CETFA Monthly Report ($ millions)

as of November 30, 2022

Top 25 ETFs by Net Creations - Current Month

	ETF Name	Ticker	Management Code	Current Month	YTD 2022
1	CI High Interest Savings ETF	CSAV	CIM	$ 468	$ 2,464
2	Horizons Cdn Select Universe Bond ETF	HBB	HRZ	405	1,376
3	BMO Aggregate Bond Index ETF	ZAG	BMO	381	1,043
4	iShares S&P/TSX 60 Index ETF	XIU	BLK	322	1,197
5	Horizons High Interest Savings ETF	CASH	HRZ	314	1,049
6	Purpose High Interest Savings ETF	PSA	PFC	308	1,632
7	Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	290	633
8	iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	228	(429)
9	BMO Long-Term US Treasury Bond Index ETF	ZTL	BMO	184	209
10	iShares Core Canadian Universe Bond Index ETF	XBB	BLK	142	428
11	Mackenzie Emerging Markets Local Currency Bond Index ETF	QEBL	MFC	136	128
12	iShares ESG Aware MSCI USA Index ETF	XSUS	BLK	135	150
13	NBI Sustainable Canadian Equity ETF	NSCE	NBS	133	988
14	Horizons S&P/TSX 60 Index ETF	HXT	HRZ	133	1,222
15	BMO Low Volatility U.S. Equity ETF	ZLU	BMO	112	(384)
16	Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	108	583
17	NBI High Yield Bond ETF	NHYB	NBS	107	271
18	BMO Mid-Term U.S. IG Corporate Bond Index Hedged to CAD ETF	ZMU	BMO	104	1,001
19	BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	103	783
20	Vanguard S&P 500 Index ETF (CAD-Hedged)	VSP	VNG	81	903
21	Evolve US High Interest Savings Account ETF (ETF Series)	HISU.U	EVL	81	111
22	BMO S&P US Mid Cap Index ETF	ZMID	BMO	81	111
23	iShares Core Canadian Corporate Bond Index ETF	XCB	BLK	80	260
24	BMO High Yield US Corporate Bond Index ETF	ZJK	BMO	79	64
25	BMO High Yield US Corporate Bond Hedged ETF	ZHY	BMO	71	112
		Top 25		$ 4,585	$ 15,905

Source: Investor Economics

Top 25 ETFs by Net Redemptions - Current Month

	ETF Name	Ticker	Management Code	Current Month	YTD 2022
1	BMO Ultra Short-Term Bond ETF	ZST	BMO	$ (930)	$ (121)
2	BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	(268)	(300)
3	BMO S&P 500 Index ETF	ZSP	BMO	(189)	(361)
4	Mackenzie Floating Rate Income ETF	MFT	MFC	(172)	(249)
5	BMO Money Market Fund ETF Series	ZMMK	BMO	(153)	240
6	iShares Core Canadian Short Term Bond Index ETF	XSB	BLK	(136)	(484)
7	BMO Equal Weight Banks Index ETF	ZEB	BMO	(123)	524
8	Manulife Smart Short-Term Bond ETF	TERM	MNL	(102)	(277)
9	Desjardins Alt Long/Short Equity Market Neutral ETF	DANC	DJD	(97)	(289)
10	CI Morningstar Canada Momentum Index ETF	WXM	CIM	(84)	(46)
11	iShares Core Growth ETF Portfolio	XGRO	BLK	(62)	283
12	CI Investment Grade Bond ETF	FIG	CIM	(61)	(323)
13	BMO Short Corporate Bond Index ETF	ZCS	BMO	(58)	28
14	iShares Core MSCI Emerging Markets IMI Index ETF	XEC	BLK	(54)	40
15	Invesco Long Term Government Bond Index ETF	PGL	AIM	(51)	(119)
16	BMO Europe High Dividend Covered Call ETF	ZWP	BMO	(46)	(64)
17	iShares Canadian Real Return Bond Index ETF	XRB	BLK	(43)	(145)
18	iShares S&P/TSX Capped Energy Index ETF	XEG	BLK	(41)	138
19	BMO Mid Provincial Bond Index ETF	ZMP	BMO	(41)	(361)
20	Fidelity International High Quality Index ETF	FCIQ	FID	(40)	(142)
21	iShares Core Canadian Short Term Corporate Bond Index ETF	XSH	BLK	(39)	(513)
22	BMO S&P 500 Hedged to CAD Index ETF	ZUE	BMO	(37)	130
23	BMO MSCI USA ESG Leaders Index ETF	ESGY	BMO	(36)	229
24	Manulife Multifactor Canadian Large Cap Index ETF	MCLC	MNL	(36)	(94)
25	iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	(36)	204
		Top 25		$ (2,935)	$ (2,073)

