

CETFA Monthly Report (\$ millions)
as of May 31, 2023

Top 25 ETFs by Net Creations - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2023
1 BMO Equal Weight Banks Index ETF	ZEB	BMO	\$ 425	\$ 886
2 iShares Core MSCI Emerging Markets IMI Index ETF	XEC	BLK	378	383
3 CI High Interest Savings ETF	CSAV	CM	283	2,044
4 NBI Sustainable Canadian Bond ETF	NBSB	NBS	197	472
5 BMO Japan Index ETF	ZJPN	BMO	196	237
6 Horizons 0-3 Month T-Bill ETF	CBLL	HRZ	194	202
7 Horizons High Interest Savings ETF	CASH	HRZ	154	1,980
8 iShares S&P/TSX 60 Index ETF	XIU	BLK	142	(352)
9 iShares Core Canadian Universe Bond Index ETF	XBB	BLK	137	125
10 BMO Aggregate Bond Index ETF	ZAG	BMO	126	(217)
11 TD Canadian Equity Index ETF	TTF	TDM	123	376
12 Manulife Smart International Dividend ETF (CAD-Unhedged)	IDIV.B	MNL	120	126
13 iShares S&P/TSX Capped Energy Index ETF	XEG	BLK	105	(77)
14 TD Canadian Long Term Federal Bond ETF	TCLB	TDM	105	454
15 CI WisdomTree Japan Equity Index ETF	JAPN	CM	99	170
16 BMO Short Corporate Bond Index ETF	ZCS	BMO	98	103
17 Vanguard S&P 500 Index ETF	VVV	VNG	96	300
18 Horizons 0-3 Month U.S. T-Bill ETF	UBLL.U	HRZ	85	193
19 BMO Money Market Fund ETF Series	ZMMK	BMO	81	166
20 Middlefield Healthcare & Life Sciences ETF	MHCD	MDG	79	79
21 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	75	159
22 Purpose High Interest Savings Fund	PSA	PFC	73	(25)
23 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	70	258
24 Hamilton Canadian Financials Yield Maximizer ETF	HMAX	HAM	70	356
25 BMO Mid-Term U.S. IG Corporate Bond Index Hedged to CAD ETF	ZMU	BMO	68	384
Top 25			\$ 3,581	\$ 8,222

*Source: Investor Economics

Top 25 ETFs by Net Redemptions - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2023
1 BMO S&P 500 Index ETF	ZSP	BMO	\$ (293)	\$ (1,552)
2 BMO MSCI EAFE Index ETF	ZEAF	BMO	(278)	1,185
3 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	(170)	(615)
4 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	(129)	(335)
5 BMO MSCI Emerging Markets Index ETF	VEM	VNG	(127)	72
6 iShares Core S&P 500 Index ETF	XUS	BLK	(127)	(209)
7 CI Global Financial Sector ETF	FSF	CM	(93)	(288)
8 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	(89)	(252)
9 BMO Mid Corporate Bond Index ETF	ZCM	BMO	(87)	(9)
10 Mackenzie Canadian Short-Term Bond Index ETF	QSB	MFC	(63)	(99)
11 3iQ CoinShares Bitcoin ETF	BTCQ	3IQ	(58)	(625)
12 iShares Core Canadian Corporate Bond Index ETF	XCB	BLK	(50)	(38)
13 Middlefield Health Index ETF	HHTF	MDG	(47)	(47)
14 CI Enhanced Short Duration Bond Fund	ESB	CM	(42)	(94)
15 iShares NASDAQ 100 Index ETF (CAD-Hedged)	XQQ	BLK	(41)	(68)
16 Horizons Active Preferred Share ETF	HPR	HRZ	(41)	(45)
17 BMO MSCI USA ESG Leaders Index ETF	ESLV	BMO	(39)	(59)
18 Purpose Bitcoin ETF (CAD-Unhedged)	BTCC.B	PFC	(38)	13
19 Mackenzie Canadian All Corporate Bond Index ETF	QCB	MFC	(38)	30
20 Purpose Cash Management Fund (ETF Series)	MNY	PFC	(38)	(5)
21 Mackenzie Floating Rate Income ETF	MFT	MFC	(35)	(100)
22 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	(34)	(235)
23 BMO Short-Term Bond Index ETF	ZSB	BMO	(33)	(46)
24 BMO Laddered Preferred Shares Index ETF	ZPR	BMO	(33)	(114)
25 Invesco 1-5 Year Laddered Investment Grade Corporate Bond Index ETF	PSB	AIM	(32)	(29)
Top 25			\$ (2,035)	\$ (3,515)

