

CETFA Monthly Report (\$ millions)

as of August 31, 2018

Top 25 ETFs by Net Creations - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2018
1 iShares S&P/TSX 60 Index ETF	XIU	BLK	\$ 653	\$ (774)
2 Invesco 1-5 Year Laddered Investment Grade Corporate Bond Index ETF	PSB	AIM	343	148
3 Invesco Canadian Dividend Index ETF	PDC	AIM	295	382
4 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	207	389
5 BMO S&P 500 Index ETF	ZSP	BMO	135	773
6 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	125	779
7 iShares S&P/TSX Capped Financials Index ETF	XFN	BLK	124	(33)
8 BMO MSCI EAFE Index ETF	ZEA	BMO	116	351
9 iShares S&P/TSX Global Gold Index ETF	XGD	BLK	107	59
10 iShares Core Canadian Long Term Bond Index ETF	XLB	BLK	89	113
11 Purpose High Interest Savings ETF	PSA	PFM	83	193
12 First Asset Global Financial Sector ETF	FSF	FAF	68	64
13 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	60	454
14 Mackenzie Floating Rate Income ETF	MFT	MFC	56	354
15 Invesco FTSE RAFI Canadian Index ETF	PKX	AIM	54	30
16 Franklin Liberty Global Aggregate Bond ETF (CAD-Hedged)	FLGA	FLS	53	229
17 Vanguard Growth ETF Portfolio	VGRO	VNG	53	369
18 BetaPro Canadian Gold Miners 2x Daily Bull ETF	HGU	HRZ	48	40
19 Vanguard Canadian Short-Term Bond Index ETF	VSB	VNG	45	116
20 BMO U.S. Dividend ETF	ZDY	BMO	44	69
21 Purpose U.S. Preferred Share Fund	RPV	PFM	43	80
22 Vanguard Balanced ETF Portfolio	VBAL	VNG	43	242
23 BMO Aggregate Bond Index ETF	ZAG	BMO	43	279
24 PIMCO Monthly Income (Canada) ETF	PMIF	PMC	41	440
25 Vanguard U.S. Total Market Index ETF	VUN	VNG	38	299
Top 25			\$ 2,964	\$ 5,444

*Source: Strategic Insight

Top 25 ETFs by Net Redemptions - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2018
1 iShares High Quality Canadian Bond Index ETF	XQB	BLK	\$ (99)	\$ 10
2 Invesco Long Term Government Bond Index ETF	PGL	AIM	(67)	52
3 BMO China Equity Index ETF	ZCH	BMO	(66)	(40)
4 iShares Canadian Universe Bond Index ETF	XBB	BLK	(61)	56
5 BetaPro Natural Gas 2x Daily Bull ETF	HNU	HRZ	(57)	(182)
6 iShares S&P/TSX Canadian Dividend Aristocrats Index ETF	CDZ	BLK	(48)	(225)
7 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	(47)	(196)
8 BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	(42)	(56)
9 RBC 1-5 Year Laddered Corporate Bond Index ETF	RBO	RBC	(40)	(43)
10 BMO Mid Provincial Bond Index ETF	ZMP	BMO	(29)	(78)
11 iShares Floating Rate Index ETF	XFR	BLK	(26)	248
12 iShares MSCI World Index ETF	XWD	BLK	(26)	50
13 BMO S&P 500 Hedged to CAD Index ETF	ZUE	BMO	(22)	235
14 iShares S&P/TSX Capped Energy Index ETF	XEG	BLK	(21)	(164)
15 BMO Short Corporate Bond Index ETF	ZCS	BMO	(20)	(232)
16 BMO Covered Call Canadian Banks ETF	ZWB	BMO	(20)	163
17 Vanguard FTSE Developed Europe All Cap Index ETF	VE	VNG	(17)	106
18 First Asset Enhanced Short Duration Bond ETF	FSB	FAF	(17)	79
19 RBC Target 2019 Corporate Bond Index ETF	ROG	RBC	(17)	(43)
20 iShares 1-5 Year Laddered Corporate Bond Index ETF	CBO	BLK	(16)	(401)
21 iShares Canadian Select Dividend Index ETF	XDV	BLK	(15)	(62)
22 BMO Mid Corporate Bond Index ETF	ZCM	BMO	(14)	(177)
23 iShares Japan Fundamental Index ETF	CJP	BLK	(14)	6
24 BetaPro Crude Oil 2x Daily Bull ETF	HOU	HRZ	(13)	(75)
25 Horizons Active Corporate Bond ETF	HAB	HRZ	(13)	(9)
Top 25			\$ (826)	\$ (1,071)

