

CETFA Monthly Report (\$ millions)

as of November 30, 2023

Top 25 ETFs by Net Creations - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2023
1 iShares S&P/TSX 60 Index ETF	XIU	BLK	\$ 703	\$ 985
2 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	675	298
3 Horizons Cdn Select Universe Bond ETF	HBB	HRZ	654	1,568
4 BMO S&P 500 Index ETF	ZSP	BMO	617	(790)
5 BMO Mid Provincial Bond Index ETF	ZMP	BMO	536	539
6 Purpose Bitcoin ETF (CAD-Unhedged)	BTCC.B	PFC	389	599
7 Evolve High Interest Savings Account ETF	HSA	EVL	357	603
8 BMO Short Provincial Bond Index ETF	ZPS	BMO	305	280
9 BMO Long Federal Bond Index ETF	ZFL	BMO	250	1,316
10 CI Galaxy Bitcoin ETF (CAD-Unhedged)	BTCC.B	CM	204	332
11 Vanguard S&P 500 Index ETF	VFV	VNG	187	1,732
12 NBI Sustainable Canadian Bond ETF	NSCB	NBS	182	1,720
13 Horizons Equal Weight Banks Index ETF	HBK	HRZ	180	432
14 Horizons High Interest Savings ETF	CASH	HRZ	171	3,479
15 BMO Aggregate Bond Index ETF	ZAG	BMO	171	(343)
16 3iQ CoinShares Bitcoin ETF	BTCC	3IQ	158	(413)
17 BetaPro Natural Gas Leveraged Daily Bull ETF	HNU	HRZ	143	651
18 CI High Interest Savings ETF	CSAV	CM	138	3,593
19 iShares S&P/TSX Capped Energy Index ETF	XEG	BLK	132	(413)
20 TD Global Technology Leaders Index ETF	TEC	TDM	104	288
21 BMO Short Corporate Bond Index ETF	ZCS	BMO	83	129
22 CI Alternative Investment Grade Credit Fund	ORED	CM	80	310
23 Hamilton U.S. Equity Yield Maximizer ETF	SMAX	HAM	74	85
24 Vanguard Canadian Long-Term Bond Index ETF	VLB	VNG	73	137
25 BMO Government Bond Index ETF	ZGB	BMO	64	512
Top 25			\$ 6,631	\$ 17,729

*Source: Investor Economics

Top 25 ETFs by Net Redemptions - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2023
1 BMO Mid Federal Bond Index ETF	ZFM	BMO	\$ (963)	\$ (584)
2 BMO Short Federal Bond Index ETF	ZFS	BMO	(659)	(859)
3 Mackenzie Emerging Markets Local Currency Bond Index ETF	QBEL	MFC	(336)	(817)
4 BMO MSCI EAFE Index ETF	ZEAF	BMO	(237)	508
5 BMO High Yield US Corporate Bond Hedged ETF	ZHY	BMO	(174)	110
6 BMO High Yield US Corporate Bond Index ETF	ZJK	BMO	(155)	98
7 BMO Equal Weight Banks Index ETF	ZEB	BMO	(139)	1,069
8 BMO Mid-Term U.S. IG Corporate Bond Index Hedged to CAD ETF	ZMU	BMO	(129)	275
9 iShares Floating Rate Index ETF	BLK	HRZ	(113)	273
10 Vanguard Canadian Short-Term Bond Index ETF	VSB	VNG	(112)	(354)
11 TD U.S. Equity Index ETF	TPU	TDM	(105)	(68)
12 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	(104)	87
13 BMO Ultra Short-Term Bond ETF	ZST	BMO	(86)	148
14 BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	(80)	290
15 Purpose US Cash Fund	PSU.U	PFC	(79)	245
16 Guardian Canadian Bond ETF	GCL	GCL	(67)	(54)
17 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	(60)	(872)
18 AGF US Market Neutral Anti-Beta CAD-Hedged ETF	QBT	AGF	(59)	(64)
19 iShares ESG Aware MSCI Emerging Markets Index ETF	XSEM	BLK	(51)	2,590
20 BetaPro Natural Gas Inverse Leveraged Daily Bear ETF	HND	HRZ	(49)	(338)
21 BMO Japan Index ETF	ZJPN	BMO	(47)	182
22 Invesco Canadian Dividend Index ETF	PDC	AIM	(46)	(76)
23 Mackenzie US Large Cap Equity Index ETF	QUU	MFC	(44)	(104)
24 Mackenzie Canadian Aggregate Bond Index ETF	QBB	MFC	(38)	256
25 BMO Broadfield Global Renewables Infrastructure Fund (ETF Series)	GRNI	BMO	(32)	(127)
Top 25			\$ (3,615)	\$ 1,776