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	$ 12,263	3.6%
2	iShares S&P/TSX 60 Index ETF	XIU	BLK	11,442	3.3%
3	iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	9,509	2.8%
4	iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	8,129	2.4%
5	BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	7,018	2.0%
6	Vanguard S&P 500 Index ETF	VFV	VNG	6,988	2.0%
7	BMO Aggregate Bond Index ETF	ZAG	BMO	6,535	1.9%
8	iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	5,682	1.6%
9	Vanguard U.S. Total Market Index ETF	VUN	VNG	5,596	1.6%
10	BMO MSCI EAFE Index ETF	ZEA	BMO	5,381	1.6%
11	Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	5,154	1.5%
12	iShares Core S&P 500 Index ETF	XUS	BLK	4,823	1.4%
13	iShares Core Canadian Universe Bond Index ETF	XBB	BLK	4,679	1.4%
14	CI High Interest Savings ETF	CSAV	CIM	4,548	1.3%
15	Horizons S&P/TSX 60 Index ETF	HXT	HRZ	4,093	1.2%
16	Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	3,782	1.1%
17	Vanguard Growth ETF Portfolio	VGRO	VNG	3,647	1.1%
18	Purpose High Interest Savings ETF	PSA	PFC	3,453	1.0%
19	Vanguard FTSE Developed All Cap ex North America Index ETF	VIU	VNG	3,073	0.9%
20	BMO Equal Weight Banks Index ETF	ZEB	BMO	2,931	0.8%
21	BMO Covered Call Canadian Banks ETF	ZWB	BMO	2,901	0.8%
22	BMO Low Volatility Canadian Equity ETF	ZLB	BMO	2,874	0.8%
23	iShares Core Canadian Short Term Bond Index ETF	XSB	BLK	2,852	0.8%
24	Horizons Cdn Select Universe Bond ETF	HBB	HRZ	2,827	0.8%
25	Vanguard S&P 500 Index ETF (CAD-Hedged)	VSP	VNG	2,747	0.8%
		Top 25		$ 132,928	38.5%

Source: Investor Economics

Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2022	% of Total 2022
BlackRock Canada	BLK	$ 1,171	$ 447	162.0%	$ 4,291	13.7%
Horizons ETFs	HRZ	939	(279)	436.9%	3,563	11.4%
Vanguard Canada	VNG	855	366	134.0%	7,021	22.5%
CI Investments	CIM	620	394	57.5%	888	2.8%
Purpose Investments	PFC	352	467	-24.5%	2,303	7.4%
National Bank	NBS	271	236	14.8%	2,274	7.3%
RBC Global Asset Management	RBC	184	133	38.1%	788	2.5%
Fidelity	FID	108	71	52.4%	667	2.1%
Harvest Portfolios	HPG	100	18	450.8%	1,215	3.9%
Invesco ETFs	AIM	99	138	-28.1%	646	2.1%
Mackenzie	MFC	84	136	-38.5%	1,167	3.7%
Scotia Global Asset Management	BNS	79	(15)	613.9%	132	0.4%
Hamilton ETFs	HAM	72	63	14.1%	874	2.8%
AGFiQ	AGF	60	(26)	329.3%	(87)	–
PIMCO Canada	PMC	52	28	88.8%	150	0.5%
Evolve Funds	EVL	50	51	-3.0%	809	2.6%
TD Asset Management	TDM	44	58	-24.4%	576	1.8%
Brompton Funds	BRM	35	2	–	60	0.2%
Guardian Capital LP	GCL	3	1	256.5%	117	0.4%
Lysander Funds	LYS	1	–	–	(1)	–
Russell Investments Canada	RUS	1	1	-33.7%	0	–
Arrow Capital Management	ACM	0	–	–	7	–
Norrep	NOR	–	–	–	(1)	–
Mulvihill Capital Management	MLV	–	–	–	-	–
Caldwell	CAL	–	–	–	-	–
SmartBe Wealth	SBWI	–	–	–	(7)	–
Evermore Capital Management	EVR	–	4	–	15	–
Middlefield	MDG	–	–	–	20	0.1%
Starlight Investments	STR	(1)	(5)	86.0%	(7)	–
Accelerate Financial	ACL	(1)	(1)	7.4%	7	–
Emerge Canada	EMR	(1)	3	-136.8%	21	0.1%
IA Clarington	IAC	(4)	(8)	56.9%	(23)	–
Bristol Gate Capital Partners	BRI	(5)	(2)	-198.1%	(8)	–
3iQ	3IQ	(9)	(3)	-250.5%	(627)	–
First Trust Portfolios Canada	FTP	(15)	7	-313.7%	20	0.1%
Picton Mahoney Asset Management	PMF	(17)	22	-178.7%	138	0.4%
CIBC Asset Management	CIB	(18)	(95)	80.6%	(294)	–
Franklin Templeton	FLS	(23)	29	-178.9%	(667)	–
Ninepoint Partners	NPP	(24)	1	–	255	0.8%
Manulife Investment Management	MNL	(67)	60	-210.6%	128	0.4%
Desjardins Investments	DJD	(91)	34	-366.7%	(297)	–
BMO Asset Management	BMO	(229)	965	-123.8%	5,083	16.3%
Total		$ 4,676	$ 3,299	41.8%	$ 31,215	