*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	\$ 10,334	6.3%
2 BMO S&P 500 Index ETF	ZSP	BMO	5,627	3.4%
3 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	4,614	2.8%
4 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	4,046	2.5%
5 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	3,976	2.4%
6 BMO Aggregate Bond Index ETF	ZAG	BMO	3,569	2.2%
7 iShares Canadian Universe Bond Index ETF	XBB	BLK	2,388	1.5%
8 BMO MSCI EAFE Index ETF	ZEA	BMO	2,366	1.4%
9 BMO Laddered Preferred Share Index ETF	ZPR	BMO	2,137	1.3%
10 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	2,024	1.2%
11 iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	1,994	1.2%
12 Vanguard S&P 500 Index ETF	VV	VNG	1,955	1.2%
13 iShares Canadian Short Term Bond Index ETF	XSB	BLK	1,926	1.2%
14 BMO Covered Call Canadian Banks ETF	ZWB	BMO	1,885	1.2%
15 Horizons Active Preferred Share ETF	HPR	HRZ	1,797	1.1%
16 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	1,673	1.0%
17 BMO U.S. Dividend ETF	ZDY	BMO	1,614	1.0%
18 iShares Canadian Corporate Bond Index ETF	XCB	BLK	1,605	1.0%
19 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	1,602	1.0%
20 iShares S&P/TSX Canadian Preferred Share Index ETF	CPD	BLK	1,561	1.0%
21 Vanguard U.S. Total Market Index ETF	VUN	VNG	1,508	0.9%
22 BMO Short Corporate Bond Index ETF	ZCS	BMO	1,445	0.9%
23 BMO Equal Weight Banks Index ETF	ZEB	BMO	1,422	0.9%
24 iShares MSCI EAFE Index ETF (CAD-Hedged)	XIN	BLK	1,416	0.9%
25 BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	1,384	0.8%
Top 25			\$ 65,867	40.2%

*Source: Strategic Insight

Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2018	% of Total 2018
BlackRock Canada	BLK	\$ 1,051	\$ (159)	-\$	(64)	-0.4%
Invesco ETFs	AIM	632	(3)	—	644	4.4%
Vanguard Canada	VNG	397	289	37.5%	3,350	23.1%
BMO Asset Management	BMO	388	471	-17.6%	3,882	26.7%
Horizons ETFs	HRZ	185	184	0.8%	1,383	9.5%
Purpose Investments	PFM	161	33	395.6%	598	4.0%
Mackenzie	MFC	119	172	-30.8%	1,574	10.8%
First Asset	FAF	100	41	144.1%	656	4.5%
Franklin LibertyShares	FLS	53	5	—	290	2.0%
PIMCO Canada	PMC	43	48	-10.6%	465	3.2%
Evolve Funds	EVL	28	11	152.3%	168	1.2%
WisdomTree	WDT	27	63	-57.0%	282	1.9%
Harvest Portfolios	HPG	6	13	-54.1%	128	0.9%
First Trust Portfolios Canada	FTP	6	3	76.7%	(28)	-0.2%
AGFIQ	AGF	4	160	-97.8%	360	2.5%
Hamilton Capital	HMC	3	6	-54.6%	141	1.0%
Lysander Funds	LYS	2	1	50.3%	26	0.2%
Arrow Capital Management	ACM	2	2	-24.7%	6	—
Bristol Gate Capital Partners	BRI	1	4	-74.0%	17	0.1%
Equium Capital	EQU	1	—	—	5	—
Brompton Funds	BRM	—	(1)	—	81	0.6%
Scotia Global Asset Management	BNS	—	—	—	8	0.1%
Auspice Capital	AUS	—	—	—	(4)	—
Galileo Funds	GAL	—	—	—	—	—
TD Asset Management	TDM	(1)	(1)	—	(57)	-0.4%
Desjardins Investments	DJD	(2)	2	—	224	1.5%
Manulife Investments	MNL	(6)	1	—	25	0.2%
RBC Global Asset Management	RBC	(96)	22	—	289	2.0%
Total		\$ 3,104	\$ 1,368		\$ 14,510	

