

CETFA Monthly Report (\$ millions)

as of December 31, 2017

Top 25 ETFs by Net Creations - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2017
1 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	\$ 337	\$ 1,287
2 iShares Core Canadian Short Term Corporate + Maple Bond Index ETF	XSH	BLK	150	313
3 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	149	611
4 iShares Canadian Universe Bond Index ETF	XBB	BLK	106	275
5 BMO S&P 500 Index ETF	ZSP	BMO	96	765
6 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	95	1,213
7 Horizons Manjuna Life Sciences Index ETF	HMMJ	HRZ	95	351
8 BMO Aggregate Bond Index ETF	ZAG	BMO	92	1,222
9 RBC Target 2023 Corporate Bond Index ETF	ROK	RBC	86	90
10 Horizons S&P 500 Index ETF	HXS	HRZ	81	96
11 PIMCO Monthly Income (Canada) ETF	PMIF	PMC	65	277
12 BetaPro Natural Gas 2x Daily Bull ETF	HNU	HRZ	65	257
13 Horizons Active Preferred Share ETF	HPR	HRZ	62	454
14 iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	59	706
15 BMO MSCI EAFE Index ETF	ZEAF	BMO	57	720
16 BMO Equal Weight US Banks Index ETF	ZBK	BMO	53	130
17 RBC Canadian Preferred Share ETF	RPF	RBC	49	521
18 iShares U.S. High Yield Bond Index ETF (CAD-Hedged)	XHY	BLK	47	82
19 BMO Short Federal Bond Index ETF	ZFS	BMO	46	304
20 First Asset Enhanced Short Duration Bond ETF	FSB	FAF	45	228
21 iShares S&P/TSX Capped Financials Index ETF	XFN	BLK	43	(59)
22 BMO Covered Call Canadian Banks ETF	ZWB	BMO	41	295
23 Desjardins Emerging Markets Multifactor-Controlled Volatility ETF	DFE	DJD	40	40
24 BMO Europe High Dividend Covered Call Hedged to CAD ETF	ZWE	BMO	37	478
25 Franklin LibertyQT U.S. Equity Index ETF	FLUS	FLS	37	201
Top 25			\$ 2,036	\$ 10,859

*Source: Strategic Insight

Top 25 ETFs by Net Redemptions - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2017
1 iShares S&P/TSX 60 Index ETF	XIU	BLK	\$ (716)	\$ (1,895)
2 iShares 1-5 Year Laddered Corporate Bond Index ETF	CBO	BLK	(105)	(351)
3 BMO Target 2019 Corporate Bond Index ET	RQT	RBC	(92)	(67)
4 iShares Core Canadian Long Term Bond Index ETF	XLB	BLK	(75)	60
5 BMO Short Corporate Bond Index ETF	ZCS	BMO	(65)	456
6 iShares 1-5 Year Laddered Government Bond Index ETF	CLF	BLK	(47)	(158)
7 iShares Canadian HYbrid Corporate Bond Index ETF	XHB	BLK	(41)	(62)
8 iShares Canadian Short Term Bond Index ETF	XSB	BLK	(41)	(369)
9 PowerShares 1-5 Year Laddered Investment Grade Corporate Bond Index ETF	PSB	AIM	(39)	(24)
10 iShares MSCI World Index ETF	XWD	BLK	(35)	24
11 BetaPro Grade Oil 2x Daily Bull ETF	HOU	HRZ	(32)	(97)
12 BetaPro S&P/TSX Capped Financials™ 2x Daily Bull ETF	HFU	HRZ	(31)	(1)
13 Horizons S&P/TSX Capped Financials Index ETF	HXF	HRZ	(29)	1
14 Vanguard Canadian Short-Term Bond Index ETF	VSX	VNG	(29)	96
15 iShares Edge MSCI Min Vol Canada Index ETF	XMV	BLK	(27)	(16)
16 Purpose High Interest Savings ETF	PSA	PFC	(25)	183
17 Horizons Active Floating Rate Bond ETF	HFR	HRZ	(22)	47
18 Horizons S&P/TSX Capped Energy Index ETF	HXE	HRZ	(16)	19
19 iShares S&P/TSX Canadian Dividend Aristocrats Index ETF	CDZ	BLK	(15)	43
20 iShares Canadian Government Bond Index ETF	XGB	BLK	(15)	31
21 First Trust Senior Loan ETF (CAD-Hedged)	FSL	FTP	(15)	(8)
22 WisdomTree Yield Enhanced Canada Aggregate Bond Index ETF	CAGG	WDT	(14)	29
23 First Trust AlphaDEX U.S. Consumer Discretionary Sector Index ETF	FHD	FTP	(11)	–
24 PowerShares Canadian Preferred Share Index ETF	PPS	AIM	(10)	5
25 Desjardins 1-5 Year Laddered Canadian Government Bond Index ETF	DCG	DJD	(10)	15
Top 25			\$ (1,557)	\$ (2,029)