*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	\$ 13,369	3.3%
2 iShares S&P/TSX 60 Index ETF	XIU	BLK	11,939	3.0%
3 Vanguard S&P 500 Index ETF	VFV	VNG	9,805	2.4%
4 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	9,583	2.4%
5 CI High Interest Savings ETF	CSAV	CM	8,878	2.2%
6 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	8,639	2.2%
7 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	7,073	1.8%
8 Vanguard U.S. Total Market Index ETF	VUN	VNG	6,708	1.7%
9 iShares Core MSCI EAFE All Index ETF	XEF	BLK	6,641	1.7%
10 iShares Core Canadian Universe Bond Index ETF	XBB	BLK	6,458	1.6%
11 BMO MSCI EAFE Index ETF	ZEAF	BMO	6,408	1.6%
12 BMO Aggregate Bond Index ETF	ZAG	BMO	6,162	1.5%
13 Vanguard FTSE Canada All Cap Index ETF	VCA	VNG	5,769	1.4%
14 iShares Core S&P 500 Index ETF	XUS	BLK	5,031	1.3%
15 Vanguard Growth ETF Portfolio	VGRO	VNG	4,364	1.1%
16 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	4,341	1.1%
17 BMO Equal Weight Banks Index ETF	ZEB	BMO	4,026	1.0%
18 Purpose High Interest Savings Fund	PSA	PFC	3,988	1.0%
19 Horizons High Interest Savings ETF	CASH	HRZ	3,965	1.0%
20 Horizons Cdn Select Universe Bond ETF	HSB	HRZ	3,636	0.9%
21 Vanguard FTSE Developed All Cap ex North America Index ETF	VIU	VNG	3,580	0.9%
22 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	3,449	0.9%
23 BMO Long Federal Bond Index ETF	ZFL	BMO	3,194	0.8%
24 BMO Low Volatility Canadian Equity ETF	ZLB	BMO	3,148	0.8%
25 Vanguard All-Equity ETF Portfolio	VEQT	VNG	3,106	0.8%
Top 25			\$ 153,261	38.3%

*Source: Investor Economics

Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2023	% of Total
BlackRock Canada	BLK	\$ 1,846	\$ 1,236	49.3%	\$ 5,669	14.5%
Horizons ETFs	HRZ	1,196	273	338.1%	6,010	15.4%
CI Investments	CM	565	162	249.5%	3,875	9.9%
Evolve Funds	EVL	427	(391)	208.1%	1,043	2.7%
Fidelity	FLS	381	99	286.3%	1,604	4.1%
Purpose Investments	PFC	361	173	109.3%	1,585	4.0%
Vanguard Canada	VNG	323	348	-7.2%	4,760	12.2%
RBC Global Asset Management	RBC	304	236	28.9%	1,580	4.0%
TD Asset Management	TDM	210	208	0.8%	2,533	6.5%
Hamilton ETFs	HAM	209	83	152.3%	1,428	3.6%
3iQ	3IQ	161	56	174.6%	(405)	-
National Bank	NBS	155	115	34.7%	3,938	10.1%
Manulife Investment Management	MNL	94	(85)	210.5%	243	0.6%
Invesco ETFs	AIM	70	(167)	141.9%	369	0.9%
Desjardins Investments	DJD	29	49	-41.6%	130	0.3%
Franklin Templeton	FLS	41	17	145.1%	(235)	-
CIBC Asset Management	CIB	29	38	-24.4%	184	0.5%
Desjardins Investments	DJD	29	49	-41.6%	130	0.3%
Scotia Global Asset Management	BNS	21	86	-75.9%	291	0.7%
Brompton Funds	BRM	11	23	-54.7%	135	0.3%
First Trust Portfolios Canada	FTP	10	4	162.6%	7	-
Bristol Gate Capital Partners	BRI	2	(3)	160.8%	10	1.8%
Russell Investments Canada	RUS	2	(4)	143.0%	15	-
Forstrong Global Asset Management	FORS	1	32	-95.4%	37	0.1%
Tralucant Asset Management	TGF	1	1	-	1	-
Mulvihill Capital Management	MLV	1	2	-70.7%	3	-
Starlight Investments	STR	-	-	-	(1)	-
Lysander Funds	LVS	(2)	(2)	118.8%	-	-
Caldwell	CAL	(1)	(1)	-	-	-
Accelerate Financial	ACF	-	-	-	(6)	-
IA Clearing	IAC	(1)	2	-145.4%	(12)	-
Picton Mahoney Asset Management	PMF	(4)	21	-121.2%	106	0.3%
Arrow Capital Management	ACM	(5)	5	-199.2%	12	-
PMCO Canada	PMC	(6)	(6)	-7.4%	155	0.4%
Ninepoint Partners	NPP	(6)	11	-157.4%	(44)	-
Midfield	MDF	(6)	(7)	-118.3%	10	0.1%
Guardian Capital LP	GCL	(27)	6	-570.7%	31	0.1%
AGF Investments	AGF	(72)	(47)	-54.0%	(150)	-
BMO Asset Management	BMO	(106)	519	-120.4%	4,137	10.6%
Mackenzie	MFC	(148)	(148)	-118.7%	(20)	-
Total		\$ 5,949	\$ 2,999	98.3%	\$ 39,139	-

