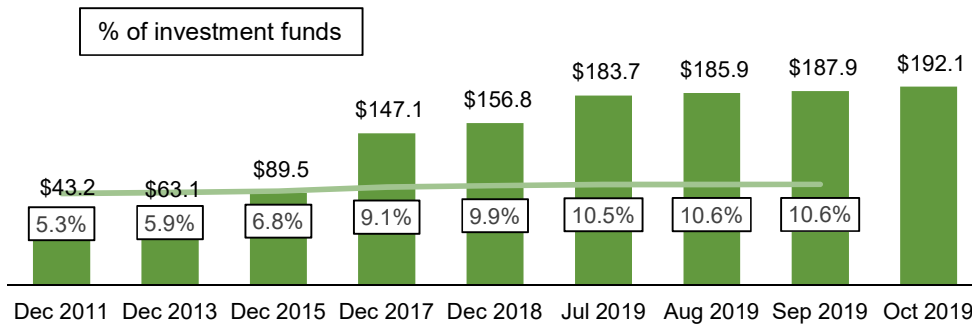


CETFA Monthly Report (\$ Billions)

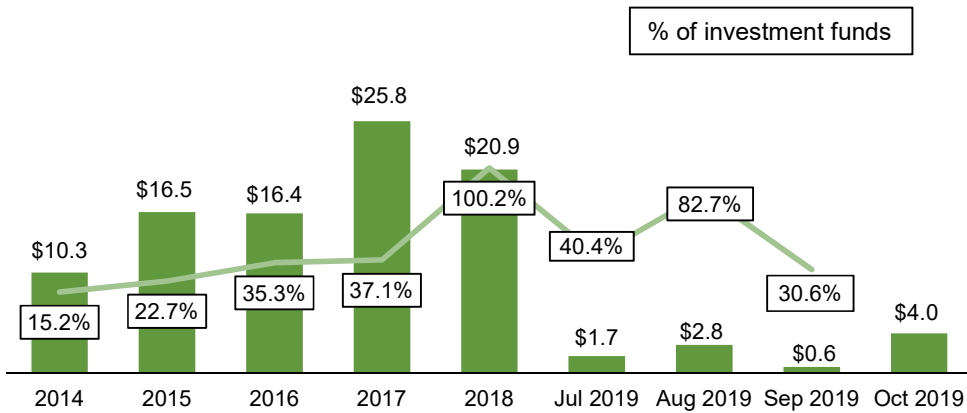
as of October 31, 2019



Assets



Net creations



*Source: Investor Economics

CETFA Monthly Report (\$ Millions)

as of October 31, 2019

AUM by ETF Provider

Sponsor	# of ETFs	Assets	1-yr growth	Net creations			
				1 mo.	3 mo.	YTD	1 yr.
Total*	741	\$ 192,112	21.9%	\$ 4,004	\$ 7,431	\$ 20,127	\$ 24,322
BlackRock Canada	130	64,358	14.4%	1,220	1,153	1,147	3,477
BMO Asset Management	101	60,129	21.8%	865	2,540	7,271	8,142
Vanguard Canada	39	23,413	36.2%	480	1,033	4,322	4,686
Horizons ETFs	91	9,830	-0.1%	(4)	(229)	(232)	(30)
CI First Asset	44	7,890	71.8%	455	1,187	2,832	2,790
Invesco ETFs	30	4,168	5.3%	(24)	15	(79)	(90)
Mackenzie	30	4,148	39.3%	100	346	1,003	1,036
Purpose Investments	34	3,896	34.4%	204	382	666	930
RBC Global Asset Management	37	3,756	-23.0%	76	(43)	(1,036)	(1,133)
Franklin LibertyShares	16	1,700	153.2%	45	40	861	916
PIMCO Canada	4	1,687	118.3%	51	208	821	889
AGFIC	12	1,131	55.0%	161	145	318	315
WisdomTree	15	952	21.3%	12	32	143	118
Fidelity	20	868	493.2%	133	208	627	681
Harvest Portfolios	11	707	25.3%	3	10	133	151
Desjardins Investments	18	584	61.9%	42	85	242	227
Evolve Funds	17	471	39.5%	13	20	111	178
First Trust Portfolios Canada	21	324	-25.7%	32	2	(58)	(126)
CIBC Asset Management	4	317	-	64	131	313	313
Manulife Investment Management	7	316	11.1%	(5)	6	(2)	-
TD Asset Management	12	265	229.7%	23	36	109	179
Middlefield	4	241	-	(2)	9	232	232
Hamilton Capital	5	240	1.8%	5	3	10	8
Brompton Funds	6	233	171.2%	(1)	10	94	134
National Bank	5	149	-	16	32	152	152
Lysander Funds	1	88	-21.1%	(3)	(8)	(2)	(5)
Bristol Gate Capital Partners	2	64	200.1%	7	12	35	39
Picton Mahoney Asset Management	4	63	-	26	59	64	64
IA Clarington	3	45	-	2	13	32	42
SmartBe Wealth	1	31	-	4	5	29	29
Arrow Capital Management	2	15	179.7%	1	1	8	10
Starlight Investments	2	8	42.8%	1	1	1	2
Scotia Global Asset Management	4	8	9.3%	-	-	-	-
Emerge Canada	5	8	-	-	-	8	8
Auspice Capital	1	4	-68.6%	-	(6)	(31)	(22)
Accelerate Financial	3	3	-	-	-	3	3

*Total net creations include terminated sponsors.

