

CETFA Monthly Report (\$ millions)
as of November 30, 2016

Top 25 ETFs by Net Creations - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2016
1 iShares S&P/TSX 60 Index ETF	XIU	BLK	\$ 635	\$ (87)
2 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	215	193
3 BMO Short Federal Bond Index ETF	ZFS	BMO	169	420
4 BMO Aggregate Bond Index ETF	ZAG	BMO	141	1,261
5 First Asset MSCI World Low Risk Weighted ETF	RWW	FAF	117	212
6 iShares S&P/TSX Capped REIT Index ETF	XRE	BLK	116	132
7 BMO Laddered Preferred Share Index ETF	ZPR	BMO	98	203
8 BMO Long Provincial Bond Index ETF	ZPL	BMO	91	321
9 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	76	398
10 BMO Mid Provincial Bond Index ETF	ZMP	BMO	74	356
11 Horizons BetaPro NYMEX Crude Oil Bull Plus ETF	HOU	HRZ	73	112
12 Horizons S&P 500 Index ETF	HXS	HRZ	70	113
13 Horizons Cdn High Dividend Index ETF	HXH	HRZ	58	159
14 BMO Mid Corporate Bond Index ETF	ZCM	BMO	56	317
15 BMO S&P/TSX Equal Weight Global Base Metals Hedged ETF	ZMT	BMO	54	53
16 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	51	321
17 RBC Canadian Preferred Share ETF	RPF	RBC	50	84
18 BMO S&P/TSX Equal Weight Banks Index ETF	ZEB	BMO	48	102
19 BMO U.S. Dividend ETF	ZDY	BMO	47	788
20 Vanguard S&P 500 Index ETF	VVW	VNG	45	104
21 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	44	291
22 iShares Core S&P 500 Index ETF	XUS	BLK	44	102
23 Vanguard Canadian Short-Term Corporate Bond Index ETF	VSC	VNG	37	273
24 PowerShares 1-3 Year Laddered Floating Rate Note Index ETF	PFL	AIM	33	59
25 BMO Equal Weight US Banks Index ETF	ZBK	BMO	32	52
Top 25			\$ 2,474	\$ 6,337

*Source: Strategic Insight

Top 25 ETFs by Net Redemptions - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2016
1 BMO Mid Federal Bond Index ETF	ZFM	BMO	\$ (171)	\$ (42)
2 BMO Low Volatility U.S. Equity ETF	ZLU	BMO	(64)	323
3 Horizons BetaPro NYMEX Crude Oil Bear Plus ETF	HOD	HRZ	(55)	(16)
4 BMO S&P 500 Index ETF	ZSP	BMO	(55)	270
5 BMO Short Provincial Bond Index ETF	ZPS	BMO	(54)	183
6 iShares 1-5 Year Laddered Government Bond Index ETF	CLF	BLK	(48)	19
7 BMO Low Volatility US Equity Hedged to CAD ETF	ZLH	BMO	(44)	146
8 iShares 1-5 Year Laddered Corporate Bond Index ETF	CBO	BLK	(44)	(132)
9 BMO Equal Weight Utilities Index ETF	ZUT	BMO	(40)	14
10 RBC Target 2016 Corporate Bond Index ETF	RQD	RBC	(33)	(59)
11 BMO Mid-Term U.S. IG Corporate Bond Index Hedged to CAD ETF	ZMU	BMO	(22)	223
12 Horizons BetaPro S&P/TSX 60 Bear Plus ETF	HXD	HRZ	(20)	38
13 iShares U.S. High Yield Bond Index ETF (CAD-Hedged)	XHY	BLK	(16)	(1)
14 Vanguard FTSE Global All Cap ex Canada Index ETF	VXC	VNG	(14)	155
15 iShares MSCI EAFE Index ETF (CAD-Hedged)	XIN	BLK	(13)	(52)
16 iShares MSCI World Index ETF	XWD	BLK	(13)	(36)
17 Horizons BetaPro S&P/TSX 60 Bull Plus ETF	HXU	HRZ	(12)	(44)
18 Vanguard Global ex-U.S. Aggregate Bond Index ETF (CAD-hedged)	VGB	VNG	(12)	49
19 PowerShares FTSE RAFI U.S. Fundamental (CAD Hedged) Index ETF	PXU	AIM	(12)	(37)
20 iShares Canadian Select Dividend Index ETF	XDV	BLK	(12)	(31)
21 iShares US Dividend Growers Index ETF (CAD-Hedged)	CUD	BLK	(11)	183
22 iShares Edge MSCI Min Vol Emerging Markets Index ETF	XMM	BLK	(11)	2
23 BMO Low Volatility Canadian Equity ETF	ZLB	BMO	(11)	608
24 iShares MSCI Europe IMI Index ETF (CAD-Hedged)	XEH	BLK	(10)	(11)
25 iShares S&P/TSX Capped Consumer Staples Index ETF	XST	BLK	(10)	38
Top 25			\$ (808)	\$ 1,791