*Source: Investor Economics

AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2022
BlackRock Canada	BLK	8	\$ 104,877	\$ 87,056	8.1%	\$ 92,637
BMO Asset Management	BMO	152	95,683	90,927	5.2%	87,729
Vanguard Canada	VNG	37	59,733	55,913	6.8%	49,889
Horizons ETFs	HRZ	119	28,896	27,404	5.4%	22,892
CI Investments	CM	88	20,853	18,686	6.8%	15,966
Mackenzie	MFC	50	12,539	12,203	2.7%	12,395
TD Asset Management	TDM	41	11,391	10,434	9.2%	7,789
National Bank	NBS	15	10,593	9,625	6.7%	6,394
Purpose Investments	PFC	53	9,410	8,846	6.4%	8,667
RBC Global Asset Management	RBC	41	5,718	5,236	9.2%	3,974
Invesco ETFs	AIM	36	5,315	4,946	7.5%	4,643
Fidelity	FLS	40	5,172	4,540	13.9%	5,265
Scotia Global Asset Management	BNS	30	4,042	3,790	6.6%	3,490
Harvest Portfolios	HPS	21	3,604	3,300	9.2%	2,858
Evolve Funds	EVL	28	3,394	2,883	17.8%	2,184
Hamilton ETFs	HAM	16	2,129	2,722	-14.9%	1,790
Manulife Investment Management	MNL	18	2,804	2,514	11.5%	2,390
CIBC Asset Management	CIB	27	2,791	2,657	5.0%	2,483
PMCO Canada	PMC	6	2,241	2,177	2.9%	2,078
Desjardins Investments	DJD	18	1,845	1,740	6.0%	1,625
Franklin Templeton	FLS	12	1,174	1,076	9.1%	1,308
AGF Investments	AGF	12	1,079	1,124	-4.0%	1,151
Picton Mahoney Asset Management	PMF	8	690	683	1.0%	573
Brompton Funds	BRM	11	663	618	7.3%	521
Ninepoint Partners	NPP	8	634	683	-7.1%	644
Midfield	MDF	2	500	315	58.6%	500
First Trust Portfolios Canada	FTP	23	401	369	8.7%	360
Guardian Capital LP	GCL	10	263	289	-8.9%	229
Bristol Gate Capital Partners	BRI	2	237	219	8.2%	194
IA Clearing	IAC	8	105	102	3.7%	112
Lysander Funds	LVS	3	83	77	6.6%	75
Mulvihill Capital Management	MLV	2	75	68	9.4%	-
Russell Investments Canada	RUS	3	65	60	8.7%	52
Accelerate Financial	ACF	4	64	64	0.6%	69
Arrow Capital Management	ACM	3	51	55	-7.4%	40
Forstrong Global Asset Management	FORS	4	38	35	8.6%	55
Starlight Investments	STR	2	22	21	8.5%	25
Caldwell	CAL	1	4	4	16.6%	5
Tralucant Asset Management	TGF	1	1	-	-	-
Total		1,104	\$ 400,637	\$ 375,307	6.7%	\$ 339,668

*Source: Investor Economics

Market Share by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	Dec 2022
BlackRock Canada	BLK	26.2%	25.9%	0.3%	27.3%
BMO Asset Management	BMO	23.9%	24.2%	-0.3%	25.8%
Vanguard Canada	VNG	14.9%	14.9%	-	14.7%
Horizons ETFs	HRZ	7.2%	7.3%	-0.1%	6.7%
CI Investments	CM	5.2%	5.2%	-	4.7%
Mackenzie	MFC	3.1%	3.3%	-0.1%	3.6%
TD Asset Management	TDM	2.8%	2.8%	0.1%	2.3%
National Bank	NBS	2.6%	2.6%	-	1.9%
Purpose Investments	PFC	2.3%	2.4%	-	2.0%
RBC Global Asset Management	RBC	1.4%	1.4%	-	1.2%
Invesco ETFs	AIM	1.3%	1.3%	-	1.4%
Fidelity	FLS	1.3%	1.2%	0.1%	1.0%
Scotia Global Asset Management	BNS	1.0%	1.0%	-	1.0%
Harvest Portfolios	HPS	0.9%	0.9%	-	0.8%
Evolve Funds	EVL	0.8%	0.8%	0.1%	0.6%
Hamilton ETFs	HAM	0.8%	0.7%	0.1%	0.5%
Manulife Investment Management	MNL	0.7%	0.7%	-	0.7%
CIBC Asset Management	CIB	0.7%	0.7%	-	0.7%
PMCO Canada	PMC	0.6%	0.6%	-	0.6%
Desjardins Investments	DJD	0.5%	0.5%	-	0.5%
Franklin Templeton	FLS	0.3%	0.3%	-	0.4%
AGF Investments	AGF	0.3%	0.3%	-	0.3%
Picton Mahoney Asset Management	PMF	0.2%	0.2%	-	0.2%
Brompton Funds	BRM	0.2%	0.2%	-	0.2%
Ninepoint Partners	NPP	0.2%	0.2%	-	0.2%
3iQ	3IQ	0.1%	0.1%	-	0.2%
Midfield	MDF	0.1%	0.1%	-	0.1%
First Trust Portfolios Canada	FTP	0.1%	0.1%	-	0.1%
Guardian Capital LP	GCL	0.1%	0.1%	-	0.1%
Bristol Gate Capital Partners	BRI	0.1%	0.1%	-	0.1%
IA Clearing	IAC	-	-	-	-
Lysander Funds	LVS	-	-	-	-
Mulvihill Capital Management	MLV	-	-	-	-
Russell Investments Canada	RUS	-	-	-	-
Accelerate Financial	ACF	-	-	-	-
Arrow Capital Management	ACM	-	-	-	-
Forstrong Global Asset Management	FORS	-	-	-	-
Starlight Investments	STR	-	-	-	-
Caldwell	CAL	-	-	-	-
Tralucant Asset Management	TGF	-	-	-	-

