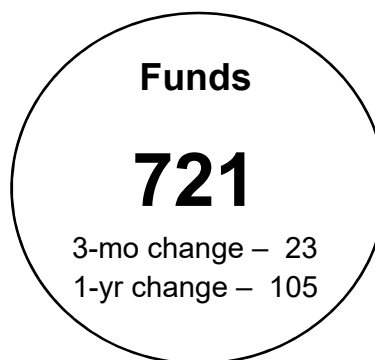
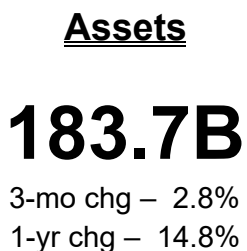
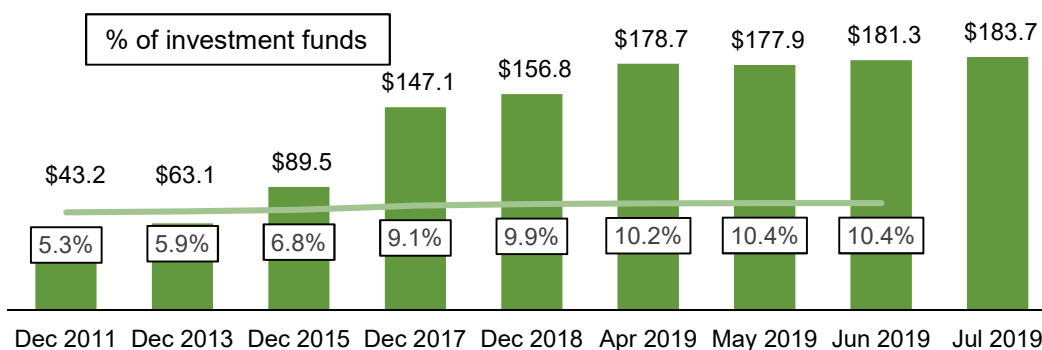


CETFA Monthly Report (\$ Billions)

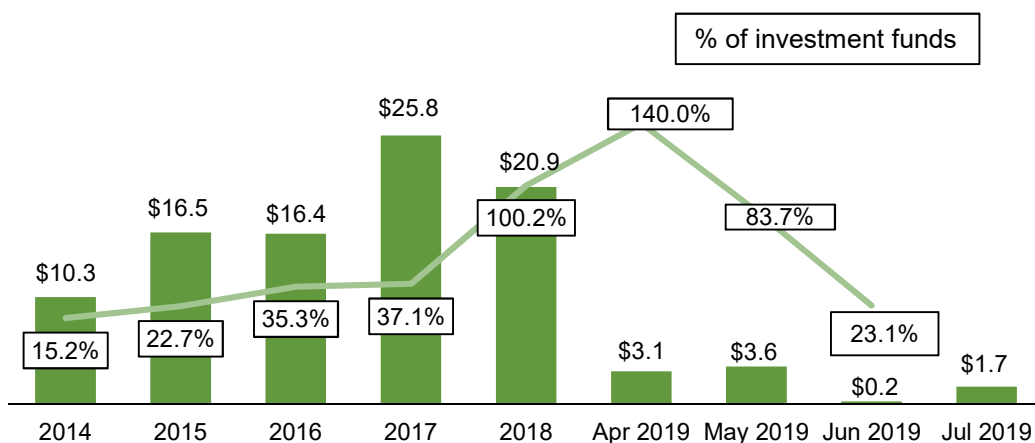
as of July 31, 2019



Assets



Net creations



*Source: Strategic Insight

CETFA Monthly Report (\$ Millions)