*Source: Strategic Insight

Top 25 Largest ETFs by AUM

ETF Name	Ticker	Management Code	AUM	% of Total
1 iShares S&P/TSX 60 Index ETF	XIU	BLK	\$ 11,091	7.5%
2 BMO S&P 500 Index ETF	ZSP	BMO	4,263	2.9%
3 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	4,189	2.8%
4 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	4,082	2.8%
5 BMO Aggregate Bond Index ETF	ZAG	BMO	3,332	2.3%
6 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	3,170	2.2%
7 iShares Canadian Universe Bond Index ETF	XBB	BLK	2,366	1.6%
8 BMO Laddered Preferred Share Index ETF	ZPR	BMO	2,169	1.5%
9 BMO MSCI EAFE Index ETF	ZEAF	BMO	2,024	1.4%
10 iShares Canadian Short Term Bond Index ETF	XSB	BLK	1,927	1.3%
11 iShares Canadian Corporate Bond Index ETF	XCB	BLK	1,808	1.2%
12 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	1,753	1.2%
13 BMO Covered Call Canadian Banks ETF	ZWB	BMO	1,699	1.2%
14 BMO Short Corporate Bond Index ETF	ZCS	BMO	1,695	1.2%
15 iShares 1-5 Year Laddered Corporate Bond Index ETF	CBO	BLK	1,603	1.1%
16 iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	1,577	1.1%
17 Horizons Active Preferred Share ETF	HPR	HRZ	1,538	1.0%
18 iShares Canadian Select Dividend Index ETF	XDV	BLK	1,535	1.0%
19 iShares S&P/TSX Canadian Preferred Share Index ETF	CPD	BLK	1,527	1.0%
20 iShares MSCI EAFE Index ETF (CAD-Hedged)	XIN	BLK	1,486	1.0%
21 Vanguard S&P 500 Index ETF	VFV	VNG	1,447	1.0%
22 BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	1,438	1.0%
23 BMO U.S. Dividend ETF	ZDY	BMO	1,417	1.0%
24 iShares S&P/TSX Capped REIT Index ETF	XRE	BLK	1,384	0.9%
25 BMO Equal Weight Banks Index ETF	ZEB	BMO	1,375	0.9%
Top 25			\$ 61,896	42.1%