Source: Investor Economics

AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2021
BlackRock Canada	BLK	144	$ 95,964	$ 90,400	6.2%	$ 99,820
BMO Asset Management	BMO	131	87,832	83,766	4.9%	91,735
Vanguard Canada	VNG	37	51,450	47,952	7.3%	48,749
Horizons ETFs	HRZ	107	22,958	21,348	7.5%	20,701
CI Investments	CIM	81	15,179	14,205	6.9%	15,987
Mackenzie	MFC	45	12,440	11,865	4.9%	12,673
TD Asset Management	TDM	38	8,055	7,619	5.7%	8,385
National Bank	NBS	15	6,733	6,225	8.2%	4,918
Purpose Investments	PFC	47	6,568	6,325	3.8%	6,253
Invesco ETFs	AIM	44	4,786	4,495	6.5%	4,581
RBC Global Asset Management	RBC	31	3,932	3,693	6.5%	3,520
Scotia Global Asset Management	BNS	26	3,346	3,180	5.2%	3,706
Fidelity	FID	36	3,307	3,035	9.0%	2,885
Harvest Portfolios	HPG	19	2,911	2,685	8.4%	1,968
CIBC Asset Management	CIB	24	2,526	2,465	2.5%	3,076
Manulife Investment Management	MNL	16	2,475	2,381	3.9%	2,490
Evolve Funds	EVL	23	2,125	2,076	2.3%	1,827
PIMCO Canada	PMC	6	2,078	1,984	4.7%	2,119
Hamilton ETFs	HAM	9	1,894	1,737	9.0%	1,208
Desjardins Investments	DJD	18	1,691	1,704	-0.8%	2,065
Franklin Templeton	FLS	22	1,331	1,296	2.7%	2,176
AGFiQ	AGF	10	1,234	1,122	10.0%	1,368
Ninepoint Partners	NPP	11	685	726	-5.7%	320
Picton Mahoney Asset Management	PMF	8	598	609	-1.8%	485
3iQ	3IQ	2	574	702	-18.2%	3,147
Brompton Funds	BRM	10	543	488	11.4%	606
First Trust Portfolios Canada	FTP	25	409	410	-0.3%	433
Middlefield	MDG	4	277	264	5.1%	272
Guardian Capital LP	GCL	10	232	220	5.4%	146
Bristol Gate Capital Partners	BRI	2	209	200	4.2%	238
Emerge Canada	EMR	11	124	129	-3.3%	222
IA Clarington	IAC	5	104	106	-2.1%	145
Lysander Funds	LYS	1	79	79	0.2%	101
Accelerate Financial	ACL	5	69	70	-1.6%	69
Russell Investments Canada	RUS	3	48	44	10.1%	52
Arrow Capital Management	ACM	2	38	37	2.2%	34
Starlight Investments	STR	2	27	26	1.6%	41
SmartBe Wealth	SBWI	4	24	24	3.0%	31
Evermore Capital Management	EVR	8	14	14	5.3%	–
Norrep	NOR	1	6	5	6.0%	7
Caldwell	CAL	1	5	5	-1.1%	5
Mulvihill Capital Management	MLV	1	–	–	–	–
Total		1,045	$ 344,882	$ 325,715	5.9%	$ 348,566

Source: Investor Economics

Market Share by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	Dec 2021
BlackRock Canada	BLK	27.8%	27.8%	0.1%	28.6%
BMO Asset Management	BMO	25.5%	25.7%	-0.3%	26.3%
Vanguard Canada	VNG	14.9%	14.7%	0.2%	14.0%
Horizons ETFs	HRZ	6.7%	6.6%	0.1%	5.9%
CI Investments	CIM	4.4%	4.4%	–	4.6%
Mackenzie	MFC	3.6%	3.6%	–	3.6%
TD Asset Management	TDM	2.3%	2.3%	–	2.4%
National Bank	NBS	2.0%	1.9%	–	1.4%
Purpose Investments	PFC	1.9%	1.9%	–	1.8%
Invesco ETFs	AIM	1.4%	1.4%	–	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	1.0%	0.9%	–	0.8%
Harvest Portfolios	HPG	0.8%	0.8%	–	0.6%
CIBC Asset Management	CIB	0.7%	0.8%	–	0.9%
Manulife Investment Management	MNL	0.7%	0.7%	–	0.7%
Evolve Funds	EVL	0.6%	0.6%	–	0.5%
PIMCO Canada	PMC	0.6%	0.6%	–	0.6%
Hamilton ETFs	HAM	0.5%	0.5%	–	0.3%
Desjardins Investments	DJD	0.5%	0.5%	–	0.6%
Franklin Templeton	FLS	0.4%	0.4%	–	0.6%
AGFiQ	AGF	0.4%	0.3%	–	0.4%
Ninepoint Partners	NPP	0.2%	0.2%	–	0.1%
Picton Mahoney Asset Management	PMF	0.2%	0.2%	–	0.1%
3iQ	3IQ	0.2%	0.2%	–	0.9%
Brompton Funds	BRM	0.2%	0.1%	–	0.2%
First Trust Portfolios Canada	FTP	0.1%	0.1%	–	0.1%
Middlefield	MDG	0.1%	0.1%	–	0.1%
Guardian Capital LP	GCL	0.1%	0.1%	–	–
Bristol Gate Capital Partners	BRI	0.1%	0.1%	–	0.1%
Emerge Canada	EMR	–	–	–	0.1%
IA Clarington	IAC	–	–	–	–
Lysander Funds	LYS	–	–	–	–
Accelerate Financial	ACL	–	–	–	–
Russell Investments Canada	RUS	–	–	–	–
Arrow Capital Management	ACM	–	–	–	–
Starlight Investments	STR	–	–	–	–
SmartBe Wealth	SBWI	–	–	–	–
Evermore Capital Management	EVR	–	–	–	–
Norrep	NOR	–	–	–	–
Caldwell	CAL	–	–	–	–
Mulvihill Capital Management	MLV	–	–	–	–

Source: Investor Economics

CETFA Monthly Report ($ millions)

