

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

Top 25 ETFs by Net Creations - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2023
1 iShares ESG Aware MSCI Emerging Markets Index ETF	XSEM	BLK	\$ 880	\$ 2,474
2 BMO Ultra Short-Term Bond ETF	ZST	BMO	446	210
3 CI High Interest Savings ETF	CSAV	CM	261	2,498
4 Horizons High Interest Savings ETF	CASH	HRZ	220	2,406
5 BMO High Yield US Corporate Bond Index ETF	ZJK	BMO	211	328
6 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	211	121
7 BMO High Yield US Corporate Bond Hedged ETF	ZHY	BMO	208	313
8 NBI Sustainable Canadian Bond ETF	NSCB	NBS	201	885
9 Purpose Cash Management Fund (ETF Series)	PMNY	PCF	158	338
10 Vanguard S&P 500 Index ETF	VFV	VNG	155	1,029
11 TD Global Technology Leaders Index ETF	TEC	TDM	136	46
12 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	132	(528)
13 Invesco S&P 500 Equal Weight Index ETF	EQL	AM	130	321
14 BMO Government Bond Index ETF	ZGB	BMO	125	547
15 iShares S&P/TSX 60 Index ETF	XIU	BLK	121	179
16 TD Canadian Long Term Federal Bond ETF	TCLB	TDM	101	539
17 CI WisdomTree Japan Equity Index ETF	JAPN	CM	94	328
18 Evolve High Interest Savings Account ETF	HSA	EVL	80	570
19 Horizons 0-3 Month T-Bill ETF	CBIL	HRZ	71	408
20 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	69	313
21 iShares Core MSCI EAFE All Index ETF	XEF	BLK	67	249
22 iShares Floating Rate Index ETF	XFR	BLK	66	300
23 Purpose US Cash Fund	PSU.U	PCF	66	255
24 Hamilton Canadian Financials Yield Maximizer ETF	HMAX	HAM	63	476
25 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	58	892
Top 25			\$ 4,330	\$ 14,975

*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	BMO	BMO	\$ (391)	\$ (1,839)
2 BMO MSCI EAFE Index ETF	ZEAF	BMO	(220)	763
3 BMO MSCI Emerging Markets Index ETF	ZEM	BMO	(183)	(214)
4 iShares S&P/TSX Capped Materials Index ETF	XMA	BLK	(157)	(2)
5 BMO Aggregate Bond Index ETF	ZAG	BMO	(152)	(332)
6 Purpose High Interest Savings Fund	PSA	PCF	(143)	(105)
7 BMO Long Federal Bond Index ETF	ZFL	BMO	(140)	766
8 BMO MSCI USA ESG Leaders Index ETF	ESGY	BMO	(123)	(188)
9 Vanguard Canadian Short-Term Bond Index ETF	VBIL	BMO	(119)	(398)
10 iShares Core S&P U.S. Total Market Index ETF	XUU	BLK	(110)	(196)
11 Horizons S&P 500 Index ETF	HXS	HRZ	(75)	(89)
12 BetaPro Crude Oil Leveraged Daily Bull ETF	HOU	HRZ	(65)	(32)
13 BMO Emerging Markets Index ETF	EMER	BMO	(61)	(16)
14 BMO China Equity Index ETF	ZCH	BMO	(51)	(19)
15 iShares S&P/TSX Capped Financials Index ETF	XFN	BLK	(50)	(95)
16 iShares Core S&P/TSX Composite High Dividend Index ETF	XEI	BLK	(49)	(67)
17 Franklin Bissett Short Duration Bond Active ETF	FLSD	FLS	(40)	(1)
18 Mackenzie US Large Cap Equity Index ETF	QUU	MFC	(42)	(68)
19 BMO S&P 500 Hedged to CAD Index ETF	ZUE	BMO	(41)	(17)
20 Franklin Bissett Core Plus Bond Active ETF	FLCP	FLS	(41)	(53)
21 Invesco Long Term Government Bond Index ETF	PGL	AM	(39)	185
22 Bitcoin ETF (Unhedged)	EBIT	EVL	(37)	-
23 iShares Core S&P 500 Index ETF	XUIS	BLK	(36)	(159)
24 Horizons 0-3 Month U.S. T-Bill ETF	UBIL.U	HRZ	(32)	270
25 Desjardins All Long/Short Equity Market Neutral ETF	DANC	DJD	(31)	(35)
Top 25			\$ (2,430)	\$ (1,758)

