

## CETFA Monthly Report (\$ millions)

as of May 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	\$ 754	\$ (35)
2 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	429	616
3 iShares Canadian Universe Bond Index ETF	XBB	BLK	348	46
4 Purpose Multi-Asset Income Fund	PINC	PFC	164	165
5 AGFIQ Enhanced Global Infrastructure ETF	QIF	AGF	149	151
6 BMO MSCI Emerging Markets Index ETF	ZEM	BMO	102	232
7 iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	98	416
8 PIMCO Monthly Income (Canada) ETF	PMIF	PMC	86	328
9 Horizons Active Floating Rate Bond ETF	HFR	HRZ	59	245
10 Mackenzie Floating Rate Income ETF	MFT	MFC	55	164
11 Vanguard Growth ETF Portfolio	VGRO	VNG	54	226
12 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	51	272
13 iShares J.P. Morgan USD Emerging Markets Bond Index ETF (CAD-Hedged)	XEB	BLK	51	47
14 iShares Core S&P 500 Index ETF	XUS	BLK	44	79
15 Franklin Liberty Global Aggregate Bond ETF (CAD-Hedged)	FLGA	FLS	43	43
16 Purpose High Interest Savings ETF	PSA	PFC	43	113
17 Horizons S&P 500 Index ETF	HXS	HRZ	40	(39)
18 AGFIQ Enhanced Global ESG Factors ETF	QEF	AGF	39	41
19 Vanguard U.S. Total Market Index ETF	VUN	VNG	38	193
20 Redwood U.S. Preferred Share Fund	RPU	RDW	37	39
21 Vanguard FTSE Developed All Cap ex North America Index ETF	VIU	VNG	35	192
22 RBC Canadian Preferred Share ETF	RPF	RBC	34	215
23 Horizons Marijuana Life Sciences Index ETF	HMLJ	HRZ	34	324
24 Vanguard Balanced ETF Portfolio	VBAL	VNG	33	136
25 PowerShares FTSE RAFI Canadian Fundamental Index ETF	PXC	AIM	33	(9)
<b>Top 25</b>			<b>\$ 2,854</b>	<b>\$ 4,200</b>

\*Source: Strategic Insight

### Top 25 ETFs by Net Redemptions - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2018
1 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	\$ (809)	\$ (289)
2 BMO Canadian Dividend ETF	ZDV	BMO	(417)	(371)
3 iShares S&P/TSX Capped Financials Index ETF	XFN	BLK	(146)	(120)
4 PowerShares Ultra Liquid Long Term Government Bond Index ETF	PGL	AIM	(128)	(17)
5 iShares S&P/TSX Capped Energy Index ETF	XEG	BLK	(97)	(144)
6 iShares Core S&P U.S. Total Market Index ETF	XUU	BLK	(95)	(6)
7 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNS	(94)	275
8 BMO MSCI EAFE Index ETF	ZEA	BMO	(95)	209
9 BMO MSCI EAFE Hedged to CAD Index ETF	ZDM	BMO	(54)	32
10 BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	(52)	1
11 BMO Low Volatility International Equity ETF	ZLI	BMO	(46)	(46)
12 BMO India Equity Index ETF	ZID	BMO	(44)	(22)
13 iShares 1-5 Year Laddered Government Bond Index ETF	CLF	BLK	(44)	(108)
14 BMO Mid Corporate Bond Index ETF	ZCM	BMO	(41)	(126)
15 iShares S&P/TSX Capped REIT Index ETF	XRE	BLK	(41)	(187)
16 iShares U.S. High Yield Bond Index ETF (CAD-Hedged)	XHY	BLK	(37)	(115)
17 iShares 1-5 Year Laddered Corporate Bond Index ETF	CBO	BLK	(35)	(249)
18 BMO S&P 500 Index ETF	ZSP	BMO	(34)	473
19 AGFIQ Enhanced Core Emerging Markets Equity ETF	QEM	AGF	(25)	1
20 iShares MSCI EAFE Index ETF (CAD-Hedged)	XIN	BLK	(24)	(5)
21 BMO Short Corporate Bond Index ETF	ZCS	BMO	(24)	(233)
22 iShares Core Canadian Long Term Bond Index ETF	XLB	BLK	(23)	26
23 BetaPro Crude Oil -2x Daily Bear ETF	HOD	HRZ	(22)	9
24 BMO Low Volatility Emerging Market Equity ETF	ZLE	BMO	(22)	(13)
25 Vanguard Canadian Short-Term Corporate Bond Index ETF	VSC	VNG	(22)	(58)
<b>Top 25</b>			<b>\$ (2,442)</b>	<b>\$ (1,081)</b>

