

CETFA Monthly Report (\$ millions)
as of July 31, 2019

Top 25 ETFs by Net Creations - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2019
1 BMO Long Federal Bond Index ETF	ZFL	BMO	\$ 374	\$ 670
2 BMO Low Volatility Canadian Equity ETF	ZLB	BMO	220	515
3 iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	175	1,298
4 BMO Aggregate Bond Index ETF	ZAG	BMO	142	1,330
5 Mackenzie Emerging Markets Bond Index ETF (CAD-Hedged)	QEBH	MFC	140	140
6 Mackenzie US TIPS Index ETF (CAD-Hedged)	QTIP	MFC	132	276
7 Horizons US 7-10 Year Treasury Bond CAD Hedged ETF	HTH	HRZ	131	212
8 BMO Low Volatility U.S. Equity ETF	ZLU	BMO	108	219
9 Purpose High Interest Savings ETF	PSA	PCF	105	1,246
10 BMO Mid-Term U.S. IG Corporate Bond Index Hedged to CAD ETF	ZMU	BMO	99	732
11 PIMCO Monthly Income (Canada) ETF	PMIF	PMC	89	1,039
12 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	86	1,004
13 CI First Asset Morningstar Canada Momentum Index ETF	WXM	FAF	83	637
14 iShares Canadian Universe Bond Index ETF	XBB	BLK	80	611
15 CI First Asset Global Financial Sector ETF	FSF	FAF	66	230
16 BMO Ultra Short-Term Bond ETF	ZST	BMO	55	895
17 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	53	860
18 BMO Discount Bond Index ETF	ZDB	BMO	51	159
19 Vanguard Balanced ETF Portfolio	VBAL	VNG	51	701
20 Vanguard U.S. Total Market Index ETF	VUN	VNG	48	751
21 iShares Canadian Corporate Bond Index ETF	XCB	BLK	48	(229)
22 AGFIQ Enhanced Core Global Multi-Sector Bond ETF	QGB	AGF	46	205
23 BMO Laddered Preferred Share Index ETF	ZPR	BMO	43	233
24 iShares S&P/TSX Capped Energy Index ETF	XEG	BLK	41	(133)
25 BMO Emerging Markets Bond Hedged to CAD Index ETF	ZEF	BMO	41	11
	Top 25		\$ 2,506	\$ 13,610

*Source: Strategic Insight

Top 25 ETFs by Net Redemptions - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2019
1 iShares S&P/TSX 60 Index ETF	XIU	BLK	\$ (355)	\$ (3,028)
2 iShares Core S&P/TSX Capped Composite Index ETI	XIC	BLK	(315)	574
3 iShares Core Canadian Short Term Corporate + Maple Bond Index ETF	XSH	BLK	(240)	(62)
4 BMO Mid Federal Bond Index ETF	ZFM	BMO	(141)	98
5 Horizons US 7-10 Year Treasury Bond ETF	HTB	HRZ	(135)	63
6 Invesco Long Term Government Bond Index ETF	PGL	AIM	(107)	(22)
7 Vanguard U.S. Total Market Index ETF (CAD-Hedged)	VUS	VNG	(104)	62
8 Horizons S&P/TSX 60 Index ETF	HKT	HRZ	(83)	73
9 BMO S&P 500 Index ETF	ZSP	BMO	(82)	1,487
10 BMO MSCI EAFE Index ETF	ZEI	BMO	(80)	538
11 iShares S&P/TSX Capped Financials Index ETF	XFN	BLK	(65)	(173)
12 iShares Core S&P U.S. Total Market Index ETF	XUU	BLK	(44)	146
13 Purpose Duration Hedged Real Estate Fund	PHR	PCF	(38)	28
14 Purpose Core Dividend Fund	PDF	PCF	(37)	(91)
15 BMO Equal Weight US Banks Index ETF	ZUB	BMO	(37)	(205)
16 BMO S&P 500 Hedged to CAD Index ETF	ZUE	BMO	(35)	659
17 BMO Equal Weight Banks Index ETF	ZEB	BMO	(32)	151
18 BMO U.S. Dividend ETF	ZDY	BMO	(29)	(186)
19 iShares Floating Rate Index ETF	XFR	BLK	(26)	300
20 BMO Mid Corporate Bond Index ETF	ZCM	BMO	(25)	(349)
21 BMO Equal Weight US Banks Hedged to CAD Index ETF	ZUB	BMO	(25)	(98)
22 BMO High Yield US Corporate Bond Index ETF	ZJK	BMO	(24)	(307)
23 CI First Asset Enhanced Short Duration Bond ETF	FSB	FAF	(24)	(13)
24 iShares Premium Money Market ETF	CMR	BLK	(23)	257
25 BMO Short-term US Treasury Bond Index ETF	ZTS	BMO	(22)	16
	Top 25		\$ (2,127)	\$ (82)