*Source: Strategic Insight

Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2017	% of Total
BMO Asset Management	BMO	\$ 999	\$ 756	32.3%	\$ 10,320	40.0%
Horizons ETFs	HRZ	371	79	370.7%	2,198	8.5%
Vanguard Canada	VNG	233	223	4.8%	3,155	12.2%
First Asset	FAF	120	155	-22.8%	1,126	4.4%
RBC Global Asset Management	RBC	75	69	8.2%	2,328	9.0%
PIMCO Canada	PMC	67	163	-58.6%	300	1.2%
Mackenzie	MFC	60	132	-54.3%	1,157	4.5%
Franklin LibertyShares	FLS	39	4	866.6%	227	0.9%
Redwood Asset Management	RDW	33	11	186.6%	101	0.4%
Desjardins Investments	DJD	28	–	–	130	0.5%
Invesco PowerShares	AIM	13	93	-85.5%	273	1.1%
Harvest Portfolios	HPG	11	21	-49.5%	221	0.9%
Hamilton Capital	HMC	7	6	22.6%	73	0.3%
TD Asset Management	TDM	7	8	-15.1%	67	0.3%
Lysander Funds	LYS	6	5	20.0%	43	0.2%
Evolve Funds	EVL	5	5	0.5%	30	0.1%
Arrow Capital Management	ACM	1	–	–	1	–
AGF QuantShares	AGF	1	3	-76.6%	324	1.3%
Sphere Investments	SPH	–	(1)	–	33	0.1%
Galileo Funds	GAL	–	–	–	5	–
Excel Funds	EXC	–	–	–	4	–
Auspice Capital	AUS	–	–	–	–	–
Manulife Investments	MNL	–	13	–	262	1.0%
Questra Wealth Management	QWM	(6)	(47)	–	(9)	–
WisdomTree	WDT	(7)	16	–	157	0.6%
Purpose Investments	PFC	(13)	(4)	–	326	1.3%
First Trust Portfolios Canada	FTP	(35)	(59)	–	30	0.1%
BlackRock Canada	BLK	(194)	1,371	–	2,936	11.4%
Total		\$ 1,821	\$ 3,021		\$ 25,819	

*Source: Strategic Insight

AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2016
BlackRock Canada	BLK	114	\$ 59,759	\$ 59,002	-0.2%	\$ 53,362
BMO Asset Management	BMO	81	46,518	45,904	1.3%	34,055
Vanguard Canada	VNG	33	13,703	13,551	1.1%	9,664
Horizons ETFs	HRZ	81	9,103	8,627	5.5%	6,397
RBC Global Asset Management	RBC	39	4,720	4,688	0.7%	2,243
First Asset	FAF	45	3,834	3,742	2.5%	2,512
Invesco PowerShares	AIM	27	3,507	3,511	-0.1%	3,118
Purpose Investments	PFC	20	1,608	1,629	-1.3%	1,264
Mackenzie	MFC	15	1,296	1,242	4.4%	1,113
Harvest Portfolios	HPG	6	443	438	1.1%	188
First Trust Portfolios Canada	FTP	18	438	475	-7.6%	391
WisdomTree	WDT	12	384	384	0.1%	92
AGF QuantShares	AGF	7	340	345	-1.3%	–
PIMCO Canada	PMC	2	299	233	28.3%	–
Manulife Investments	MNL	6	254	258	-1.8%	–
Franklin LibertyShares	FLS	4	242	209	16.0%	–
TD Asset Management	TDM	6	133	128	4.4%	62
Desjardins Investments	DJD	9	130	103	26.3%	–
Redwood Asset Management	RDW	5	102	69	46.8%	–
Hamilton Capital	HMC	3	96	90	7.4%	19
Lysander Funds	LYS	1	91	87	4.0%	45
Sphere Investments	SPH	5	66	66	-0.3%	30
Evolve Funds	EVL	8	31	26	16.5%	–
Auspice Capital	AUS	2	23	25	-8.4%	29
Galileo Funds	GAL	1	5	5	1.5%	–
Excel Funds	EXC	2	4	4	-1.4%	–
Arrow Capital Management	ACM	1	2	–	–	–
Questra Wealth Management	QWM	–	–	6	–	–
Total		553	\$ 147,130	\$ 145,747	0.9%	\$ 113,633