*Source: Strategic Insight

AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2017
BlackRock Canada	BLK	115	\$ 60,453	\$ 59,646	1.4%	\$ 59,759
BMO Asset Management	BMO	91	50,725	49,871	1.7%	46,518
Vanguard Canada	VNG	37	17,572	17,006	3.3%	13,703
Horizons ETFs	HRZ	83	10,624	10,292	3.2%	9,103
RBC Global Asset Management	RBC	42	5,084	5,185	-2.0%	4,720
First Asset	FAF	44	4,568	4,424	3.3%	3,834
Invesco ETFs	AIM	29	4,143	3,500	18.4%	3,507
Mackenzie	MFC	28	2,902	2,781	4.4%	1,296
Purpose Investments	PFM	33	2,391	2,230	7.2%	1,608
PIMCO Canada	PMC	2	750	710	5.5%	299
AGFIQ	AGF	9	728	722	0.9%	340
WisdomTree	WDT	14	673	649	3.8%	384
Harvest Portfolios	HPG	11	589	571	3.0%	443
Franklin LibertyShares	FLS	10	558	497	12.3%	242
First Trust Portfolios Canada	FTP	20	424	412	2.7%	438
Desjardins Investments	DJD	9	340	347	-1.9%	130
Manulife Investments	MNL	6	298	301	-1.1%	254
Evolve Funds	EVL	15	267	233	14.4%	31
Hamilton Capital	HMC	3	254	252	0.7%	96
Lysander Funds	LYS	1	116	114	1.6%	91
Brompton Funds	BRM	2	89	85	4.3%	—
TD Asset Management	TDM	6	79	80	-1.1%	133
Auspice Capital	AUS	1	23	22	5.8%	23
Bristol Gate Capital Partners	BRI	2	18	17	7.6%	—
Equium Capital	EQU	1	13	11	10.2%	7
Scotia Global Asset Management	BNS	4	8	8	—	—
Arrow Capital Management	ACM	2	8	7	23.2%	2
Galileo Funds	GAL	1	4	5	-13.2%	5
Total		621	\$ 163,701	\$ 159,979	2.3%	\$ 147,137