as of November 30, 2022

New ETFs Launched in 2022 - Top Funds by AUM

	ETF Name	Ticker	Management Code	AUM	% of Total
1	BMO Japan Index ETF	ZJPN	BMO	$ 333	0.1%
2	Hamilton Enhanced U.S. Covered Call ETF	HYLD	HAM	299	0.1%
3	Harvest Diversified Monthly Income ETF	HDIF	HPG	232	0.1%
4	Horizons Gold Producer Equity Covered Call ETF	GLCC	HRZ	217	0.1%
5	Wealthsimple North American Green Bond Index ETF (CAD-Hedged)	WSGB	MFC	182	0.1%
6	Invesco ESG Global Bond ETF	IWBE	AIM	164	–
7	BMO Brookfield Global Renewables Infrastructure Fund (ETF Series)	GRNI	BMO	156	–
8	Ninepoint Energy Income Fund (ETF Series)	NRGI	NPP	127	–
9	Evolve US High Interest Savings Account ETF (ETF Series)	HISU.U	EVL	112	–
10	CI Auspice Broad Commodity ETF (CAD-Hedged)	CCOM	CIM	90	–
11	Horizons Canadian Oil and Gas Equity Covered Call ETF	ENCC	HRZ	65	–
12	CI Global Investment Grade ETF	CGIN	CIM	64	–
13	Dynamic Active Discount Bond ETF	DXDB	BNS	62	–
14	Harvest Canadian Equity Income Leaders ETF	HLIF	HPG	61	–
15	NBI Sustainable Canadian Short Term Bond ETF	NSSB	NBS	48	–
16	Purpose Cash Management Fund (ETF Series)	MNY	PFC	45	–
17	Fidelity All-in-One Equity ETF	FEQT	FID	43	–
18	Horizons US Large Cap Equity Covered Call ETF	USCC	HRZ	41	–
19	BMO Brookfield Global Real Estate Tech Fund (ETF Series)	TOWR	BMO	41	–
20	BMO Short-Term Discount Bond ETF	ZSDB	BMO	39	–
21	Evolve Canadian Banks and Lifecos Enhanced Yield Index Fund	BANK	EVL	32	–
22	Fidelity All-in-One Conservative ETF	FCNS	FID	31	–
23	Horizons Canadian Large Cap Equity Covered Call ETF	CNCC	HRZ	31	–
24	Dynamic Active Enhanced Yield Covered Options ETF	DXQ	BNS	31	–
25	Picton Mahoney Fortified Alpha Alternative Fund (ETF Series)	PFAA	PMF	30	–
				$ 2,578	**0.7%**

Source: Investor Economics

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

	ETF Name	Ticker	Management Code	Net Creations	% of Total
1	Evolve US High Interest Savings Account ETF (ETF Series)	HISU.U	EVL	$ 81	1.7%
2	Dynamic Active Discount Bond ETF	DXDB	BNS	61	1.3%
3	CI Global Investment Grade ETF	CGIN	CIM	60	1.3%
4	CI Auspice Broad Commodity ETF (CAD-Hedged)	CCOM	CIM	42	0.9%
5	Hamilton Enhanced U.S. Covered Call ETF	HYLD	HAM	40	0.9%
6	BMO Japan Index ETF	ZJPN	BMO	16	0.4%
7	Harvest Diversified Monthly Income ETF	HDIF	HPG	15	0.3%
8	Manulife Smart International Dividend ETF (CAD-Unhedged)	IDIV.B	MNL	11	0.2%
9	Purpose Cash Management Fund (ETF Series)	MNY	PFC	10	0.2%
10	Scotia Emerging Markets Equity Index Tracker ETF	SITE	BNS	10	0.2%
11	Horizons Canadian Utility Services High Dividend Index ETF	UTIL	HRZ	9	0.2%
12	Horizons Gold Producer Equity Covered Call ETF	GLCC	HRZ	9	0.2%
13	Franklin Bissett Ultra Short Bond Active ETF	FHIS	FLS	8	0.2%
14	Horizons Canadian Oil and Gas Equity Covered Call ETF	ENCC	HRZ	7	0.2%
15	Fidelity All-in-One Equity ETF	FEQT	FID	7	0.1%
16	Hamilton Enhanced Utilities ETF	HUTS	HAM	7	0.1%
17	BMO Short-Term Discount Bond ETF	ZSDB	BMO	6	0.1%
18	Harvest Tech Achievers Enhanced Income ETF	HTAE	HPG	5	0.1%
19	Brompton Enhanced Multi-Asset Income ETF (CAD-Hedged)	BMAX	BRM	5	0.1%
20	Harvest Canadian Equity Income Leaders ETF	HLIF	HPG	5	0.1%
21	Ninepoint Energy Income Fund (ETF Series)	NRGI	NPP	4	0.1%
22	BMO All-Equity ETF	ZEQT	BMO	3	0.1%
23	Evolve Canadian Banks and Lifecos Enhanced Yield Index Fund	BANK	EVL	3	0.1%
24	Manulife Smart International Defensive Equity ETF (CAD-Unhedged)	IDEF.B	MNL	3	0.1%
25	BMO Brookfield Global Real Estate Tech Fund (ETF Series)	TOWR	BMO	2	0.1%
				$ 430	**9.2%**