*Source: Strategic Insight

Market Share by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	Dec 2016
BlackRock Canada	BLK	40.6%	41.1%	-0.5%	47.0%
BMO Asset Management	BMO	31.6%	31.5%	0.1%	30.0%
Vanguard Canada	VNG	9.3%	9.3%	–	8.5%
Horizons ETFs	HRZ	6.2%	5.9%	0.3%	–
RBC Global Asset Management	RBC	3.2%	3.2%	–	2.0%
First Asset	FAF	2.6%	2.6%	–	2.2%
Invesco PowerShares	AIM	2.4%	2.4%	–	2.7%
Purpose Investments	PFC	1.1%	1.1%	–	1.1%
Mackenzie	MFC	0.9%	0.9%	–	0.1%
Harvest Portfolios	HPG	0.3%	0.3%	–	0.2%
First Trust Portfolios Canada	FTP	0.3%	0.3%	–	0.3%
WisdomTree	WDT	0.3%	0.3%	–	0.1%
AGF QuantShares	AGF	0.2%	0.2%	–	–
PIMCO Canada	PMC	0.2%	0.2%	–	–
Manulife Investments	MNL	0.2%	0.2%	–	–
Franklin LibertyShares	FLS	0.2%	0.1%	–	–
TD Asset Management	TDM	0.1%	0.1%	–	0.1%
Desjardins Investments	DJD	0.1%	0.1%	–	–
Redwood Asset Management	RDW	0.1%	–	–	–
Hamilton Capital	HMC	0.1%	0.1%	–	–
Lysander Funds	LYS	0.1%	0.1%	–	–
Sphere Investments	SPH	–	–	–	–
Evolve Funds	EVL	–	–	–	–
Auspice Capital	AUS	–	–	–	–
Galileo Funds	GAL	–	–	–	–
Excel Funds	EXC	–	–	–	–
Arrow Capital Management	ACM	–	–	–	–
Questra Wealth Management	QWM	–	–	–	–

*Source: Strategic Insight

CETFA Monthly Report (\$ millions)
as of December 31, 2017

New ETFs Launched in 2017 - Top Funds by AUM

ETF Name	Management		AUM	% of Total
	Ticker	Code		
1 BMO High Yield US Corporate Bond Index ETF	ZJK	BMO	\$ 1,141	0.8%
2 Horizons Marijuana Life Sciences Index ETF	HMLJ	HRZ	526	0.4%
3 RBC International Equity Index ETF	RINT	RBC	421	0.3%
4 RBC U.S. Equity Index ETF	RUSA	RBC	377	0.3%
5 Dynamic iShares Active Preferred Shares ETF	DXP	BLK	345	0.2%
7 PIMCO Monthly Income (Canada) ETF	PMIF	PMC	276	0.2%
8 First Asset Enhanced Short Duration Bond ETF	FSB	FAF	217	0.1%
9 Franklin LibertyQT U.S. Equity Index ETF	FLUS	FLS	216	0.1%
10 Mackenzie Global High Yield Fixed Income ETF	MHYB	MFC	184	0.1%
11 AGFQ Enhanced Core US Equity ETF	QUS	AGF	140	0.1%
12 Manulife Multifactor U.S. Large Cap Index ETF	MULC	MNL	128	0.1%
13 Redwood Floating Rate Preferred Fund	RPS	RWI	82	0.1%
14 AGFQ Enhanced Core International Equity ETF	OIE	AGF	82	0.1%
15 Manulife Multifactor Developed International Index ETF	MINT	MNL	82	0.1%
16 Mackenzie Maximum Diversification Emerging Markets Index ETF	MEE	MFC	81	0.1%
17 AGFQ Enhanced Core Canadian Equity ETF	OCD	AGF	71	-
18 WisdomTree Yield Enhanced Canada Short-term Aggregate Bond Index ETF	CAGS	WDT	69	-
19 WisdomTree Yield Enhanced Canada Aggregate Bond Index ETF	CAGG	WDT	55	-
20 BMO Global Insurance Hedged to CAD Index ETF	INSR	BMO	54	-
21 Horizons Int'l Developed Markets Equity Index ETF	HXDM	HRZ	52	-
22 ONE Global Equity ETF	ONEQ	QVM	51	-
23 RBC Canadian Short Term Bond Index ETF	RCSB	RBC	46	-
24 Harvest Tech Achievers Growth & Income ETF	HTA	HPC	45	-
25 BMO US Preferred Share Index ETF	ZUP	BMO	40	-
Top 25 funds			\$ 5,067	3.4%