*Source: Strategic Insight

Market Share by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	Dec 2017
BlackRock Canada	BLK	36.9%	37.3%	-0.4%	40.6%
BMO Asset Management	BMO	31.0%	31.2%	-0.2%	31.6%
Vanguard Canada	VNG	10.7%	10.6%	0.1%	9.3%
Horizons ETFs	HRZ	6.5%	6.4%	0.1%	6.2%
RBC Global Asset Management	RBC	3.1%	3.2%	-0.1%	3.2%
First Asset	FAF	2.8%	2.8%	—	2.6%
Invesco ETFs	AIM	2.5%	2.2%	0.3%	2.4%
Mackenzie	MFC	1.8%	1.7%	—	0.9%
Purpose Investments	PFM	1.5%	1.4%	0.1%	1.1%
PIMCO Canada	PMC	0.5%	0.4%	0.2%	0.2%
AGFIQ	AGF	0.4%	0.5%	—	0.2%
WisdomTree	WDT	0.4%	0.4%	—	0.3%
Harvest Portfolios	HPG	0.4%	0.4%	—	0.3%
Franklin LibertyShares	FLS	0.3%	0.3%	—	0.2%
First Trust Portfolios Canada	FTP	0.3%	0.3%	—	0.3%
Desjardins Investments	DJD	0.2%	0.2%	—	0.1%
Manulife Investments	MNL	0.2%	0.2%	—	0.2%
Evolve Funds	EVL	0.2%	0.1%	—	—
Hamilton Capital	HMC	0.2%	0.2%	—	0.1%
Lysander Funds	LYS	0.1%	0.1%	—	0.1%
Brompton Funds	BRM	0.1%	0.1%	—	—
TD Asset Management	TDM	—	—	—	0.1%
Auspice Capital	AUS	—	—	—	—
Bristol Gate Capital Partners	BRI	—	—	—	—
Equium Capital	EQU	—	—	—	—
Scotia Global Asset Management	BNS	—	—	—	—
Arrow Capital Management	ACM	—	—	—	—
Galileo Funds	GAL	—	—	—	—

*Source: Strategic Insight

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New ETFs Launched in 2018 - Top Funds by AUM

ETF Name	Ticker	Management Code	AUM	% of Total
1 BMO Europe High Dividend Covered Call ETF	ZWP	BMO	\$ 1,042	0.6%
2 Vanguard Growth ETF Portfolio	VGRO	VNG	380	0.2%
3 AGFQ Enhanced Global Infrastructure ETF	QIF	AGF	273	0.2%
4 Vanguard Balanced ETF Portfolio	VBAL	VNG	250	0.2%
5 Franklin Liberty Global Aggregate Bond ETF (CAD-Hedged)	FLGA	FLS	229	0.1%
6 RBC Vision Women's Leadership MSCI Canada Index ETF	RLDR	RBC	211	0.1%
7 Mackenzie US Investment Grade Corporate Bond Index ETF (CAD-Hedged)	OUIG	MFC	161	0.1%
8 Mackenzie US Large Cap Equity Index ETF	OUU	MFC	158	0.1%
9 Purpose Multi-Asset Income Fund	PINC	PCF	154	0.1%
10 Mackenzie Canadian Large Cap Equity Index ETF	OCF	MFC	107	0.1%
11 Vanguard Conservative ETF Portfolio	VCNS	VNG	94	0.1%
12 Mackenzie Canadian Aggregate Bond Index ETF	OBB	MFC	72	-
13 AGFQ Enhanced Global ESG Factors ETF	GEF	AGF	70	-
14 Invesco S&P 500 Equal Weight Index ETF	EQL	AIM	64	-
15 Global Healthcare Income & Growth ETF	HIG	BRM	49	-
16 Tech Leaders Income ETF	TFL	BRM	40	-
17 Purpose Strategic Yield Fund	SYLD	PCF	38	-
18 Mackenzie US TIPS Index ETF (CAD-Hedged)	OTIP	MFC	31	-
19 Dynamic iShares Active Investment Grade Floating Rate ETF	DXV	BLK	31	-
20 BMO US High Dividend Covered Call Hedged to CAD ETF	ZWS	BMO	31	-
21 BMO Corporate Bond Index ETF	ZCB	BMO	26	-
22 Purpose Global Financials Income Fund	PGF	PCF	25	-
23 Horizons Active Emerging Markets Bond ETF	HEMB	HRZ	24	-
24 Evolve Active Core Fixed Income ETF	FIXD	EVL	24	-
25 Mackenzie Canadian Equity Index ETF	OCN	MFC	22	-
			\$ 3,605	2.2%