Source: Investor Economics

	Current Month	Previous Month	Change	YTD 2022	% of Total 2022
Total	**$ 4,676**	**$ 3,299**	**41.8%**	**$ 31,215**	**100.0%**
Fixed income	**1,522**	**910**	**67.3%**	**7,996**	**25.6%**
Investment grade	1,145	683	67.8%	7,856	25.2%
Corporate	(660)	636	-203.9%	937	3.0%
Government	203	206	-1.3%	1,089	3.5%
Mix	1,603	(159)	–	5,831	18.7%
High yield	377	227	66.0%	139	0.4%
Corporate	178	51	249.4%	(56)	-0.2%
Emerging markets	170	(8)	–	89	0.3%
Mix	28	184	-84.7%	97	0.3%
Equity	**1,977**	**998**	**98.1%**	**14,452**	**46.3%**
Canada	684	(51)	–	3,732	12.0%
US	778	667	16.7%	5,223	16.7%
Emerging Markets	84	115	-26.9%	82	0.3%
International	123	10	–	1,976	6.3%
North America	22	(8)	372.7%	78	0.2%
Europe	(52)	(44)	-15.8%	(138)	-0.4%
Global	62	52	20.2%	1,127	3.6%
Sector	277	258	7.4%	2,373	7.6%
Agriculture	48	4	–	159	0.5%
Consumer staples	8	1	596.3%	(31)	-0.1%
Energy	(22)	(109)	79.7%	334	1.1%
Financials	(17)	(32)	46.3%	(84)	-0.3%
Health care	29	(14)	316.6%	504	1.6%
Industrials	(3)	8	-139.6%	(2)	–
Utilities & Infrastructure	40	112	-64.2%	933	3.0%
Materials	20	39	-49.1%	(337)	-1.1%
Metals	15	25	-39.1%	(50)	-0.2%
Multiple	28	32	-13.3%	–	–
Real estate	75	26	182.7%	(120)	-0.4%
Technology	56	165	-65.9%	650	2.1%
Commodities	**110**	**(68)**	**262.2%**	**(260)**	**-0.8%**
Energy	33	(10)	421.8%	84	0.3%
Metals	34	(84)	140.7%	(457)	-1.5%
Multi-asset class	**37**	**111**	**-67.1%**	**1,916**	**6.1%**
Money market	**1,192**	**1,044**	**14.1%**	**7,047**	**22.6%**
Currency	**(136)**	**303**	**-145.0%**	**341**	**1.1%**
Cryptocurrency	**(38)**	**6**	**-685.8%**	**(284)**	**-0.9%**
Volatility	**12**	**(6)**	**295.2%**	**7**	**–**
of which inverse/leveraged	**$ 68**	**$ (15)**	**539.7%**	**$ 287**	**0.9%**

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	**23.2%**	**23.5%**	**-0.3%**	**23.3%**
Investment grade	20.5%	20.8%	-0.3%	20.2%
Corporate	6.2%	6.6%	-0.4%	6.5%
Government	3.2%	3.1%	0.1%	3.2%
Mix	11.2%	11.1%	0.1%	10.6%
High yield	2.7%	2.7%	–	3.0%
Corporate	0.7%	0.6%	–	0.8%
Emerging markets	0.5%	0.5%	–	0.6%
Mix	1.5%	1.6%	-0.1%	1.6%
Equity	**67.5%**	**67.2%**	**0.4%**	**68.4%**
Canada	22.4%	22.5%	-0.1%	22.4%
US	21.4%	21.5%	–	21.8%
Emerging Markets	1.9%	1.7%	0.2%	2.1%
International	8.2%	7.8%	0.4%	8.3%
North America	0.5%	0.5%	–	0.5%
Europe	0.3%	0.3%	–	0.3%
Global	4.2%	4.1%	0.1%	4.2%
Sector	8.7%	8.7%	–	8.8%
Agriculture	0.2%	0.1%	–	0.1%
Consumer staples	0.1%	0.1%	–	0.1%
Energy	1.2%	1.3%	-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	0.6%	0.5%	–	0.7%
Metals	0.1%	0.1%	–	0.2%
Multiple	0.2%	0.2%	–	0.2%
Real estate	0.9%	0.9%	–	1.2%
Technology	2.0%	2.0%	–	2.5%
Commodities	**0.6%**	**0.6%**	**–**	**0.7%**
Energy	0.1%	0.1%	–	0.1%
Metals	0.4%	0.4%	–	0.6%
Multi-asset class	**3.8%**	**3.8%**	**–**	**3.6%**
Money market	**3.9%**	**3.8%**	**0.1%**	**1.8%**
Currency	**0.3%**	**0.3%**	**-0.1%**	**0.2%**
Cryptocurrency	**0.6%**	**0.8%**	**-0.2%**	**2.1%**
Volatility	**–**	**–**	**–**	**–**
of which inverse/leveraged	**0.4%**	**0.4%**	**–**	**0.4%**

Source: Investor Economics

CETFA Monthly Report ($ millions)