*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	\$ 12,022	3.1%
2 iShares S&P/TSX 60 Index ETF	XIU	BLK	11,376	2.9%
3 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	9,089	2.3%
4 Vanguard S&P 500 Index ETF	VFV	VNG	8,846	2.3%
5 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	8,594	2.2%
6 CI High Interest Savings ETF	CSAV	CM	7,775	2.0%
7 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	7,242	1.9%
8 BMO MSCI EAFE Index ETF	ZEAF	BMO	6,736	1.7%
9 iShares Core MSCI EAFE All Index ETF	XEF	BLK	6,420	1.7%
10 Vanguard U.S. Total Market Index ETF	VUN	VNG	6,418	1.7%
11 BMO Aggregate Bond Index ETF	ZAG	BMO	6,128	1.6%
12 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	5,877	1.5%
13 iShares Core S&P 500 Index ETF	XUIS	BLK	5,114	1.3%
14 iShares Core Canadian Universe Bond Index ETF	XBB	BLK	5,110	1.3%
15 Vanguard Growth ETF Portfolio	VGRG	VNG	4,210	1.1%
16 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	4,178	1.1%
17 BMO Equal Weight Banks Index ETF	ZEB	BMO	4,172	1.1%
18 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	3,817	1.0%
19 Purpose High Interest Savings Fund	PSA	PCF	3,682	0.9%
20 Horizons Cdn Select Universe Bond ETF	HBB	HRZ	3,537	0.9%
21 Vanguard FTSE Developed All Cap ex North America Index ETF	VUI	VNG	3,440	0.9%
22 BMO Low Volatility Canadian Equity ETF	ZLB	BMO	3,156	0.8%
23 BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	3,009	0.8%
24 BMO Covered Call Canadian Banks ETF	ZWB	BMO	2,993	0.8%
25 Horizons High Interest Savings ETF	CASH	HRZ	2,993	0.8%
Top 25			\$ 145,713	37.6%

*Source: Investor Economics

Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2023	% of Total 2023
BlackRock Canada	BLK	\$ 968	\$ 1,469	-34.1%	\$ 2,814	11.1%
Vanguard Canada	VNG	428	400	4.7%	2,870	11.3%
Horizons ETFs	HRZ	362	350	9.7%	3,644	14.3%
TD Asset Management	TDM	311	21	-	1,751	6.9%
CI Investments	CI	299	337	-11.5%	2,716	10.7%
National Bank	NBS	224	288	-22.5%	3,201	12.6%
BMO Asset Management	BMO	188	408	-62.3%	3,356	13.2%
Invesco ETFs	AIM	172	7	-	567	2.2%
Purpose Investments	PCF	160	312	-48.7%	830	3.3%
Fidelity	FID	157	182	-13.5%	887	3.5%
RBC Global Asset Management	RBC	129	146	-11.8%	763	3.0%
Hamilton ETFs	HAM	127	141	-9.7%	910	3.6%
Evolve Funds	EVL	125	113	10.5%	823	3.2%
PIMCO Canada	PMC	49	25	96.8%	138	0.5%
Scotia Global Asset Management	BNS	39	13	204.2%	93	0.4%
Guardian Capital LP	GCL	35	(1)	-	16	0.1%
Harvest Portfolios	HPG	30	50	-39.9%	505	2.0%
Manulife Investment Management	MNL	23	24	-1.8%	211	0.8%
CIBC Asset Management	CIB	21	3	715.7%	100	0.4%
Brompton Funds	BRM	17	4	323.4%	76	0.3%
Bristol Gate Capital Partners	BRI	4	(2)	302.8%	23	0.1%
Arrow Capital Management	ACM	2	1	182.7%	10	-
Russell Investments Canada	RUS	1	-	-	19	0.1%
First Trust Portfolios Canada	FTP	1	2	-61.2%	(8)	-
Emerge Canada	EMR	-	-	-	(6)	-
SmartBe Wealth	SBWI	-	(8)	-	(19)	-
Mulvihill Capital Management	MLV	-	-	-	-	-
Caldwell	CAL	-	-	-	-	-
Starlight Investments	STR	(1)	-	-	(1)	-
IA Clarington	IAC	(1)	(1)	-	(12)	-
Lyxander Funds	LYS	(1)	(1)	-	(1)	-
Picton Mahoney Asset Management	PMF	(3)	10	-125.4%	85	0.3%
Accelerate Financial	ACL	(3)	1	-741.8%	(8)	-
3IQ	3IQ	(4)	46	-108.2%	(581)	-
Midfielder	MID	(4)	-	-	57	-
AGFIQ	AGF	(10)	50	-120.6%	(0)	-
Ninepoint Partners	NPP	(28)	(4)	-526.6%	(9)	-
Mackenzie	MFC	(49)	(121)	59.5%	(152)	-
Desjardins Investments	DJD	(49)	(35)	-40.7%	108	0.4%
Franklin Templeton	FLS	(185)	(20)	-842.3%	(308)	-
Total		\$ 3,532	\$ 4,289	-17.6%	\$ 25,449	