*Source: Strategic Insight

New ETFs Launched in 2017 - Top Funds by Current Month Net Creations

ETF Name	Management		Net Creations	% of Total
	Ticker	Code		
1 Horizons Marijuana Life Sciences Index ETF	HMLJ	HRZ	\$ 95	5.2%
2 PIMCO Monthly Income (Canada) ETF	PMIF	PMC	65	3.6%
3 First Asset Enhanced Short Duration Bond ETF	FSB	FAF	45	2.5%
4 Desjardins Emerging Markets Multifactor-Controlled Volatility ETF	DFE	DJD	40	2.2%
5 Franklin LibertyQT U.S. Equity Index ETF	FLUS	FLS	37	2.0%
6 Redwood Floating Rate Preferred Fund	RPS	RWI	31	1.7%
7 RBC Canadian Short Term Bond Index ETF	RCSB	RBC	19	1.0%
8 Dynamic iShares Active Preferred Shares ETF	DXP	BLK	18	1.0%
9 BMO Canadian High Dividend Covered Call ETF	ZWC	BMO	14	0.8%
10 BMO High Yield US Corporate Bond Index ETF	ZJK	BMO	10	0.5%
11 RBC Canadian Bank Yield Index ETF	RBK	RBC	9	0.5%
12 Horizons Int'l Developed Markets Equity Index ETF	HXDM	HRZ	8	0.4%
13 PowerShares S&P/TSX REIT Income Index ETF	REIT	AIM	7	0.4%
14 Mackenzie Global Leadership Impact ETF	MWMN	MFC	6	0.3%
15 WisdomTree Yield Enhanced Canada Short-term Aggregate Bond Index ETF	CAGS	WDT	5	0.3%
16 Horizons Investor Canadian Equity Index ETF	INCC	HRZ	4	0.2%
17 Dynamic iShares Active Global Dividend ETF	DXG	BLK	4	0.2%
18 First Asset U.S. TrendLeaders Index ETF	SID	FAF	3	0.2%
19 Hamilton Capital U.S. Mid-Cap Financials ETF	HRMJ	HMC	3	0.2%
20 Vanguard Canadian Long-Term Bond Index ETF	VLB	VNG	3	0.1%
21 Hamilton Capital Financials Yield ETF	HFY	HMC	2	0.1%
22 Vanguard Canadian Short-Term Government Bond Index ETF	VSG	VNG	2	0.1%
23 BMO Shiller Select US Index ETF	ZEUS	BMO	2	0.1%
24 Evolve Automobile Innovation Index ETF	CARS	EVL	2	0.1%
25 Desjardins Canada Multifactor-Controlled Volatility ETF	DFC	DJD	2	0.1%
			\$ 437	24.0%

*Source: Strategic Insight

Net Creations by Asset Category

Asset Category	Current Month		Change	YTD 2017	% of Total 2017
	Current Month	Previous Month			
Total	\$ 1,821	\$ 3,021	-39.7%	\$ 25,819	100.0%
Fixed Income	381	714	-46.6%	8,574	33.2%
Investment grade	214	581	-63.1%	6,362	24.6%
Corporate	(28)	92	-	2,565	9.9%
Government	8	196	-96.0%	779	3.0%
Mix	234	293	-20.1%	3,019	11.7%
High yield	167	133	25.8%	2,211	8.6%
Corporate	35	(75)	-	752	2.9%
Emerging markets	8	10	-17.3%	131	0.5%
Mix	125	199	-37.2%	1,329	5.1%
Equity	1,359	2,364	-42.5%	16,873	65.3%
Canada	207	1,485	-86.1%	5,052	19.6%
US	333	33	897.0%	3,436	13.3%
Emerging Markets	107	91	17.6%	850	3.3%
International	310	420	-26.2%	4,408	17.1%
North America	2	11	-81.5%	57	0.2%
Europe	5	6	-24.5%	160	0.6%
Global	75	149	-49.5%	1,039	4.0%
Sector	321	170	89.4%	1,866	7.2%
Agriculture	(3)	(12)	-	(10)	-
Consumer staples	6	2	167.2%	(6)	-
Energy	11	(45)	-	161	0.6%
Financials	75	61	23.4%	286	1.1%
Health care	96	71	33.6%	379	1.5%
Industrials	(3)	13	-	48	0.2%
Utilities & Infrastructure	20	4	400.0%	227	0.9%
Materials	25	(21)	-	49	0.2%
Metals	21	11	90.9%	(10)	-
Multiple	(2)	(5)	-	(14)	-0.1%
Real estate	38	(5)	-	140	0.5%
Technology	31	84	-62.4%	460	1.8%
Commodities	66	(62)	-	169	0.7%
Energy	41	(51)	-	130	0.5%
Metals	16	(11)	-	39	0.2%
Multi-asset class	25	5	434.3%	105	0.4%
Currency	2	(2)	-	26	0.1%
Volatility	(2)	2	-	73	0.3%
of which inverse/leveraged	\$ (6)	\$ (17)	-	\$ 191	0.7%

