

CETFA Monthly Report (\$ millions)

as of October 31, 2022

AUM by Asset Category				
Asset Category	Current Month	Previous Month	Change	Dec 2021
Total	\$ 325,715	\$ 312,284	4.3%	\$ 348,566
Fixed income	76,425	76,634	-0.3%	81,055
Investment grade	67,726	68,129	-0.6%	70,577
Corporate	21,495	21,215	1.3%	22,677
Government	10,196	10,157	0.4%	11,073
Mix	36,035	36,757	-2.0%	36,827
High yield	8,699	8,505	2.3%	10,478
Corporate	2,026	1,999	1.4%	2,719
Emerging markets	1,509	1,536	-1.8%	1,999
Mix	5,140	4,945	3.9%	5,738
Equity	218,751	207,054	5.6%	238,278
Canada	73,316	70,378	4.2%	77,938
US	69,933	64,890	7.8%	75,871
Emerging Markets	5,678	5,750	-1.3%	7,432
International	25,464	24,384	4.4%	29,028
North America	1,711	1,663	2.8%	1,695
Europe	933	925	0.9%	1,218
Global	13,375	12,620	6.0%	14,468
Sector	28,341	26,445	7.2%	30,627
Agriculture	478	419	14.0%	307
Consumer staples	241	233	3.3%	297
Energy	4,084	3,492	17.0%	2,372
Financials	4,024	3,891	3.4%	4,698
Health care	2,968	2,741	8.3%	2,908
Industrials	46	36	28.4%	49
Utilities & Infrastructure	4,053	3,883	4.4%	3,477
Materials	1,747	1,698	2.9%	2,462
Metals	409	373	9.7%	536
Multiple	773	697	10.8%	535
Real estate	2,949	2,864	3.0%	4,169
Technology	6,563	6,111	7.4%	8,811
Commodities	1,870	1,951	-4.1%	2,370
Energy	359	359	-	331
Metals	1,371	1,482	-7.5%	1,972
Multi-asset class	12,526	12,065	3.8%	12,509
Money market	12,303	11,212	9.7%	6,238
Currency	1,082	750	44.3%	583
Cryptocurrency	2,678	2,516	6.4%	7,452
Volatility	80	102	-21.5%	81

*Source: Investor Economics

CETF Monthly Report (\$ millions)
as of October 31, 2022

Top 25 ETFs by Net Creations - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2022
1 BMO Ultra Short-Term Bond ETF	ZST	BMO	\$ 540	\$ 809
2 iShares S&P/TSX 60 Index ETF	XIU	BLK	480	876
3 Vanguard S&P 500 Index ETF (CAD-Hedged)	VSP	VNG	455	823
4 CI High Interest Savings ETF	CSAV	CIM	451	1,905
5 Purpose High Interest Savings ETF	PSA	PFC	441	1,324
6 BMO Money Market Fund ETF Series	ZMMK	BMO	268	393
7 BMO Aggregate Bond Index ETF	ZAG	BMO	191	662
8 Horizons High Interest Savings ETF	CASH	HRZ	154	734
9 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	147	792
10 NBI Sustainable Canadian Equity ETF	NSCE	NBS	123	655
11 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	122	344
12 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	120	1,089
13 Mackenzie Canadian All Corporate Bond Index ETF	OCB	MFC	108	157
14 Mackenzie Floating Rate Income ETF	MFT	MFC	101	(77)
15 BMO Covered Call Utilities ETF	ZWLU	BMO	85	424
16 NBI High Yield Bond ETF	NHYB	NBS	83	164
17 Invesco 1-3 Year Laddered Floating Rate Note Index ETF	PFL	AIM	77	225
18 RBC Canadian Discount Bond ETF	RCDB	RBC	75	399
19 iShares Core Canadian Corporate Bond Index ETF	XCB	BLK	74	180
20 iShares NASDAQ 100 Index ETF (CAD-Hedged)	XQQ	BLK	74	354
21 BMO S&P 500 Hedged to CAD Index ETF	ZUE	BMO	68	107
22 NBI Liquid Alternatives ETF	NALT	NBS	65	267
23 Evolve High Interest Savings Account ETF	HISA	EVL	60	701
24 iShares Floating Rate Index ETF	XFR	BLK	58	251
25 BMO MSCI EAFE Index ETF	ZEAF	BMO	56	348
Top 25			\$ 4,447	\$ 14,356