*Source: Investor Economics

Top 25 Largest ETFs by AUM

ETF Name	Ticker	Management Code	AUM	% of Total
1 BMO S&P 500 Index ETF	ZSP	BMO	\$ 11,553	3.2%
2 iShares S&P/TSX 60 Index ETF	XIU	BLK	10,304	2.8%
3 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	8,742	2.4%
4 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	8,025	2.2%
5 Vanguard S&P 500 Index ETF	VVV	VNG	7,580	2.1%
6 CI High Interest Savings ETF	CSAV	CM	7,332	2.0%
7 BMO MSCI EAFE Index ETF	ZEAF	BMO	6,895	1.9%
8 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	6,435	1.8%
9 BMO Aggregate Bond Index ETF	ZAG	BMO	6,360	1.7%
10 iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	6,152	1.7%
11 Vanguard U.S. Total Market Index ETF	VUN	VNG	5,954	1.6%
12 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	5,243	1.4%
13 iShares Core Canadian Universe Bond Index ETF	XBB	BLK	5,025	1.4%
14 iShares Core S&P 500 Index ETF	XUS	BLK	4,786	1.3%
15 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	4,053	1.1%
16 Vanguard Growth ETF Portfolio	VGRQ	VNG	3,958	1.1%
17 BMO Equal Weight Banks Index ETF	ZEB	BMO	3,809	1.0%
18 Purpose High Interest Savings Fund	PSA	PFC	3,761	1.0%
19 Horizons Cap Select Universe Bond ETF	HSB	HRZ	3,573	1.0%
20 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	3,525	1.0%
21 Vanguard FTSE Developed All Cap ex North America Index ETF	VUI	VNG	3,287	0.9%
22 BMO Low Volatility Canadian Equity ETF	ZLB	BMO	3,073	0.8%
23 BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	2,967	0.8%
24 BMO Mid-Term U.S. IG Corporate Bond Index Hedged to CAD ETF	ZMU	BMO	2,871	0.8%
25 BMO Long Federal Bond Index ETF	ZFL	BMO	2,828	0.8%
Top 25			\$ 138,172	37.6%

*Source: Investor Economics

Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2023	% of Total
BlackRock Canada	BLK	\$ 586	\$(204)	386.8%	\$ 377	2.1%
Vanguard Canada	VNG	541	315	71.6%	2,033	11.5%
BMO Asset Management	BMO	311	324	-3.0%	2,671	15.2%
TD Asset Management	TDM	306	116	163.6%	1,419	8.1%
National Bank	NBS	258	126	104.4%	2,689	15.3%
Horizons ETFs	HRZ	239	574	-58.4%	2,952	16.7%
CI Investments	CM	215	139	55.2%	2,080	11.8%
Manulife Investment Management	MNL	168	8	-	164	0.9%
Fidelity	FID	100	29	245.3%	547	3.1%
RBC Global Asset Management	RBC	99	79	25.1%	458	2.8%
Hamilton ETFs	HAM	96	135	-28.8%	643	3.6%
Evolve Funds	EVL	75	97	-22.7%	586	3.3%
Purpose Investments	PFC	70	285	-75.3%	358	2.0%
Harvest Portfolios	HPG	70	37	87.1%	425	2.4%
Middlefield	MDG	65	-	-	61	0.3%
Scotia Global Asset Management	BNS	39	(50)	177.2%	41	0.2%
PIMCO Canada	PMC	33	(9)	479.5%	65	0.4%
Picton Mahoney Asset Management	PMF	28	(1)	-	77	0.4%
Invesco ETFs	AIM	7	(134)	105.2%	388	2.2%
CIBC Asset Management	CIB	6	26	-76.0%	77	0.4%
Bromton Funds	BRM	3	3	-24.2%	55	0.3%
IA Clarington	IAC	2	(4)	155.2%	(10)	-
Russell Investments Canada	RUS	1	1	-4.1%	18	0.1%
Arrow Capital Management	ACM	1	2	-66.8%	7	-
Guardian Capital LP	GCL	1	1	-25.2%	(18)	-
Starlight Investments	STR	1	(1)	182.1%	-	-
Lysander Funds	LYS	-	3	-93.3%	1	-
Norpp	NOR	-	-	-	(6)	-
Emerge Canada	EMR	-	-	-	(8)	-
Caldwell	CAL	-	-	-	-	-
Mulvihill Capital Management	MLV	-	-	-	-	-
Accelerate Financial	ACL	(1)	(1)	12.7%	(6)	-
SmarBe Wealth	SBW	(1)	-	-	(11)	-
Bristol Gate Capital Partners	BRI	(2)	-	-	21	0.1%
AGFQ	AGF	(2)	(10)	75.9%	(46)	-
First Trust Portfolios Canada	FTP	(6)	(8)	27.7%	(10)	-
Desjardins Investments	DJD	(7)	247	-102.9%	193	1.1%
Franklin Templeton	FLS	(14)	(7)	-69.8%	(103)	-
Ninepoint Partners	NPP	(15)	(8)	-19.4%	378	0.1%
3iQ	3IQ	(58)	(52)	-11.6%	(624)	-
Mackenzie	MFC	(71)	135	-152.7%	18	0.1%
Total		\$ 3,146	\$ 2,203	42.8%	\$ 17,628	