*Source: Strategic Insight

New ETFs Launched in 2018 - Top Funds by Current Month Net Creations

ETF Name	Ticker	Management Code	Net Creations	% of Total
1 Franklin Liberty Global Aggregate Bond ETF (CAD-Hedged)	FLGA	FLS	\$ 53	1.7%
2 Vanguard Growth ETF Portfolio	VGRO	VNG	53	1.7%
3 Vanguard Balanced ETF Portfolio	VBAL	VNG	43	1.4%
4 Horizons Active Emerging Markets Bond ETF	HEMB	HRZ	22	0.7%
5 Vanguard Conservative ETF Portfolio	VCNS	VNG	14	0.4%
6 Invesco S&P 500 Equal Weight Index ETF	EQL	AIM	9	0.3%
7 BMO Government Bond Index ETF	ZGSB	BMO	9	0.3%
8 Mackenzie US Investment Grade Corporate Bond Index ETF (CAD-Hedged)	OUIG	MFC	8	0.3%
9 Vanguard FTSE Developed ex North America High Dividend Yield Index ETF	VIDY	VNG	8	0.2%
10 Dynamic iShares Active Investment Grade Floating Rate ETF	DXV	BLK	7	0.2%
11 WisdomTree Japan Equity Index ETF	JAPN	WDT	5	0.2%
12 Horizons Balanced TRI ETF Portfolio	HBAL	HRZ	5	0.2%
13 Horizons Conservative TRI ETF Portfolio	HCON	HRZ	5	0.2%
14 BMO Global Strategic Bond ETF	ZGSB	BMO	5	0.2%
15 BMO Global Multi-Sector Bond ETF	ZMSB	BMO	5	0.2%
16 RBC U.S. Banks Yield Index ETF	RUBY	RBC	4	0.1%
17 Evolve Active Core Fixed Income ETF	FIXD	EVL	3	0.1%
18 BMO Corporate Bond Index ETF	ZCB	BMO	2	0.1%
19 WisdomTree ICBCCS S&P China 500 Index ETF	CHNA	WDT	2	0.1%
20 First Asset Health Care Giants Covered Call ETF	FHI	FAF	2	0.1%
21 BMO US High Dividend Covered Call Hedged to CAD ETF	ZWS	BMO	2	0.1%
22 Mackenzie Canadian Large Cap Equity Index ETF	OCE	MFC	2	0.1%
23 Mackenzie Canadian Equity Index ETF	OCN	MFC	2	0.1%
24 Mackenzie Canadian Aggregate Bond Index ETF	OCB	MFC	2	0.1%
25 Mackenzie Canadian All Corporate Bond Index ETF	OCB	MFC	2	0.1%
			\$ 274	8.8%

*Source: Strategic Insight

Net Creations by Asset Category

Asset Category	Current Month	Previous Month	Change	YTD 2018	% of Total 2018
Total	\$ 3,104	\$ 1,368	126.9%	14,610	100.0%
Fixed Income	674	748	-9.9%	3,069	21.1%
Investment grade	523	603	-13.3%	2,331	16.1%
Corporate	276	75	268.8%	(105)	-0.7%
Government	21	112	-81.4%	(10)	-0.1%
Mix	226	417	-45.7%	2,446	16.9%
High yield	151	145	4.4%	738	5.1%
Corporate	11	14	-23.0%	(300)	-2.1%
Emerging markets	8	4	114.8%	65	0.4%
Mix	132	127	4.3%	973	6.7%
Equity	2,348	487	382.5%	10,758	74.1%
Canada	1,307	(16)	-	2,336	16.1%
US	564	363	55.3%	2,867	19.9%
Emerging Markets	(68)	80	-	811	5.6%
International	103	(40)	-	1,309	9.0%
North America	19	(6)	-	50	0.3%
Europe	4	2	82.3%	1,111	7.7%
Global	84	(64)	-	875	6.0%
Sector	336	167	100.6%	1,379	9.5%
Agriculture	-	(2)	-	(31)	-0.2%
Consumer staples	(9)	(2)	-	(1)	-
Energy	(23)	(2)	-	(200)	-1.4%
Financials	137	45	205.2%	319	2.2%
Health care	40	23	76.0%	508	3.5%
Industrials	(9)	6	-	5	-
Utilities & Infrastructure	8	83	-90.5%	289	2.0%
Materials	148	(26)	-	87	0.6%
Metals	8	(6)	-	(8)	-0.1%
Multiple	8	4	87.5%	5	-
Real estate	25	(28)	-	(175)	-1.2%
Technology	3	73	-95.8%	580	4.0%
Commodities	(67)	27	-	(207)	-1.4%
Energy	(55)	14	-	(242)	-1.7%
Metals	(12)	13	-	35	0.2%
Multi-asset class	145	99	46.1%	839	5.8%
Currency	1	4	-69.0%	52	0.4%
Volatility	2	2	-3.9%	-	-
of which inverse/leveraged	\$ (2)	\$ (6)	-	\$ (137)	-0.9%