as of July 31, 2019

AUM by ETF Provider

Sponsor	# of ETFs	Assets	1-yr growth	Net creations			
				1 mo.	3 mo.	YTD	1 yr.
Total*	721	\$ 183,666	14.8%	\$ 1,660	\$ 5,473	\$ 12,681	\$ 22,141
BlackRock Canada	122	62,535	4.8%	(457)	(276)	(5)	2,450
BMO Asset Management	101	57,549	15.4%	865	2,157	4,731	7,076
Vanguard Canada	39	22,045	29.6%	405	1,456	3,288	4,541
Horizons ETFs	90	10,271	-0.2%	(31)	(9)	(3)	107
CI First Asset	43	6,615	49.5%	207	809	1,645	1,995
Invesco ETFs	30	4,092	16.9%	(44)	8	(94)	527
Mackenzie	29	3,805	36.8%	342	356	657	1,001
RBC Global Asset Management	37	3,796	-26.8%	(20)	15	(993)	(1,169)
Purpose Investments	36	3,516	57.1%	27	115	285	1,268
Franklin LibertyShares	16	1,637	229.1%	46	(79)	820	1,060
PIMCO Canada	4	1,488	109.5%	105	286	613	749
AGFIQ	10	971	34.5%	87	82	172	214
WisdomTree	15	911	40.4%	21	22	111	267
Harvest Portfolios	12	693	21.3%	6	31	123	164
Fidelity	15	649	-	13	122	419	622
Desjardins Investments	18	513	48.1%	36	94	158	180
Evolve Funds	16	469	100.7%	7	14	90	276
First Trust Portfolios Canada	20	327	-20.7%	(30)	(47)	(59)	(87)
Manulife Investment Management	7	303	0.5%	(3)	(3)	(8)	(6)
Hamilton Capital	5	239	-5.1%	4	(5)	7	21
TD Asset Management	12	228	186.1%	15	64	73	147
Middlefield	4	228	-	(2)	69	223	223
Brompton Funds	6	224	162.3%	16	11	84	128
CIBC Asset Management	4	185	-	23	74	182	182
National Bank	4	120	-	-	66	120	120
Lysander Funds	1	100	-12.3%	2	1	7	7
Bristol Gate Capital Partners	2	51	204.3%	4	13	24	33
IA Clarington	3	32	-	2	14	19	32
SmartBe Wealth	1	23	-	-	19	24	24
Arrow Capital Management	2	15	126.7%	(6)	(3)	8	8
Auspice Capital	1	10	-54.1%	-	-	(25)	(17)
Scotia Global Asset Management	4	8	6.5%	-	(0)	-	-
Starlight Investments	2	7	-	-	-	-	6
Picton Mahoney Asset Management	4	5	-	5	5	5	5
Accelerate Financial	3	3	-	-	3	3	3
First Block Capital	1	1	-	-	-	-	1
Coin Capital	2	1	-	(5)	(5)	(5)	1
Galileo Funds	0	-	-100.0%	(6)	(6)	(6)	(6)

*Total net creations include terminated sponsors.

**Source: Strategic Insight

Market Share by Asset Category

Asset Category	Current Month	Previous Month
Total	100.0%	100.0%
Fixed income	30.5%	30.1%
Investment grade	26.9%	26.6%
Corporate	9.3%	9.4%
Government	4.7%	4.7%
Mix	12.8%	12.5%
High yield	3.6%	3.5%
Corporate	1.5%	1.5%
Emerging markets	0.3%	0.2%
Mix	1.9%	1.8%
Equity	66.3%	66.8%
Canada	24.0%	24.3%
US	19.3%	19.2%
Emerging Markets	2.1%	2.1%
International	8.4%	8.5%
North America	0.5%	0.5%
Europe	0.7%	0.7%
Global	2.9%	2.9%
Sector	8.4%	8.6%
Agriculture	0.1%	0.1%
Consumer staples	0.1%	0.1%
Energy	0.5%	0.5%
Financials	1.6%	1.6%
Health care	1.2%	1.3%
Industrials	-	-
Utilities & Infrastructure	1.0%	1.0%
Materials	0.7%	0.7%
Metals	0.1%	0.1%
Multiple	0.2%	0.2%
Real estate	1.7%	1.7%
Technology	1.2%	1.2%
Commodities	0.7%	0.6%
Energy	0.2%	0.2%
Metals	0.4%	0.4%
Multi-asset class	2.3%	2.3%
Currency	0.1%	0.1%
Volatility	-	-