*Source: Investor Economics

AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2022
BlackRock Canada	BLK	146	\$ 96,221	\$ 98,273	-2.1%	\$ 92,637
BMO Asset Management	BMO	136	92,164	94,540	-2.5%	87,729
Vanguard Canada	VNG	2	64,205	54,712	16.8%	49,889
Horizons ETFs	HRZ	107	25,676	25,936	-1.0%	22,892
CI Investments	CM	86	18,553	18,577	-0.1%	15,966
Mackenzie	MFC	46	12,835	13,141	-2.3%	12,396
TD Asset Management	TDM	41	9,825	9,632	2.0%	7,789
National Bank	NBS	15	9,157	9,118	0.4%	6,394
Purpose Investments	PFC	50	7,667	7,710	-0.6%	6,867
Invesco ETFs	AIM	33	5,203	5,267	-1.2%	4,643
RBC Global Asset Management	RBC	49	4,470	4,453	0.4%	3,974
Fidelity	FID	40	3,904	3,907	-0.1%	3,265
Scotia Global Asset Management	BNS	26	3,606	3,635	-0.8%	3,490
Harvest Portfolios	HPG	21	3,286	3,303	-0.5%	2,858
Evolve Funds	EVL	25	2,865	2,791	2.7%	2,184
CIBC Asset Management	CIB	27	2,639	2,666	-1.0%	2,483
Manulife Investment Management	MNL	18	2,605	2,512	3.7%	2,390
Hamilton ETFs	HAM	12	2,428	2,455	-1.1%	1,790
PIMCO Canada	PMC	6	2,150	2,133	0.8%	2,078
Desjardins Investments	DJD	18	1,855	1,891	-1.9%	1,625
Franklin Templeton	FLS	12	1,262	1,285	-2.5%	1,308
AGFQ	AGF	10	1,153	1,200	-3.9%	1,151
Picton Mahoney Asset Management	PMF	8	655	631	3.9%	573
Ninepoint Partners	NPP	8	614	680	-8.8%	644
Bromton Funds	BRM	10	564	567	-0.5%	521
Middlefield	MDG	6	491	273	79.5%	270
First Trust Portfolios Canada	FTP	23	368	374	-1.6%	363
Bristol Gate Capital Partners	BRI	2	227	230	-1.3%	112
Guardian Capital LP	GCL	2	218	222	-1.9%	229
3iQ	3IQ	2	209	284	-26.6%	553
Emerge Canada	EMR	11	122	110	10.4%	104
IA Clarington	IAC	5	104	103	0.9%	40
Lysander Funds	LYS	3	80	82	-2.4%	75
Russell Investments Canada	RUS	3	69	70	-1.9%	52
Accelerate Financial	ACL	4	63	67	-5.8%	69
Arrow Capital Management	ACM	3	46	46	0.2%	40
Starlight Investments	STR	2	24	25	-2.3%	25
SmarBe Wealth	SBW	2	11	13	-15.7%	23
Caldwell	CAL	1	5	5	-2.2%	5
Norpp	NOR	1	-	-	-	5
Mulvihill Capital Management	MLV	1	-	-	-	-
Total		1,075	\$ 367,999	\$ 372,927	-1.4%	\$ 339,668

*Source: Investor Economics

Market Share by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	Dec 2022
BlackRock Canada	BLK	26.4%	26.4%	-0.2%	27.3%
BMO Asset Management	BMO	25.1%	25.4%	-0.3%	25.8%
Vanguard Canada	VNG	14.7%	14.7%	0.1%	14.7%
Horizons ETFs	HRZ	7.0%	7.0%	-	6.7%
CI Investments	CM	5.0%	5.0%	0.1%	4.7%
Mackenzie	MFC	3.5%	3.5%	-	3.6%
TD Asset Management	TDM	2.7%	2.6%	0.1%	2.3%
National Bank	NBS	2.5%	2.4%	-	1.9%
Purpose Investments	PFC	2.1%	2.1%	-	2.0%
Invesco ETFs	AIM	1.4%	1.4%	-	1.4%
RBC Global Asset Management	RBC	1.2%	1.2%	-	1.2%
Fidelity	FID	1.1%	1.0%	-	1.0%
Scotia Global Asset Management	BNS	1.0%	1.0%	-	1.0%
Harvest Portfolios	HPG	0.9%	0.9%	-	0.8%
Evolve Funds	EVL	0.8%	0.7%	-	0.6%
CIBC Asset Management	CIB	0.7%	0.7%	-	0.7%
Manulife Investment Management	MNL	0.7%	0.7%	-	

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New ETFs Launched in 2023 - Top Funds by AUM

ETF Name	Ticker	Management	Code	AUM	% of Total
1 Hamilton Canadian Bank Equal-Weight Index ETF	HEB	HAM	BLK	\$ 499	0.1%
2 BMO US Aggregate Bond Index ETF (Hedged Units)	ZUAG.F	BMO	HRZ	349	0.1%
3 Hamilton Canadian Financials Yield Maximizer ETF	HMAX	HAM	HRZ	326	0.1%
4 Horizons 0-3 Month T-Bill ETF	CBIL	HRZ	HRZ	241	0.1%
5 Horizons 0-3 Month U.S. T-Bill ETF	UEIL.U	HRZ	HRZ	178	-
6 BMO US TIPS Index ETF (USD-Units)	TIPS.U	BMO	HRZ	73	-
7 Purpose USD Cash Management Fund (ETF Series)	MNU.U	PFC	HRZ	58	-
8 CI Global Minimum Downside Volatility Index ETF (Unhedged Common Units)	CGDV.B	CIM	HRZ	44	-
9 Harvest Travel & Leisure Income ETF	TRVI	HPG	HRZ	33	-
10 iShares Core Canadian 15+ Year Federal Bond Index ETF	XYLB	BLK	HRZ	30	-
11 iShares 20+ Year U.S. Treasury Bond Index ETF (CAD-Hedged)	XTLH	BLK	HRZ	28	-
12 RBC Canadian Dividend Covered Call ETF	RDCD	RBC	HRZ	25	-
13 iShares S&P 500 Enhanced Yield Fund (CAD-Unhedged) (ETF Series)	ESFX.B	EVL	HRZ	16	-
14 BMO Covered Call Energy ETF	ZWEN	BMO	HRZ	12	-
15 RBC Target 2024 Government Bond ETF	RQQL	RBC	HRZ	11	-
16 Premium Cash Management Fund	MCAD	EVL	HRZ	10	-
17 Manulife Smart Global Bond ETF	GBND	MNL	HRZ	10	-
18 RBC Target 2025 Government Bond ETF	RQJN	RBC	HRZ	10	-
19 RBC Target 2026 Government Bond ETF	RQQC	RBC	HRZ	10	-
20 RBC Target 2028 Government Bond ETF	RQQO	RBC	HRZ	9	-
21 BMO Covered Call Health Care ETF	ZWHC	BMO	HRZ	8	-
22 CIIC Canadian Short-Term Bond Index ETF	CSBI	CIB	HRZ	8	-
23 RBC Target 2027 Government Bond ETF	RQGP	RBC	HRZ	8	-
24 RBC U.S. Discount Bond ETF (CAD Units)	RUDB	RBC	HRZ	7	-
25 CI U.S. Minimum Downside Volatility Index ETF (Hedged Common Units)	CIUV	CIM	HRZ	7	-
				\$ 2,010	0.5%