*Source: Investor Economics

Top 25 ETFs by Net Redemptions - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2022
1 Horizons S&P/TSX Capped Composite Index ETF	HRZ	HRZ	\$(544)	\$(642)
2 BMO Ultra Short-Term US Bond ETF	ZUSL	BMO	(407)	(137)
3 Vanguard S&P 500 Index ETF	VFV	VNG	(256)	983
4 iShares Core Canadian Short-Term Bond Index ETF	XSB	BLK	(199)	(348)
5 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	(191)	(656)
6 iShares S&P/TSX Capped Energy Index ETF	XEG	BLK	(107)	179
7 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	(86)	(31)
8 Mackenzie US Investment Grade Corporate Bond Index ETF (CAD-Hedged)	OUIG	MFC	(84)	(81)
9 CIBC Canadian Equity Index ETF	CEI	CIB	(74)	(93)
10 iShares Gold Bullion ETF	GGL	BLK	(62)	(114)
11 iShares Core Canadian Short-Term Corporate Bond Index ETF	XSH	BLK	(50)	(474)
12 Vanguard FTSE Canada Index ETF	VCE	VNG	(48)	112
13 iShares Core Canadian Short-Term US Bond Index ETF	DVDF	BNS	(45)	286
14 BMO S&P 500 Index ETF	ZSP	BMO	(47)	(171)
15 BetaPro Natural Gas Inverse Leveraged Daily Bear ETF	HND	HRZ	(47)	145
16 CI U.S. & Canada Lifeeco Covered Call ETF	FLI	CIM	(46)	(26)
17 Dynamic Active Preferred Shares ETF	DAP	BNS	(45)	(145)
18 BMO Europe High Dividend Covered Call ETF	ZWP	BMO	(44)	(18)
19 Mackenzie Unconstrained Bond ETF	MJB	MFC	(42)	(206)
20 CIBC Active Investment Grade Floating Rate Bond ETF	CAFR	CIB	(38)	0
21 Horizons USD Cash Maximizer ETF	HSMVU	HRZ	(34)	403
22 NBI Unconstrained Fixed Income ETF	NBUF	NBS	(27)	18
23 TD Q U.S. Low Volatility ETF	TULV	TDM	(27)	13
24 Harvest Brand Leaders Plus Income Fund	HBF	HPG	(27)	128
25 iShares Canadian HYBnd Corporate Bond Index ETF	XHB	BLK	(25)	(155)
Top 25			\$(2,605)	\$(792)

*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	\$ 11,556	3.7%
2 iShares S&P/TSX 60 Index ETF	XIU	BLK	10,686	3.3%
3 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	8,740	2.7%
4 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	7,611	2.3%
5 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	6,921	2.1%
6 Vanguard S&P 500 Index ETF	VFV	VNG	6,659	2.0%
7 BMO Aggregate Bond Index ETF	ZAG	BMO	6,025	1.8%
8 Vanguard U.S. Total Market Index ETF	VUN	VNG	5,380	1.7%
9 iShares Core MSCI EAFE All Index ETF	XEF	BLK	5,326	1.6%
10 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	4,778	1.5%
11 BMO MSCI EAFE Index ETF	ZEAF	BMO	4,723	1.4%
12 iShares Core S&P 500 Index ETF	XUS	BLK	4,586	1.4%
13 iShares Core Canadian Universe Bond Index ETF	XBB	BLK	4,429	1.4%
14 CI High Interest Savings ETF	CSAV	CIM	4,080	1.3%
15 Horizons S&P/TSX 60 Index ETF	HKT	HRZ	3,745	1.1%
16 Vanguard Growth ETF Portfolio	VGRQ	VNG	3,429	1.1%
17 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	3,269	1.0%
18 Purpose High Interest Savings ETF	PSA	PFC	3,146	1.0%
19 iShares Core Canadian Short-Term Bond Index ETF	XSB	BLK	2,988	0.9%
20 BMO Equal Weight Banks Index ETF	ZEB	BMO	2,974	0.9%
21 BMO Covered Call Canadian Banks ETF	ZWB	BMO	2,757	0.8%
22 Vanguard FTSE Developed All Cap ex North America Index ETF	VJU	VNG	2,735	0.8%
23 BMO Low Volatility Canadian Equity ETF	ZLB	BMO	2,685	0.8%
24 Vanguard S&P 500 Index ETF (CAD-Hedged)	VSP	VNG	2,523	0.8%
25 Horizons Cdn Select Universe Bond ETF	HBB	HRZ	2,355	0.7%
Top 25			\$ 124,307	38.2%