*Source: Strategic Insight

Market Share by Asset Category

Asset Category	Current Month		Change	Dec 2016
	Current Month	Previous Month		
Total	100.0%	100.0%	-	100.0%
Fixed Income	28.5%	28.7%	-0.2%	29.7%
Investment grade	24.7%	25.0%	-0.3%	26.8%
Corporate	10.7%	10.9%	-0.2%	11.8%
Government	4.3%	4.4%	-0.1%	5.0%
Mix	9.7%	9.7%	-	9.9%
High yield	3.8%	3.7%	-	3.0%
Corporate	2.5%	2.5%	-	2.6%
Emerging markets	0.2%	0.2%	-	0.2%
Mix	1.0%	1.0%	0.1%	0.2%
Equity	69.3%	69.1%	0.2%	67.7%
Canada	27.9%	27.9%	-	29.6%
US	17.7%	17.8%	-0.1%	17.5%
Emerging Markets	1.9%	1.8%	-	1.3%
International	9.5%	9.5%	-	7.3%
North America	0.6%	0.6%	-	0.7%
Europe	0.1%	0.1%	-	-
Global	2.3%	2.3%	-	1.7%
Sector	9.3%	9.0%	0.2%	9.6%
Agriculture	0.2%	0.2%	-	0.2%
Consumer staples	0.1%	0.1%	-	0.1%
Energy	1.0%	1.0%	-	1.4%
Financials	2.2%	2.2%	-	2.4%
Health care	0.7%	0.6%	0.1%	0.4%
Industrials	0.1%	0.1%	-	-
Utilities & Infrastructure	0.9%	1.0%	-	1.0%
Materials	0.9%	0.9%	-	1.1%
Metals	0.2%	0.2%	-	0.2%
Multiple	0.1%	0.1%	-	0.2%
Real estate	1.7%	1.7%	-	2.0%
Technology	0.9%	0.9%	-	0.5%
Commodities	0.9%	0.8%	-	1.0%
Energy	0.4%	0.4%	-	0.5%
Metals	0.4%	0.4%	-	0.5%
Multi-asset class	1.3%	1.3%	-	1.5%
Currency	0.1%	0.1%	-	0.1%
Volatility	-	-	-	0.1%
of which inverse / leveraged	-	-	-	-

*Source: Strategic Insight

CETFA Monthly Report (\$ millions)