*Source: Investor Economics

AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2022
BlackRock Canada	BLK	146	\$ 102,370	\$ 99,635	2.7%	\$ 82,637
BMO Asset Management	BMO	144	95,695	94,230	1.6%	87,729
Vanguard Canada	VNG	37	57,814	56,055	2.8%	49,889
Horizons ETFs	HRZ	17	27,201	26,309	3.4%	22,892
CI Investments	CI	88	19,526	19,045	2.5%	15,966
Mackenzie	MFC	46	12,952	12,872	0.6%	12,395
TD Asset Management	TDM	41	10,457	10,022	4.3%	7,769
National Bank	NBS	15	9,844	9,573	2.8%	6,394
Purpose Investments	PCF	49	8,205	8,087	1.5%	6,867
Invesco ETFs	AIM	36	5,586	5,336	4.7%	4,643
RBC Global Asset Management	RBC	40	4,829	4,662	3.6%	3,974
Fidelity	FID	40	4,393	4,168	5.4%	3,265
Scotia Global Asset Management	BNS	26	3,752	3,664	2.4%	3,490
Harvest Portfolios	HPG	21	3,526	3,432	2.7%	2,858
Evolve Funds	EVL	27	3,160	3,002	5.3%	2,184
Hamilton ETFs	HAM	13	2,838	2,637	7.6%	1,790
Manulife Investment Management	MNL	18	2,744	2,652	3.5%	2,390
CIBC Asset Management	CIB	27	2,680	2,662	1.1%	2,483
PIMCO Canada	PMC	6	2,245	2,185	2.8%	2,078
Desjardins Investments	DJD	18	1,811	1,832	-1.1%	1,625
AGFIQ	AGF	10	1,176	1,194	-1.5%	1,151
Franklin Templeton	FLS	12	1,094	1,260	-13.2%	1,308
Picton Mahoney Asset Management	PMF	8	666	669	-0.5%	573
Ninepoint Partners	NPP	8	659	622	5.8%	644
Brompton Funds	BRM	11	605	582	4.1%	521
Midfielder	MID	6	466	497	-1.1%	273
First Trust Portfolios Canada	FTP	23	391	382	2.5%	360
Guardian Capital LP	GCL	12	256	218	17.1%	229
3IQ	3IQ	2	256	271	-5.9%	353
Bristol Gate Capital Partners	BRI	2	243	233	4.6%	194
Emerge Canada	EMR	11	143	128	11.3%	104
IA Clarington	IAC	5	104	104	-	112
Lyxander Funds	LYS	8	80	80	-0.8%	75
Russell Investments Canada	RUS	3	69	69	0.0%	52
Accelerate Financial	ACL	4	61	64	-4.9%	69
Arrow Capital Management	ACM	3	49	46	4.8%	40
Starlight Investments	STR	2	23	24	-3.4%	25
Caldwell	CAL	1	5	5	0.8%	5
SmartBe Wealth	SBWI	1	4	4	4.6%	23
Mulvihill Capital Management	MLV	1	-	-	-	-
Total		1,089	\$ 387,820	\$ 378,501	2.5%	\$ 339,669