*Source: Investor Economics

Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2022	% of Total 2022
BMO Asset Management	BMO	\$ 965	\$(8)	-\$	\$ 5,312	20.0%
Purpose Investments	PFC	467	318	46.7%	1,951	7.4%
BlackRock Canada	BLK	447	(251)	-27.15%	3,120	11.8%
CI Investments	CIM	394	429	8.2%	268	1.0%
Vanguard Canada	VNG	366	601	-39.2%	6,165	23.2%
National Bank	NBS	236	55	329.4%	2,003	7.5%
Invesco ETFs	AIM	138	28	384.9%	547	2.1%
Mackenzie	MFC	136	73	86.8%	1,083	4.1%
RBC Global Asset Management	RBC	133	83	60.0%	604	2.3%
Fidelity	FID	71	-	-	559	2.1%
Hamilton ETFs	HAM	63	52	22.3%	802	3.0%
Manulife Investment Management	MNL	60	(50)	-20.2%	195	0.7%
TD Asset Management	TDM	58	120	-52.0%	533	2.0%
Evolve Funds	EVL	51	471	-89.1%	759	2.9%
Desjardins Investments	DJD	34	(64)	153.7%	(206)	-
Franklin Templeton	FLS	29	(15)	291.6%	(644)	-
PIMCO Canada	PMC	28	98	-58.1%	98	0.4%
Picton Mahoney Asset Management	PMF	22	24	-4.4%	154	0.6%
Harvest Portfolios	HPG	18	127	-85.7%	1,115	4.2%
First Trust Portfolios Canada	FTP	7	10	-29.2%	34	0.1%
Evermore Capital Management	EVR	4	-	-	15	0.1%
Emerge Canada	EMR	3	6	-52.7%	22	0.1%
Brompton Funds	BRM	2	2	23.2%	25	0.1%
Russell Investments Canada	RUS	1	-	-	10	-
Ninepoint Partners	NPP	1	(17)	106.9%	279	1.1%
Guardian Capital LP	GCL	1	1	-17.1%	114	0.4%
SmarBe Wealth	SBWI	-	-	-	(7)	-
Mutulini Capital Management	MLV	-	-	-	-	-
Caldwell	CAL	-	-	-	-	-
Norrop	NOR	-	-	-	(1)	-
Arrow Capital Management	ACM	(0)	1	-118.1%	7	-
Middlefield	MDG	(0)	(1)	78.8%	20	0.1%
Lysander Funds	LYS	(0)	(2)	77.4%	(3)	-
Accelerate Financial	ACL	(1)	(6)	82.1%	8	-
Bristol Gate Capital Partners	BGI	(2)	(2)	2.1%	(3)	-
3IQ	3IQ	(3)	(167)	98.4%	(618)	-
Starlight Investments	STR	(5)	1	-864.2%	(7)	-
IA Clearington	IAC	(8)	(1)	-591.1%	(20)	-
Scotia Global Asset Management	BNS	(15)	50	-130.8%	54	0.2%
AGFQ	AGF	(26)	(4)	-554.1%	(148)	-
CIBC Asset Management	CIB	(95)	17	-665.8%	(275)	-
Horizons ETFs	HRZ	(279)	(11)	-	6,624	9.9%
Total		\$ 3,299	\$ 1,924	71.4%	\$ 26,539	

*Source: Investor Economics

AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2021
BlackRock Canada	BLK	144	\$ 90,400	\$ 86,215	4.9%	\$ 99,820
BMO Asset Management	BMO	128	\$ 83,766	\$ 80,922	3.5%	\$ 91,735
Vanguard Canada	VNG	37	\$ 47,952	\$ 45,823	4.6%	\$ 48,749
Horizons ETFs	HRZ	107	\$ 21,348	\$ 21,128	1.0%	\$ 20,701
CI Investments	CIM	79	\$ 14,205	\$ 13,401	6.0%	\$ 15,987
Mackenzie	MFC	45	\$ 11,865	\$ 11,480	3.3%	\$ 12,973
TD Asset Management	TDM	38	\$ 7,619	\$ 7,349	3.7%	\$ 8,385
Purpose Investments	PFC	47	\$ 6,325	\$ 5,741	10.2%	\$ 6,253
National Bank	NBS	15	\$ 6,225	\$ 5,898	5.4%	\$ 4,818
Invesco ETFs	AIM	44	\$ 4,495	\$ 4,208	6.8%	\$ 4,581
RBC Global Asset Management	RBC	32	\$ 3,693	\$ 3,492	5.8%	\$ 3,520
Scotia Global Asset Management	BNS	24	\$ 3,180	\$ 3,059	3.9%	\$ 3,706
Fidelity	FID	36	\$ 3,058	\$ 2,883	6.4%	\$ 2,885
Harvest Portfolios	HPG	19	\$ 2,685	\$ 2,468	8.9%	\$ 1,968
CIBC Asset Management	CIB	24	\$ 2,465	\$ 2,546	-3.2%	\$ 3,076
Manulife Investment Management	MNL	14	\$ 2,361	\$ 2,260	5.4%	\$ 2,490
Evolve Funds	EVL	23	\$ 2,076	\$ 1,987	4.5%	\$ 1,827
PIMCO Canada	PMC	6	\$ 1,984	\$ 1,951	1.7%	\$ 2,119
Hamilton ETFs	HAM	9	\$ 1,737	\$ 1,587	9.4%	\$ 1,208
Desjardins Investments	DJD	17	\$ 1,704	\$ 1,540	10.0%	\$ 2,055
Franklin Templeton	FLS	12	\$ 1,296	\$ 1,226	5.7%	\$ 1,176
AGFQ	AGF	10	\$ 1,122	\$ 1,122	0.0%	\$ 1,388
Ninepoint Partners	NPP	11	\$ 726	\$ 604	20.1%	\$ 320
3IQ	3IQ	2	\$ 702	\$ 686	2.3%	\$ 3,147
Picton Mahoney Asset Management	PMF	7	\$ 609	\$ 589	3.4%	\$ 485
Brompton Funds	BRM	10	\$ 488	\$ 471	3.4%	\$ 606
First Trust Portfolios Canada	FTP	41	\$ 410	\$ 383	7.1%	\$ 433
Middlefield	MDG	4	\$ 264	\$ 253	4.2%	\$ 272
Guardian Capital LP	GCL	10	\$ 220	\$ 215	2.7%	\$ 146
Bristol Gate Capital Partners	BRI	2	\$ 200	\$ 190	5.4%	\$ 238
Emerge Canada	EMR	11	\$ 190	\$ 184	3.8%	\$ 222
IA Clearington	IAC	5	\$ 106	\$ 111	-4.6%	\$ 145
Lysander Funds	LYS	1	\$ 79	\$ 81	-2.7%	\$ 101
Accelerate Financial	ACL	5	\$ 70	\$ 69	0.8%	\$ 69
Russell Investments Canada	RUS	4	\$ 44	\$ 43	2.4%	\$ 52
Arrow Capital Management	ACM	2	\$ 37	\$ 38	-0.4%	\$ 34
Starlight Investments	STR	2	\$ 26	\$ 32	-18.4%	\$ 41
SmarBe Wealth	SBWI	4	\$ 24	\$ 21	12.1%	\$ 31
Evermore Capital Management	EVR	8	\$ 14	\$ 10	41.4%	\$ 7
Norrop	NOR	1	\$ 5	\$ 5	3.8%	\$ 7
Caldwell	CAL	1	\$ 5	\$ 5	7.7%	\$ 5
Mutulini Capital Management	MLV	1	\$ -	\$ -	-	\$ -
Total		1,036	\$ 325,715	\$ 312,284	4.3%	\$ 348,566

