	\$31
33 Lysander	\$92	0.0%	\$1	1%	\$92	\$1
34 Arrow Capital	\$88	0.0%	\$34	65%	\$88	\$34
35 Accelerate	\$79	0.0%	\$13	19%	\$85	\$13
36 Russell Investments	\$61	0.0%	-\$13	-18%	\$61	-\$13
37 Starlight	\$19	0.0%	-\$3	-12%	\$19	-\$3
38 Forstrong	\$16	0.0%	-\$25	-64%	\$16	-\$25
39 Tralucant	\$8	0.0%	\$5	242%	\$8	\$5
40 Caldwell	\$5	0.0%	\$0	-8%	\$5	\$0
41 QuadraVest	\$1	0.0%	\$1	NA	\$1	\$1
<b>Total</b>	<b>\$441,592</b>	<b>100.0%</b>	<b>\$33,323</b>	<b>8.1%</b>	<b>\$482,124</b>	<b>\$38,683</b>

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

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

Category	June 2024		H1 2024	
	AUM (\$M)	AUM (%)	Flow (\$M)	Flow/AUM
Equity	\$12,764	74%	-\$1,842	-12.8%
Broad - Canada	\$3,181	18%	-\$93	-2.8%
Broad - U.S.	\$1,510	9%	-\$1,828	-57.2%
Broad - DM	\$1,788	10%	\$7	0.4%
Broad - EM	\$3,466	20%	\$136	4.2%
Broad - Global	\$1,296	8%	-\$27	-2.1%
Environment	\$1,211	7%	-\$44	-3.5%
Clean Energy	\$118	1%	\$1	0.4%
Social	\$124	1%	-\$3	-2.5%
Infrastructure	\$56	0%	-\$2	-3.0%
Other	\$11	0%	\$9	276.7%
Commodities	\$9	0%	\$0	0.0%
Multi-Asset	\$265	2%	\$8	3.1%
Fixed Income	\$4,171	24%	\$5	0.1%
<b>Total Displayed</b>	<b>\$17,210</b>	<b>100%</b>	<b>-\$1,829</b>	<b>-9.7%</b>

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 2023 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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