\*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	\$ 10,904	6.9%
2 BMO S&P 500 Index ETF	ZSP	BMO	4,874	3.1%
3 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	4,288	2.7%
4 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	4,219	2.7%
5 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	3,766	2.4%
6 BMO Aggregate Bond Index ETF	ZAG	BMO	3,492	2.2%
7 iShares Canadian Universe Bond Index ETF	XBB	BLK	2,383	1.5%
8 BMO MSCI EAFE Index ETF	ZEA	BMO	2,244	1.4%
9 BMO Laddered Preferred Share Index ETF	ZPR	BMO	2,145	1.4%
10 iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	2,027	1.3%
11 iShares Canadian Short Term Bond Index ETF	XSB	BLK	1,913	1.2%
12 BMO Covered Call Canadian Banks ETF	ZVB	BMO	1,817	1.2%
13 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	1,787	1.1%
14 Vanguard S&P 500 Index ETF	VFV	VNG	1,743	1.1%
15 Horizons Active Preferred Share ETF	HPR	HRZ	1,699	1.1%
16 iShares Canadian Corporate Bond Index ETF	XCB	BLK	1,613	1.0%
17 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	1,579	1.0%
18 iShares S&P/TSX Canadian Preferred Share Index ETF	CPD	BLK	1,525	1.0%
19 BMO U.S. Dividend ETF	ZDY	BMO	1,494	1.0%
20 iShares MSCI EAFE Index ETF (CAD-Hedged)	XIN	BLK	1,477	0.9%
21 BMO Short Corporate Bond Index ETF	ZCS	BMO	1,448	0.9%
22 BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	1,420	0.9%
23 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	1,411	0.9%
24 iShares Canadian Select Dividend Index ETF	XDV	BLK	1,392	0.9%
25 iShares 1-5 Year Laddered Corporate Bond Index ETF	CBO	BLK	1,383	0.9%
<b>Top 25</b>			<b>\$ 64,405</b>	<b>40.8%</b>

\*Source: Strategic Insight

### Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2018	% of Total 2018
Purpose Investments	PFC	\$ 259	\$ 5	\$ -	\$ 324	3.3%
Vanguard Canada	VNG	231	297	-22.1%	2,224	22.6%
AGF QuantShares	AGF	194	4	-	198	2.0%
Mackenzie	MFC	161	246	-34.7%	1,121	11.4%
Horizons ETFs	HRZ	152	87	75.1%	789	8.0%
PIMCO Canada	PMC	82	64	28.7%	346	3.5%
Franklin LibertyShares	FLS	66	27	138.9%	112	1.1%
First Asset	FAF	55	46	19.6%	388	3.9%
Redwood Asset Management	RDW	47	10	362.0%	115	1.2%
WisdomTree	WDT	37	56	-33.4%	158	1.6%
Evolve Funds	EVL	32	18	75.3%	112	1.1%
BlackRock Canada	BLK	31	(579)	-	7	0.1%
Hamilton Capital	HMC	17	13	30.8%	116	1.2%
Harvest Portfolios	HPG	13	11	16.0%	96	1.0%
Scotia Global Asset Management	BNS	8	-	-	8	0.1%
Manulife Investments	MNL	6	3	121.3%	27	0.3%
Lysander Funds	LYS	3	3	21.7%	19	0.2%
Bristol Gate Capital Partners	BRI	3	3	9.5%	10	0.1%
Brompton Funds	BRM	2	79	-97.2%	81	0.8%
TD Asset Management	TDM	2	(1)	-	(56)	-0.6%
Galileo Funds	GAL	-	-	-	-	-
Equium Capital	EQU	-	-	-	2	-
Auspice Capital	AUS	-	1	-	(4)	-
Arrow Capital Management	ACM	-	-	-	3	-
First Trust Portfolios Canada	FTP	(1)	(35)	-	(27)	-0.3%
Sun Life Global Investments (Canada)	SUN	(1)	-	-	(4)	-
Desjardins Investments	DJD	(2)	(23)	-	227	2.3%
RBC Global Asset Management	RBC	(6)	22	-	438	4.4%
Invesco PowerShares	AIM	(59)	(16)	-	(80)	-0.8%
BMO Asset Management	BMO	(239)	186	-	3,102	31.5%
<b>Total</b>		<b>\$ 1,092</b>	<b>\$ 526</b>		<b>\$ 9,850</b>	