*Source: Investor Economics

New ETFs Launched in 2023 - Top Funds by Current Month Net Creations

ETF Name	Ticker	Management	Code	Net Creations	% of Total
1 Horizons 0-3 Month T-Bill ETF	CBIL	HRZ	HRZ	\$ 194	6.2%
2 Horizons 0-3 Month U.S. T-Bill ETF	UEIL.U	HRZ	HRZ	85	2.7%
3 Hamilton Canadian Financials Yield Maximizer ETF	HMAX	HAM	HRZ	70	2.2%
4 Purpose USD Cash Management Fund (ETF Series)	MNU.U	PFC	HRZ	44	1.4%
5 BMO US Aggregate Bond Index ETF (Hedged Units)	ZUAG.F	BMO	HRZ	31	1.0%
6 Harvest Travel & Leisure Income ETF	TRVI	HPG	HRZ	27	0.9%
7 BMO US TIPS Index ETF (USD-Units)	TIPS.U	BMO	HRZ	11	0.4%
8 RBC Target 2024 Government Bond ETF	RQQL	RBC	HRZ	11	0.3%
9 Hamilton Canadian Bank Equal-Weight Index ETF	HEB	HAM	HRZ	11	0.3%
10 Premium Cash Management Fund	MCAD	EVL	HRZ	10	0.3%
11 Manulife Smart Global Bond ETF	GBND	MNL	HRZ	10	0.3%
12 RBC Target 2025 Government Bond ETF	RQJN	RBC	HRZ	10	0.3%
13 RBC Target 2026 Government Bond ETF	RQQC	RBC	HRZ	10	0.3%
14 RBC Target 2028 Government Bond ETF	RQQO	RBC	HRZ	9	0.3%
15 iShares 20+ Year U.S. Treasury Bond Index ETF (CAD-Hedged)	XTLH	BLK	HRZ	9	0.3%
16 RBC Target 2027 Government Bond ETF	RQGP	RBC	HRZ	8	0.3%
17 RBC U.S. Discount Bond ETF (CAD Units)	RUDB	RBC	HRZ	5	0.2%
18 Fidelity Global Innovators ETF	FINN	FID	HRZ	3	0.1%
19 CI U.S. Minimum Downside Volatility Index ETF (Hedged Common Units)	CIUV	CIM	HRZ	3	0.1%
20 Fidelity Greater Canada Fund (ETF Series)	FCGC	FID	HRZ	3	0.1%
21 RBC Target 2029 Government Bond ETF	RQGR	RBC	HRZ	3	0.1%
22 RBC Canadian Dividend Covered Call ETF	RDCD	RBC	HRZ	3	0.1%
23 CI Balanced Allocation ETF	CBAL	CIM	HRZ	2	0.1%
24 iShares 20+ Year U.S. Treasury Bond Index ETF (USD Units)	XTLT.U	BLK	HRZ	2	0.1%
25 BMO Covered Call Health Care ETF	ZWHC	BMO	HRZ	1	0.0%
				\$ 574	18.3%