*Source: Investor Economics

Market Share by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	Dec 2021
BlackRock Canada	BLK	27.6%	27.6%	0.1%	28.6%
BMO Asset Management	BMO	25.7%	25.9%	-0.2%	26.3%
Vanguard Canada	VNG	14.7%	14.7%	-	14.0%
Horizons ETFs	HRZ	6.6%	6.8%	-0.2%	5.9%
CI Investments	CIM	4.4%	4.3%	0.1%	4.6%
Mackenzie	MFC	3.6%	3.7%	-	3.6%
TD Asset Management	TDM	2.3%	2.4%	-	2.4%
Purpose Investments	PFC	1.9%	1.8%	0.1%	1.8%
National Bank	NBS	1.9%	1.9%	-	1.4%
Invesco ETFs	AIM	1.4%	1.3%	-	1.3%
RBC Global Asset Management	RBC	1.1%	1.1%	-	1.0%
Scotia Global Asset Management	BNS	1.0%	1.0%	-	1.1%
Fidelity	FID				

CETFA Monthly Report (\$ millions)
as of October 31, 2022

New ETFs Launched in 2022 - Top Funds by AUM

ETF Name	Ticker	Code	Management	AUM	% of Total
1 BMO Japan Index ETF	ZJPN	BMO		264	0.1%
2 Hamilton Enhanced U.S. Covered Call ETF	HYLD	HAM		246	0.1%
3 Harvest Diversified Monthly Income ETF	HDIF	HPG		208	0.1%
4 Horizons Gold Producer Equity Covered Call ETF	GLCC	HRZ		179	0.1%
5 Wealthsimple North American Green Bond Index ETF (CAD-Hedged)	WSGB	MFC		178	0.1%
6 Inveco ESG Global Bond ETF	IWBE	AIM		160	-
7 BMO Brookfield Global Renewables Infrastructure Fund (ETF Series)	GRNI	BMO		144	-
8 Ninepoint Enerov Income Fund (ETF Series)	NRGI	NPP		124	-
9 Horizons Canadian Oil and Gas Equity Covered Call ETF	EMCC	HRZ		57	-
10 Harvest Canadian Equity Income Leaders ETF	HLIF	HPG		55	-
11 NBI Sustainable Canadian Short Term Bond ETF	NSSB	NBS		48	-
12 CI Auspice Broad Commodity ETF (CAD-Hedged)	CCOM	CIM		48	-
13 Horizons US Large Cap Equity Covered Call ETF	FEQT	FID		34	-
14 Purpose Cash Management Fund (ETF Series)	MNY	PCF		35	-
15 BMO Brookfield Global Real Estate Tech Fund (ETF Series)	TOWR	BMO		35	-
16 Fidelity All-in-One Equity ETF	ZSDS	BMO		33	-
17 BMO Short-Term Discount Bond ETF	HISU	EVL		31	-
18 Evolve US High Interest Savings Account ETF (ETF Series)	USCC	HRZ		41	-
19 Dynamic Active Enhanced Yield Covered Options ETF	DXO	BNS		30	-
20 Fidelity All-in-One Conservative ETF	FCNS	FID		30	-
21 Horizons Canadian Large Cap Equity Covered Call ETF	CMCC	HRZ		29	-
22 Inveco S&P International Developed ESG Index ETF	ISCE	AIM		28	-
23 Evolve Canadian Banks and LifeCos Enhanced Yield Index Fund	BANK	EVL		28	-
24 Scotia Responsible Investing U.S. Equity Index ETF	SRIU	BNS		28	-
25 Pison Mahoney Fortified Alpha Alternative Fund (ETF Series)	PFAA	PMF		28	-
				\$ 2,137	0.7%