*Source: Investor Economics

Market Share by ETF Provider

ETF Provider	Code	Current Month	Previous Month	Change	Dec 2022
BlackRock Canada	BLK	26.4%	26.3%	0.1%	27.3%
BMO Asset Management	BMO	24.7%	24.9%	-0.2%	25.8%
Vanguard Canada	VNG	14.9%	14.8%	-	14.7%
Horizons ETFs	HRZ	7.0%	6.9%	0.1%	6.7%
CI Investments	CI	5.0%	5.0%	-	4.7%
Mackenzie	MFC	3.3%	3.4%	-0.1%	3.6%
TD Asset Management	TDM	2.7%	2.6%	-	2.3%
National Bank	NBS	2.5%	2.5%	-	1.9%
Purpose Investments	PCF	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%	1.1%	-	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%	0.8%	-	0.8%
Hamilton ETFs	HAM	0.7%	0.7%	-	0.5%
Manulife Investment Management	MNL	0.7%	0.7%	-	0.7%
CIBC Asset Management	CIB	0.7%	0.7%	-	0.7%
PIMCO Canada	PMC	0.6%	0.6%	-	0.6%
Desjardins Investments	DJD	0.5%	0.5%	-	0.5%
AGFIQ	AGF	0.3%	0.3%	-	0.3%
Franklin Templeton	FLS	0.3%	0.3%	-0.1%	0.4%
Picton Mahoney Asset Management	PMF	0.2%	0.2%	-	0.2%
Ninepoint Partners	NPP	0.2%	0.2%	-	0.2%
Brompton Funds	BRM	0.2%	0.2%	-	0.2%
Midfielder	MDG	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%
3IQ	3IQ	0.1%	0.1%	-	0.2%
Bristol Gate Capital Partners	BRI	0.1%	0.1%	-	0.1%
Emerge Canada	EMR	-	-	-	-
IA Clarington	IAC	-	-	-	-
Lyxander Funds	LYS	-	-	-	-
Russell Investments Canada	RUS	-	-	-	-
Accelerate Financial	ACL	-	-	-	-
Arrow Capital Management	ACM	-	-	-	-
Starlight Investments	STR	-	-	-	-
Caldwell	CAL	-	-	-	-
SmartBe Wealth	SBWI	-	-	-	-
Mulvihill Capital Management	MLV	-	-	-	-

*Source: Investor Economics

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

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	\$ 555	0.1%
2 Hamilton Canadian Financials Yield Maximizer ETF	HMAX	HAM	461	0.1%
3 Horizons 0-3 Month T-Bill ETF	CBIL	HRZ	405	0.1%
4 BMO US Aggregate Bond Index ETF (Hedged Units)	ZUAG F	BMO	347	0.1%
5 Horizons 0-3 Month U.S. T-Bill ETF	UBIL U	HRZ	270	0.1%
6 Hamilton Utilities Yield Maximizer ETF	UMAX	HAM	87	—
7 BMO US TIPS Index ETF (USD-Units)	TIPS U	BMO	71	—
8 Harvest Travel & Leisure Income ETF	TRVI	HPG	67	—
9 Purpose USD Cash Management Fund (ETF Series)	MNU U	PPC	59	—
10 Fidelity Global Innovators ETF	FINN	FID	54	—
11 CI Global Minimum Downside Volatility Index ETF (Unhedged Common Units)	CGDV.B	CIM	47	—
12 iShares 20+ Year U.S. Treasury Bond Index ETF (CAD-Hedged)	XTLH	BLK	47	—
13 BMO Covered Call Entry ETF	ZWEN	BMO	38	—
14 Fidelity Greater Canada Fund (ETF Series)	FCGC	FID	34	—
15 iShares Core Canadian 15+ Year Federal Bond Index ETF	XFLB	BLK	31	—
16 Evolve S&P 500B Enhanced Yield Fund (CAD-Unhedged) (ETF Series)	ESPX.B	EVL	31	—
17 RBC Canadian Dividend Covered Call ETF	RCDC	RBC	29	—
18 RBC Target 2024 Government Bond ETF	RGOL	RBC	23	—
19 Brompton Split Corp. Preferred Share ETF (CAD Units)	SPLT	BRM	21	—
20 Guardian Ultra-Short Canadian T-Bill Fund (ETF Series)	GCTB	GCL	21	—
21 Horizons Equal Weight Banks Index ETF	HBNK	HRZ	20	—
22 Invesco S&P International Developed Dividend Aristocrats ESG Index ETF (CAD Hedged Units)	IAIE F	AIM	17	—
23 RBC Target 2025 Government Bond ETF	RGQN	RBC	17	—
24 RBC Target 2026 Government Bond ETF	RGQO	RBC	16	—
25 RBC U.S. Discount Bond ETF (CAD Units)	RUDB	RBC	15	—
			\$ 2,782	0.7%