*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	\$ 8,173	4.4%
2 BMO S&P 500 Index ETF	ZSP	BMO	6,640	3.0%
3 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	4,902	2.7%
4 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	4,766	2.6%
5 BMO Aggregate Bond Index ETF	ZAG	BMO	4,732	2.6%
6 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	4,103	2.2%
7 iShares Canadian Universe Bond Index ETF	XBB	BLK	3,036	1.7%
8 iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	2,788	1.5%
9 BMO MSCI EAFE Index ETF	ZEI	BMO	2,515	1.4%
10 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	2,411	1.3%
11 Vanguard S&P 500 Index ETF	VFV	VNG	2,394	1.3%
12 iShares Canadian Short Term Bond Index ETF	XSB	BLK	2,115	1.2%
13 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	2,042	1.1%
14 BMO Laddered Preferred Share Index ETF	ZPR	BMO	2,022	1.1%
15 Vanguard U.S. Total Market Index ETF	VUN	VNG	1,994	1.1%
16 Horizons S&P/TSX 60 Index ETF	HKT	HRZ	1,943	1.1%
17 BMO Covered Call Canadian Banks ETF	ZWB	BMO	1,871	1.0%
18 iShares Core S&P 500 Index ETF	XUS	BLK	1,869	1.0%
19 Purpose High Interest Savings ETF	PSA	PCF	1,808	1.0%
20 BMO Low Volatility Canadian Equity ETF	ZLB	BMO	1,769	1.0%
21 BMO S&P 500 Hedged to CAD Index ETF	ZUE	BMO	1,736	0.9%
22 iShares Canadian Corporate Bond Index ETF	XCB	BLK	1,619	0.9%
23 iShares Core S&P U.S. Total Market Index ETF	XUU	BLK	1,480	0.8%
24 Horizons Active Preferred Share ETF	HPR	HRZ	1,441	0.8%
25 BMO Short Corporate Bond Index ETF	ZCS	BMO	1,399	0.8%
	Top 25		\$ 71,567	39.0%

*Source: Strategic Insight

Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2019	% of Total
BMO Asset Management	BMO	\$ 865	\$ 511	69.2%	\$ 4,731	37.3%
Vanguard Canada	VNG	405	379	6.8%	3,288	25.9%
Mackenzie	MFC	342	(1)	-	657	5.2%
CI First Asset	FAF	207	164	26.3%	1,645	13.0%
PIMCO Canada	PMC	105	47	121.8%	613	4.8%
AGFIQ	AGF	87	(4)	-	172	1.4%
Franklin LibertyShares	FLS	46	20	130.9%	820	6.5%
Desjardins Investments	DJD	36	52	-29.7%	158	1.2%
Purpose Investments	PCF	27	6	316.7%	285	2.2%
National Bank	NBC	25	14	82.9%	120	0.9%
CIBC Asset Management	CIB	23	21	9.6%	182	1.4%
WisdomTree	WDT	21	(8)	-	111	0.9%
Brompton Funds	BRM	16	(5)	-	84	0.7%
TD Asset Management	TDM	15	17	-10.0%	73	0.6%
Fidelity	FID	13	108	-88.1%	419	3.3%
Evolve Funds	EVL	7	(4)	-	90	0.7%
Harvest Portfolios	HPG	6	10	-39.0%	123	1.0%
Picton Mahoney Asset Management	PMF	5	-	-	5	-
Bristol Gate Capital Partners	BRI	4	4	8.1%	24	0.2%
Hamilton Capital	HMC	4	4	2.7%	7	0.1%
IA Clarington	IAC	2	9	-77.2%	19	0.1%
Lysander Funds	LYS	2	-	-	7	0.1%
Scotia Global Asset Management	BNS	-	-	-	-	-
Starlight Investments	STR	-	-	-	-	-
SmartBe Wealth	SMB	-	11	-	24	0.2%
First Block Capital	FCB	-	-	-	-	-
Accelerate Financial	ACL	-	-	-	-	-
Auspice Capital	AUS	-	-	-	(25)	-0.2%
Middlefield	MFD	(2)	71	-	223	1.8%
Manulife Investment Management	MNL	(3)	(3)	-	(8)	-0.1%
Coin Capital	CCI	(5)	-	-	(5)	-
Arrow Capital Management	ACM	(6)	4	-	8	0.1%
Galileo Funds	GAL	(6)	-	-	(6)	-0.1%
RBC Global Asset Management	RBC	(20)	35	-	(993)	-7.8%
First Trust Portfolios Canada	FTP	(30)	2	-	(99)	-0.5%
Horizons ETFs	HRZ	(31)	97	-	(3)	-
Invesco ETFs	AIM	(44)	36	-	(94)	-0.7%
BlackRock Canada	BLK	(457)	(1,366)	-	(5)	-
	Total	\$ 1,660	\$ 230		\$ 12,681	