as of December 31, 2017

AUM of ETFs by Provider by Asset Category

Asset Category	BlackRock Canada	BMO Asset Management	Vanguard Canada	Horizons ETFs HRZ	RBC Global Asset Management	First Asset FAF	Invesco PowerShares AIM	Purpose Investments PFC	Mackenzie MFC	Harvest Portfolios HPG	First Trust Portfolios FTP	WisdomTree WDT	AGF QuantShares AGF	PIMCO Canada PIMC	Manulife Investments MNL	Franklin LibertyShares FLS	TD Asset Management TDM	Desjardins Investments DJD	Redwood Asset Management RDW	Hamilton Capital HMC	Lysander Funds LYS	Sphere Investments SPH	Evolve Funds EVL	Auspice Capital AUS	Gallio Funds GAL	Excel Funds EXC	Arrow Capital Management ACM
Total	\$ 59,759	\$ 46,518	\$ 13,703	\$ 9,103	\$ 4,720	\$ 3,834	\$ 3,507	\$ 1,296	\$ 438	\$ 384	\$ 438	\$ 384	\$ 299	\$ 254	\$ 242	\$ 133	\$ 130	\$ 102	\$ 96	\$ 91	\$ 66	\$ 31	\$ 23	\$ 5	\$ 4	\$ 2	
Fixed income	14,729	15,574	3,759	1,731	1,302	884	1,653	734	791	443	194	124	23	239	14	78	54	10	5	91	66	31	23	5	4	2	
Investment grade	13,217	13,205	3,759	1,509	1,302	847	1,450	734	48	43	34	124	23	23	14	78	54	10	5	91	66	31	23	5	4	2	
Corporate	5,295	5,631	1,316	1,049	1,165	414	1,049	78	48	43	34	124	23	23	14	78	54	10	5	91	66	31	23	5	4	2	
Government	1,933	3,697	17	142	26	161	403	656	48	43	34	124	23	23	14	78	54	10	5	91	66	31	23	5	4	2	
Mix	5,989	3,878	2,426	318	111	273	254	48	43	34	124	23	23	276	14	78	30	10	5	91	66	31	23	5	4	2	
High yield	1,511	2,369	222	222	36	203	203	742	48	43	160	160	276	276	14	78	30	10	5	91	66	31	23	5	4	2	
Corporate	988	2,097	222	222	36	203	203	742	48	43	160	160	276	276	14	78	30	10	5	91	66	31	23	5	4	2	
Emerging markets	58	272	222	222	36	203	203	742	48	43	160	160	276	276	14	78	30	10	5	91	66	31	23	5	4	2	
Mix	465	272	222	222	36	203	203	742	48	43	160	160	276	276	14	78	30	10	5	91	66	31	23	5	4	2	
Equity	43,191	30,838	9,944	6,309	3,418	2,942	1,817	743	503	443	179	261	335	254	229	55	76	97	96	91	66	31	23	5	4	2	
Canada	21,265	10,705	2,151	3,772	859	676	1,100	3	148	75	1	71	26	26	6	11	26	63	81	14	7	5	5	2	1	1	
US	8,458	9,689	4,183	896	996	440	460	63	47	92	67	99	140	146	216	25	5	13	1	1	1	2	2	2	2	2	
Emerging Markets	953	721	746	34	74	4	11	81	81	10	3	39	39	39	40	40	40	1	1	1	24	24	24	24	24	24	
International	5,169	4,063	1,851	105	1,430	702	34	127	67	27	157	82	82	82	6	20	5	13	1	1	25	25	25	25	25	25	
North America	242	827	254	254	10	241	113	103	32	351	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	
Global	957	827	254	254	10	241	113	103	32	351	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	
Sector	6,147	4,799	1,522	50	816	98	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	
Agriculture	266	25	70	70	34	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	
Consumer staples	106	25	70	70	34	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	
Energy	1,030	346	70	70	34	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	
Financials	1,359	1,621	63	63	20	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	
Health care	237	297	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	
Industrials	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	
Utilities & Infrastructure	166	1,184	124	124	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
Materials	1,054	89	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	
Metals	93	139	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	
Multiple	1,510	488	159	159	9	305	9	32	5	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	
Real estate	326	513	76	76	250	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	
Technology	507	507	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	
Commodities	507	507	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	
Energy	507	507	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	
Metals	507	507	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	
Multi-asset class	1,332	106	245	245	8	37	39	2	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	
Currency	1,332	106	245	245	8	37	39	2	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	
Volatility	1,332	106	245	245	8	37	39	2	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	