\*Source: Strategic Insight

### AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2017
BlackRock Canada	BLK	115	\$ 60,503	\$ 59,130	2.3%	\$ 59,769
BMO Asset Management	BMO	91	48,691	48,282	0.8%	46,518
Vanguard Canada	VNG	36	16,144	15,612	3.4%	13,703
Horizons ETFs	HRZ	81	9,634	9,476	3.8%	9,103
RBC Global Asset Management	RBC	42	5,162	5,155	0.1%	4,720
First Asset	FAF	44	4,233	4,124	2.6%	3,834
Invesco PowerShares	AIM	29	3,369	3,359	-0.9%	3,507
Mackenzie	MFC	28	2,437	2,258	7.9%	1,296
Purpose Investments	PFC	24	1,899	1,640	15.8%	1,608
PIMCO Canada	PMC	2	636	556	14.2%	299
AGF QuantShares	AGF	9	545	348	56.6%	340
WisdomTree	WDT	12	535	498	7.4%	384
Harvest Portfolios	HPG	11	529	512	3.2%	443
First Trust Portfolios Canada	FTP	20	416	412	1.1%	438
Franklin LibertyShares	FLS	10	363	288	25.7%	242
Desjardins Investments	DJD	9	351	357	-1.8%	130
Manulife Investments	MNL	6	291	281	3.6%	254
Redwood Asset Management	RDW	8	221	172	28.6%	102
Hamilton Capital	HMC	3	213	196	8.6%	96
Evolve Funds	EVL	15	205	173	18.5%	31
Lysander Funds	LYS	1	108	104	3.7%	91
Brompton Funds	BRM	2	84	80	4.8%	-
TD Asset Management	TDM	6	78	75	4.0%	133
Auspice Capital	AUS	1	19	23	-16.3%	23
Bristol Gate Capital Partners	BRI	2	10	7	48.2%	-
Equium Capital	EQU	1	9	9	1.8%	7
Scotia Global Asset Management	BNS	4	8	-	-	-
Galileo Funds	GAL	1	5	5	1.2%	5
Arrow Capital Management	ACM	1	5	5	-0.3%	2
Sun Life Global Investments (Canada)	SUN	-	-	-	-100.0%	-
<b>Total</b>		<b>614</b>	<b>\$ 156,901</b>	<b>\$ 153,179</b>	<b>2.4%</b>	<b>\$ 147,137</b>