*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	\$ 12,817	11.5%
2 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	3,740	3.3%
3 BMO S&P 500 Index ETF	ZSP	BMO	2,945	2.6%
4 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	2,668	2.4%
5 iShares Canadian Short Term Bond Index ETF	XSB	BLK	2,350	2.1%
6 iShares Canadian Universe Bond Index ETF	XBB	BLK	2,163	1.9%
7 BMO Aggregate Bond Index ETF	ZAG	BMO	2,123	1.9%
8 iShares 1-5 Year Laddered Corporate Bond Index ETF	CBO	BLK	2,058	1.8%
9 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	1,657	1.5%
10 iShares Canadian Corporate Bond Index ETF	XCB	BLK	1,634	1.5%
11 iShares Canadian Select Dividend Index ETF	XDV	BLK	1,481	1.3%
12 BMO Laddered Preferred Share Index ETF	ZPR	BMO	1,402	1.3%
13 BMO Low Volatility Canadian Equity ETF	ZLB	BMO	1,337	1.2%
14 BMO Short Corporate Bond Index ETF	ZCS	BMO	1,337	1.2%
15 iShares S&P/TSX Capped REIT Index ETF	XRE	BLK	1,332	1.2%
16 BMO U.S. Dividend ETF	ZDY	BMO	1,243	1.1%
17 iShares S&P/TSX Canadian Preferred Share Index ETF	CPD	BLK	1,241	1.1%
18 BMO Covered Call Canadian Banks ETF	ZWB	BMO	1,234	1.1%
19 iShares MSCI EAFE Index ETF (CAD-Hedged)	XIN	BLK	1,233	1.1%
20 BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	1,172	1.0%
21 BMO Mid Corporate Bond Index ETF	ZCM	BMO	1,159	1.0%
22 iShares S&P/TSX Capped Financial Index ETF	XFN	BLK	1,144	1.0%
23 BMO High Yield US Corporate Bond Hedged ETF	ZHY	BMO	1,142	1.0%
24 iShares S&P/TSX Capped Energy Index ETF	XEG	BLK	1,141	1.0%
25 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	1,101	1.0%
Top 25			\$ 52,853	47.3%

*Source: Strategic Insight

Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2016	% of Total 2016
BlackRock Canada	BLK	\$ 780	\$ 426	83%	\$ 2,127	13.7%
BMO Asset Management	BMO	654	509	28%	7,578	48.7%
Horizons ETFs	HRZ	366	52	601%	1,335	8.6%
Vanguard Canada	VNG	189	(236)	-	2,397	15.4%
First Asset	FAF	159	104	53%	495	3.2%
RBC Global Asset Management	RBC	65	4	1532%	579	3.7%
Invesco PowerShares	AIM	56	20	176%	434	2.8%
Purpose Investments	PFC	42	76	-45%	255	1.6%
First Trust Portfolios Canada	FTP	22	7	217%	42	0.3%
TD Asset Management	TDM	12	5	131%	60	0.4%
Mackenzie	MFC	6	8	-24%	84	0.5%
Hamilton Capital	HMC	6	-	-	12	0.1%
Lysander Funds	LYS	2	6	-56%	22	0.1%
Harvest Portfolios	HPG	2	1	290%	3	-
Sphere Investments	SPH	1	6	-82%	27	0.2%
WisdomTree	WDT	-	-	-	89	0.6%
Questrade Wealth Management	QWM	-	3	-	-	-
Auspice Capital	AUS	-	10	-	10	0.1%
Total		\$ 2,362	\$ 1,002	135.7%	\$ 15,564	