*Source: Investor Economics

CETFA Monthly Report (\$ millions)
as of November 30, 2023

New ETFs Launched in 2023 - Top Funds by AUM

ETF Name	Ticker	Code	Management	AUM	% of Total
1 Hamilton Canadian Financials Yield Maximizer ETF	HMAX	HAM	\$	567	0.1%
2 Hamilton Canadian Bank Equal-Weight Index ETF	HEB	HAM		538	0.1%
3 Horizons 0-3 Month T-Bill ETF	CBIL	HRZ		508	0.1%
4 Horizons Equal Weight Banks Index ETF	HBNK	HRZ		440	0.1%
5 BMO US Aggregate Bond Index ETF (Hedged Units)	ZUNG.F	BMO		348	0.1%
6 Horizons 0-3 Month U.S. T-Bill ETF	UBIL.U	HRZ		247	0.1%
7 Hamilton Utilities Yield Maximizer ETF	UNAX	HAM		197	–
8 BMO USD Cash Management ETF (CAD Units)	ZUCM	BMO		127	–
9 iShares 20+ Year U.S. Treasury Bond Index ETF (CAD-Hedged)	XTLH	BLK		110	–
10 iShares 20+ Year U.S. Treasury Bond Index ETF (USD Units)	XTLT.U	BLK		109	–
11 Harvest Premium Yield Treasury ETF	HPYT	HRZ		109	–
12 Guardian Ultra-Short Canadian T-Bill Fund (ETF Series)	GCTB	GCL		87	–
13 Fidelity Global Innovators ETF	FINN	FID		86	–
14 Hamilton U.S. Equity Yield Maximizer ETF	SMAX	HAM		86	–
15 Brompton Split Corp. Preferred Share ETF (CAD Units)	SPLT	BRM		83	–
16 BMO US TIPS Index ETF (USD-Units)	TIPS.U	BMO		70	–
17 CI Global Minimum Downside Volatility Index ETF (Unhedged Common Units)	CGDVB	CIM		68	–
18 BMO S&P/TSX 60 Index ETF	ZIU	BMO		63	–
19 Mackenzie Canadian Government Long Bond Index ETF	QLB	MFC		62	–
20 Harvest Travel & Leisure Income ETF	TRVI	HPG		59	–
21 Hamilton U.S. Bond Yield Maximizer ETF	HBND	HAM		54	–
22 RBC U.S. Discount Bond ETF (CAD Units)	RUCB	RBC		54	–
23 Guardian Ultra-Short U.S. T-Bill Fund (ETF Series)	GUTB.U	GCL		52	–
24 Fidelity Global Small Cap Opportunities Fund (ETF Series)	FCGS	FID		51	–
25 Fidelity Greater Canada Fund (ETF Series)	FCGC	FID		51	–
			\$	4,201	1.0%

*Source: Investor Economics

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

ETF Name	Ticker	Code	Management	Net Creations	% of Total
1 Horizons Equal Weight Banks Index ETF	HBNK	HRZ	\$	180	3.0%
2 Hamilton U.S. Equity Yield Maximizer ETF	SMAX	HAM		74	1.2%
3 Mackenzie Canadian Government Long Bond Index ETF	QLB	MFC		60	1.0%
4 Harvest Premium Yield Treasury ETF	HPYT	HRZ		58	1.0%
5 iShares 20+ Year U.S. Treasury Bond Index ETF (CAD-Hedged)	XTLH	BLK		53	0.9%
6 Horizons 0-3 Month T-Bill ETF	CBIL	HRZ		46	0.8%
7 Mackenzie US Government Long Bond Index ETF	OTLT	MFC		46	0.8%
8 Hamilton Technology Yield Maximizer ETF	QMAX	HAM		43	0.7%
9 Guardian Ultra-Short Canadian T-Bill Fund (ETF Series)	GCTB	GCL		42	0.7%
10 BMO USD Cash Management ETF (CAD Units)	ZUCM	BMO		28	0.5%
11 Hamilton Utilities Yield Maximizer ETF	UNAX	HAM		26	0.4%
12 Mackenzie Canadian Ultra Short Bond Index ETF	QASH	MFC		23	0.4%
13 Guardian Ultra-Short U.S. T-Bill Fund (ETF Series)	GUTB.U	GCL		23	0.4%
15 BMO Long Short US Equity ETF	ZLSU	BMO		23	0.4%
16 Hamilton Canadian Bank Equal-Weight Index ETF	HEB	HAM		21	0.4%
17 Hamilton Canadian Financials Yield Maximizer ETF	HMAX	HAM		18	0.3%
18 Fidelity Global Small Cap Opportunities Fund (ETF Series)	FCGS	FID		17	0.3%
19 Invesco International Developed Dynamic Multifactor Index ETF	IMF	AIM		17	0.3%
20 Horizons 0-3 Month U.S. T-Bill ETF	UBIL.U	HRZ		15	0.3%
21 Brompton Split Corp. Preferred Share ETF (CAD Units)	SPLT	BRM		15	0.2%
22 RBC U.S. Discount Bond ETF (CAD Units)	RUCB	RBC		14	0.2%
23 Horizons Enhanced Canadian Oil and Gas Equity Covered Call ETF	ENCL	HRZ		13	0.2%
24 TD Canadian Bank Dividend Index ETF	TBNC	TDM		13	0.2%
25 CI Global Minimum Downside Volatility Index ETF (Unhedged Common Units)	CGDV.B	CIM		12	0.2%
			\$	903	15.2%