\*Source: Strategic Insight

### Market Share by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	Dec 2017
BlackRock Canada	BLK	38.6%	38.6%	-	40.6%
BMO Asset Management	BMO	31.0%	31.5%	-0.5%	31.6%
Vanguard Canada	VNG	10.3%	10.2%	0.1%	9.3%
Horizons ETFs	HRZ	6.3%	6.2%	0.1%	6.2%
RBC Global Asset Management	RBC	3.3%	3.4%	-0.1%	3.2%
First Asset	FAF	2.7%	2.7%	-	2.6%
Invesco PowerShares	AIM	2.1%	2.2%	-0.1%	2.4%
Mackenzie	MFC	1.6%	1.5%	0.1%	0.9%
Purpose Investments	PFC	1.2%	1.1%	0.1%	1.1%
PIMCO Canada	PMC	0.4%	0.4%	-	0.2%
AGF QuantShares	AGF	0.3%	0.2%	0.1%	0.2%
WisdomTree	WDT	0.3%	0.3%	-	0.3%
Harvest Portfolios	HPG	0.3%	0.3%	-	0.3%
First Trust Portfolios Canada	FTP	0.3%	0.3%	-	0.3%
Franklin LibertyShares	FLS	0.2%	0.2%	-	0.2%
Desjardins Investments	DJD	0.2%	0.2%	-	0.1%
Manulife Investments	MNL	0.2%	0.2%	-	0.2%
Redwood Asset Management	RDW	0.1%	0.1%	-	0.1%
Hamilton Capital	HMC	0.1%	0.1%	-	0.1%
Evolve Funds	EVL	0.1%	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	-	-	-	-
Galileo Funds	GAL	-	-	-	-
Arrow Capital Management	ACM	-	-	-	-
Sun Life Global Investments (Canada)	SUN	-	-	-	-

\*Source: Strategic Insight

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as of May 31, 2018

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	\$ 1,003	0.6%
2 Vanguard Growth ETF Portfolio	VGRO	VNG	231	0.1%
3 RBC Vision Women's Leadership MSCI Canada Index ETF	RDR	RBC	208	0.1%
4 Purpose Multi-Asset Income Fund	PINC	PFC	164	0.1%
5 Mackenzie US Large Cap Equity Index ETF	QUJ	MFC	151	0.1%
6 AGFQ Enhanced Global Infrastructure ETF	QIF	AGF	151	0.1%
7 Mackenzie US Investment Grade Corporate Bond Index ETF (CAD-Hedged)	QUJG	MFC	150	0.1%
8 Vanguard Balanced ETF Portfolio	VBAL	VNG	142	0.1%
9 Mackenzie Canadian Large Cap Equity Index ETF	QCE	MFC	105	0.1%
10 Vanguard Conservative ETF Portfolio	VCNS	VNG	50	-
11 Mackenzie Canadian Aggregate Bond Index ETF	QBB	MFC	46	-
12 Global Healthcare Income & Growth ETF	HIG	BRM	44	-
13 Franklin Liberty Global Aggregate Bond ETF (CAD-Hedged)	FLGA	FLS	43	-
14 AGFQ Enhanced Global ESG Factors ETF	QEF	AGF	41	-
15 Tech Leaders Income ETF	TLF	BRM	40	-
16 Mackenzie US TIPS Index ETF (CAD-Hedged)	QTIP	MFC	20	-
17 Evolve Active Core Fixed Income ETF	FXAD	EVL	19	-
18 BMO Corporate Bond Index ETF	ZCB	BMO	18	-
19 Redwood Energy Credit Fund	PCF	RDW	17	-
20 BMO US High Dividend Covered Call Hedged to CAD ETF	ZWS	BMO	16	-
21 Mackenzie Canadian Equity Index ETF	OCN	MFC	16	-
22 Purpose Enhanced Dividend Fund	POIV	PFC	15	-
23 Franklin LibertyQT Emerging Markets Index ETF	FLEM	FLS	13	-
24 Harvest Global Resource Leaders ETF	HRES	HPG	13	-
25 Horizons Emerging Marijuana Growers Index ETF	HMJR	HRZ	12	-
			\$ 2,728	1.7%