*Source: Strategic Insight

AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2015
BlackRock Canada	BLK	107	\$ 53,233	\$ 51,815	2.7%	\$ 46,942
BMO Asset Management	BMO	66	33,193	32,366	2.6%	24,235
Vanguard Canada	VNG	29	9,308	9,029	3.1%	6,565
Horizons ETFs	HRZ	75	6,306	5,908	6.7%	4,746
Invesco PowerShares	AIM	23	3,026	2,979	1.6%	2,507
First Asset	FAF	48	2,454	2,254	8.9%	1,860
RBC Global Asset Management	RBC	27	2,118	2,044	3.6%	1,507
Purpose Investments	PFC	19	1,121	1,077	4.0%	845
First Trust Portfolios Canada	FTP	19	365	323	19.3%	263
Harvest Portfolios	HPG	4	182	176	3.2%	-
WisdomTree	WDT	6	90	88	1.5%	-
Mackenzie	MFC	9	84	79	6.7%	-
TD Asset Management	TDM	6	61	49	24.8%	-
Questrade Wealth Management	QWM	8	46	45	2.5%	27
Lysander Funds	LYS	1	40	38	5.3%	18
Sphere Investments	SPH	5	28	26	6.1%	-
Auspice Capital	AUS	2	27	26	5.2%	17
Hamilton Capital	HMC	1	13	6	107.1%	-
Total		455	\$ 111,715	\$ 108,329	3.1%	\$ 89,531

*Source: Strategic Insight

Market Share by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	Dec 2015
BlackRock Canada	BLK	47.7%	47.8%	-0.2%	52.4%
BMO Asset Management	BMO	29.7%	29.9%	-0.2%	27.1%
Vanguard Canada	VNG	8.3%	8.3%	-	7.3%
Horizons ETFs	HRZ	5.6%	5.5%	0.2%	5.3%
Invesco PowerShares	AIM	2.7%	2.8%	-	2.8%
First Asset	FAF	2.2%	2.1%	0.1%	2.1%
RBC Global Asset Management	RBC	1.9%	1.9%	-	1.7%
Purpose Investments	PFC	1.0%	1.0%	-	0.9%
First Trust Portfolios Canada	FTP	0.3%	0.3%	-	0.3%
Harvest Portfolios	HPG	0.2%	0.2%	-	-
WisdomTree	WDT	0.1%	0.1%	-	-
Mackenzie	MFC	0.1%	0.1%	-	-
TD Asset Management	TDM	0.1%	-	-	-
Questrade Wealth Management	QWM	-	-	-	-
Lysander Funds	LYS	-	-	-	-
Sphere Investments	SPH	-	-	-	-
Auspice Capital	AUS	-	-	-	-
Hamilton Capital	HMC	-	-	-	-

*Source: Strategic Insight

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New ETFs Launched in 2016 - Top Funds by AUM				
ETF Name	Ticker	Management Code	AUM	% of Total
1 BMO Low Volatility International Equity Hedged to CAD ETF	ZLD	BMO	\$ 256.4	0.2%
2 Horizons Cdn High Dividend Index ETF	HXH	HRZ	173.3	0.2%
3 BMO Low Volatility US Equity Hedged to CAD ETF	ZLH	BMO	139.9	0.1%
4 RBC 1-5 Year Laddered Canadian Bond ETF	RLB	RBC	118.4	0.1%
5 Harvest Healthcare Leaders Income Fund	HHL	HPG	105.4	0.1%
6 First Asset Investment Grade Bond ETF	FIG	FAF	96.5	0.1%
7 RBC Canadian Preferred Share ETF	RPF	RBC	84.4	0.1%
8 First Asset Short Term Government Bond Index Class ETF	FGB	FAF	60.8	0.1%
9 Purpose Premium Yield Fund	PYP	PFC	59.7	0.1%
10 First Asset Preferred Share ETF	FPR	FAF	57.3	0.1%
11 First Trust Canadian Capital Strength ETF	FST	FTF	42.3	-
12 First Asset Long Duration Fixed Income ETF	FLB	FAF	37.9	-
13 TD Canadian Aggregate Bond Index ETF	TDB	TDM	34.9	-
14 Mackenzie Maximum Diversification Canada Bond ETF	HBF	HPG	31.5	-
15 Horizons Global Risk Parity ETF	HRA	HRZ	24.4	-
16 Mackenzie Core Plus Global Fixed Income ETF	MGB	MFC	24.0	-
17 First Trust Short Duration High Yield Bond ETF (CAD-Hedged)	FSD	FTF	23.4	-
18 Harvest US Buyback Leaders Fund	HUL	HPG	22.7	-
19 Harvest Energy Leaders Plus Income Fund	HPF	HPG	22.1	-
20 WisdomTree U.S. Quality Dividend Growth Index ET	DGR	WDT	20.6	-
21 WisdomTree U.S. High Dividend Index ETF	HID	WDT	19.7	-
22 WisdomTree International Quality Dividend Growth Index ETF	IDQ	WDT	19.7	-
23 iShares Edge MSCI Min Vol EAFE Index ETF (CAD-Hedged)	VMV	BLK	19.3	-
24 Vanguard Global Value Factor ETF	VVL	VNG	17.9	-
25 Vanguard Global Liquidity Factor ETF	VLO	VNG	16.7	-
Top 25 funds			\$ 1,529	1.4%