*Source: Investor Economics

Net Creations by Asset Category

Asset Category	Current Month	Previous Month	Change	YTD 2023	% of Total
Total	\$ 3,146	\$ 2,093	42.8%	\$ 17,628	100.0%
Fixed Income	1,127	1,052	7.2%	5,526	31.3%
Investment grade	1,135	1,056	7.5%	5,553	31.5%
Corporate	155	307	-57.8%	799	4.5%
Government	379	403	-5.8%	2,010	11.4%
Mix	601	287	109.8%	2,745	15.6%
High yield	(8)	(4)	-99.9%	(28)	-0.2%
Corporate	(4)	(113)	96.2%	(65)	-0.4%
Emerging markets	15	49	-69.8%	(306)	-1.7%
Mix	(18)	59	-130.3%	344	2.0%
Equity	939	(14)	-	6,024	34.2%
Canada	472	(1,036)	145.6%	493	2.8%
US	(421)	(268)	-57.3%	(1,355)	-7.7%
Emerging Markets	293	416	-29.5%	1,185	6.7%
International	309	643	-51.9%	2,717	15.4%
North America	14	(26)	151.3%	102	0.6%
Europe	17	(21)	180.4%	(95)	-0.2%
Global	21	(97)	121.6%	153	0.9%
Sector	234	375	-37.6%	2,764	15.7%
Agriculture	(8)	(7)	-18.3%	(32)	-0.2%
Consumer staples	(1)	9	-114.0%	26	0.1%
Energy	71	(136)	152.2%	(97)	-0.6%
Financials	133	367	-76.6%	1,227	7.0%
Health care	55	38	42.1%	356	2.0%
Industrials	2	(4)	150.0%	35	0.2%
Utilities & Infrastructure	60	20	199.3%	236	1.3%
Materials	(56)	(19)	-195.1%	(20)	-0.1%
Metals	(25)	(7)	-255.9%	(38)	-0.2%
Mutuals	53	25	114.3%	-	-
Real estate	(34)	(89)	62.0%	(54)	-0.3%
Technology	(15)	(23)	34.4%	(133)	-0.8%
Commodities	48	(56)	186.1%	184	1.0%
Energy	35	(28)	225.9%	281	1.6%
Metals	8	(23)	136.3%	(106)	-0.6%
Multi-asset class	161	146	10.8%	788	4.5%
Money market	902	958	-5.8%	5,455	30.9%
Currency	78	136	-42.0%	287	1.6%
Cryptocurrency	(113)	(25)	-353.0%	(651)	-3.7%
Volatility	3	7	-60.9%	15	0.1%
of which inverse/leveraged	\$ 13	\$ (9)	241.6%	\$ 219	1.2%

*Source: Investor Economics

Market Share by Asset Category

Asset Category	Current Month	Previous Month	Change	Dec 2022
Total	100.0%	100.0%	-	100.0%
Fixed Income	24.2%	24.0%	0.3%	24.4%
Investment grade	21.6%	21.4%	0.3%	21.6%
Corporate	6.3%	6.3%	-	6.5%
Government	3.8%	3.7%	0.1%	3.5%
Mix	11.6%	11.4%	0.1%	11.6%
High yield	2.6%	2.6%	-	2.8%
Corporate	0.7%	0.7%	-	0.7%
Emerging markets	0.4%	0.4%	-	0.5%
Mix	1.5%	1.5%	-	1.5%
Equity	64.9%	65.5%	-0.6%	65.8%
Canada	20.2%	20.8%	-0.7%	21.6%
US	20.4%	20.2%	0.2%	20.9%
Emerging Markets	2.1%	2.1%	0.1%	1.9%
International	8.9%	9.0%	-0.1%	8.2%
North America	0.5%	0.5%	-	0.5%
Europe	0.3%	0.3%	-	0.3%
Global	3.9%	3.9%	-	4.0%
Sector	8.6%	8.6%	-	8.3%
Agriculture	0.1%	0.1%	-	0.1%
Consumer staples	0.1%	0.1%	-	0.1%
Energy	0.9%	1.0%	-0.1%	1.1%
Financials	1.2%	1.3%	-	1.2%
Health care	0.9%	0.9%	-	0.9%
Industrials	-	-	-	-
Utilities & Infrastructure	1.2%	1.2%	-	1.2%
Materials	0.6%	0.6%	-0.1%	0.6%
Metals	0.1%	0.1%	-	0.1%
Mutuals	0.6%	0.6%	-	0.2%
Real estate	0.8%	0.9%	-	0.9%
Technology	2.2%	2.0%	0.2%	1.8%
Commodities	0.6%	0.6%	-	0.7%
Energy	0.1%	0.1%	-	0.1%
Metals	0.4%	0.4%	-	0.5%
Multi-asset class	3.8%	3.8%	-	3.8%
Money market	5.4%	5.1%	0.3%	4.5%
Currency	0.4%	0.3%	-	0.3%
Cryptocurrency	0.7%	0.7%	-0.1%	0.6%
Volatility	-	-	-	-
of which inverse/leveraged	0.4%	0.4%	-	0.4%

*Source: Investor Economics

CETFA Monthly Report (\$ millions)