\*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 Purpose Multi-Asset Income Fund	PINC	PFC	\$ 164	15.0%
2 AGFQ Enhanced Global Infrastructure ETF	QIF	AGF	149	13.6%
3 Vanguard Growth ETF Portfolio	VGRO	VNG	64	5.0%
4 Franklin Liberty Global Aggregate Bond ETF (CAD-Hedged)	FLGA	FLS	43	3.9%
5 AGFQ Enhanced Global ESG Factors ETF	QEF	AGF	39	3.5%
6 Vanguard Balanced ETF Portfolio	VBAL	VNG	33	3.1%
7 BMO Europe High Dividend Covered Call ETF	ZWP	BMO	31	2.8%
8 Mackenzie Canadian Aggregate Bond Index ETF	QBB	MFC	20	1.8%
9 Evolve Active Core Fixed Income ETF	FXAD	EVL	12	1.1%
10 Vanguard Conservative ETF Portfolio	VCNS	VNG	12	1.1%
11 Mackenzie US TIPS Index ETF (CAD-Hedged)	QTIP	MFC	12	1.1%
12 RBC U.S. Banks Yield Index ETF	RUBY	RBC	11	1.0%
13 Franklin Liberty Senior Loan ETF (CAD-Hedged)	FSL	FLS	10	0.9%
14 BMO Global Communications Index ETF	COMM	BMO	8	0.7%
15 Franklin Liberty U.S. Investment Grade Corporate ETF (CAD-Hedged)	FLUI	FLS	8	0.7%
16 BMO Global Multi-Sector Bond ETF	ZMSB	BMO	7	0.7%
17 Purpose Strategic Yield Fund	SVLD	PFC	7	0.6%
18 RBC U.S. Banks Yield (CAD Hedged) Index ETF	RUBH	RBC	6	0.6%
19 Mackenzie US Large Cap Equity Index ETF	QUJ	MFC	5	0.5%
20 Franklin LibertyQT Global Dividend Index ETF	FLOD	FLS	5	0.4%
21 Mackenzie Canadian Large Cap Equity Index ETF	OCN	MFC	4	0.4%
22 Mackenzie Canadian Equity Index ETF	OCN	MFC	4	0.4%
23 Evolve Innovation Index ETF	EDGE	EVL	3	0.3%
24 Invesco S&P 500 Equal Weight Index ETF	EOL	AIM	3	0.3%
25 Tech Leaders Income ETF	TLF	BRM	2	0.2%
			\$ 663	59.8%

\*Source: Strategic Insight

**Net Creations by Asset Category**

Asset Category	Current Month	Previous Month	Change	YTD 2018	% of Total
<b>Total</b>	<b>\$ 1,092</b>	<b>\$ 535</b>	<b>107.5%</b>	<b>\$ 8,550</b>	<b>100.0%</b>
Fixed Income	248	(62)	-	1,207	12.3%
Investment grade	35	(5)	-	869	8.8%
Corporate	(141)	(86)	-	(281)	-2.8%
Government	(251)	(2)	-	(240)	-2.4%
Mix	426	83	411.8%	1,389	14.1%
High yield	213	(48)	-	339	3.4%
Corporate	4	(146)	-	(321)	-3.3%
Emerging markets	51	(6)	-	46	0.5%
Mix	158	104	51.7%	614	6.2%
<b>Equity</b>	<b>597</b>	<b>571</b>	<b>4.6%</b>	<b>8,213</b>	<b>83.4%</b>
Canada	247	(228)	-	1,853	18.8%
US	146	559	-73.8%	1,885	17.1%
Emerging Markets	57	68	-15.6%	818	8.3%
International	21	44	-51.5%	1,215	12.3%
North America	27	(2)	-	19	0.2%
Europe	13	48	-73.8%	1,096	11.1%
Global	80	67	19.1%	722	7.3%
Sector	6	15	-62.5%	805	8.2%
Agriculture	2	(19)	-	(25)	-0.3%
Consumer staples	(3)	5	-	8	0.1%
Energy	(84)	48	-	(160)	-1.6%
Financials	(134)	(120)	-	136	1.4%
Health care	38	82	-53.3%	428	4.3%
Industrials	6	-	-	3	-
Utilities & Infrastructure	158	(7)	-	179	1.8%
Materials	(8)	(37)	-	(26)	-0.3%
Metals	12	(3)	-	-	-
Multiple	-	(2)	-	(6)	-0.1%
Real estate	(31)	15	-	(145)	-1.5%
Technology	50	53	-7.4%	412	4.2%
<b>Commodities</b>	<b>(18)</b>	<b>(7)</b>	<b>-</b>	<b>(168)</b>	<b>-1.7%</b>
Energy	(22)	(7)	-	(190)	-1.9%
Metals	4	-	-	21	0.2%
Multi-asset class	270	(28)	-	505	5.1%
Currency	3	25	-87.8%	77	0.8%
Volatility	(9)	17	-	16	0.2%
<b>of which Inverse/Leveraged</b>	<b>\$ (21)</b>	<b>\$ (9)</b>	<b>-</b>	<b>(116)</b>	<b>-1.2%</b>