**Source: Investor Economics

Market Share by Asset Category

Asset Category	Current Month	Previous Month
Total	100.0%	100.0%
Fixed income	30.9%	30.7%
Investment grade	27.3%	27.0%
Corporate	9.0%	9.1%
Government	4.5%	4.7%
Mix	13.7%	13.3%
High yield	3.6%	3.7%
Corporate	1.4%	1.4%
Emerging markets	0.4%	0.3%
Mix	1.9%	1.9%
Equity	65.8%	65.9%
Canada	23.3%	23.6%
US	19.5%	19.4%
Emerging Markets	2.1%	2.0%
International	8.8%	8.6%
North America	0.4%	0.4%
Europe	0.7%	0.7%
Global	2.9%	2.9%
Sector	8.2%	8.3%
Agriculture	0.1%	0.1%
Consumer staples	0.1%	0.1%
Energy	0.5%	0.5%
Financials	1.5%	1.5%
Health care	1.0%	1.0%
Industrials	-	-
Utilities & Infrastructure	1.1%	1.1%
Materials	0.7%	0.7%
Metals	0.2%	0.2%
Multiple	0.2%	0.2%
Real estate	1.7%	1.8%
Technology	1.1%	1.1%
Commodities	0.7%	0.7%
Energy	0.2%	0.2%
Metals	0.5%	0.5%
Multi-asset class	2.5%	2.4%
Currency	0.2%	0.3%
Volatility	-	-

*Source: Investor Economics

Top 20 Largest ETFs – Current Month

ETF Name	Ticker	Assets	Asset class
BMO S&P 500 Index ETF	ZSP	\$ 8,296	Equity – US
iShares S&P/TSX 60 Index ETF	XIU	8,252	Equity – Canadian
iShares Core S&P/TSX Capped Composite Index ETF	XIC	5,289	Equity – Canadian
BMO Aggregate Bond Index ETF	ZAG	5,007	FI – Investment grade
iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	4,762	Equity – US
BMO S&P/TSX Capped Composite Index ETF	ZCN	4,007	Equity – Canadian
iShares Canadian Universe Bond Index ETF	XBB	3,342	FI – Investment grade
iShares Core MSCI EAFE IMI Index ETF	XEF	3,277	Equity – International
BMO MSCI EAFE Index ETF	ZEA	2,757	Equity – International
Vanguard Canadian Aggregate Bond Index ETF	VAB	2,563	FI – Investment grade
Vanguard S&P 500 Index ETF	VFV	2,494	Equity – US
Purpose High Interest Savings ETF	PSA	2,303	FI – Investment grade
iShares Canadian Short Term Bond Index ETF	XSB	2,160	FI – Investment grade
BMO Low Volatility Canadian Equity ETF	ZLB	2,150	Equity – Canadian
Vanguard FTSE Canada All Cap Index ETF	VCN	2,088	Equity – Canadian
Vanguard U.S. Total Market Index ETF	VUN	2,084	Equity – US
Horizons S&P/TSX 60 Index ETF	HXT	2,061	Equity – Canadian
BMO Laddered Preferred Share Index ETF	ZPR	1,961	Equity – Canadian
iShares Core S&P 500 Index ETF	XUS	1,931	Equity – US
BMO Covered Call Canadian Banks ETF	ZWB	1,870	Equity – Canadian

*Source: Investor Economics

Top 20 ETFs by Net Creations - Current Month

ETF Name	Ticker	Net creations	Asset class
CI First Asset High Interest Savings ETF	CSAV	\$ 415	FI – Investment grade
iShares Core S&P/TSX Capped Composite Index ETF	XIC	405	Equity – Canadian
iShares S&P/TSX 60 Index ETF	XIU	333	Equity – Canadian
Vanguard FTSE Developed All Cap ex North America Index ETF	VIU	280	Equity – International
Purpose High Interest Savings ETF	PSA	208	FI – Investment grade
BMO Aggregate Bond Index ETF	ZAG	176	FI – Investment grade
BMO Low Volatility U.S. Equity ETF	ZLU	176	Equity – US
RBC Target 2021 Corporate Bond Index ETF	RQI	166	FI – Investment grade
Horizons S&P/TSX 60 Index ETF	HXT	149	Equity – Canadian
BMO Long Federal Bond Index ETF	ZFL	145	FI – Investment grade
iShares Canadian Universe Bond Index ETF	XBB	128	FI – Investment grade
BMO Low Volatility Canadian Equity ETF	ZLB	109	Equity – Canadian
BMO S&P 500 Index ETF	ZSP	103	Equity – US
AGFIQ US Market Neutral Anti-Beta CAD-Hedged ETF	QBTL	97	Equity – US
Fidelity Global Core Plus Bond ETF	FCGB	86	FI – Investment grade
BMO Equal Weight Banks Index ETF	ZEB	85	Equity – Canadian
AGFIQ US Long/Short Dividend Income CAD-Hedged ETF	QUDV	83	Equity – US
iShares S&P/TSX Capped Energy Index ETF	XEG	76	Equity – Sector
BMO Ultra Short-Term US Bond ETF	ZUS.U	75	FI – Investment grade
Mackenzie Emerging Markets Local Currency Bond Index ETF	QEBL	70	FI – High yield

*Source: Investor Economics