*Source: Investor Economics

New ETFs Launched in 2022 - Top Funds by Current Month Net Creations

ETF Name	Ticker	Code	Management	Net Creations	% of Total
1 Hamilton Enhanced U.S. Covered Call ETF	HYLD	HAM		\$ 26	0.8%
2 CI Auspice Broad Commodity ETF (CAD-Hedged)	CCOM	CIM		24	0.7%
3 Harvest Diversified Monthly Income ETF	HDIF	HPG		22	0.7%
4 Pison Mahoney Fortified Alpha Alternative Fund (ETF Series)	PFAA	PMF		14	0.4%
5 Franklin Bissett Ultra Short Bond Active ETF	FHIS	FLS		9	0.3%
6 CI Galaxo Multi-Crystal ETF	CMCX	U		7	0.2%
7 Harvest Canadian Equity Income Leaders ETF	HLIF	HPG		7	0.2%
8 Fidelity All-in-One Conservative ETF	FCNS	FID		7	0.2%
9 Horizons Gold Producer Equity Covered Call ETF	GLCC	HRZ		6	0.2%
10 Evolve Canadian Banks and LifeCos Enhanced Yield Index Fund	BANK	EVL		6	0.2%
11 Fidelity All-in-One Equity ETF	FEQT	FID		4	0.1%
12 Ninepoint Energy Income Fund (ETF Series)	NRGI	NPP		4	0.1%
13 CI Bio-Revolution ETF	CBNA	CIM		3	0.1%
14 Evolve US High Interest Savings Account ETF (ETF Series)	HISU	EVL		3	0.1%
15 RBC Target 2028 Corporate Bond Index ETF	RQO	RBC		3	0.1%
16 BMO Brookfield Global Real Estate Tech Fund (ETF Series)	TOWR	BMO		2	0.1%
17 Wealthsimple North American Green Bond Index ETF (CAD-Hedged)	WSGB	MFC		2	0.1%
18 Bromton Enhanced Multi-Asset Income ETF (CAD-Hedged)	BMAX	BRM		2	0.1%
19 RBC Target 2029 Corporate Bond Index ETF	RQR	RBC		2	0.1%
20 Evermore Retirement 2025 ETF	ERCV	ERV		2	0.1%
21 Scotia Responsible Investing Canadian Bond Index ETF	SRIB	BNS		2	0.1%
22 Horizons Canadian Little Services High Dividend Index ETF	UTL	HRZ		2	-
23 BMO Canadian Bank Income Index ETF	ZBI	BMO		1	-
24 BMO Brookfield Global Renewables Infrastructure Fund (ETF Series)	GRNI	BMO		1	-
25 Horizons Canadian Oil and Gas Equity Covered Call ETF	EMCC	HRZ		1	-
				\$ 165	5.0%

*Source: Investor Economics

Net Creations by Asset Category

Asset Category	Current Month	Previous Month	Change	YTD 2022	% of Total
Total	\$ 3,239	\$ 1,924	71.4%	\$ 26,339	100.0%
Fixed Income	\$ 910	\$ 655	99.4%	\$ 6,473	24.4%
Investment grade	683	803	-15.0%	6,711	25.3%
Corporate	630	202	215.3%	1,567	6.0%
Government	206	(4)	-	885	3.3%
Mix	(159)	605	-126.3%	4,228	15.9%
High yield	227	(347)	165.4%	(237)	-0.9%
Corporate	51	(407)	112.5%	(234)	-0.9%
Emerging markets	(8)	3	-372.1%	(81)	-0.3%
Mix	184	57	220.8%	69	0.3%
Equity	\$ 998	(228)	537.3%	\$ 12,475	47.0%
Canada	(51)	(801)	93.7%	3,048	11.5%
US	667	565	18.1%	4,445	16.7%
Emerging Markets	115	(0)	-	(2)	-
International	10	(389)	102.6%	1,853	7.0%
North America	(8)	2	-429.8%	56	0.2%
Europe	(44)	(8)	-456.8%	(87)	-0.3%
Global	52	172	-69.9%	1,065	4.0%
Sector	258	231	11.8%	2,097	7.9%
Agriculture	4	13	-72.4%	111	0.4%
Consumer staples	1	4	-71.9%	(40)	-0.1%
Energy	(109)	29	-475.5%	356	1.3%
Financials	(32)	(9)	-248.3%	(67)	-0.3%
Health care	(14)	74	-118.3%	474	1.8%
Industrials	8	0	-	2	-
Utilities & Infrastructure	112	87	28.1%	893	3.4%
Materials	39	(49)	180.8%	(357)	-1.3%
Metals	25	(7)	459.9%	(65)	-0.2%
Mutuals	32	19	74.0%	-	-
Real estate	26	(24)	209.2%	(195)	-0.7%
Technology	165	93	77.8%	593	2.2%
Commodities	(68)	(19)	-262.9%	(379)	-1.4%
Enerov	(10)	(7)	-42.5%	51	0.2%
Metals	(84)	(38)	-120.1%	(491)	-1.9%
Multi-asset class	111	19	488.8%	1,879	7.1%
Money market	1,044	1,806	-42.2%	5,855	22.1%
Currency	303	65	364.0%	478	1.8%
Cryptocurrency	6	(166)	103.9%	(247)	-0.9%
Volatility	(8)	(8)	15.9%	(9)	-
of which inverse/leveraged	\$ (15)	\$ 17	-188.8%	\$ 219	0.8%