*Source: Strategic Insight

New ETFs Launched in 2016 - Top Funds by Current Month Net Creations				
ETF Name	Ticker	Management Code	Net Creations	% of Total
1 Horizons Cdn High Dividend Index ETF	HXH	HRZ	\$ 57.7	2.4%
2 RBC Canadian Preferred Share ETF	RPF	RBC	50.0	2.1%
3 First Asset Preferred Share ETF	FPR	FAF	28.3	1.2%
4 TD Canadian Aggregate Bond Index ETF	TDB	TDM	9.1	0.4%
5 Purpose Premium Yield Fund	PYP	PFC	7.4	0.3%
6 Hamilton Capital Global Bank ETF	HBG	HMC	6.3	0.3%
7 Horizons Global Risk Parity ETF	HRA	HRZ	5.1	0.2%
8 First Asset Investment Grade Bond ETF	FIG	FAF	4.4	0.2%
9 BMO Low Volatility International Equity Hedged to CAD ETF	ZLD	BMO	4.1	0.2%
10 RBC 1-5 Year Laddered Canadian Bond ETF	RLB	RBC	4.0	0.2%
11 RBC Quant Global Infrastructure Leaders ETF	RIG	RBC	2.9	0.1%
12 Harvest Healthcare Leaders Income Fund	HHL	HPG	2.8	0.1%
13 Mackenzie Maximum Diversification US Index ETF	MUS	MFC	2.2	0.1%
14 Mackenzie Maximum Diversification Canada Index ETF	MKC	MFC	2.1	0.1%
15 First Asset U.S. Buyback Index ETF	FBU	FAF	2.1	0.1%
16 First Asset U.S. Tactical Sector Allocation Index ETF	FUT	FAF	2.0	0.1%
17 First Asset Canadian Buyback Index ETF	FBE	FAF	2.0	0.1%
18 Mackenzie Core Plus Global Fixed Income ETF	MGB	MFC	2.0	0.1%
19 TD S&P/TSX Capped Composite Index ETF	TTT	TDM	1.6	0.1%
20 TD S&P 500 Index ETF	TPU	TDM	1.6	0.1%
21 Sphere FTSE Canada Sustainable Yield Index ETF	SHC	SPH	1.1	-
22 First Asset Cambridge Core U.S. Equity ETF	FCY	FAF	1.0	-
23 RBC Target 2023 Corporate Bond Index ETF	RCK	RBC	1.0	-
24 Vanguard FTSE Developed Europe All Cap Index ETF (CAD-hedged)	VEH	VNG	0.6	-
			\$ 201	8.5%