*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	\$ 71	2.0%
2 Hamilton Canadian Financials Yield Maximizer ETF	HMAX	HAM	63	1.8%
3 Hamilton Utilities Yield Maximizer ETF	UMAX	HAM	49	1.4%
4 Guardian Ultra-Short Canadian T-Bill Fund (ETF Series)	GCTB	GCL	21	0.6%
5 Horizons Equal Weight Banks Index ETF	HBNK	HRZ	20	0.6%
6 Brompton Split Corp. Preferred Share ETF (CAD Units)	SPLT	BRM	16	0.5%
7 Guardian Ultra-Short U.S. T-Bill Fund (ETF Series)	GUTB U	GCL	15	0.4%
8 Invesco S&P International Developed Dividend Aristocrats ESG Index ETF (CAD Hedged Units)	IAIE F	AIM	15	0.4%
9 Fidelity Greater Canada Fund (ETF Series)	FCGC	FID	15	0.4%
10 RBC Target 2024 Government Bond ETF	RGOL	RBC	12	0.3%
11 Fidelity Global Innovators ETF	FINN	FID	9	0.3%
12 iShares 20+ Year U.S. Treasury Bond Index ETF (CAD-Hedged)	XTLH	BLK	9	0.3%
13 Evolve S&P 500B Enhanced Yield Fund (CAD-Unhedged) (ETF Series)	ESPX.B	EVL	8	0.2%
14 Horizons Enhanced Equal Weight Canadian Banks Covered Call ETF	BCCL	HRZ	8	0.2%
15 Invesco S&P/TSX Canadian Dividend Aristocrats ESG Index ETF	ICAE	AIM	7	0.2%
16 Fidelity Canadian Large Cap Fund (ETF Series)	FCLC	FID	6	0.2%
17 RBC Target 2026 Government Bond ETF	RGQO	RBC	6	0.2%
18 Horizons Enhanced US Large Cap Equity Covered Call ETF	USCL	HRZ	6	0.2%
19 Horizons Enhanced Canadian Large Cap Equity Covered Call ETF	CNCL	HRZ	5	0.1%
20 Invesco S&P US Dividend Aristocrats ESG Index ETF (CAD Units)	IAUE	AIM	5	0.1%
21 RBC Target 2025 Government Bond ETF	RGQN	RBC	5	0.1%
22 Evolve NASDAQ Technology Index Fund (CAD-Hedged)	QOOT	EVL	4	0.1%
23 RBC Target 2027 Government Bond ETF	RGQP	RBC	4	0.1%
24 Manulife Smart Global Dividend ETF Portfolio	GDIV	MNL	4	0.1%
25 Hamilton Canadian Bank Equal-Weight Index ETF	HEB	HAM	4	0.1%
			\$ 386	10.9%