as of November 30, 2022

AUM of ETFs by Provider by Asset Category

Asset Category	BlackRock	BMO	Vanguard	Horizons	CI Investments	Mackenzie	TD	National Bank	Purpose	Invesco	RBC	Scotia	Fidelity	Harvest	CIBC	Manulife	Evolve	PIMCO	Hamilton	Desjardins
Management Code	BLK	BMO	VNG	HRZ	CIM	MFC	TDM	NBS	PFC	AIM	RBC	BNS	FID	HPG	CIB	MNL	EVL	PMC	HAM	DJD
Total	**$ 95,964**	**$ 87,832**	**$ 51,450**	**$ 22,958**	**$ 15,179**	**$ 12,440**	**$ 8,055**	**$ 6,733**	**$ 6,568**	**$ 4,786**	**$ 3,932**	**$ 3,346**	**$ 3,307**	**$ 2,911**	**$ 2,526**	**$ 2,475**	**$ 2,125**	**$ 2,078**	**$ 1,894**	**$ 1,691**
Fixed income	**17,628**	**25,117**	**7,937**	**3,911**	**2,252**	**5,999**	**1,978**	**3,728**	**747**	**1,309**	**1,903**	**604**	**1,038**	**–**	**1,800**	**451**	**33**	**2,078**	**–**	**173**
Investment grade	17,016	23,136	7,937	3,811	2,201	3,098	1,965	2,722	528	1,235	1,903	384	1,038	–	1,757	451	33	161	–	173
Corporate	4,607	8,639	1,264	800	465	793	73	48	465	455	1,262	240	145	–	1,172	446	–	17	–	7
Government	2,592	5,282	58	118	933	422	1,393	–	–	159	–	–	–	–	–	–	–	–	–	18
Mix	9,818	9,215	6,616	2,893	803	1,883	499	2,673	63	620	642	145	893	–	585	5	33	144	–	147
High yield	612	1,982	–	101	51	2,901	13	1,006	219	74	–	220	–	–	42	–	–	1,916	–	–
Corporate	505	1,350	–	101	25	28	13	–	87	74	–	–	–	–	–	–	–	–	–	–
Emerging markets	78	624	–	–	–	1,057	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	29	8	–	–	1	1,816	–	1,006	132	–	–	220	–	–	42	–	–	1,916	–	–
Equity	**73,060**	**61,803**	**36,598**	**13,801**	**7,624**	**6,372**	**6,053**	**2,636**	**478**	**3,437**	**2,029**	**2,742**	**1,991**	**2,911**	**723**	**2,024**	**905**	**–**	**1,894**	**1,518**
Canada	28,027	20,183	8,389	7,004	2,131	1,718	1,382	1,553	14	1,395	808	697	364	63	156	733	110	–	1,017	878
US	18,417	22,134	17,687	3,747	481	2,406	1,784	16	42	1,765	656	783	888	435	361	291	50	–	396	232
Emerging Markets	1,558	1,537	1,587	78	133	569	–	–	7	12	43	239	–	–	55	425	–	–	–	244
International	10,674	8,109	4,510	501	573	686	1,046	262	51	44	227	96	445	–	97	576	33	–	–	142
North America	180	181	–	366	68	516	–	–	320	–	–	31	–	154	–	–	–	–	–	–
Europe	–	826	–	82	–	10	–	–	–	3	–	–	–	–	–	–	–	–	–	–
Global	3,018	1,096	4,137	501	1,952	451	356	758	17	189	–	845	290	1	53	–	–	–	59	22
Sector	11,185	7,736	289	1,521	2,286	16	1,486	47	27	28	295	51	5	2,259	2	–	711	–	421	–
Agriculture	535	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	197	68	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	2,209	376	–	196	549	–	–	–	–	–	–	12	–	105	2	–	–	–	–	–
Financials	1,629	1,518	–	242	107	–	–	–	–	–	295	16	–	87	–	–	67	–	144	–
Health care	616	458	–	169	110	–	31	–	6	–	–	–	–	1,270	–	–	246	–	–	–
Industrials	–	45	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	609	2,996	–	3	3	6	102	–	–	–	–	22	–	146	–	–	–	–	–	–
Materials	1,572	70	–	120	192	–	–	–	–	–	–	–	–	–	–	–	59	–	–	–
Metals	268	95	–	100	–	–	–	–	–	–	–	–	–	24	–	–	–	–	–	–
Multiple	–	–	–	201	–	–	–	47	2	–	–	–	–	232	–	–	–	–	277	–
Real estate	1,288	643	289	69	695	11	69	–	19	21	–	–	–	13	–	–	1	–	–	–
Technology	2,263	1,466	–	420	624	–	1,284	–	–	7	–	–	5	382	–	–	338	–	–	–
Commodities	**1,009**	**–**	**–**	**599**	**161**	**–**	**3**	**–**	**321**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Energy	–	–	–	392	–	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	1,009	–	–	207	70	–	–	–	234	–	–	–	–	–	–	–	–	–	–	–
Multi-asset class	**3,950**	**514**	**6,915**	**320**	**13**	**69**	**21**	**369**	**339**	**41**	**–**	**–**	**249**	**–**	**3**	**–**	**–**	**–**	**–**	**–**
Money market	**318**	**–**	**–**	**4,009**	**4,548**	**–**	**–**	**–**	**3,498**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**1,082**	**–**	**–**	**–**
Currency	**–**	**398**	**–**	**180**	**–**	**–**	**–**	**–**	**374**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Cryptocurrency	**–**	**–**	**–**	**60**	**581**	**–**	**–**	**–**	**812**	**–**	**–**	**–**	**29**	**–**	**–**	**–**	**105**	**–**	**–**	**–**
Volatility	**–**	**–**	**–**	**79**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**