*Source: Investor Economics

Net Creations by Asset Category

Asset Category	Current Month	Previous Month	Change	YTD 2023	% of Total 2023
Total	\$ 5,949	\$ 2,999	98.3%	\$ 35,159	100.0%
Fixed Income	974	1,729	-45.4%	12,491	31.9%
Investment grade	1,559	1,889	-17.5%	13,038	33.3%
Corporate	118	(21)	659.0%	1,581	4.0%
Government	350	676	-48.3%	4,603	11.8%
Mix	1,091	1,234	-11.5%	6,854	17.5%
High yield	(585)	(169)	-246.6%	(548)	-1.4%
Corporate	(252)	(19)	–	(50)	-0.1%
Emerging markets	(338)	(139)	-138.2%	(633)	-2.1%
Mix	21	(32)	167.6%	303	0.8%
Equity	3,183	901	555.1%	13,571	34.7%
Canada	1,498	77	–	4,173	10.7%
US	1,123	318	252.8%	(235)	-0.6%
Emerging Markets	(49)	(18)	-168.4%	2,652	6.8%
International	(182)	139	-231.0%	2,709	7.0%
North America	(2)	(12)	86.4%	277	0.7%
Europe	(28)	(2)	–	(48)	-0.1%
Global	132	(52)	356.0%	737	1.9%
Sector	699	51	–	3,283	8.4%
Agriculture	6	(49)	112.5%	(101)	-0.3%
Consumer staples	(3)	(3)	2.0%	(2)	–
Enerov	144	8	–	(538)	-1.4%
Financials	241	158	52.7%	1,309	4.9%
Health care	(29)	(15)	-95.6%	310	0.8%
Industrials	(2)	(23)	93.0%	2	–
Utilities & Infrastructure	69	(12)	666.1%	251	0.6%
Materials	34	8	327.0%	(143)	-0.4%
Metals	–	(6)	101.2%	(74)	-0.2%
Multisite	(23)	21	-209.0%	–	–
Real estate	74	–	–	(57)	-0.1%
Technology	181	(37)	592.7%	379	1.0%
Commodities	92	(26)	456.8%	144	0.4%
Enerov	107	–	–	327	0.8%
Metals	(10)	(22)	56.2%	(206)	-0.5%
Multi-asset class	88	188	-52.8%	1,895	4.3%
Money market	824	333	147.3%	10,498	26.8%
Currency	(105)	25	-613.2%	115	0.3%
Cryptocurrency	897	269	233.5%	616	1.6%
Volatility	(4)	(11)	61.2%	8	–
of which inverse/leveraged	\$ 98	\$ (148)	166.3%	\$ 94	0.2%

*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	23.6%	24.3%	-0.7%	24.4%
Investment grade	21.4%	21.8%	-0.4%	21.6%
Corporate	6.0%	6.2%	-0.2%	6.5%
Government	4.0%	4.0%	–	3.5%
Mix	11.4%	11.6%	-0.2%	11.6%
High yield	2.3%	2.5%	-0.2%	2.8%
Corporate	0.6%	0.7%	-0.1%	0.7%
Emerging markets	0.2%	0.3%	-0.1%	0.5%
Mix	1.4%	1.4%	–	1.5%
Equity	64.3%	63.6%	0.7%	65.8%
Canada	19.9%	19.5%	0.4%	21.6%
US	20.5%	20.3%	0.3%	20.9%
Emerging Markets	2.4%	2.4%	–	1.9%
International	8.4%	8.5%	-0.1%	8.2%
North America	0.5%	0.5%	–	0.5%
Europe	0.3%	0.3%	–	0.3%
Global	4.0%	4.0%	–	4.0%
Sector	8.3%	8.1%	0.2%	8.3%
Agriculture	0.1%	0.1%	–	0.1%
Consumer staples	0.1%	0.1%	–	0.1%
Enerov	0.9%	0.9%	-0.1%	1.1%
Financials	1.4%	1.3%	0.1%	1.2%
Health care	0.8%	0.8%	–	0.9%
Industrials	–	–	–	–
Utilities & Infrastructure	1.0%	1.0%	–	1.2%
Materials	0.5%	0.5%	–	0.6%
Metals	0.1%	0.1%	–	0.1%
Multisite	0.5%	0.5%	–	0.2%
Real estate	0.7%	0.7%	–	0.9%
Technology	2.3%	2.2%	0.1%	1.8%
Commodities	0.6%	0.6%	–	0.7%
Enerov	0.1%	0.1%	–	0.1%
Metals	0.4%	0.4%	–	0.5%
Multi-asset class	3.8%	3.8%	–	3.8%
Money market	6.3%	6.6%	-0.3%	4.6%
Currency	0.2%	0.2%	–	0.2%
Cryptocurrency	1.1%	0.9%	0.2%	0.6%
Volatility	–	–	–	–
of which inverse/leveraged	0.3%	0.4%	–	0.4%

*Source: Investor Economics

CETFA Monthly Report (\$ millions)