*Source: Investor Economics

Net Creations by Asset Category

Asset Category	Current Month	Previous Month	Change	YTD 2023	% of Total
Total	\$ 3,532	\$ 4,289	-17.6%	\$ 25,449	100.0%
Fixed Income	1,249	1,224	2.1%	7,999	31.4%
Investment grade	861	1,307	-34.1%	7,722	30.3%
Corporate	598	116	482.3%	1,515	6.0%
Government	120	527	-77.2%	2,657	10.4%
Mix	143	663	-78.5%	3,550	14.0%
High yield	388	(84)	564.3%	277	1.1%
Corporate	411	3	—	349	1.4%
Emerging markets	(57)	7	—	(356)	-1.4%
Mix	34	(92)	136.6%	286	1.1%
Equity	1,282	1,796	-28.6%	9,192	35.8%
Canada	754	734	2.7%	1,980	7.8%
US	(351)	135	-359.9%	(1,571)	-6.2%
Emerging Markets	619	811	-23.7%	2,616	10.3%
International	118	(304)	138.9%	2,531	9.9%
North America	12	41	-70.6%	155	0.6%
Europe	(7)	23	-132.2%	(19)	-0.1%
Global	96	206	-53.2%	455	1.8%
Sector	42	150	-72.3%	2,956	11.6%
Agriculture	(9)	(4)	-111.7%	(45)	-0.2%
Consumer staples	2	2	-28.5%	30	0.1%
Energy	(30)	35	-183.1%	(91)	-0.4%
Financials	127	(9)	68.0%	1,345	5.3%
Health care	(3)	(9)	68.0%	344	1.4%
Industrials	—	5	-98.4%	41	0.2%
Utilities & Infrastructure	(7)	(12)	42.9%	217	0.9%
Materials	(149)	(11)	—	(180)	-0.7%
Metals	(6)	(27)	77.1%	(70)	-0.3%
Multisite	(5)	76	-107.2%	(104)	-0.4%
Real estate	(21)	(29)	29.2%	(104)	-0.4%
Technology	143	131	9.0%	142	0.6%
Commodities	4	(17)	124.1%	172	0.7%
Emerov	(5)	(8)	41.2%	269	1.1%
Metals	4	(7)	156.7%	(109)	-0.4%
Multi-asset class	154	155	-0.4%	1,096	4.3%
Money market	704	765	-8.0%	6,924	27.2%
Currency	118	40	192.0%	445	1.7%
Cryptocurrency	21	322	-93.4%	(937)	-1.2%
Volatility	—	3	—	19	0.1%
of which inverse/leveraged	\$ (13)	\$ (2)	-488.7%	\$ 203	0.8%

*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	23.3%	23.8%	-0.5%	24.4%
Investment grade	20.8%	21.3%	-0.5%	21.6%
Corporate	6.1%	6.1%	—	6.5%
Government	3.6%	3.8%	-0.2%	3.5%
Mix	11.0%	11.4%	-0.4%	11.6%
High yield	2.6%	2.5%	0.1%	2.8%
Corporate	0.8%	0.6%	0.1%	0.7%
Emerging markets	0.4%	0.4%	—	0.5%
Mix	1.4%	1.4%	—	1.5%
Equity	65.7%	65.2%	0.4%	65.6%
Canada	20.4%	20.3%	0.1%	21.6%
US	20.6%	20.6%	—	20.9%
Emerging Markets	2.5%	2.3%	0.2%	1.9%
International	8.7%	8.6%	—	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	8.7%	8.6%	0.1%	8.3%
Agriculture	0.1%	0.1%	—	0.1%
Consumer staples	0.1%	0.1%	—	0.1%
Energy	1.0%	0.9%	—	1.1%
Financials	1.3%	1.3%	0.1%	1.2%
Health care	0.9%	0.9%	—	0.9%
Industrials	—	—	—	—
Utilities & Infrastructure	1.1%	1.1%	—	1.2%
Materials	0.5%	0.5%	—	0.6%
Metals	0.1%	0.1%	—	0.1%
Multisite	0.6%	0.6%	—	0.2%
Real estate	0.8%	0.8%	—	0.9%
Technology	2.3%	2.2%	0.1%	1.8%
Commodities	0.6%	0.6%	—	0.7%
Emerov	0.1%	0.1%	—	0.1%
Metals	0.4%	0.4%	—	0.5%
Multi-asset class	3.8%	3.8%	—	3.8%
Money market	5.5%	5.4%	0.1%	4.5%
Currency	0.4%	0.4%	—	0.3%
Cryptocurrency	0.7%	0.8%	—	0.6%
Volatility	—	—	—	—
of which inverse/leveraged	0.4%	0.4%	—	0.4%