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	Scotia	Fidelity	Harvest	CIBC	Manulife	Evolve	PIMCO	Hamilton	Desjardins
Management Code	BLK	BMO	VNG	HRZ	CIM	MFC	TDM	NBS	PFC	AIM	RBC	BNS	FID	HPG	CIB	MNL	EVL	PMC	HAM	DJD
Total	**144**	**131**	**37**	**107**	**81**	**45**	**38**	**15**	**47**	**44**	**31**	**26**	**36**	**19**	**24**	**16**	**23**	**6**	**9**	**18**
Fixed income	**36**	**39**	**9**	**11**	**22**	**19**	**10**	**5**	**7**	**10**	**12**	**6**	**4**	**–**	**9**	**3**	**2**	**6**	**–**	**5**
Investment grade	30	33	9	9	17	12	8	4	4	8	12	5	4	–	4	3	2	5	–	5
Corporate	12	14	2	3	3	2	4	1	2	3	10	3	1	–	2	2	–	1	–	1
Government	7	13	1	2	3	1	2	–	–	2	–	–	–	–	–	–	–	–	–	1
Mix	11	6	6	4	11	9	2	3	2	3	2	2	3	–	2	1	2	4	–	3
High yield	6	6	–	2	5	7	2	1	3	2	–	1	–	–	5	–	–	1	–	–
Corporate	3	4	–	2	3	1	2	–	1	2	–	–	–	–	–	–	–	–	–	–
Emerging markets	1	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	2	1	–	–	1	4	–	1	2	–	–	1	–	–	5	–	–	1	–	–
Equity	**96**	**85**	**23**	**71**	**51**	**22**	**25**	**9**	**21**	**33**	**19**	**20**	**25**	**19**	**12**	**13**	**16**	**–**	**9**	**13**
Canada	18	10	3	15	7	3	5	3	2	7	4	4	5	2	3	4	2	–	3	4
US	25	23	6	10	8	3	6	1	2	13	4	4	12	2	2	5	2	–	2	3
Emerging Markets	7	3	1	2	3	4	–	–	1	1	1	3	–	–	1	1	–	–	–	2
International	16	10	7	4	8	4	4	2	3	4	7	4	3	–	3	3	1	–	–	2
North America	1	2	–	3	2	1	–	–	6	–	–	1	–	1	–	–	–	–	–	–
Europe	–	1	–	1	–	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Global	9	6	5	3	8	4	5	2	4	5	–	1	4	1	2	–	–	–	2	2
Sector	20	30	1	33	15	2	5	1	3	2	3	3	1	13	1	–	11	–	2	–
Agriculture	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	2	2	–	3	1	–	–	–	–	–	–	1	–	2	1	–	–	–	–	–
Financials	2	3	–	4	1	–	–	–	–	–	3	1	–	1	–	–	2	–	1	–
Health care	2	3	–	6	3	–	1	–	1	–	–	–	–	2	–	–	1	–	–	–
Industrials	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	2	4	–	1	1	1	1	–	–	–	–	1	–	2	–	–	–	–	–	–
Materials	3	1	–	2	1	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–
Metals	1	2	–	3	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
Multiple	–	–	–	1	–	–	–	1	1	–	–	–	–	1	–	–	–	–	1	–
Real estate	2	2	1	3	3	1	1	–	1	1	–	–	–	1	–	–	1	–	–	–
Technology	4	10	–	10	4	–	2	–	–	1	–	–	1	3	–	–	6	–	–	–
Commodities	**2**	**–**	**–**	**14**	**2**	**–**	**1**	**–**	**3**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Energy	–	–	–	7	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	2	–	–	7	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–
Multi-asset class	**9**	**6**	**5**	**3**	**1**	**4**	**2**	**1**	**6**	**1**	**–**	**–**	**5**	**–**	**3**	**–**	**–**	**–**	**–**	**–**
Money market	**1**	**–**	**–**	**3**	**1**	**–**	**–**	**–**	**2**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**2**	**–**	**–**	**–**
Currency	**–**	**1**	**–**	**2**	**–**	**–**	**–**	**–**	**1**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Cryptocurrency	**–**	**–**	**–**	**2**	**4**	**–**	**–**	**–**	**7**	**–**	**–**	**–**	**2**	**–**	**–**	**–**	**3**	**–**	**–**	**–**
Volatility	**–**	**–**	**–**	**1**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**

Source: Investor Economics

CETFA Monthly Report ($ millions)

as of November 30, 2022

AUM of ETFs by Provider by Asset Category

Asset Category	Franklin Templeton	AGF	Ninepoint	Picton Mahoney	3iQ	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**	**PMF**	**3IQ**	**BRM**	**FTP**	**MDG**	**GCL**	**BRI**	**EMR**	**IAC**	**LYS**	**ACL**	**RUS**	**ACM**	**STR**	**SBWI**	**EVR**	**NOR**	**CAL**	**MLV**
Total	**$ 1,331**	**$ 1,234**	**$ 685**	**$ 598**	**$ 574**	**$ 543**	**$ 409**	**$ 277**	**$ 232**	**$ 209**	**$ 124**	**$ 104**	**$ 79**	**$ 69**	**$ 48**	**$ 38**	**$ 27**	**$ 24**	**$ 14**	**$ 6**	**$ 5**	**–**
Fixed income	**541**	**164**	**32**	**364**	**–**	**65**	**42**	**–**	**63**	**–**	**–**	**69**	**–**	**–**	**16**	**18**	**–**	**–**	**–**	**–**	**–**	**–**
Investment grade	532	164	31	330	–	65	2	–	63	–	–	38	–	–	16	–	–	–	–	–	–	–
Corporate	36	–	–	329	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Government	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	495	164	31	1	–	65	2	–	63	–	–	38	–	–	16	–	–	–	–	–	–	–
High yield	10	–	1	34	–	–	40	–	–	–	–	31	–	–	–	18	–	–	–	–	–	–
Corporate	–	–	–	–	–	–	39	–	–	–	–	10	–	–	–	18	–	–	–	–	–	–
Emerging markets	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	10	–	1	34	–	–	2	–	–	–	–	21	–	–	–	–	–	–	–	–	–	–
Equity	**787**	**1,070**	**618**	**198**	**–**	**293**	**347**	**277**	**169**	**209**	**124**	**–**	**79**	**11**	**32**	**–**	**27**	**24**	**9**	**6**	**5**	**–**
Canada	238	66	–	23	–	–	60	–	2	15	–	–	79	3	–	–	–	9	–	–	–	–
US	357	492	–	–	–	–	205	37	–	194	1	–	–	–	–	–	–	15	–	–	5	–
Emerging Markets	6	61	–	–	–	–	2	–	6	–	1	–	–	–	–	–	–	–	–	–	–	–
International	87	36	2	–	–	4	22	–	5	–	–	–	–	–	–	–	–	–	–	–	–	–
North America	–	–	–	–	–	–	–	–	–	–	1	–	–	8	–	–	–	–	–	–	–	–
Europe	59	–	–	–	–	16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Global	31	131	–	176	–	83	3	–	150	–	2	–	–	–	–	–	–	–	9	6	–	–
Sector	10	284	615	–	–	189	54	240	5	–	118	–	–	–	32	–	27	–	–	–	–	–
Agriculture	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	–	–	612	–	–	–	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Financials	–	–	–	–	–	41	–	–	–	–	5	–	–	–	–	–	–	–	–	–	–	–
Health care	–	–	1	–	–	65	–	139	–	–	18	–	–	–	–	–	–	–	–	–	–	–
Industrials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	7	284	–	–	–	–	–	–	–	–	–	–	–	–	32	–	14	–	–	–	–	–
Materials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multiple	–	–	–	–	–	–	–	–	–	–	80	–	–	–	–	–	–	–	–	–	–	–
Real estate	–	–	–	–	–	–	–	101	5	–	–	–	–	–	–	–	12	–	–	–	–	–
Technology	4	–	–	–	–	83	40	–	–	–	14	–	–	–	–	–	–	–	–	–	–	–
Commodities	**–**	**–**	**–**	**–**	**–**	**11**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Energy	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multi-asset class	**2**	**–**	**–**	**36**	**–**	**174**	**20**	**–**	**1**	**–**	**–**	**35**	**–**	**54**	**–**	**20**	**–**	**–**	**6**	**–**	**–**	**–**
Money market	**–**	**–**	**12**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Currency	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Cryptocurrency	**–**	**–**	**23**	**–**	**574**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**4**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Volatility	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**