*Source: Strategic Insight

Market Share by Asset Category

Asset Category	Current Month	Previous Month	Change	Dec 2017
Total	100.0%	100.0%	-	100.0%
Fixed Income	27.1%	27.2%	-0.1%	28.5%
Investment grade	23.4%	23.5%	-0.1%	24.7%
Corporate	9.4%	9.4%	-	10.7%
Government	3.8%	3.9%	-0.1%	4.3%
Mix	10.1%	10.1%	-	9.7%
High yield	3.8%	3.8%	-	3.8%
Corporate	2.1%	2.1%	-	2.5%
Emerging markets	0.2%	0.2%	-	0.2%
Mix	1.5%	1.5%	-	1.0%
Equity	70.4%	70.3%	0.1%	69.3%
Canada	26.5%	26.5%	-	27.9%
US	19.1%	19.6%	-0.4%	17.7%
Emerging Markets	2.1%	2.2%	-0.1%	1.9%
International	9.3%	9.6%	-0.3%	9.5%
North America	0.5%	0.5%	-	0.6%
Europe	0.8%	0.8%	-	0.1%
Global	2.7%	2.7%	-	2.3%
Sector	9.4%	9.3%	0.1%	9.3%
Agriculture	0.1%	0.1%	-	0.2%
Consumer staples	0.1%	0.1%	-	0.1%
Energy	0.8%	0.9%	-0.1%	1.0%
Financials	2.3%	2.2%	0.1%	2.2%
Health care	1.2%	1.1%	0.2%	0.9%
Industrials	0.1%	0.1%	-	0.1%
Utilities & Infrastructure	1.0%	1.0%	-	0.9%
Materials	0.7%	0.7%	-	0.9%
Metals	0.1%	0.2%	-	0.2%
Multiple	0.1%	0.1%	-	0.1%
Real estate	1.5%	1.5%	-	1.7%
Technology	1.3%	1.3%	-	0.9%
Commodities	0.6%	0.7%	-0.1%	0.9%
Energy	0.2%	0.3%	-	0.4%
Metals	0.4%	0.4%	-	0.4%
Multi-asset class	1.7%	1.6%	0.1%	1.3%
Currency	0.1%	0.1%	-	0.1%
Volatility	-	-	-	-
of which inverse/leveraged	0.5%	0.6%	-	0.7%