*Source: Strategic Insight

Net Creations by Asset Category					
Asset Category	Current Month	Previous Month	Change	YTD 2016	% of Total 2016
Total	\$ 2,362	\$ 1,002	135.7%	\$ 15,564	100.0%
Fixed Income	435	77	466.4%	6,139	39.4%
Investment grade	419	35	1104.3%	6,244	40.1%
Corporate	117	192	-39.1%	1,842	11.8%
Government	93	27	245.6%	1,594	10.2%
Mix	210	(184)	-	2,807	18.0%
High yield	16	42	-62.8%	(104)	-0.7%
Corporate	(3)	9	-	(209)	-1.3%
Emerging markets	(5)	(6)	-	(27)	-0.2%
Mix	24	39	-37.2%	132	0.8%
Equity	1,917	911	110.5%	8,989	57.8%
Canada	1,281	604	111.9%	2,935	18.9%
US	160	131	22.7%	3,415	21.9%
Emerging Markets	(9)	69	-	153	1.0%
International	110	45	142.6%	1,178	7.6%
North America	40	23	76.2%	181	1.2%
Europe	1	1	-51.1%	6	-
Global	(11)	105	-	375	2.4%
Sector	345	(68)	-	746	4.8%
Agriculture	(6)	10	-	(28)	-0.2%
Consumer staples	(10)	5	-	38	0.2%
Energy	18	(106)	-	(72)	-0.5%
Financials	70	7	944.0%	155	1.0%
Health care	20	(14)	-	(22)	-0.1%
Industrials	7	-	-	12	0.1%
Utilities & Infrastructure	-	33	-	141	0.9%
Materials	21	1	1706.1%	127	0.8%
Metals	68	-	-	97	0.6%
Multiple	3	(1)	-	21	0.1%
Real estate	142	(22)	-	237	1.5%
Technology	12	18	-33.4%	40	0.3%
Commodities	26	(6)	-	297	1.9%
Energy	31	(12)	-	165	1.1%
Metals	(5)	6	-	132	0.8%
Multi-asset class	(8)	14	-	1	-
Currency	(7)	2	-	27	0.2%
Volatility	-	5	-	111	0.7%
of which inverse/leveraged	\$ 15	\$ 13	14.6%	\$ 321	2.1%

*Source: Strategic Insight

Market Share by Asset Category				
Asset Category	Current Month	Previous Month	Change	Dec 2015
Total	100.0%	100.0%	-	100.0%
Fixed Income	30.3%	31.3%	-1.0%	30.9%
Investment grade	27.4%	28.2%	-0.8%	27.5%
Corporate	12.0%	12.4%	-0.4%	12.5%
Government	5.3%	5.5%	-0.1%	4.9%
Mix	10.1%	10.4%	-0.3%	9.6%
High yield	2.9%	3.0%	-0.1%	3.6%
Corporate	2.6%	2.7%	-0.1%	3.3%
Emerging markets	0.2%	0.2%	-	0.3%
Mix	0.2%	0.1%	-	0.1%
Equity	67.0%	66.0%	1.0%	66.3%
Canada	29.6%	28.7%	1.0%	29.5%
US	17.2%	17.0%	0.2%	16.2%
Emerging Markets	1.3%	1.5%	-0.1%	1.4%
International	7.0%	7.2%	-0.2%	7.6%
North America	0.7%	0.6%	-	0.6%
Europe	-	-	-	-
Global	1.7%	1.8%	-	1.7%
Sector	9.4%	9.2%	0.2%	9.2%
Agriculture	0.2%	0.2%	-	0.3%
Consumer staples	0.2%	0.2%	-	0.2%
Energy	1.5%	1.4%	0.1%	1.3%
Financials	2.3%	2.0%	0.2%	2.2%
Health care	0.4%	0.4%	-	0.5%
Industrials	-	-	-	-
Utilities & Infrastructure	1.0%	1.0%	-0.1%	1.0%
Materials	1.0%	1.1%	-0.2%	0.8%
Metals	0.2%	0.2%	0.1%	0.1%
Multiple	0.2%	0.2%	-	0.2%
Real estate	1.9%	1.9%	0.1%	2.0%
Technology	0.5%	0.5%	-	0.6%
Commodities	1.0%	1.0%	-	0.9%
Energy	0.6%	0.5%	0.1%	0.5%
Metals	0.5%	0.5%	-0.1%	0.4%
Multi-asset class	1.5%	1.5%	-	1.7%
Currency	0.1%	0.1%	-	0.1%
Volatility	0.1%	0.1%	-	0.1%
of which inverse / leveraged	1.0%	1.0%	30.4%	1.0%

*Source: Strategic Insight

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AUM of ETFs by Provider by Asset Category