*Source: Investor Economics

Market Share by Asset Category

Asset Category	Current Month	Previous Month	Change	Dec 2021
Total	100.0%	100.0%	-	100.0%
Fixed Income	23.5%	24.6%	-1.1%	23.3%
Investment grade	20.8%	21.8%	-1.0%	20.2%
Corporate	6.6%	6.8%	-0.2%	6.5%
Government	3.1%	3.3%	-0.1%	3.2%
Mix	11.1%	11.8%	-0.7%	10.6%
High yield	2.7%	2.7%	-0.1%	3.0%
Corporate	0.6%	0.6%	-	0.8%
Emerging markets	0.5%	0.5%	-	0.6%
Mix	1.6%	1.6%	-	1.6%
Equity	67.2%	66.3%	0.9%	68.4%
Canada	22.5%	22.5%	-	22.4%
US	21.5%	20.8%	0.7%	21.8%
Emerging Markets	1.7%	1.8%	-0.1%	2.1%
International	7.6%	7.8%	-	8.3%
North America	0.5%	0.5%	-	0.5%
Europe	0.3%	0.3%	-	0.3%
Global	4.1%	4.0%	0.1%	4.2%
Sector	8.7%	8.5%	0.2%	8.8%
Agriculture	0.1%	0.1%	-	0.1%
Consumer staples	0.1%	0.1%	-	0.1%
Energy	1.3%	1.1%	0.1%	0.7%
Financials	1.2%	1.2%	-	1.3%
Health care	0.9%	0.9%	-	0.8%
Industrials	-	-	-	-
Utilities & Infrastructure	1.2%	1.2%	-	1.0%
Materials	0.5%	0.5%	-	0.7%
Metals	0.1%	0.1%	-	0.2%
Mutuals	0.2%	0.2%	-	0.2%
Real estate	0.9%	0.9%	-	1.2%
Technology	2.0%	2.0%	0.1%	2.5%
Commodities	0.6%	0.6%	-0.1%	0.7%
Enerov	0.1%	0.1%	-	0.1%
Metals	0.4%	0.5%	-0.1%	0.6%
Multi-asset class	3.8%	3.9%	-0.1%	3.6%
Money market	3.8%	3.6%	0.2%	1.8%
Currency	0.3%	0.2%	0.1%	0.2%
Cryptocurrency	0.8%	0.8%	-	2.1%
Volatility	-	-	-	-
of which inverse/leveraged	0.4%	0.5%	-	0.4%

*Source: Investor Economics

CETFA Monthly Report (\$ millions)