\*Source: Strategic Insight

**Market Share by Asset Category**

Asset Category	Current Month	Previous Month	Change	Dec 2017
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>-</b>	<b>100.0%</b>
Fixed Income	27.1%	27.6%	-0.4%	28.5%
Investment grade	23.4%	23.9%	-0.5%	24.7%
Corporate	9.7%	10.0%	-0.3%	10.7%
Government	3.9%	4.1%	-0.2%	4.3%
Mix	9.9%	9.8%	0.1%	9.7%
High yield	3.7%	3.7%	-	3.8%
Corporate	2.1%	2.2%	-0.1%	2.5%
Emerging markets	0.2%	0.2%	-	0.2%
Mix	1.3%	1.3%	0.1%	1.0%
<b>Equity</b>	<b>70.5%</b>	<b>70.1%</b>	<b>0.3%</b>	<b>69.3%</b>
Canada	27.1%	26.8%	0.3%	27.9%
US	16.0%	17.7%	-1.7%	17.7%
Emerging Markets	2.3%	2.3%	-	1.9%
International	9.7%	10.0%	-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	9.3%	9.3%	-	9.3%
Agriculture	0.2%	0.2%	-	0.2%
Consumer staples	0.1%	0.1%	-	0.1%
Energy	1.0%	1.0%	-	1.0%
Financials	2.2%	2.3%	-0.1%	2.2%
Health care	1.1%	1.0%	-	0.9%
Industrials	0.1%	0.1%	-	0.1%
Utilities & Infrastructure	0.9%	0.8%	0.1%	0.9%
Materials	0.8%	0.8%	-	0.9%
Metals	0.2%	0.2%	-	0.2%
Multiple	0.1%	0.1%	-	0.1%
Real estate	1.5%	1.6%	-	1.7%
Technology	1.2%	1.1%	0.1%	0.9%
<b>Commodities</b>	<b>0.7%</b>	<b>0.7%</b>	<b>-</b>	<b>0.9%</b>
Energy	0.3%	0.3%	-	0.4%
Metals	0.4%	0.4%	-	0.4%
Multi-asset class	1.4%	1.4%	0.1%	1.3%
Currency	0.1%	0.1%	-	0.1%
Volatility	-	-	-	-
<b>of which Inverse/Leveraged</b>	<b>0.6%</b>	<b>0.6%</b>	<b>-</b>	<b>0.7%</b>