Asset Category	BlackRock Canada	BMO Asset Management	Vanguard Canada	Horizons ETFs	Invesco PowerShares	First Asset	RBC Global Asset Management	Purpose Investments	First Trust Portfolios Canada	Harvest Portfolios	WisdomTree	Mackenzie	TD Asset Management	Questrae Wealth	Lysander Funds	Sphere Investments	Auspice Capital	Hamilton Capital
Management Code	BLK	BMO	VNG	HRZ	AIM	FAF	RBC	PFC	FTP	HPG	WDT	MFC	TDM	QWM	LYS	SPH	AUS	HMC
Total	\$ 33,233	\$ 33,193	\$ 9,308	\$ 6,306	\$ 3,026	\$ 2,454	\$ 2,118	\$ 1,121	\$ 385	\$ 182	\$ 90	\$ 84	\$ 61	\$ 46	\$ 40	\$ 28	\$ 27	\$ 13
Fixed Income	14,069	11,547	3,046	1,467	1,764	314	833	489	209	–	–	–	50	16	–	–	–	–
Investment grade	12,976	9,940	3,046	1,332	1,559	293	833	489	51	–	–	–	5	35	16	–	–	–
Corporate	5,128	4,459	977	929	826	106	833	73	–	–	–	–	–	–	–	–	–	–
Government	2,092	3,104	–	140	453	149	–	–	–	–	–	–	–	–	–	–	–	–
Mix	5,757	2,347	2,069	263	280	38	–	416	51	–	–	–	5	35	16	–	–	–
High yield	1,093	1,608	–	135	205	21	–	–	159	–	–	–	–	–	–	–	–	–
Corporate	936	1,439	–	135	205	–	–	–	159	–	–	–	–	–	–	–	–	–
Emerging markets	43	168	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	114	–	–	–	–	21	–	–	–	–	–	–	45	–	–	–	–	–
Equity	37,451	21,565	6,262	3,833	1,242	2,136	1,285	571	122	182	90	84	34	30	40	28	27	13
Canada	20,520	7,277	1,388	2,216	720	556	198	3	47	–	–	–	11	5	–	40	13	–
US	6,489	7,651	2,809	712	412	494	473	50	39	45	51	6	12	17	–	5	–	–
Emerging Markets	677	372	367	27	11	–	25	–	9	–	–	–	–	–	–	–	5	–
International	3,022	2,662	1,024	17	31	302	576	67	28	–	–	–	39	6	9	12	5	–
North America	227	–	–	27	–	57	–	424	–	–	–	–	–	–	–	–	–	–
Global	705	222	557	270	26	150	–	–	–	–	–	–	8	–	–	–	–	13
Sector	5,811	3,381	115	554	42	477	7	27	–	137	–	–	–	–	–	–	–	–
Agriculture	247	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	195	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	1,141	304	–	64	–	38	–	–	–	105	–	–	–	–	–	–	–	–
Financials	1,308	1,042	–	86	–	122	–	–	–	–	–	–	–	–	–	–	–	–
Health care	208	215	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Industrials	–	35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	126	943	–	–	–	19	7	–	–	–	–	–	–	–	–	–	–	–
Materials	869	75	–	143	–	7	–	–	–	–	–	–	–	–	–	–	–	–
Metals	88	140	–	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multiple	–	–	–	192	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Real estate	1,451	389	115	–	–	186	–	27	–	–	–	–	–	–	–	–	–	–
Technology	177	239	–	30	42	105	–	–	–	–	–	–	–	–	–	–	–	–
Commodities	451	–	–	674	–	–	–	1	–	–	–	–	–	–	–	–	–	27
Energy	–	–	–	596	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	451	–	–	78	–	–	–	–	–	–	–	–	–	–	–	–	–	27
Multi-asset class	1,262	80	–	179	20	4	–	46	53	–	–	–	–	–	–	–	–	–
Currency	–	–	–	99	–	–	–	15	–	–	–	–	–	–	–	–	–	–
Volatility	–	–	–	63	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>of which inverse / leveraged</i>				\$ 1,104														