as of October 31, 2022

AUM of ETFs by Provider by Asset Category

Asset Category	BlackRock	BMO	Vanguard	Horizons	CI Investments	Mackenzie	TD	Purpose	National Bank	Invesco	RBC	Scotia	Fidelity	Harvest	CIBC	Manulife	Evolve	PIMCO	Hamilton	Desjardins
Management Code	BLK	BMO	VNG	HRZ	CIM	MFC	TDM	PFC	NBS	AIM	RBC	BNS	FID	HPG	CIB	MNL	EVL	PMC	HAM	DJD
Total	\$ 90,400	\$ 83,766	\$ 47,952	\$ 21,348	\$ 14,205	\$ 11,865	\$ 7,619	\$ 6,325	\$ 6,225	\$ 4,495	\$ 3,693	\$ 3,180	\$ 3,035	\$ 2,685	\$ 2,465	\$ 2,381	\$ 2,076	\$ 1,984	\$ 1,737	\$ 1,704
Fixed Income	17,223	24,089	7,285	3,431	2,167	5,817	1,844	723	3,484	1,282	1,703	529	953	–	1,787	541	33	1,984	–	163
Investment grade	16,673	22,354	7,285	3,343	2,118	2,945	1,832	515	2,595	1,208	1,703	316	953	–	1,741	541	33	1,984	–	163
Corporate	4,504	9,158	1,255	806	520	759	39	456	48	447	1,104	175	147	–	1,132	537	–	17	–	7
Government	2,548	4,596	57	118	907	432	1,317	–	–	203	–	–	–	–	–	–	–	–	–	18
Mix	9,621	8,599	5,973	2,419	691	1,755	477	59	2,547	558	599	140	805	–	609	4	33	132	–	137
High yield	550	1,735	–	86	49	2,872	12	208	889	73	–	213	–	–	46	–	–	1,835	–	–
Corporate	474	1,168	–	86	24	38	12	83	–	73	–	–	–	–	–	–	–	–	–	–
Emerging markets	68	580	–	–	–	881	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	8	7	–	–	–	1,953	–	125	889	–	–	213	–	–	46	–	–	1,835	–	–
Equity	68,135	58,648	34,136	13,018	7,101	5,986	5,755	458	2,379	3,174	1,990	2,651	1,825	2,685	675	1,840	917	–	1,737	1,541
Canada	26,205	19,707	7,631	6,588	2,053	1,626	1,337	13	1,351	1,335	836	673	337	57	148	706	122	–	953	960
US	17,381	21,096	16,908	3,996	400	2,298	1,703	41	15	1,577	618	781	804	397	346	255	47	–	340	221
Emerging Markets	1,396	1,278	1,359	68	105	503	–	6	–	11	38	205	–	–	45	382	–	–	–	213
International	9,745	7,152	4,050	465	521	614	949	48	246	44	216	87	435	–	86	498	36	–	–	130
North America	172	172	–	312	70	488	–	307	–	–	–	30	–	151	–	–	–	–	–	–
Europe	–	776	–	72	–	11	–	–	–	3	–	–	–	–	–	–	–	–	–	–
Global	2,771	1,027	3,819	463	1,821	431	340	16	723	176	–	852	245	1	48	–	–	–	–	59
Sector	10,465	7,440	289	1,454	2,130	16	1,426	26	44	28	283	44	4	2,079	2	–	712	–	–	384
Agriculture	478	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	178	63	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	2,252	359	–	198	519	–	–	–	–	–	–	13	–	98	2	–	–	–	–	–
Financials	1,544	1,527	–	223	105	–	–	–	–	–	283	14	–	76	–	–	68	–	139	–
Health care	576	426	–	170	95	–	20	6	–	–	–	–	–	1,211	–	–	242	–	–	–
Industrials	–	46	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	583	2,890	–	3	3	6	100	–	–	–	–	16	–	135	–	–	–	–	–	–
Materials	1,372	57	–	94	172	–	–	–	–	–	–	–	–	–	–	–	52	–	–	–
Metals	207	84	–	96	–	–	–	–	–	–	–	–	–	20	–	–	–	–	–	–
Multiple	–	–	–	192	–	–	–	2	44	–	–	–	–	–	–	–	–	–	–	246
Real estate	1,136	593	269	67	846	10	64	18	–	21	–	–	–	–	–	–	–	–	–	–
Technology	2,139	1,394	–	411	584	–	1,236	–	–	7	–	–	–	4	321	–	–	–	–	–
Commodities	908	–	–	539	113	–	1	299	–	–	–	–	–	–	–	–	–	–	–	–
Energy	–	–	–	357	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	908	–	–	182	65	–	–	216	–	–	–	–	–	–	–	–	–	–	–	–
Multi-asset class	3,807	483	6,531	325	12	61	19	331	12	382	39	–	224	–	3	–	–	–	–	–
Money market	328	–	–	3,799	4,080	–	–	3,181	–	–	–	–	–	–	–	–	–	–	–	–
Currency	–	546	–	184	–	–	–	353	–	–	–	–	–	–	–	–	–	–	–	–
Cryptocurrency	–	–	–	63	731	–	–	981	–	–	–	–	–	34	–	–	–	–	–	–
Volatility	–	–	–	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

*Source: Investor Economics

Number of ETFs by Provider by Asset Category

Asset Category	BlackRock	BMO	Vanguard	Horizons	CI Investments	Mackenzie	TD	Purpose	National Bank	Invesco	RBC	Scotia	Fidelity	Harvest	CIBC	Manulife	Evolve	PIMCO	Hamilton	Desjardins
Management Code	BLK	BMO	VNG	HRZ	CIM	MFC	TDM	PFC	NBS	AIM	RBC	BNS	FID	HPG	CIB	MNL	EVL	PMC	HAM	DJD
Total	144	128	37	107	79	45	38	47	15	44	32	24	36	19	24	14	23	6	9	18
Fixed Income	36	39	9	11	20	19	10	7	5	10	13	4	4	–	9	3	2	6	–	5
Investment grade	30	33	9	9	16	12	8	4	4	8	13	4	4	–	4	3	2	5	–	5
Corporate	12	14	2	3	3	2	4	2	1	3	11	2	1	–	2	2	–	1	–	1
Government	7	13	1	2	3	1	2	–	–	2	–	–	–	–	–	–	–	–	–	1
Mix	11	6	6	4	10	9	2	2	3	3	2	2	3	–	2	1	2	4	–	3
High yield	6	6	–	2	4	7	2	3	1	2	–	–	–	–	5	–	–	1	–	–
Corporate	3	4	–	2	3	1	2	1	–	2	–	–	–	–	–	–	–	–	–	–
Emerging markets	1	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	2	1	–	–	–	4	–	2	1	–	–	1	–	–	5	–	–	–	1	–
Equity	96	82	23	71	51	22	25	21	9	33	19	19	25	19	12	11	16	–	9	13
Canada	18	10	3	15	7	3	5	2	3	7	4	4	5	2	3	4	2	–	3	4
US	25	23	6	10	8	3	6	2	1	13	4	4	12	2	2	5	2	–	2	3
Emerging Markets	7	3	1	2	3	4	–	1	–	1	1	2	–	–	1	1	–	–	–	2
International	16	10	7	4	8	4	4	3	2	4	7	4	3	–	3	1	1	–	–	2
North America	1	2	–	3	2	1	–	6	–	–	–	1	–	1	–	–	–	–	–	–
Europe	–	1	–	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Global	9	6	5	3	8	4	5	4	2	5	–	1	4	1	2	–	–	–	2	2
Sector	20	27	1	33	15	2	5	3	1	2	3	3	1	13	1	–	11	–	–	2
Agriculture	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	2	2	–	3	1	–	–	–	–	–	–	1	–	2	1	–	–			