*Source: Strategic Insight

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AUM of ETFs by Provider by Asset Category																													
Asset Category	BlackRock	BMO	Vanguard	Horizons	RBC	First Asset	Invesco	Mackenzie	Purpose	PIMCO	AGF	WisdomTree	Harvest	Franklin Templeton	First Trust	Desjardins	Manulife	Evolve	Hamilton Capital	Lysander	Brompton	TD	Auspice	Bristol Gate	Equium	Scotia	Arrow	Galleo	
Management Code	BLK	BMO	VNG	HRZ	RBC	FAF	AIM	MFC	PFC	PMC	AGF	WDT	HPG	FLS	FTP	DJD	MNL	EVL	HMC	LYS	BRM	TDM	AUS	BRI	EQU	BNS	ACM	GAL	
Total	\$ 60,453	\$ 50,725	\$ 17,572	\$ 10,624	\$ 5,084	\$ 4,568	\$ 4,143	\$ 2,902	\$ 2,391	\$ 750	\$ 728	\$ 673	\$ 589	\$ 558	\$ 424	\$ 340	\$ 298	\$ 267	\$ 254	\$ 116	\$ 89	\$ 79	\$ 23	\$ 18	\$ 13	\$ 8	\$ 8	\$ 4	
Fixed income	14,370	15,173	4,327	2,271	1,242	1,211	1,790	1,632	936	750	193	193	276	157	276	51	29	29	29	11	11	11	11	11	2	7	7	7	
Investment grade	13,048	12,917	4,327	2,036	1,242	1,182	1,607	1,627	877	46	193	193	276	29	29	51	29	29	29	11	11	11	11	11	2	7	7	7	
Corporate	4,757	5,082	1,240	1,371	1,062	632	942	1,062	43	46	193	193	276	29	29	51	29	29	29	11	11	11	11	11	2	7	7	7	
Government	1,798	3,803	20	191	28	189	447	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
Mix	6,493	4,232	3,068	473	152	361	217	162	833	31	193	193	229	29	27	24	24	24	24	11	11	11	11	11	2	7	7	7	
High yield	1,322	2,255	235	235	235	235	183	1,270	59	704	10	129	10	129	10	129	10	129	10	129	10	129	10	129	10	129	10	129	10
Corporate	770	1,992	211	211	211	211	183	8	59	704	10	129	10	129	10	129	10	129	10	129	10	129	10	129	10	129	10	129	10
Emerging markets	114	252	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Mix	438	11	24	24	24	24	24	1,263	704	704	704	704	704	704	704	704	704	704	704	704	704	704	704	704	704	704	704	704	704
Equity	44,300	35,449	12,521	7,463	3,841	3,348	2,314	1,260	1,066	722	480	589	276	224	289	298	238	254	116	89	68	18	18	6	6	6	6	6	
Canada	20,229	11,437	2,621	4,269	1,360	778	1,515	397	132	63	66	66	13	79	61	37	115	116	116	116	116	116	116	116	7	2	2	2	2
US	9,791	11,395	5,604	1,038	1,037	387	513	284	129	188	165	141	235	115	24	161	5	5	5	5	5	5	5	5	2	2	2	2	2
Emerging Markets	1,107	927	842	15	81	12	140	5	44	5	44	5	13	4	178	32	32	32	32	32	32	32	32	32	32	32	32	32	32
International	5,842	4,250	2,217	122	1,256	736	37	118	146	81	244	5	6	22	27	101	14	14	14	14	14	14	14	14	2	2	2	2	2
North America	243	2	29	29	64	64	79	243	5	74	243	5	74	10	10	103	103	103	103	103	103	103	103	103	103	103	103	103	103
Europe	1,195	1,083	1,013	206	14	408	79	243	5	74	243	5	74	10	10	103	103	103	103	103	103	103	103	103	103	103	103	103	103
Global	5,891	5,313	184	1,691	94	975	158	100	273	273	446	4	4	69	150	89	89	89	89	89	89	89	89	89	89	89	89	89	89
Sector	238	91	32	65	49	199	25	14	318	9	49	49	9	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Agriculture	91	32	65	49	199	25	14	318	9	49	49	9	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Consumer staples	889	308	72	66	199	25	14	318	9	49	49	9	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Energy	1,337	1,902	987	17	14	318	9	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
Financials	253	364	112	20	23	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273
Health care	144	1,150	66	119	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Industrials	945	66	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
Utilities & Infrastructure	91	88	222	8	342	16	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Materials	1,324	536	184	173	331	142	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Metals	91	88	222	8	342	16	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Multiple	579	754	173	331	142	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Real estate	457	495	382	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
Technology	457	495	382	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
Commodities	457	495	382	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
Energy	457	495	382	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
Metals	457	495	382	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
Multi-asset class	1,327	103	725	294	8	39	10	223	6	42	6	42	6	42	6	42	6	42	6	42	6	42	6	42	6	42	6	42	
Currency	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93
Volatility	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	