*Source: Strategic Insight

AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2018
BlackRock Canada	BLK	122	\$ 62,535	\$ 62,745	-0.3%	\$ 57,052
BMO Asset Management	BMO	101	57,549	56,172	2.5%	48,644
Vanguard Canada	VNG	39	22,045	21,725	1.5%	16,970
Horizons ETFs	HRZ	90	10,271	10,341	-0.7%	9,476
CI First Asset	FAF	43	6,615	6,348	4.2%	4,428
Invesco ETFs	AIM	30	4,092	4,126	-0.8%	3,865
Mackenzie	MFC	29	3,805	3,455	10.1%	2,949
RBC Global Asset Management	RBC	37	3,796	3,815	-0.5%	4,606
Purpose Investments	PCF	36	3,516	3,487	0.8%	3,085
Franklin LibertyShares	FLS	16	1,637	1,578	3.8%	723
PIMCO Canada	PMC	4	1,488	1,384	7.5%	637
AGFIQ	AGF	10	971	881	10.2%	714
WisdomTree	WDT	15	911	897	1.5%	719
Harvest Portfolios	HPG	12	693	687	0.9%	553
Fidelity	FID	15	649	631	2.9%	171
Desjardins Investments	DJD	18	513	480	6.6%	346
Evolve Funds	EVL	16	469	458	2.3%	353
First Trust Portfolios Canada	FTP	20	327	352	-7.0%	348
Manulife Investment Management	MNL	7	303	303	-	282
Hamilton Capital	HMC	5	239	231	3.3%	206
TD Asset Management	TDM	12	228	211	7.9%	148
Middlefield	MFD	4	228	229	-0.3%	-
Brompton Funds	BRM	6	224	205	9.3%	118
CIBC Asset Management	CIB	4	185	161	14.8%	-
National Bank	NBC	4	120	95	25.9%	-
Lysander Funds	LYS	1	100	98	2.8%	98
Bristol Gate Capital Partners	BRI	2	51	49	5.3%	24
IA Clarington	IAC	3	52	30	7.1%	13
SmartBe Wealth	SMB	1	23	23	-0.4%	-
Arrow Capital Management	ACM	2	15	21	-29.4%	7
Auspice Capital	AUS	1	10	9	11.2%	21
Scotia Global Asset Management	BNS	4	8	8	4.5%	7
Starlight Investments	STR	2	7	7	0.7%	6
Picton Mahoney Asset Management	PMF	4	5	5	-	-
Accelerate Financial	ACL	3	3	3	2.8%	-
First Block Capital	FCB	1	1	1	2.3%	1
Coin Capital	CCI	2	1	6	-83.2%	5
Galileo Funds	GAL	-	-	6	-	5
	Total	721	\$ 183,666	\$ 181,258	1.3%	\$ 156,788