as of November 30, 2023

AUM of ETFs by Provider by Asset Category

Asset Category	BlackRock	BMO	Vanguard	Horizons	CI Investments	Mackenzie	TD	National Bank	Purpose	RBC	Invesco	Fidelity	Scotia	Harvest	Evolve	Hamilton	Manulife	CIBC	PIMCO	Desjardins
Management Code	BLK	BMO	VNG	HRZ	CIM	MFC	TDM	NBS	PFC	RBC	AIM	FID	BNS	HPG	EVL	HAM	MNL	CIB	PMC	DJD
Total	\$ 104,877	\$ 95,683	\$ 59,733	\$ 28,896	\$ 20,853	\$ 12,539	\$ 11,391	\$ 10,593	\$ 9,410	\$ 5,718	\$ 5,315	\$ 5,172	\$ 4,042	\$ 3,604	\$ 3,394	\$ 3,129	\$ 2,804	\$ 2,791	\$ 2,241	\$ 1,845
Fixed income	19,275	28,668	8,568	5,514	2,883	5,452	3,103	5,722	862	3,996	1,658	1,533	1,081	109	40	54	349	1,965	2,241	355
Investment grade	18,713	26,383	8,568	5,372	2,837	3,437	3,060	4,697	637	3,962	1,631	1,533	759	109	29	54	349	1,910	136	355
Corporate	4,353	9,681	1,231	748	667	867	86	42	565	2,655	353	131	615	–	–	–	318	1,241	14	9
Government	3,178	7,879	66	921	944	498	1,794	–	–	248	346	–	–	109	–	54	–	8	–	69
Mix	11,182	8,823	7,271	3,703	1,226	2,072	1,180	4,655	72	1,059	933	1,402	144	–	29	–	31	661	122	276
High yield	561	2,285	–	141	46	2,014	43	1,025	226	34	27	–	322	–	11	–	–	55	2,105	–
Corporate	417	1,681	–	93	19	40	43	–	71	34	27	–	–	–	–	–	–	–	–	–
Emerging markets	91	596	–	–	–	268	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	53	8	–	–	–	1,706	–	1,025	154	–	–	–	322	–	11	–	–	55	2,105	–
Equity	79,354	65,269	43,314	14,327	7,496	6,981	8,236	4,463	646	1,722	3,638	2,735	2,961	3,495	1,029	3,075	2,455	824	–	1,490
Canada	28,600	21,449	9,455	6,373	1,885	1,811	1,935	1,859	14	649	1,063	469	794	108	141	646	935	188	–	799
US	19,214	23,414	21,693	4,157	598	2,633	2,139	22	154	572	2,410	1,073	872	471	78	569	339	397	–	266
Emerging Markets	4,522	1,456	1,654	85	163	654	–	–	10	43	–	–	349	–	–	–	373	59	–	179
International	12,249	9,500	5,163	657	1,130	929	1,321	657	55	193	67	517	81	–	21	–	794	104	–	163
North America	167	130	–	411	85	561	–	–	361	7	–	–	229	103	–	–	–	–	–	–
Europe	–	746	–	98	–	6	–	–	–	–	7	–	–	–	–	–	–	–	–	–
Global	3,791	1,138	5,085	606	1,430	371	583	835	30	1	87	584	610	5	–	46	14	74	–	82
Sector	10,811	7,437	265	1,941	2,205	16	2,258	1,090	22	257	3	92	36	2,808	789	1,814	–	1	–	–
Agriculture	316	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	197	65	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	1,774	303	–	156	493	–	–	–	1	2	–	–	2	70	–	–	–	1	–	–
Financials	1,525	1,398	–	742	78	–	–	–	254	–	–	–	10	92	101	1,224	–	–	–	–
Health care	576	340	–	86	233	–	59	–	3	–	–	–	–	1,435	243	–	–	–	–	–
Industrials	–	44	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	555	2,731	–	–	–	6	111	–	–	–	–	–	24	176	–	170	–	–	–	–
Materials	1,542	65	–	124	137	–	–	–	–	–	–	–	–	–	70	–	–	–	–	–
Metals	199	83	–	103	–	–	–	–	1	–	–	–	–	16	–	–	–	–	–	–
Multiple	–	–	–	185	–	–	–	1,090	2	–	–	–	–	391	57	370	–	–	–	–
Real estate	1,165	587	265	–	553	10	70	–	17	–	–	–	–	12	–	–	–	–	–	–
Technology	2,962	1,818	–	493	700	–	2,018	–	–	1	1	92	–	616	317	50	–	–	–	–
Commodities	1,062	–	–	636	220	–	4	–	289	–	–	–	–	–	–	–	–	–	–	–
Energy	–	–	–	445	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	1,062	–	–	191	85	–	–	–	223	–	–	–	–	–	–	–	–	–	–	–
Multi-asset class	4,528	602	7,851	278	20	106	49	409	349	–	20	741	–	–	–	–	–	3	–	–
Money market	658	1,145	–	7,825	8,884	–	–	–	4,437	–	–	–	–	–	2,091	–	–	–	–	–
Currency	–	–	–	172	–	–	–	–	635	–	–	–	–	–	–	–	–	–	–	–
Cryptocurrency	–	–	–	22	1,349	–	–	–	2,192	–	–	163	–	–	234	–	–	–	–	–
Volatility	–	–	–	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