*Source: Strategic Insight

Top 20 Largest ETFs – Current Month

ETF Name	Ticker	Assets	Asset class
iShares S&P/TSX 60 Index ETF	XIU	\$ 8,173	Equity – Canadian
BMO S&P 500 Index ETF	ZSP	6,640	Equity – US
iShares Core S&P/TSX Capped Composite Index ETF	XIC	4,902	Equity – Canadian
iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	4,766	Equity – US
BMO Aggregate Bond Index ETF	ZAG	4,732	FI – Investment grade
BMO S&P/TSX Capped Composite Index ETF	ZCN	4,103	Equity – Canadian
iShares Canadian Universe Bond Index ETF	XBB	3,036	FI – Investment grade
iShares Core MSCI EAFE IMI Index ETF	XEF	2,788	Equity – International
BMO MSCI EAFE Index ETF	ZEA	2,515	Equity – International
Vanguard Canadian Aggregate Bond Index ETF	VAB	2,411	FI – Investment grade
Vanguard S&P 500 Index ETF	VFV	2,394	Equity – US
iShares Canadian Short Term Bond Index ETF	XSB	2,115	FI – Investment grade
Vanguard FTSE Canada All Cap Index ETF	VCN	2,042	Equity – Canadian
BMO Laddered Preferred Share Index ETF	ZPR	2,022	Equity – Canadian
Vanguard U.S. Total Market Index ETF	VUN	1,994	Equity – US
Horizons S&P/TSX 60 Index ETF	HXT	1,943	Equity – Canadian
BMO Covered Call Canadian Banks ETF	ZWB	1,871	Equity – Canadian
iShares Core S&P 500 Index ETF	XUS	1,869	Equity – US
Purpose High Interest Savings ETF	PSA	1,808	FI – Investment grade
BMO Low Volatility Canadian Equity ETF	ZLB	1,769	Equity – Canadian

*Source: Strategic Insight

Top 20 ETFs by Net Creations - Current Month

ETF Name	Ticker	Net creations	Asset class
BMO Long Federal Bond Index ETF	ZFL	\$ 374	FI – Investment grade
BMO Low Volatility Canadian Equity ETF	ZLB	220	Equity – Canadian
iShares Core MSCI EAFE IMI Index ETF	XEF	175	Equity – International
BMO Aggregate Bond Index ETF	ZAG	142	FI – Investment grade
Mackenzie Emerging Markets Bond Index ETF (CAD-Hedged)	QEBH	140	FI – High yield
Mackenzie US TIPS Index ETF (CAD-Hedged)	QTIP	132	FI – Investment grade
Horizons US 7-10 Year Treasury Bond CAD Hedged ETF	HTH	131	FI – Investment grade
BMO Low Volatility U.S. Equity ETF	ZLU	108	Equity – US
Purpose High Interest Savings ETF	PSA	105	FI – Investment grade
BMO Mid-Term U.S. IG Corporate Bond Index Hedged to CAD ETF	ZMU	99	FI – Investment grade
PIMCO Monthly Income (Canada) ETF	PMIF	89	FI – High yield
Vanguard Canadian Aggregate Bond Index ETF	VAB	86	FI – Investment grade
CI First Asset Morningstar Canada Momentum Index ETF	WXM	83	Equity – Canadian
iShares Canadian Universe Bond Index ETF	XBB	80	FI – Investment grade
CI First Asset Global Financial Sector ETF	FSF	66	Equity – Global
BMO Ultra Short-Term Bond ETF	ZST	55	FI – Investment grade
Vanguard FTSE Canada All Cap Index ETF	VCN	53	Equity – Canadian
BMO Discount Bond Index ETF	ZDB	51	FI – Investment grade
Vanguard Balanced ETF Portfolio	VBAL	51	Multi-asset class –
Vanguard U.S. Total Market Index ETF	VUN	48	Equity – US

*Source: Strategic Insight