**Source: Investor Economics*

Number of ETFs by Provider by Asset Category

Asset Category	Franklin Templeton	AGF	Ninepoint	Picton Mahoney	3iQ	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**	**PMF**	**3IQ**	**BRM**	**FTP**	**MDG**	**GCL**	**BRI**	**EMR**	**IAC**	**LYS**	**ACL**	**RUS**	**ACM**	**STR**	**SBWI**	**EVR**	**NOR**	**CAL**	**MLV**
Total	**22**	**10**	**11**	**8**	**2**	**10**	**25**	**4**	**10**	**2**	**11**	**5**	**1**	**5**	**3**	**2**	**2**	**4**	**8**	**1**	**1**	**1**
Fixed income	**8**	**2**	**2**	**3**	**–**	**1**	**3**	**–**	**1**	**–**	**–**	**3**	**–**	**–**	**1**	**1**	**–**	**–**	**–**	**–**	**–**	**–**
Investment grade	7	2	1	2	–	1	1	–	1	–	–	1	–	–	1	–	–	–	–	–	–	–
Corporate	2	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Government	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	5	2	1	1	–	1	1	–	1	–	–	1	–	–	1	–	–	–	–	–	–	–
High yield	1	–	1	1	–	–	2	–	–	–	–	2	–	–	–	1	–	–	–	–	–	–
Corporate	–	–	–	–	–	–	1	–	–	–	–	1	–	–	–	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	1	–	–	–	–	–	–	2	–	–	1	–
Emerging Markets	1	1	–	–	–	–	1	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–
International	2	1	2	–	–	1	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
North America	–	–	–	–	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	–	–	–
Europe	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	–	–	–	–	–	–	–	–	1	–	–
Industrials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	1	1	–	–	–	–	–	–	–	–	–	–	–	–	2	–	1	–	–	–	–	–
Materials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multiple	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–
Real estate	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	1	–	–	–	–	–
Technology	1	–	–	–	–	1	6	–	–	–	3	–	–	–	–	–	–	–	–	–	–	–
Commodities	**–**	**–**	**–**	**–**	**–**	**1**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
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*

CETFA Monthly Report ($ millions)

as of November 30, 2022

AUM by Asset Category				
Asset Category	**Current Month**	**Previous Month**	**Change**	**Dec 2021**
Total	**$ 344,882**	**$ 325,715**	**5.9%**	**$ 348,566**
Fixed income	**80,060**	**76,425**	**4.8%**	**81,055**
Investment grade	70,790	67,726	4.5%	70,577
Corporate	21,262	21,495	-1.1%	22,677
Government	10,976	10,196	7.7%	11,073
Mix	38,551	36,035	7.0%	36,827
High yield	9,270	8,699	6.6%	10,478
Corporate	2,248	2,026	11.0%	2,719
Emerging markets	1,758	1,509	16.5%	1,999
Mix	5,238	5,140	1.9%	5,738
Equity	**232,884**	**218,751**	**6.5%**	**238,278**
Canada	77,118	73,316	5.2%	77,938
US	73,877	69,933	5.6%	75,871
Emerging Markets	6,561	5,678	15.6%	7,432
International	28,229	25,464	10.9%	29,028
North America	1,825	1,711	6.7%	1,695
Europe	997	933	6.8%	1,218
Global	14,337	13,375	7.2%	14,468
Sector	29,941	28,341	5.6%	30,627
Agriculture	535	478	12.0%	307
Consumer staples	265	241	9.7%	297
Energy	4,075	4,084	-0.2%	2,372
Financials	4,152	4,024	3.2%	4,698
Health care	3,131	2,968	5.5%	2,908
Industrials	45	46	-2.6%	49
Utilities & Infrastructure	4,225	4,053	4.2%	3,477
Materials	2,013	1,747	15.2%	2,462
Metals	490	409	19.8%	536
Multiple	840	773	8.7%	535
Real estate	3,236	2,949	9.7%	4,169
Technology	6,929	6,563	5.6%	8,811
Commodities	**2,104**	**1,870**	**12.5%**	**2,370**
Energy	395	359	10.1%	331
Metals	1,520	1,371	10.9%	1,972
Multi-asset class	**13,151**	**12,526**	**5.0%**	**12,509**
Money market	**13,466**	**12,303**	**9.5%**	**6,238**
Currency	**951**	**1,082**	**-12.1%**	**583**
Cryptocurrency	**2,186**	**2,678**	**-18.3%**	**7,452**
Volatility	**79**	**80**	**-1.2%**	**81**

**Source: Investor Economics*