*Source: Strategic Insight

Market Share by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	Dec 2018
BlackRock Canada	BLK	34.0%	34.6%	-0.6%	36.4%
BMO Asset Management	BMO	31.3%	31.0%	0.3%	31.0%
Vanguard Canada	VNG	12.0%	12.0%	-	10.8%
Horizons ETFs	HRZ	5.6%	5.7%	-0.1%	6.0%
CI First Asset	FAF	3.6%	3.5%	0.1%	2.8%
Invesco ETFs	AIM	2.2%	2.3%	-	2.5%
Mackenzie	MFC	2.1%	1.9%	0.2%	1.9%
RBC Global Asset Management	RBC	2.1%	2.1%	-	2.9%
Purpose Investments	PCF	1.9%	1.9%	-	2.0%
Franklin LibertyShares	FLS	0.9%	0.9%	-	0.5%
PIMCO Canada	PMC	0.8%	0.8%	-	0.5%
AGFIQ	AGF	0.5%	0.5%	-	0.5%
WisdomTree	WDT	0.5%	0.5%	-	0.5%
Harvest Portfolios	HPG	0.4%	0.4%	-	0.4%
Fidelity	FID	0.4%	0.3%	-	0.1%
Desjardins Investments	DJD	0.3%	0.3%	-	0.2%
Evolve Funds	EVL	0.3%	0.3%	-	0.2%
First Trust Portfolios Canada	FTP	0.2%	0.2%	-	0.2%
Manulife Investment Management	MNL	0.2%	0.2%	-	0.2%
Hamilton Capital	HMC	0.1%	0.1%	-	0.1%
TD Asset Management	TDM	0.1%	0.1%	-	0.1%
Middlefield	MFD	0.1%	0.1%	-	-
Brompton Funds	BRM	0.1%	0.1%	-	0.1%
CIBC Asset Management	CIB	0.1%	0.1%	-	-
National Bank	NBC	0.1%	0.1%	-	-
Lysander Funds	LYS	0.1%	0.1%	-	0.1%
Bristol Gate Capital Partners	BRI	-	-	-	-
IA Clarington	IAC	-	-	-	-
SmartBe Wealth	SMB	-	-	-	-
Arrow Capital Management	ACM	-	-	-	-
Auspice Capital	AUS	-	-	-	-
Scotia Global Asset Management	BNS	-	-	-	-
Starlight Investments	STR	-	-	-	-
Picton Mahoney Asset Management	PMF	-	-	-	-
Accelerate Financial	ACL	-	-	-	-
First Block Capital	FCB	-	-	-	-
Coin Capital	CCI	-	-	-	-
Galileo Funds	GAL	-	-	-	-

*Source: Strategic Insight

CETFA Monthly Report (\$ millions)
as of July 31, 2019

New ETFs Launched in 2019 - Top Funds by AUM

ETF Name	Ticker	Management Code	AUM	% of Total
1 Franklin FTSE U.S. Index ETF	FLAM	FLS	\$ 289	0.2%
2 Franklin FTSE Canada All Cap Index ETF	FLCD	FLS	271	0.1%
3 Mackenzie Emerging Markets Bond Index ETF (CAD-Hedged)	QEBH	MFC	140	0.1%
4 Vanguard All-Equity ETF Portfolio	VEQT	VNG	130	0.1%
5 Franklin FTSE Europe ex U.K. Index ETF	FLUR	FLS	127	0.1%
6 PIMCO Global Short Maturity Fund (Canada)	PMNT	PMC	111	0.1%
7 Fidelity U.S. High Quality Index ETF	FCUQ	FID	104	0.1%
8 Desjardins All Long/Short Equity Market Neutral ETF	DANC	DJD	104	0.1%
9 Middlefield REIT INDEXPLUS ETF	IDR	MFD	89	-
10 CIBC Active Investment Grade Corporate Bond ETF	CACB	CIB	86	-
11 BMO NASDAQ 100 Equity Index ETF	ZNG	BMO	72	-
12 RBC Canadian Discount Bond ETF	RCDB	RBC	72	-
13 BMO Ultra Short-Term US Bond ETF	ZUS U	BMO	70	-
14 Middlefield Healthcare & Life Sciences ETF	MFD	MFD	70	-
15 Vanguard Conservative Income ETF Portfolio	VCIP	VNG	68	-
16 Middlefield Health & Wellness ETF	HWF	MFD	57	-
17 Fidelity U.S. Low Volatility Index ETF	FCUL	FID	55	-
18 Franklin FTSE Japan Index ETF	FLJA	FLS	49	-
19 CI First Asset High Interest Savings ETF	CSAV	FAF	48	-
20 BMO Tactical Dividend ETF Fund	ZZZD	BMO	43	-
21 NBI Active Canadian Preferred Shares ETF	NPRF	NBC	40	-
22 CIBC Multifactor U.S. Equity ETF	CMUE	CIB	39	-
23 Horizons Equal Weight Canada REIT Index ETF	HCRE	HRZ	38	-
24 CIBC Multifactor Canadian Equity ETF	CMCE	CIB	38	-
25 NBI Global Real Assets Income ETF	NREA	NBC	38	-
			\$ 2,245	1.2%