CETFA Monthly Report (\$ millions)

as of October 31, 2022

AUM of ETFs by Provider by Asset Category

Asset Category	Franklin Templeton	AGF	Ninepoint	3IQ	Picton Mahoney	Brompton	First Trust	Middlefield	Guardian	Bristol Gate	Emerge	IA Clarington	Lysander	Accelerate	Russell	Arrow	Starlight	SmartBe	Evermore	Norrep	Caldwell	Mulvihill
Management Code	FLS	AGF	NPP	3IQ	PMF	BRM	FTP	MDG	GCL	BRI	EMR	IAC	LYS	ACL	RUS	ACM	STR	SBWI	EVR	NOR	CAL	MLV
Total	\$ 1,296	\$ 1,122	\$ 726	\$ 702	\$ 609	\$ 488	\$ 410	\$ 264	\$ 220	\$ 200	\$ 129	\$ 106	\$ 79	\$ 70	\$ 44	\$ 37	\$ 26	\$ 24	\$ 14	\$ 5	\$ 5	\$ 5
Fixed Income	\$ 529	\$ 159	\$ 52	\$ 702	\$ 609	\$ 488	\$ 410	\$ 264	\$ 220	\$ 200	\$ 129	\$ 106	\$ 79	\$ 70	\$ 44	\$ 37	\$ 26	\$ 24	\$ 14	\$ 5	\$ 5	\$ 5
Investment grade	523	159	50		349	62	2		61			44			13	17						
Corporate	36				349																	
Government																						
Mix	486	159	50		62	2			61			44			13							
High yield	7		1		32		41					29				17						
Corporate												9				17						
Emerging markets																						
Mix	7		1		32		2					21										5
Equity	\$ 764	\$ 963	\$ 633	\$ 194	\$ 258	\$ 348	\$ 264	\$ 159	\$ 200	\$ 129	\$ 79	\$ 106	\$ 31	\$ 31	\$ 10	\$ 26	\$ 24	\$ 8	\$ 5	\$ 5	\$ 5	
Canada	231	64			21	56		2	15		79	3						9				
US	356	422				210	35		185	1								15				5
Emerging Markets	5	54				3			5	1												5
International	79	32	4			4	20		5													
North America															7							
Europe	57					15																
Global	27	126			173	80	2		142		2									8	5	
Sector	10	266	629			159	58	228	5	123					31		26					
Agriculture																						
Consumer staples																						
Energy			626				17															
Financials						39					6											
Health care			1			63		134			19											
Industrials																						
Utilities & Infrastructure	6	260													31		14					
Materials																						
Metals			2																			
Multiple											82											
Real estate								95	5								12					
Technology	3					57	40				16											
Commodities						10																
Energy																						
Metals																						
Multi-asset class	2				34	158	19		1			33		56		20			5			
Money market			12																			
Currency																						
Cryptocurrency				30	702										4							
Volatility																						

*Source: Investor Economics

Number of ETFs by Provider by Asset Category

Asset Category	Franklin Templeton	AGF	Ninepoint	3IQ	Picton Mahoney	Brompton	First Trust	Middlefield	Guardian	Bristol Gate	Emerge	IA Clarington	Lysander	Accelerate	Russell	Arrow	Starlight	SmartBe	Evermore	Norrep	Caldwell	Mulvihill
Management Code	FLS	AGF	NPP	3IQ	PMF	BRM	FTP	MDG	GCL	BRI	EMR	IAC	LYS	ACL	RUS	ACM	STR	SBWI	EVR	NOR	CAL	MLV
Total	22	10	11	2	7	10	25	4	10	2	11	5	1	5	3	2	2	4	8	1	1	1
Fixed Income	8	2	2		2	1	3		1		3	1			1	1						
Investment grade	7	2	1		1	1	1		1		1	1			1	1						
Corporate	2				1																	
Government																						
Mix	5	2	1		1	1	1		1						1							
High yield	1				1												1					
Corporate							2					1										
Emerging markets																						
Mix	1		1		1		1					1										
Equity	13	8	7		3	6	21	4	8	2	11		1	2	2		2	4	6	1	1	1
Canada	2	1			1		1		1	1			1	1				2				1
US	2	2					8	1		1												
Emerging Markets	1	1					1															
International	2	1	2			1	3			1												
North America												1										
Europe	1					1									1							
Global	3	2			2	1	1		4		2									6	1	
Sector	2	1	5			3	7	3	1		6				2		2					
Agriculture																						
Consumer staples																						
Energy			2				1															
Financials						1					1											
Health care			1			1		2			1											
Industrials																						
Utilities & Infrastructure	1	1														2		1				
Materials																						
Metals			2																			
Multiple											1											
Real estate							6	1	1								1					
Technology	1					1	6				3											
Commodities																						
Energy																						
Metals																						
Multi-asset class	1					2	2	1		1		2		2			1			2		
Money market			1																			
Currency																						
Cryptocurrency				1	2										1							
Volatility																						

*Source: Investor Economics