as of May 31, 2023

AUM of ETFs by Provider by Asset Category

Asset Category	BlackRock	BMO	Vanguard	Horizons	CI Investments	Mackenzie	TD	National Bank	Purpose	Invesco	RBC	Fidelity	Scotia	Harvest	Evolve	CIBC	Manulife	Hamilton	PIMCO	Desjardins
Management Code	BLK	BMO	VNG	HRZ	CIM	MFC	TDM	NBS	PFC	AIM	RBC	FID	BNS	HPG	EVL	CIB	MNL	HAM	PMC	DJD
Total	\$ 96,221	\$ 92,164	\$ 54,205	\$ 25,876	\$ 18,553	\$ 12,838	\$ 9,825	\$ 9,157	\$ 7,667	\$ 5,203	\$ 4,470	\$ 3,904	\$ 3,606	\$ 3,286	\$ 2,865	\$ 2,639	\$ 2,605	\$ 2,428	\$ 2,150	\$ 1,855
Fixed Income	17,817	25,123	8,444	4,654	2,990	6,008	2,904	4,390	797	1,859	2,689	1,308	857	–	32	1,899	440	–	2,150	250
Investment grade	17,274	25,791	8,444	4,571	2,947	3,450	2,882	3,245	557	1,820	2,658	1,308	609	–	32	1,851	440	–	140	250
Corporate	4,584	9,605	1,304	771	665	945	53	47	501	387	1,686	128	473	–	–	1,209	413	–	16	7
Government	2,909	7,167	75	158	871	400	1,820	–	–	383	58	–	–	–	–	8	–	–	–	34
Mix	9,781	9,019	7,065	3,642	1,412	2,104	1,010	3,198	56	1,050	914	1,180	136	–	32	634	27	–	124	209
High yield	543	2,332	–	84	43	2,558	22	1,145	240	39	31	–	248	–	–	49	–	–	–	2,010
Corporate	396	1,677	–	84	16	39	22	–	85	39	31	–	–	–	–	–	–	–	–	–
Emerging markets	98	646	–	–	–	736	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	49	9	–	–	–	1,783	–	1,145	155	–	–	–	248	–	–	49	–	–	2,010	–
Equity	72,642	62,866	38,425	13,734	7,214	6,746	6,890	4,373	512	3,309	1,780	2,120	2,748	3,286	927	737	2,165	2,428	–	1,604
Canada	26,054	20,197	8,592	6,221	1,619	1,688	1,759	1,872	9	1,160	692	370	689	103	112	156	790	588	–	901
US	18,305	21,087	18,945	4,437	462	2,656	1,971	17	84	1,950	564	874	789	472	67	366	345	501	–	246
Emerging Markets	2,480	1,754	1,633	78	194	631	–	–	7	–	42	–	349	–	–	54	333	–	–	205
International	11,388	10,354	4,809	600	874	785	1,215	520	52	31	206	514	135	–	30	96	706	–	–	173
North America	179	138	–	396	60	542	–	–	320	–	3	–	76	127	–	–	–	–	–	–
Europe	–	741	–	93	–	10	–	–	11	–	–	–	–	–	–	–	–	–	–	–
Global	3,304	1,070	4,451	532	1,465	410	374	894	15	156	1	353	667	4	–	60	1	46	–	79
Sector	10,932	7,524	295	1,377	2,340	15	1,572	1,079	25	2	272	9	45	2,581	718	2	–	1,293	–	–
Agriculture	374	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	221	67	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	1,798	293	–	122	480	–	–	–	–	1	–	–	9	80	–	2	–	–	–	–
Financials	1,573	1,245	–	218	86	–	–	–	–	269	–	–	11	86	64	–	–	947	–	–
Health care	584	410	–	96	296	–	43	–	3	–	–	–	–	1,349	262	–	–	–	–	–
Industrials	–	78	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	627	2,983	–	3	6	6	105	–	–	–	–	–	24	161	–	–	–	–	–	–
Materials	1,670	64	–	104	157	–	–	–	–	–	–	–	–	–	62	–	–	–	–	–
Metals	237	96	–	80	–	–	–	–	–	1	–	–	–	16	–	–	–	–	–	–
Multiple	–	–	–	183	–	–	–	1,079	4	–	–	–	–	345	22	–	–	346	–	–
Real estate	1,172	617	295	68	650	10	62	–	18	–	–	–	–	12	2	–	–	–	–	–
Technology	2,676	1,665	–	503	656	–	1,362	–	–	2	1	9	–	533	305	–	–	–	–	–
Commodities	1,126	–	–	570	196	–	4	–	293	–	–	–	–	–	–	–	–	–	–	–
Energy	–	–	–	390	–	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	1,126	–	–	180	81	–	–	–	219	–	–	–	–	–	–	–	–	–	–	–
Multi-asset class	4,110	559	7,335	297	19	82	27	394	324	35	–	412	–	–	–	3	–	–	–	–
Money market	525	–	–	6,155	7,332	–	–	–	3,973	–	–	–	–	–	1,755	–	–	–	–	–
Currency	–	616	–	–	–	–	–	–	586	–	–	–	–	–	–	–	–	–	–	–
Cryptocurrency	–	–	–	38	802	–	–	–	1,182	–	–	64	–	–	151	–	–	–	–	–
Volatility	–	–	–	53	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