*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 Mackenzie Emerging Markets Bond Index ETF (CAD-Hedged)	QEBH	MFC	\$ 140	8.4%
2 CI First Asset High Interest Savings ETF	CSAV	FAF	38	2.3%
3 Vanguard All-Equity ETF Portfolio	VEQT	VNG	31	1.9%
4 RBC Canadian Discount Bond ETF	RCDB	RBC	27	1.6%
5 NBI Canadian Family Business ETF	NFAM	NBC	20	1.2%
6 Desjardins All Long/Short Equity Market Neutral ETF	DANC	DJD	16	1.0%
7 Franklin Liberty Core Plus Bond ETF	FLCP	FLS	16	1.0%
8 PIMCO Global Short Maturity Fund (Canada)	PMNT	PMC	15	0.9%
9 CIBC Active Investment Grade Corporate Bond ETF	CACB	CIB	12	0.7%
10 Vanguard Conservative Income ETF Portfolio	ZCIP	VNG	12	0.7%
11 BMO Ultra Short-Term US Bond ETF	ZUS U	BMO	7	0.4%
12 BMO Growth ETF	ZGRO	BMO	6	0.4%
13 CIBC Multifactor Canadian Equity ETF	CMCE	CIB	5	0.3%
14 Fidelity Sustainable World ETF	FCSW	FID	5	0.3%
15 TD Global Technology Leaders Index ETF	TEC	TDM	5	0.3%
16 CIBC Active Investment Grade Floating Rate Bond ETF	CAFR	CIB	4	0.2%
17 BMO Balanced ETF	ZBAL	BMO	3	0.2%
18 BMO Conservative ETF	ZCON	BMO	3	0.2%
19 Evolve Global Materials & Mining Enhanced Yield Index ETF	BASE	EVL	3	0.2%
20 Franklin FTSE U.S. Index ETF	FLAM	FLS	2	0.1%
21 CIBC Multifactor U.S. Equity ETF	CMUE	CIB	2	0.1%
22 Middlefield REIT INDEXPLUS ETF	IDR	MFD	2	0.1%
23 NBI Liquid Alternatives ETF	NALT	NBC	2	0.1%
24 Franklin FTSE Japan Index ETF	FLJA	FLS	2	0.1%
25 PIMCO Low Duration Monthly Income Fund (Canada)	FLDI	PMC	2	0.1%
			\$ 380	22.9%

*Source: Strategic Insight

Net Creations by Asset Category

Asset Category	Current Month	Previous Month	Change	YTD 2019	% of Total
Total	\$ 1,660	\$ 230	\$ 1,430	\$ 12,681	100.0%
Fixed Income	1,416	942	50.3%	7,558	59.6%
Investment grade	1,117	977	14.4%	7,612	60.0%
Corporate	42	(14)	-	732	5.8%
Government	212	328	-35.6%	1,833	14.5%
Mix	864	663	30.4%	5,047	39.8%
High yield	299	(35)	-	(54)	-0.4%
Corporate	(23)	(12)	-	(754)	-5.9%
Emerging markets	182	(26)	-	110	0.9%
Mix	141	3	-	590	4.7%
Equity	14	(850)	-	3,831	30.2%
Canada	(273)	(1,322)	-	382	3.0%
US	7	174	-96.2%	2,178	17.2%
Emerging Markets	83	(13)	-	493	3.9%
International	137	16	771.4%	87	0.7%
North America	(32)	2	-	(32)	-0.3%
Europe	22	(7)	-	97	0.8%
Global	198	125	58.4%	769	6.1%
Sector	(127)	175	-	(142)	-1.1%
Agriculture	(6)	-	-	(23)	-0.2%
Consumer staples	2	-	-	10	0.1%
Energy	23	72	-68.3%	(226)	-1.8%
Financials	(132)	13	-	(540)	-4.3%
Health care	(7)	99	-	267	2.1%
Industrials	-	-	-	(24)	-0.2%
Utilities & Infrastructure	6	34	-83.1%	89	0.7%
Materials	10	(113)	-	(201)	-1.6%
Metals	(1)	8	-	11	0.1%
Multiple	2	12	-80.8%	78	0.6%
Real estate	(10)	35	-	344	2.7%
Technology	(13)	16	-	72	0.6%
Commodities	63	45	17.7%	10	0.1%
Energy	33	9	262.1%	(59)	-0.5%
Metals	20	36	-44.7%	69	0.5%
Multi-asset class	153	140	9.8%	1,187	9.4%
Currency	17	(49)	-	79	0.6%
Volatility	6	1	287.9%	17	0.1%
<i>of which inverse/leveraged</i>	<i>\$ 19</i>	<i>\$ 32</i>	<i>-40.0%</i>	<i>\$ (33)</i>	<i>-0.3%</i>