\*Source: Strategic Insight

**CETFA Monthly Report (\$ millions)**

as of May 31, 2018

AUM of ETFs by Provider by Asset Category																														
Asset Category	BlackRock Canada	BMO Asset Management	Vanguard Canada	Horizons ETFs	RBC Global Asset Management	First Asset	Invesco PowerShares	Mackenzie	Purpose Investments	PIMCO Canada	AGF QuantShares	WisdomTree	Harvest Portfolios	First Trust Portfolios	Franklin LibertyShares	Desjardins Investments	Manulife Investments	Redwood Asset Management	Hamilton Capital	Evolve Funds	Lysander Funds	Brompton Funds	TD Asset Management	Auspice Capital	Bristol Gate Capital Partners	Equium Capital	Scotia Global Asset Management	Gallieo Funds	Arrow Capital Management	
Management Code	BLK	BMO	VNG	HRZ	RBC	FAF	AIM	MFC	PFC	PMC	AGF	WDT	HPG	FTP	FLS	DJD	MNL	RDW	HMC	EVL	LYS	BRM	TDM	AUS	BRI	EQU	BNS	GAL	ACM	
<b>Total</b>	\$ 69,593	\$ 49,691	\$ 16,144	\$ 9,934	\$ 6,162	\$ 4,233	\$ 3,369	\$ 2,437	\$ 1,899	\$ 636	\$ 546	\$ 535	\$ 529	\$ 416	\$ 363	\$ 351	\$ 291	\$ 221	\$ 213	\$ 205	\$ 108	\$ 84	\$ 78	\$ 19	\$ 10	\$ 9	\$ 8	\$ 5	\$ 5	
<b>Fixed Income</b>	14,386	14,914	4,034	2,046	1,300	1,101	1,477	1,342	821	636	546	535	529	416	363	351	291	221	213	205	108	84	78	19	10	9	8	5	5	
Investment grade	13,031	12,705	4,034	1,831	1,300	1,073	1,315	296	811	39	–	140	–	32	74	65	–	–	–	–	–	–	–	–	–	–	–	–	–	
Corporate	4,868	5,078	1,246	1,819	1,129	557	722	156	54	39	–	–	–	–	31	10	–	–	–	–	–	–	–	–	–	–	–	–	–	
Government	1,810	3,513	12	158	29	161	392	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Mix	6,353	4,114	2,775	355	142	355	211	120	757	–	–	140	–	–	32	43	–	–	–	–	–	–	–	–	–	–	–	–	–	
High yield	1,365	2,209	–	214	–	28	162	1,046	9	596	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Corporate	803	1,950	–	214	–	–	162	6	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Emerging markets	101	258	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Mix	451	1	–	–	–	28	–	1,040	–	596	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
<b>Equity</b>	44,298	33,675	11,687	6,838	3,862	3,124	1,853	1,089	736	–	540	395	529	200	272	286	291	199	213	180	108	84	66	–	–	–	–	–	–	
Canada	20,934	11,071	2,433	3,959	1,275	713	1,166	368	3	–	48	29	–	73	12	68	35	123	–	80	108	–	–	–	–	–	–	–	–	–
US	8,982	10,296	4,968	934	1,031	391	433	216	32	–	177	144	119	88	231	20	153	57	–	–	–	–	–	–	–	–	–	–	–	–
Emerging Markets	1,209	952	904	16	77	–	11	113	–	–	42	3	–	11	13	171	–	6	–	–	–	–	–	–	–	–	–	–	–	–
International	5,819	4,165	2,226	121	1,383	704	34	107	–	–	77	219	–	26	6	27	–	–	–	–	–	–	–	–	–	–	–	–	–	–
North America	239	1	–	28	–	67	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Global	1,144	1,108	943	215	14	337	75	199	1	–	45	–	–	–	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sector	5,910	5,079	173	1,472	81	911	133	–	49	–	151	–	407	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Agriculture	248	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Consumer staples	101	30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	1,017	324	–	88	–	43	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Financials	1,233	1,822	–	88	52	205	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Health care	230	317	–	786	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Industrials	–	104	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Utilities & Infrastructure	154	1,110	–	–	23	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Materials	1,012	–	–	107	–	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	109	110	–	60	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multiple	–	–	–	206	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Real estate	1,338	515	173	–	7	315	–	16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Technology	468	661	–	156	–	312	117	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Commodities	509	–	–	531	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Energy	–	–	–	424	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metals	509	–	–	107	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multi-asset class	1,310	102	423	283	–	8	40	7	206	–	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Currency	–	–	–	125	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Volatility	–	–	–	31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