*Source: Investor Economics

as of July 31, 2023

*Source: Investor Economics

*Source: Investor Economics

CETFA Monthly Report (\$ millions)

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AUM of ETFs by Provider by Asset Category

Asset Category	AGF	Franklin Templeton	Picton Mahoney	Ninepoint	Brompton	Middlefield	First Trust	Guardian	3IQ	Bristol Gate BRI	Emerge	IA Clarington	Lysander	Russell	Accelerate	Arrow	Starlight	Caldwell	SmartBe	Mulvihill
Management Code	AGF	FLS	PMF	NPP	BRM	MDG	FTP	GCL	3IQ	BRI	EMR	IAC	LYS	RUS	ACL	ACM	STR	CAL	SBWI	MLV
Total	\$ 1,176	\$ 1,094	\$ 666	\$ 659	\$ 605	\$ 496	\$ 391	\$ 256	\$ 255	\$ 243	\$ 143	\$ 104	\$ 80	\$ 69	\$ 61	\$ 49	\$ 23	\$ 5	\$ 4	\$ -
Fixed Income	159	393	351	25	80	-	57	64	-	-	-	70	8	42	-	28	-	-	-	-
Investment grade	159	393	324	23	80	-	-	64	-	-	-	38	8	42	-	-	-	-	-	-
Corporate	-	-	322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mix	159	393	1	23	80	-	-	64	-	-	-	38	8	42	-	-	-	-	-	-
High yield	-	-	27	1	-	-	57	-	-	-	-	32	-	-	-	28	-	-	-	-
Corporate	-	-	-	-	-	-	36	-	-	-	-	11	-	-	-	28	-	-	-	-
Emerging markets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mix	-	-	27	1	-	-	21	-	-	-	-	21	-	-	-	-	-	-	-	-
Equity	1,017	699	241	592	302	496	316	156	-	243	143	-	71	28	12	4	23	5	4	-
Canada	62	191	19	-	-	-	63	4	-	10	-	-	71	-	3	4	-	-	1	-
US	492	280	-	-	-	37	170	-	-	233	1	-	-	-	-	-	-	5	3	-
Emerging Markets	50	3	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-
International	48	46	-	3	9	-	18	5	-	-	-	-	-	-	-	-	-	-	-	-
North America	-	-	-	-	-	-	-	-	-	-	1	-	-	-	8	-	-	-	-	-
Europe	-	171	-	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Global	127	9	222	-	85	54	3	133	-	-	3	-	-	-	-	-	-	-	-	-
Sector	238	-	-	590	188	406	62	6	-	-	137	-	-	28	-	-	23	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Consumer staples	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy	-	-	-	590	-	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-
Financials	-	-	-	-	44	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-
Health care	-	-	-	-	53	160	-	-	-	-	17	-	-	-	-	-	-	-	-	-
Industrials	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities & Infrastructure	238	-	-	-	-	47	-	-	-	-	-	-	-	28	-	-	11	-	-	-
Materials	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Multiple	-	-	-	-	-	-	-	-	-	-	95	-	-	-	-	-	-	-	-	-
Real estate	-	-	-	-	-	102	-	6	-	-	-	-	-	-	-	-	12	-	-	-
Technology	-	-	-	-	91	97	48	-	-	-	18	-	-	-	-	-	-	-	-	-
Commodities	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Multi-asset class	-	2	75	-	208	-	18	1	-	-	-	34	-	-	49	17	-	-	-	-
Money market	-	-	-	15	-	-	-	36	-	-	-	-	-	-	-	-	-	-	-	-
Currency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cryptocurrency	-	-	-	27	-	-	-	-	-	255	-	-	-	-	-	-	-	-	-	-
Volatility	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Source: Investor Economics