*Source: Strategic Insight

Market Share by Asset Category

Asset Category	Current Month	Previous Month	Change	Dec 2018
Total	100.0%	100.0%	-	100.0%
Fixed Income	30.5%	30.1%	0.4%	28.8%
Investment grade	26.9%	26.6%	0.3%	25.6%
Corporate	9.3%	9.4%	-0.1%	10.1%
Government	4.7%	4.7%	-	4.2%
Mix	12.8%	12.5%	0.3%	11.4%
High yield	3.6%	3.5%	0.1%	4.2%
Corporate	1.5%	1.5%	-	2.3%
Emerging markets	0.3%	0.2%	0.1%	0.2%
Mix	1.9%	1.8%	-	1.7%
Equity	66.3%	66.8%	-0.5%	67.5%
Canada	24.0%	24.3%	-0.3%	25.3%
US	19.3%	19.2%	0.1%	18.5%
Emerging Markets	2.1%	2.1%	-	2.1%
International	8.4%	8.5%	-0.1%	9.1%
North America	0.5%	0.5%	-	0.5%
Europe	0.7%	0.7%	-	0.8%
Global	2.9%	2.9%	-	2.6%
Sector	8.4%	8.6%	-0.1%	8.7%
Agriculture	0.1%	0.1%	-	0.1%
Consumer staples	0.1%	0.1%	-	0.1%
Energy	0.5%	0.5%	-	0.7%
Financials	1.6%	1.6%	-0.1%	2.0%
Health care	1.2%	1.3%	-0.1%	1.1%
Industrials	-	-	-	-
Utilities & Infrastructure	1.0%	1.0%	-	1.0%
Materials	0.7%	0.7%	-	0.8%
Metals	0.1%	0.1%	-	0.1%
Multiple	0.2%	0.2%	-	0.1%
Real estate	1.7%	1.7%	-	1.5%
Technology	1.2%	1.2%	-	1.1%
Commodities	0.7%	0.6%	0.1%	0.7%
Energy	0.2%	0.2%	-	0.3%
Metals	0.4%	0.4%	-	0.4%
Multi-asset class	2.3%	2.3%	0.1%	1.8%
Currency	0.1%	0.1%	-	0.1%
Volatility	0.5%	0.5%	-	0.6%
<i>of which inverse/leveraged</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>

*Source: Strategic Insight

CETFA Monthly Report (\$ millions)

as of July 31, 2019

AUM by Asset Category				
Asset Category	Current Month	Previous Month	Change	Dec 2018
Total	\$ 183,666	\$ 181,258	1.3%	\$ 156,788
Fixed income	55,983	54,524	2.7%	46,729
Investment grade	49,336	48,193	2.4%	40,098
Corporate	17,110	17,017	0.5%	15,794
Government	8,650	8,447	2.4%	6,507
Mix	23,576	22,729	3.7%	17,797
High yield	6,647	6,331	5.0%	6,631
Corporate	2,718	2,719	-	3,579
Emerging markets	493	312	58.3%	364
Mix	3,436	3,300	4.1%	2,688
Equity	121,858	121,162	0.6%	105,906
Canada	44,170	44,136	0.1%	39,617
US	35,479	34,777	2.0%	28,939
Emerging Markets	3,826	3,845	-0.5%	3,239
International	15,473	15,474	-	14,303
North America	858	882	-2.7%	824
Europe	1,317	1,338	-1.6%	1,199
Global	5,301	5,209	1.8%	4,069
Sector	15,434	15,501	-0.4%	13,715
Agriculture	240	241	-0.2%	222
Consumer staples	151	146	3.6%	124
Energy	936	951	-1.6%	1,155
Financials	2,926	2,985	-2.0%	3,078
Health care	2,173	2,292	-5.2%	1,773
Industrials	50	49	0.8%	65
Utilities & Infrastructure	1,872	1,877	-0.3%	1,571
Materials	1,279	1,231	3.9%	1,238
Metals	275	271	1.5%	227
Multiple	314	312	0.6%	207
Real estate	3,077	3,042	1.2%	2,384
Technology	2,141	2,105	1.7%	1,671
Commodities	1,243	1,171	6.2%	1,078
Energy	435	403	7.7%	400
Metals	808	767	5.3%	677
Multi-asset class	4,287	4,129	3.8%	2,866
Currency	275	258	6.6%	200
Volatility	20	15	34.0%	10

*Source: Strategic Insight