\*Source: Strategic Insight

Number of ETFs by Provider by Asset Category																													
Asset Category	BlackRock Canada	BMO Asset Management	Vanguard Canada	Horizons ETFs	RBC Global Asset Management	First Asset	Invesco PowerShares	Mackenzie	Purpose Investments	PIMCO Canada	AGF QuantShares	WisdomTree	Harvest Portfolios	First Trust Portfolios	Franklin LibertyShares	Desjardins Investments	Manulife Investments	Redwood Asset Management	Hamilton Capital	Evolve Funds	Lysander Funds	Brompton Funds	TD Asset Management	Auspice Capital	Bristol Gate Capital Partners	Equium Capital	Scotia Global Asset Management	Gallieo Funds	Arrow Capital Management
Management Code	BLK	BMO	VNG	HRZ	RBC	FAF	AIM	MFC	PFC	PMC	AGF	WDT	HPG	FTP	FLS	DJD	MNL	RDW	HMC	EVL	LYS	BRM	TDM	AUS	BRI	EQU	BNS	GAL	ACM
<b>Total</b>	115	91	36	11	42	44	29	28	24	2	9	12	11	20	10	9	6	8	3	15	1	2	6	1	2	1	4	1	1
<b>Fixed Income</b>	28	29	9	11	15	7	9	12	5	2	–	2	–	–	3	4	4	–	1	–	2	–	–	–	–	–	–	–	–
Investment grade	22	24	9	9	15	6	7	7	4	1	–	–	–	–	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–
Corporate	9	8	2	3	10	2	3	2	1	1	–	–	–	–	–	2	1	–	–	–	–	–	–	–	–	–	–	–	–
Government	4	11	2	2	1	2	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	9	5	5	4	4	2	4	3	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
High yield	6	5	–	2	–	1	2	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Corporate	3	3	–	2	–	–	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Emerging markets	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mix	2	1	–	–	–	1	–	4	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<b>Equity</b>	81	61	24	44	27	36	19	15	12	–	7	10	11	16	5	5	6	6	3	13	1	2							

## CETFA Monthly Report (\$ millions)

as of May 31, 2018

AUM by Asset Category				
Asset Category	Current Month	Previous Month	Change	Dec 2017
<b>Total</b>	<b>\$ 156,901</b>	<b>\$ 153,179</b>	<b>2.4%</b>	<b>\$ 147,137</b>
<b>Fixed income</b>	<b>42,574</b>	<b>42,240</b>	<b>0.8%</b>	<b>41,924</b>
Investment grade	36,788	36,647	0.4%	36,405
Corporate	15,215	15,323	-0.7%	15,792
Government	6,098	6,327	-3.6%	6,393
Mix	15,475	14,997	3.2%	14,220
High yield	5,785	5,593	3.4%	5,519
Corporate	3,310	3,316	-0.2%	3,670
Emerging markets	359	313	14.6%	329
Mix	2,117	1,963	7.8%	1,520
<b>Equity</b>	<b>110,539</b>	<b>107,409</b>	<b>2.9%</b>	<b>101,911</b>
Canada	42,517	41,116	3.4%	41,097
US	28,316	27,089	4.5%	26,042
Emerging Markets	3,564	3,539	0.7%	2,736
International	15,267	15,324	-0.4%	13,951
North America	844	813	3.8%	861
Europe	1,225	1,247	-1.8%	178
Global	4,196	4,087	2.7%	3,421
Sector	14,609	14,194	2.9%	13,625
Agriculture	248	245	1.3%	266
Consumer staples	132	132	-0.5%	131
Energy	1,500	1,476	1.6%	1,513
Financials	3,499	3,587	-2.4%	3,295
Health care	1,678	1,575	6.5%	1,333
Industrials	104	95	9.8%	97
Utilities & Infrastructure	1,459	1,300	12.2%	1,393
Materials	1,233	1,222	0.9%	1,279
Metals	279	261	6.9%	288
Multiple	208	206	1.2%	207
Real estate	2,418	2,390	1.2%	2,517
Technology	1,850	1,705	8.5%	1,308
<b>Commodities</b>	<b>1,113</b>	<b>1,130</b>	<b>-1.5%</b>	<b>1,258</b>
Energy	443	462	-4.0%	607
Metals	670	668	0.2%	651
<b>Multi-asset class</b>	<b>2,431</b>	<b>2,144</b>	<b>13.4%</b>	<b>1,856</b>
<b>Currency</b>	<b>213</b>	<b>210</b>	<b>1.7%</b>	<b>133</b>
<b>Volatility</b>	<b>31</b>	<b>46</b>	<b>-31.1%</b>	<b>55</b>

\*Source: Strategic Insight