*Source: Investor Economics

Number of ETFs by Provider by Asset Category

Asset Category	BlackRock	BMO	Vanguard	Horizons	CI Investments	Mackenzie	TD	National Bank	Purpose	Invesco	RBC	Fidelity	Scotia	Harvest	Evolve	CIBC	Manulife	Hamilton	PIMCO	Desjardins
Management Code	BLK	BMO	VNG	HRZ	CIM	MFC	TDM	NBS	PFC	AIM	RBC	FID	BNS	HPG	EVL	CIB	MNL	HAM	PMC	DJD
Total	146	136	37	107	86	46	41	15	50	33	49	40	26	21	25	27	18	12	6	18
Fixed Income	36	41	9	11	21	19	10	5	7	6	22	4	6	–	2	10	4	–	6	5
Investment grade	32	35	9	9	17	12	8	4	4	5	20	4	5	–	2	5	4	–	5	5
Corporate	12	14	2	3	3	2	4	1	2	1	10	1	3	–	–	2	2	–	1	1
Government	10	14	1	2	3	1	2	–	1	8	–	–	–	–	–	1	–	–	–	1
Mix	10	7	6	4	11	9	2	3	2	3	2	3	2	–	2	2	2	–	4	3
High yield	4	6	–	2	4	7	2	1	3	1	2	–	–	–	–	5	–	–	–	1
Corporate	1	4	–	2	3	1	2	–	1	1	2	–	–	–	–	–	–	–	–	–
Emerging markets	1	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	2	1	–	–	–	4	–	1	2	–	–	–	–	1	–	5	–	–	–	1
Equity	98	88	23	70	52	23	28	9	24	26	27	29	20	21	17	14	14	12	–	13
Canada	18	10	3	15	7	3	6	3	2	6	5	6	4	3	2	3	4	4	–	4
US	25	23	6	10	9	3	7	1	6	13	4	12	4	2	1	3	5	2	–	3
Emerging Markets	8	3	1	1	3	4	–	–	1	–	2	–	3	–	–	1	1	–	–	2
International	16	10	7	4	5	5	4	2	3	3	7	3	4	–	1	4	3	–	–	2
North America	1	2	–	3	2	1	–	–	6	–	2	–	1	1	–	–	–	–	–	–
Europe	–	1	–	1	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–
Global	9	6	5	3	10	4	5	2	3	2	1	6	1	1	–	2	1	2	–	2
Sector	21	33	1	33	16	2	6	1	3	1	6	2	3	14	13	1	–	4	–	–
Agriculture	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	2	3	–	3	1	–	–	–	–	–	1	–	1	2	–	1	–	–	–	–
Financials	2	3	–	4	1	–	–	–	–	–	3	–	1	1	2	–	–	3	–	–
Health care	2	4	–	6	3	–	1	–	1	–	–	–	–	2	1	–	–	–	–	–
Industrials	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	2	4	–	1	2	1	1	–	–	–	–	–	1	2	–	–	–	–	–	–
Materials	3	1	–	2	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Metals	1	2	–	3	–	–	–	–	–	1	–	–	–	1	–					

CETFA Monthly Report (\$ millions)

as of May 31, 2023

AUM of ETFs by Provider by Asset Category

Asset Category	Franklin Templeton	AGF	Picton Mahoney	Ninepoint	Brompton	Middlefield	First Trust	Bristol Gate	Guardian	3IQ	Emerge	IA Clarington	Lysander	Russell	Accelerate	Arrow	Starlight	SmartBe	Caldwell	Norrep	Mulvihill
Management Code	FLS	AGF	PMF	NPP	BRM	MDG	FTP	BRI	GCL	3IQ	EMR	IAC	LYS	RUS	ACL	ACM	STR	SBWI	CAL	NOR	MLV
Total	\$ 1,262	\$ 1,153	\$ 855	\$ 614	\$ 564	\$ 491	\$ 368	\$ 227	\$ 218	\$ 209	\$ 122	\$ 104	\$ 80	\$ 69	\$ 63	\$ 46	\$ 24	\$ 11	\$ 5	\$ --	\$ --
Fixed Income	517	162	384	34	57	44	65	384	65	384	65	70	8	41	25	25	24	11	5	--	--
Investment grade	507	162	340	33	57	--	44	--	65	--	--	36	8	41	--	25	--	--	--	--	--
Corporate	20	--	338	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Government	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mix	486	162	1	33	57	--	--	--	65	--	--	36	8	41	--	25	--	--	--	--	--
High yield	10	--	44	1	--	--	44	--	--	--	--	34	--	--	--	25	--	--	--	--	--
Corporate	--	--	--	--	--	--	36	--	--	--	--	--	--	--	--	25	--	--	--	--	--
Emerging markets	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mix	10	--	44	1	--	--	8	--	--	--	--	22	--	--	--	--	--	--	--	--	--
Equity	743	991	229	536	289	491	306	227	152	--	122	--	72	28	11	3	24	11	5	--	--
Canada	157	60	18	--	--	--	57	10	4	--	--	--	72	28	11	3	24	11	5	--	--
US	295	466	--	--	--	36	167	217	--	--	--	1	--	--	--	--	--	--	8	5	--
Emerging Markets	5	49	--	--	--	--	--	--	8	--	1	--	--	--	--	--	--	--	--	--	--
International	45	43	--	3	8	--	20	--	4	--	--	--	--	--	--	--	--	--	--	--	--
North America	--	--	--	--	--	--	--	--	--	--	1	--	--	--	7	--	--	--	--	--	--
Europe	160	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Global	33	126	211	--	82	53	3	--	131	--	2	--	--	--	--	--	--	--	--	--	--
Sector	18	248	--	533	179	401	50	--	5	--	116	--	28	--	--	--	24	--	--	--	--
Agriculture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Consumer staples	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Energy	--	--	--	533	--	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Financials	--	--	--	--	40	--	--	--	--	--	6	--	--	--	--	--	--	--	--	--	--
Health care	--	--	--	--	56	161	--	--	--	--	14	--	--	--	--	--	--	--	--	--	--
Industrials	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Utilities & Infrastructure	14	248	--	--	--	48	--	--	--	--	--	--	--	28	--	--	--	--	--	--	12
Materials	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple	--	--	--	--	--	--	--	--	--	--	80	--	--	--	--	--	--	--	--	--	--
Real estate	--	--	--	--	--	99	--	--	5	--	--	--	--	--	--	--	12	--	--	--	--
Technology	4	--	--	--	82	93	47	--	--	--	15	--	--	--	--	--	--	--	--	--	--
Commodities	--	--	--	--	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Energy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multi-asset class	2	--	43	--	202	--	18	--	1	--	--	34	--	--	52	18	--	--	--	--	--
Money market	--	--	--	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Currency	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cryptocurrency	--	--	--	26	--	--	--	--	--	209	--	--	--	--	--	--	--	--	--	--	--
Volatility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