*Source: Investor Economics

Number of ETFs by Provider by Asset Category

Asset Category	BlackRock	BMO	Vanguard	Horizons	CI Investments	Mackenzie	TD	National Bank	Purpose	RBC	Invesco	Fidelity	Scotia	Harvest	Evolve	Hamilton	Manulife	CIBC	PIMCO	Desjardins
Management Code	BLK	BMO	VNG	HRZ	CIM	MFC	TDM	NBS	PFC	RBC	AIM	FID	BNS	HPG	EVL	HAM	MNL	CIB	PMC	DJD
Total	143	152	37	119	88	50	41	15	53	41	36	40	30	21	28	16	18	27	6	18
Fixed income	36	42	9	14	21	22	10	5	7	21	6	4	8	1	3	1	4	10	6	5
Investment grade	32	36	9	9	17	15	8	4	4	19	5	4	7	1	2	1	5	5	5	5
Corporate	12	14	2	3	3	2	4	1	2	9	1	1	4	–	–	–	2	2	1	1
Government	10	15	1	2	3	3	2	–	–	8	1	–	–	1	–	1	–	1	–	–
Mix	10	7	6	4	11	10	2	3	2	2	3	3	3	–	2	–	2	2	4	3
High yield	4	6	–	5	4	7	2	1	3	2	1	–	1	–	1	–	–	5	1	–
Corporate	1	4	–	2	3	1	2	–	1	2	1	–	–	–	–	–	–	–	–	–
Emerging markets	1	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	2	1	–	–	–	4	–	1	2	–	–	–	1	–	1	–	–	5	1	–
Equity	95	103	23	79	52	24	28	9	28	20	29	29	22	20	18	15	14	14	–	13
Canada	16	12	3	17	7	3	6	3	2	3	6	6	4	3	2	4	4	3	–	4
US	22	28	6	11	9	3	7	1	6	2	14	12	5	1	1	3	5	3	–	3
Emerging Markets	8	3	1	1	3	4	–	–	1	2	–	–	3	–	–	–	1	1	–	2
International	13	10	7	4	5	5	4	2	3	4	4	3	4	–	1	–	3	4	–	2
North America	1	2	–	3	2	1	–	–	7	2	–	–	1	1	–	–	–	–	–	–
Europe	–	1	–	–	–	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Global	9	9	5	7	10	5	5	2	6	1	2	6	2	1	–	2	1	2	–	2
Sector	26	38	1	35	16	2	6	1	3	6	2	2	3	14	14	6	–	1	–	–
Agriculture	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	3	3	–	4	1	–	–	–	–	1	1	–	1	2	–	–	–	1	–	–
Financials	3	4	–	8	1	–	–	–	–	3	–	–	–	1	2	3	–	–	–	–
Health care	2	5	–	4	3	–	1	–	1	–	–	–	–	2	1	–	–	–	–	–
Industrials	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	3	5	–	–	2	1	1	–	–	–	–	–	1	2	–	1	–	–	–	–
Materials	3	1	–	2	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Metals	1	2	–	3	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–
Multiple	–	–	–	1	–	–	–	1	1	–	–	–	–	2	2	1	–	–	–	–
Real estate	2	3	1	3	3	1	3	–	1	–	–	–	–	–	1	–	–	–	–	–
Technology	7	11	–	10	4	–	3	–	–	1	1	2	–	3	8	1	–	–	–	–
Commodities	2	–	–	14	2	–	1	–	3	–	–	–	–	–	–	–	–	–	–	–
Energy	–	–	–	7	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	2	–	–	7	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–
Multi-asset class	9	6	5	3	6	4	2	1	5	–	1	5	–	–	–	–	–	3	–	–
Money market	1	1	–	5	3	–	–	–	3	–	–	–	–	–	4	–	–	–	–	–
Currency	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cryptocurrency	–	–	–	1	4	–	–	–	6	–	–	2	–	–	3	–	–	–	–	–
Volatility	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

CETFA Monthly Report (\$ millions)

as of November 30, 2023

AUM of ETFs by Provider by Asset Category																				
Asset Category	Franklin Templeton	AGF	Picton Mahoney	Brompton	Ninepoint	3IQ	Middlefield	First Trust	Guardian	Bristol Gate	IA Clarington	Lysander	Mulvihill	Russell	Accelerate	Arrow	Forstrong	Starlight	Caldwell	Tralucant Asset Management
Management Code	FLS	AGF	PMF	BRM	NPP	3IQ	MDG	FTP	GCL	BRI	IAC	LYS	MLV	RUS	ACL	ACM	FORS	STR	CAL	TGF
Total	\$ 1,174	\$ 1,079	\$ 690	\$ 663	\$ 634	\$ 500	\$ 454	\$ 401	\$ 263	\$ 237	\$ 105	\$ 83	\$ 75	\$ 65	\$ 64	\$ 51	\$ 39	\$ 22	\$ 4	\$ 1
Fixed Income	444	151	338	140	22	–	–	57	–	–	71	9	–	38	–	40	1	–	–	–
Investment grade	444	151	311	140	21	–	–	–	–	–	40	9	–	38	–	–	1	–	–	–
Corporate	–	–	310	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Government	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	444	151	1	140	21	–	–	–	–	–	40	9	–	38	–	–	1	–	–	–
High yield	–	–	27	–	1	–	–	57	–	–	30	–	–	–	–	40	–	–	–	–
Corporate	–	–	–	–	–	–	–	36	–	–	12	–	–	–	–	40	–	–	–	–
Emerging markets	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	–	–	27	–	1	–	–	21	–	–	18	–	–	–	–	–	–	–	–	–
Equity	728	928	260	304	565	–	454	328	123	237	1	74	75	27	20	5	38	22	4	1
Canada	187	48	21	–	–	–	–	64	4	12	–	74	69	–	3	5	–	–	–	–
US	292	436	–	–	–	–	–	37	186	–	226	–	–	–	–	–	–	–	–	–
Emerging Markets	3	52	–	–	–	–	–	–	–	7	–	–	–	–	–	–	1	–	–	–
International	47	52	–	9	2	–	–	15	5	–	–	–	–	–	–	–	–	–	–	–
North America	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17	–	–	–	–	–
Europe	190	–	–	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Global	9	124	239	78	–	–	–	54	3	103	–	1	–	–	–	–	37	–	–	1
Sector	–	216	–	197	563	–	–	363	59	5	–	–	6	27	–	–	–	22	–	–
Agriculture	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	–	–	–	–	563	–	–	9	–	–	–	–	–	–	–	–	–	–	–	–
Financials	–	–	–	44	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Health care	–	–	–	50	–	–	148	–	–	–	–	–	6	–	–	–	–	–	–	–
Industrials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	–	216	–	–	–	–	30	–	–	–	–	–	–	27	–	–	–	11	–	–
Materials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multiple	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Real estate	–	–	–	–	–	–	–	95	–	5	–	–	–	–	–	–	–	12	–	–
Technology	–	–	–	102	–	–	–	90	51	–	–	–	–	–	–	–	–	–	–	–
Commodities	–	–	–	–	17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multi-asset class	2	–	92	202	–	–	–	16	1	–	34	–	–	–	44	6	–	–	–	–
Money market	–	–	–	–	23	–	–	–	139	–	–	–	–	–	–	–	–	–	–	–
Currency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cryptocurrency	–	–	–	–	25	500	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Volatility	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