*Source: Strategic Insight

Number of ETFs by Provider by Asset Category

Asset Category	BlackRock Canada	BMO Asset Management	Vanguard Canada	Horizons ETFs	Invesco PowerShares	First Asset	RBC Global Asset Management	Purpose Investments	First Trust Portfolios Canada	Harvest Portfolios	WisdomTree	Mackenzie	TD Asset Management	Questrae Wealth	Lysander Funds	Sphere Investments	Auspice Capital	Hamilton Capital
Management Code	BLK	BMO	VNG	HRZ	AIM	FAF	RBC	PFC	FTP	HPG	WDT	MFC	TDM	QWM	LYS	SPH	AUS	HMC
Total	107	66	29	75	23	48	27	19	19	4	6	9	6	8	1	5	2	1
Fixed Income	25	20	5	12	7	7	9	3	3	–	–	–	4	1	–	–	–	–
Investment grade	19	17	5	10	5	6	9	3	1	–	–	–	1	1	–	–	–	–
Corporate	7	8	1	3	2	2	9	1	–	–	–	–	–	–	–	–	–	–
Government	4	7	–	3	1	3	–	–	–	–	–	–	–	–	–	–	–	–
Mix	8	2	4	4	2	1	–	2	1	–	–	–	1	1	1	–	–	–
High yield	6	3	–	2	2	1	–	–	2	–	–	–	3	–	–	–	–	–
Corporate	3	2	–	2	2	–	–	–	2	–	–	–	–	–	–	–	–	–
Emerging markets	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	2	–	–	–	–	1	–	–	–	–	–	–	3	–	–	–	–	–
Equity	72	45	24	36	15	39	18	10	15	4	6	5	5	7	1	5	–	1
Canada	14	6	3	9	5	13	3	1	2	–	–	–	1	–	–	1	–	–
US	15	11	6	8	3	8	4	2	11	2	3	1	2	6	–	1	–	–
Emerging Markets	8	3	1	1	1	–	1	–	1	–	–	–	–	–	–	–	–	–
International	12	8	7	2	2	3	7	2	4	–	3	1	2	1	–	2	–	–
North America	1	–	–	1	–	1	–	–	4	–	–	–	–	–	–	–	–	–
Global	6	2	5	1	3	7	2	–	–	–	–	–	1	–	–	–	–	1
Sector	16	15	1	14	1	7	1	–	1	–	2	–	–	–	–	–	–	–
Agriculture	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	1	3	–	4	–	2	–	–	–	1	–	–	–	–	–	–	–	–
Financials	2	2	–	4	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Health care	1	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Industrials	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	2	3	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–
Materials	3	1	–	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Metals	1	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multiple	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Real estate	2	1	1	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Technology	2	1	–	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Commodities	2	–	–	15	–	–	–	1	–	–	–	–	–	–	–	–	–	2
Energy	–	–	–	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	2	–	–	7	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Multi-asset class	8	1	–	6	–	2	–	4	1	–	–	–	–	–	–	–	–	–
Currency	–	–	–	3	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Volatility	–	–	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>of which inverse / leveraged</i>				25														

*Source: Strategic Insight

CETFA Monthly Report (\$ millions)

as of November 30, 2016

AUM by Asset Category

Asset Category	Current Month	Previous Month	Change	Dec 2015
Total	\$ 111,715	\$ 108,329	3.1%	\$ 89,531
Fixed income	33,840	33,862	-0.1%	27,629
Investment grade	30,575	30,577	—	24,439
Corporate	13,360	13,419	-0.4%	11,511
Government	5,939	5,915	0.4%	4,356
Mix	11,276	11,243	0.3%	8,572
High yield	3,265	3,285	-0.6%	3,190
Corporate	2,875	2,904	-1.0%	2,910
Emerging markets	211	224	-6.0%	232
Mix	179	158	13.9%	48
Equity	74,900	71,502	4.8%	59,395
Canada	33,093	31,038	6.6%	26,433
US	19,266	18,451	4.4%	14,546
Emerging Markets	1,491	1,572	-5.1%	1,260
International	7,803	7,813	-0.1%	6,825
North America	736	699	5.3%	544
Europe	6	5	8.9%	—
Global	1,955	1,939	0.8%	1,511
Sector	10,551	9,984	5.7%	8,276
Agriculture	247	250	-1.4%	251
Consumer staples	195	205	-5.1%	146
Energy	1,653	1,506	9.7%	1,191
Financials	2,558	2,215	15.5%	2,013
Health care	454	427	6.4%	473
Industrials	35	26	32.2%	16
Utilities & Infrastructure	1,095	1,130	-3.1%	876
Materials	1,094	1,226	-10.7%	724
Metals	267	188	42.0%	92
Multiple	192	183	5.1%	157
Real estate	2,168	2,047	5.9%	1,819
Technology	592	580	2.2%	517
Commodities	1,153	1,129	2.2%	817
Energy	623	548	13.6%	443
Metals	530	580	-8.6%	375
Multi-asset class	1,645	1,635	0.6%	1,563
Currency	114	119	-4.0%	68
Volatility	63	82	-22.6%	59
<i>of which inverse / leveraged</i>	<i>\$ 1,104</i>	<i>\$ 1,093</i>	<i>1.0%</i>	<i>\$ 874</i>

*Source: Strategic Insight