*Source: Strategic Insight

Number of ETFs by Provider by Asset Category

Asset Category	BlackRock Canada	BMO Asset Management	Vanguard Canada	Horizons ETFs HRZ	RBC Global Asset Management	First Asset FAF	Invesco PowerShares AIM	Purpose Investments PFC	Mackenzie MFC	Harvest Portfolios HPG	First Trust Portfolios FTP	WisdomTree WDT	AGF QuantShares AGF	PIMCO Canada PIMC	Manulife Investments MNL	Franklin LibertyShares FLS	TD Asset Management TDM	Desjardins Investments DJD	Redwood Asset Management RDW	Hamilton Capital HMC	Lysander Funds LYS	Sphere Investments SPH	Evolve Funds EVL	Auspice Capital AUS	Gallio Funds GAL	Excel Funds EXC	Arrow Capital Management ACM
Total	114	81	33	81	39	45	27	20	15	6	18	12	7	2	6	4	6	9	5	3	1	5	8	2	1	2	1
Fixed income	27	23	9	11	15	7	8	4	6	3	2	2	2	2	1	1	1	4	1	1	1	1	1	1	1	1	1
Investment grade	21	19	9	9	15	6	8	4	2	2	2	2	2	2	1	1	1	4	1	1	1	1	1	1	1	1	1
Corporate	8	7	2	3	10	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Government	4	10	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mix	9	2	5	4	4	2	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
High yield	6	4	2	2	1	2	2	4	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Corporate	3	3	2	2	1	2	2	4	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
Emerging markets	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mix	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Equity	81	57	24	43	24	37	18	10	8	6	14	10	5	5	5	3	5	9	4	3	1	5	7	2	1	2	
Canada	17	7	3	10	4	12	5	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	
US	19	16	6	8	5	9	4	2	1	2	11	4	1	3	2	1	2	1	1	1	1	1	1	1	1	1	
Emerging Markets	6	3	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
International	12	9	7	5	8	4	2	2	1	1	4	1	1	1													

CETFA Monthly Report (\$ millions)

as of December 31, 2017

AUM by Asset Category				
Asset Category	Current Month	Previous Month	Change	Dec 2016
Total	\$ 147,130	\$ 145,747	0.9%	\$ 113,633
Fixed income	41,924	41,870	0.1%	33,763
Investment grade	36,405	36,459	-0.1%	30,405
Corporate	15,792	15,955	-1.0%	13,391
Government	6,393	6,439	-0.7%	5,716
Mix	14,220	14,066	1.1%	11,298
High yield	5,519	5,411	2.0%	3,358
Corporate	3,670	3,684	-0.4%	2,943
Emerging markets	329	325	1.5%	215
Mix	1,520	1,403	8.3%	201
Equity	101,911	100,655	1.2%	76,887
Canada	41,091	40,635	1.1%	33,655
US	26,042	25,996	0.2%	19,860
Emerging Markets	2,736	2,641	3.6%	1,478
International	13,951	13,818	1.0%	8,246
North America	861	865	-0.5%	766
Europe	178	177	0.5%	11
Global	3,421	3,379	1.2%	1,981
Sector	13,625	13,137	3.7%	10,890
Agriculture	266	274	-2.9%	242
Consumer staples	131	125	4.7%	132
Energy	1,513	1,467	3.2%	1,560
Financials	3,295	3,205	2.8%	2,738
Health care	1,064	857	24.1%	425
Industrials	97	95	1.5%	35
Utilities & Infrastructure	1,393	1,409	-1.2%	1,127
Materials	1,279	1,240	3.1%	1,198
Metals	288	248	16.0%	255
Multiple	207	207	-0.3%	201
Real estate	2,517	2,460	2.3%	2,267
Technology	1,308	1,281	2.1%	600
Commodities	1,258	1,199	4.9%	1,138
Energy	607	571	6.5%	564
Metals	651	628	3.6%	574
Multi-asset class	1,849	1,826	1.3%	1,678
Currency	133	134	-1.0%	110
Volatility	55	62	-11.0%	57

*Source: Strategic Insight