Number of ETFs by Provider by Asset Category

Asset Category	AGF	Franklin Templeton	Picton Mahoney	Ninepoint	Brompton	Middlefield	First Trust	Guardian	3IQ	Bristol Gate BRI	Emerge	IA Clarington	Lysander	Russell	Accelerate	Arrow	Starlight	Caldwell	SmartBe	Mulvihill
Management Code	AGF	FLS	PMF	NPP	BRM	MDG	FTP	GCL	3IQ	BRI	EMR	IAC	LYS	RUS	ACL	ACM	STR	CAL	SBWI	MLV
Total	10	12	8	8	11	6	23	12	2	2	11	5	3	3	4	3	2	1	2	1
Fixed Income	2	2	3	2	2	-	2	1	-	-	-	3	2	1	-	1	-	-	-	-
Investment grade	2	2	2	1	2	-	-	1	-	-	-	1	2	1	-	-	-	-	-	-
Corporate	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mix	2	2	1	1	2	-	-	1	-	-	-	1	2	1	-	-	-	-	-	-
High yield	-	-	1	1	-	-	2	-	-	-	-	2	-	-	-	1	-	-	-	-
Corporate	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	-	-	-	-
Emerging markets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mix	-	-	1	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Equity	8	9	3	4	6	6	20	8	-	2	11	-	1	2	2	1	2	1	2	1
Canada	1	2	1	-	-	-	1	1	-	1	-	-	1	-	1	1	-	-	1	1
US	2	2	-	-	-	1	9	-	-	1	1	-	-	-	-	-	-	1	1	-
Emerging Markets	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
International	1	2	-	2	1	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-
North America	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
Europe	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Global	2	1	2	-	1	1	1	4	-	-	2	-	-	-	-	-	-	-	-	-
Sector	1	-	-	2	3	4	7	1	-	-	6	-	-	2	-	-	2	-	-	-
Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Consumer staples	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Financials	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Health care	-	-	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Industrials	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utilities & Infrastructure	1	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	1	-	-	-
Materials	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Multiple	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Real estate	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	1	-	-	-
Technology	-	-	-	-	1	1	6	-	-	-	3	-	-	-	-	-	-	-	-	-
Commodities	-	-	-	-	1	1	-	-	-	-	3	-	-	-	-	-	-	-	-	-
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 July 31, 2023

AUM by Asset Category				
Asset Category	Current Month	Previous Month	Change	Dec 2022
Total	\$ 387,820	\$ 378,501	2.5%	\$ 339,668
Fixed income	90,462	90,039	0.5%	82,771
Investment grade	80,547	80,600	-0.1%	73,353
Corporate	23,663	23,074	2.6%	22,037
Government	14,092	14,369	-1.9%	11,751
Mix	42,792	43,158	-0.8%	39,565
High yield	9,915	9,439	5.0%	9,418
Corporate	2,917	2,455	18.8%	2,449
Emerging markets	1,454	1,491	-2.5%	1,761
Mix	5,519	5,468	0.9%	5,180
Equity	254,666	246,968	3.1%	223,579
Canada	79,198	76,847	3.1%	73,313
US	79,994	78,092	2.4%	70,915
Emerging Markets	9,570	8,709	9.9%	6,586
International	33,569	32,641	2.8%	27,996
North America	1,967	1,922	2.4%	1,779
Europe	1,093	1,075	1.7%	1,038
Global	15,544	15,084	3.1%	13,646
Sector	33,731	32,598	3.5%	28,307
Agriculture	406	388	4.7%	480
Consumer staples	292	295	-0.9%	258
Energy	3,769	3,504	7.5%	3,797
Financials	5,158	4,753	8.5%	3,945
Health care	3,342	3,324	0.6%	3,061
Industrials	89	87	2.3%	40
Utilities & Infrastructure	4,193	4,236	-1.0%	4,103
Materials	1,898	1,974	-3.8%	1,959
Metals	446	422	5.6%	457
Multiple	2,201	2,169	1.5%	815
Real estate	3,031	3,000	1.0%	3,137
Technology	8,897	8,440	5.4%	6,248
Commodities	2,295	2,216	3.6%	2,211
Energy	475	464	2.3%	427
Metals	1,609	1,551	3.8%	1,583
Multi-asset class	14,727	14,375	2.4%	12,740
Money market	21,243	20,482	3.7%	15,221
Currency	1,526	1,412	8.1%	1,031
Cryptocurrency	2,863	2,969	-3.6%	2,039
Volatility	37	41	-9.1%	76

*Source: Investor Economics