*Source: Investor Economics

Number of ETFs by Provider by Asset Category

Asset Category	Franklin Templeton	AGF	Picton Mahoney	Ninepoint	Brompton	Middlefield	First Trust	Bristol Gate	Guardian	3IQ	Emerge	IA Clarington	Lysander	Russell	Accelerate	Arrow	Starlight	SmartBe	Caldwell	Norrep	Mulvihill
Management Code	FLS	AGF	PMF	NPP	BRM	MDG	FTP	BRI	GCL	3IQ	EMR	IAC	LYS	RUS	ACL	ACM	STR	SBWI	CAL	NOR	MLV
Total	21	10	8	8	10	6	23	2	10	2	11	5	3	3	4	3	2	2	1	1	1
Fixed Income	7	2	3	2	1	--	2	--	1	--	--	1	3	2	1	--	2	1	--	--	--
Investment grade	6	2	2	1	1	--	--	--	1	--	--	--	1	2	1	--	--	--	--	--	--
Corporate	1	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Government	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mix	5	2	1	1	1	--	--	--	1	--	--	1	2	1	--	--	--	--	--	--	--
High yield	1	--	1	1	--	--	2	--	--	--	--	2	--	--	--	--	1	--	--	--	--
Corporate	--	--	--	--	--	--	1	--	--	--	--	1	--	--	--	--	--	--	--	--	--
Emerging markets	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mix	1	--	1	1	--	--	1	--	--	--	--	1	--	--	--	--	--	--	--	--	--
Equity	13	8	3	4	6	6	20	2	8	--	11	--	1	2	2	1	2	2	1	1	1
Canada	2	1	1	--	--	--	1	1	1	--	--	--	1	--	1	1	--	--	1	--	1
US	2	2	--	--	--	1	9	1	--	--	1	--	--	--	--	--	--	1	1	--	--
Emerging Markets	1	1	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
International	2	1	--	2	1	--	2	--	1	--	--	--	--	--	--	--	--	--	--	--	--
North America	--	--	--	--	--	--	--	--	--	--	1	--	--	--	1	--	--	--	--	--	--
Europe	1	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Global	3	2	2	--	1	1	1	--	4	--	2	--	--	--	--	--	--	--	--	--	1
Sector	2	1	--	2	3	4	7	--	1	--	6	--	--	2	--	--	--	2	--	--	--
Agriculture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Consumer staples	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Energy	--	--	--	2	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Financials	--	--	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--
Health care	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Industrials	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Utilities & Infrastructure	1	1	--	--	--	1	--	--	--	--	--	--	--	2	--	--	--	1	--	--	--
Materials	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--
Real estate	--	--	--	--	--	1	--	--	1	--	--	--	--	--	--	--	--	1	--	--	--
Technology	1	--	--	--	1	1	6	--	--	--	3	--	--	--	--	--	--	--	--	--	--
Commodities	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Energy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multi-asset class	1	--	2	--	2	--	1	--	1	--	--	--	--	--	2	1	--	--	--	--	--
Money market	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Currency	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cryptocurrency	--	--	--																		

CETFA Monthly Report (\$ millions)

as of May 31, 2023

AUM by Asset Category

Asset Category	Current Month	Previous Month	Change	Dec 2022
Total	\$ 367,599	\$ 372,927	-1.4%	\$ 339,668
Fixed income	89,020	89,326	-0.3%	82,771
Investment grade	79,518	79,700	-0.2%	73,353
Corporate	23,151	23,315	-0.7%	22,037
Government	13,884	13,830	0.4%	11,751
Mix	42,483	42,555	-0.2%	39,565
High yield	9,502	9,626	-1.3%	9,418
Corporate	2,461	2,506	-1.8%	2,449
Emerging markets	1,480	1,483	-0.2%	1,761
Mix	5,534	5,609	-1.3%	5,180
Equity	238,748	244,287	-2.3%	223,579
Canada	74,180	77,741	-4.6%	73,313
US	75,040	75,504	-0.6%	70,915
Emerging Markets	7,824	7,707	1.5%	6,586
International	32,611	33,382	-2.3%	27,996
North America	1,849	1,901	-2.7%	1,779
Europe	1,035	1,098	-5.8%	1,038
Global	14,517	14,728	-1.4%	13,646
Sector	31,693	32,227	-1.7%	28,307
Agriculture	379	426	-11.0%	480
Consumer staples	288	306	-5.8%	258
Energy	3,330	3,570	-6.7%	3,797
Financials	4,546	4,748	-4.2%	3,945
Health care	3,276	3,368	-2.7%	3,061
Industrials	78	77	1.8%	40
Utilities & Infrastruct	4,264	4,368	-2.4%	4,103
Materials	2,058	2,279	-9.7%	1,959
Metals	430	488	-11.9%	457
Multiple	2,061	2,098	-1.8%	815
Real estate	3,023	3,193	-5.3%	3,137
Technology	7,953	7,300	8.9%	6,248
Commodities	2,205	2,267	-2.7%	2,211
Energy	394	419	-6.0%	427
Metals	1,606	1,640	-2.0%	1,583
Multi-asset class	13,967	14,097	-0.9%	12,740
Money market	19,758	18,857	4.8%	15,221
Currency	1,377	1,302	5.8%	1,031
Cryptocurrency	2,471	2,736	-9.7%	2,039
Volatility	53	54	-2.2%	76

*Source: Investor Economics