*Source: Strategic Insight

Number of ETFs by Provider by Asset Category																												
Asset Category	BlackRock	BMO	Vanguard	Horizons	RBC	First Asset	Invesco	Mackenzie	Purpose	PIMCO	AGF	WisdomTree	Harvest	Franklin Templeton	First Trust	Desjardins	Manulife	Evolve	Hamilton Capital	Lysander	Brompton	TD	Auspice	Bristol Gate	Equium	Scotia	Arrow	Galleo
Management Code	BLK	BMO	VNG	HRZ	RBC	FAF	AIM	MFC	PFC	PMC	AGF	WDT	HPG	FLS	FTP	DJD	MNL	EVL	HMC	LYS	BRM	TDM	AUS	BRI	EQU	BNS	ACM	GAL
Total	115	91	37	83	42	44	29	28	33	2	9	14	11	10	20	9	6	15	3	1	2	6	1	2	1	4	2	1
Fixed income	28	29	9	12	15	8	9	12	6	2	2	2	2	4	3	4	2	2	2	1	1	1	1	1	1	1	1	1
Investment grade	22	24	9	9	15	7	7	7	4	1	1	1	1	2	1	4	1	1	1	1	1	1	1	1	1	1	1	1
Corporate	9	8	2	3	10	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Government	4	11	2	2	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mix	9	5	5	4	4	2	2	4	3	3	3	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
High yield	6	5	3	3	1	2	2	5	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Corporate	3	3	2	2	2	2																						

CETFA Monthly Report (\$ millions)

as of August 31, 2018

AUM by Asset Category				
Asset Category	Current Month	Previous Month	Change	Dec 2017
Total	\$ 163,701	\$ 159,979	2.3%	\$ 147,137
Fixed income	44,427	43,561	2.0%	41,924
Investment grade	38,230	37,515	1.9%	36,405
Corporate	15,395	15,053	2.3%	15,792
Government	6,322	6,262	1.0%	6,393
Mix	16,513	16,200	1.9%	14,220
High yield	6,196	6,046	2.5%	5,519
Corporate	3,362	3,338	0.7%	3,670
Emerging markets	366	369	-0.9%	329
Mix	2,469	2,338	5.6%	1,520
Equity	115,232	112,467	2.5%	101,911
Canada	43,307	42,344	2.3%	41,097
US	31,258	29,832	4.8%	26,042
Emerging Markets	3,405	3,566	-4.5%	2,736
International	15,245	15,364	-0.8%	13,951
North America	891	871	2.3%	861
Europe	1,255	1,270	-1.2%	178
Global	4,434	4,334	2.3%	3,421
Sector	15,437	14,886	3.7%	13,625
Agriculture	238	239	-0.7%	266
Consumer staples	123	136	-9.4%	131
Energy	1,338	1,428	-6.3%	1,513
Financials	3,763	3,580	5.1%	3,295
Health care	2,012	1,700	18.3%	1,333
Industrials	112	118	-5.1%	97
Utilities & Infrastructure	1,610	1,615	-0.3%	1,393
Materials	1,157	1,152	0.5%	1,279
Metals	234	253	-7.6%	288
Multiple	224	216	3.7%	207
Real estate	2,476	2,407	2.9%	2,517
Technology	2,150	2,041	5.3%	1,308
Commodities	1,023	1,092	-6.3%	1,258
Energy	406	442	-8.2%	607
Metals	617	650	-5.0%	651
Multi-asset class	2,797	2,638	6.0%	1,856
Currency	214	214	0.3%	133
Volatility	9	7	18.2%	55

*Source: Strategic Insight