*Source: Investor Economics

Number of ETFs by Provider by Asset Category																				
Asset Category	Franklin Templeton	AGF	Picton Mahoney	Brompton	Ninepoint	3IQ	Middlefield	First Trust	Guardian	Bristol Gate	IA Clarington	Lysander	Mulvihill	Russell	Accelerate	Arrow	Forstrong	Starlight	Caldwell	Tralucant Asset Management
Management Code	FLS	AGF	PMF	BRM	NPP	3IQ	MDG	FTP	GCL	BRI	IAC	LYS	MLV	RUS	ACL	ACM	FORS	STR	CAL	TGF
Total	12	12	8	11	8	2	6	23	10	2	8	3	2	3	4	3	4	2	1	1
Fixed Income	2	2	3	2	2	–	–	2	–	–	5	2	–	1	–	1	1	–	–	–
Investment grade	2	2	2	2	1	–	–	–	–	–	3	2	–	1	–	–	–	–	–	–
Corporate	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Government	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	2	2	1	2	1	–	–	–	–	–	3	2	–	1	–	–	1	–	–	–
High yield	–	–	1	–	1	–	–	2	–	–	2	–	–	–	–	1	–	–	–	–
Corporate	–	–	–	–	–	–	–	1	–	–	1	–	–	–	–	1	–	–	–	–
Emerging markets	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	–	–	1	–	1	–	–	1	–	–	1	–	–	–	–	–	–	–	–	–
Equity	9	10	3	6	4	–	6	20	7	2	1	1	2	2	2	1	3	2	1	1
Canada	2	1	1	–	–	–	–	1	1	1	–	–	1	1	1	1	–	–	–	–
US	2	3	–	–	–	–	–	1	9	–	1	–	–	–	–	–	–	–	1	–
Emerging Markets	1	2	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1	–	–	–
International	2	1	–	1	2	–	–	2	1	–	–	–	–	–	–	–	–	–	–	–
North America	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Europe	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Global	1	2	2	1	–	–	–	1	1	3	–	1	–	–	–	–	2	–	–	1
Sector	–	1	–	3	2	–	–	4	7	1	–	–	1	2	–	–	–	2	–	–
Agriculture	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	–	–	–	–	2	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Financials	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Health care	–	–	–	–	–	–	–	1	–	–	–	–	1	–	–	–	–	–	–	–
Industrials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	–	1	–	–	–	–	–	1	–	–	–	–	–	2	–	–	–	1	–	–
Materials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multiple	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Real estate	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	1	–	–
Technology	–	–	–	1	–	–	–	1	6	–	–	–	–	–	–	–	–	–	–	–
Commodities	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multi-asset class	1	–	2	2	–	–	–	1	1	–	2	–	–	–	2	1	–	–	–	–
Money market	–	–	–	–	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–
Currency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cryptocurrency	–	–	–	–	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Volatility	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

*Source: Investor Economics

CETFA Monthly Report (\$ millions)

as of November 30, 2023

AUM by Asset Category

Asset Category	Current Month	Previous Month	Change	Dec 2022
Total	\$ 400,637	\$ 375,307	6.7%	\$ 339,668
Fixed income	94,735	91,249	3.8%	82,771
Investment grade	85,687	81,901	4.6%	73,353
Corporate	23,886	23,231	2.8%	22,037
Government	16,115	14,983	7.6%	11,751
Mix	45,687	43,687	4.6%	39,565
High yield	9,048	9,348	-3.2%	9,418
Corporate	2,512	2,750	-8.6%	2,449
Emerging markets	955	1,234	-22.6%	1,761
Mix	5,506	5,319	3.5%	5,180
Equity	257,705	238,621	8.0%	223,579
Canada	79,649	73,016	9.1%	73,313
US	82,253	76,033	8.2%	70,915
Emerging Markets	9,609	9,180	4.7%	6,586
International	33,732	31,925	5.7%	27,996
North America	2,072	1,961	5.6%	1,779
Europe	1,067	1,049	1.7%	1,038
Global	16,021	14,929	7.3%	13,646
Sector	33,302	30,526	9.1%	28,307
Agriculture	320	311	2.9%	480
Consumer staples	262	263	-0.3%	258
Energy	3,373	3,395	-0.6%	3,797
Financials	5,467	4,735	15.5%	3,945
Health care	3,179	3,060	3.9%	3,061
Industrials	44	43	2.4%	40
Utilities & Infrastructu	4,061	3,739	8.6%	4,103
Materials	1,939	1,758	10.3%	1,959
Metals	401	384	4.4%	457
Multiple	2,096	2,042	2.6%	815
Real estate	2,841	2,567	10.7%	3,137
Technology	9,311	8,223	13.2%	6,248
Commodities	2,227	2,179	2.2%	2,211
Energy	448	425	5.6%	427
Metals	1,561	1,531	1.9%	1,583
Multi-asset class	15,354	14,365	6.9%	12,740
Money market	25,302	24,651	2.6%	15,688
Currency	807	895	-9.9%	563
Cryptocurrency	4,485	3,313	35.4%	2,039
Volatility	22	34	-35.5%	76

*Source: Investor Economics