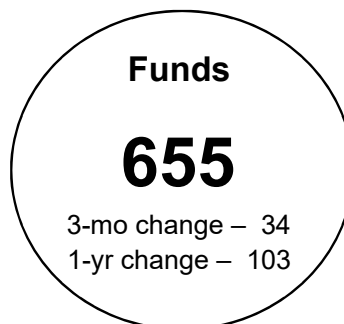
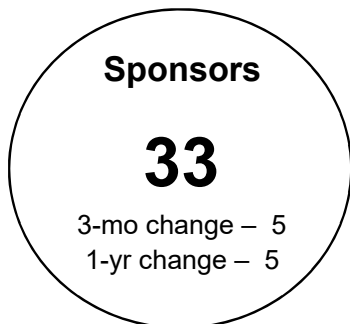
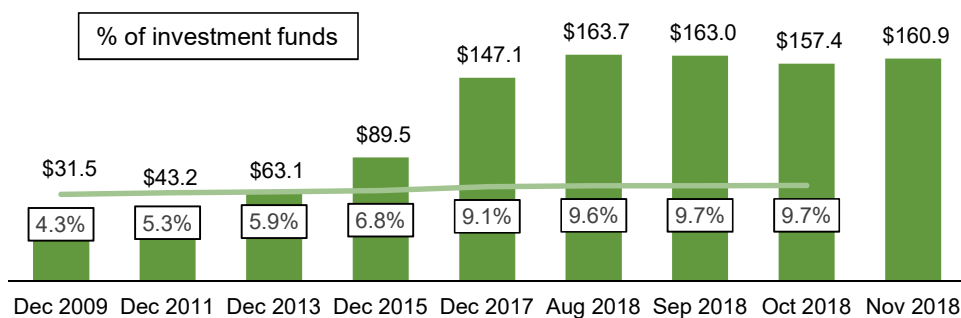


CETFA Monthly Report (\$ Billions)

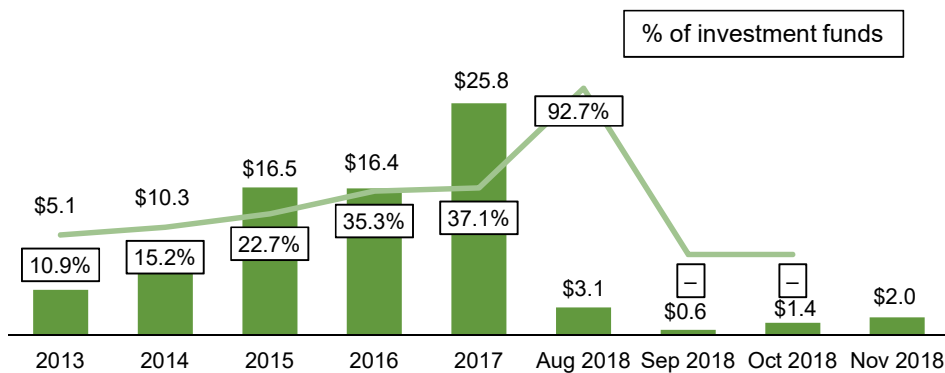
as of November 30, 2018



Assets



Net creations



CETFA Monthly Report (\$ Millions)

as of November 30, 2018

AUM by ETF Provider

Sponsor	# of ETFs	Assets	1-yr growth	Net creations			
				1 mo.	3 mo.	YTD	1 yr.
Total*	655	\$ 160,936	10.4%	\$ 2,013	\$ 3,991	\$ 18,501	\$ 20,098
BlackRock Canada	115	58,255	-2.7%	1,236	310	246	53
BMO Asset Management	91	49,700	8.3%	(68)	1,018	4,899	5,899
Vanguard Canada	37	17,679	30.5%	195	686	4,036	4,269
Horizons ETFs	85	9,781	13.4%	70	(206)	1,177	1,548
RBC Global Asset Management	43	4,809	2.6%	(53)	(36)	252	327
First Asset	44	4,634	23.8%	(27)	265	920	1,040
Invesco ETFs	30	4,050	-	49	50	694	678
Mackenzie	28	3,142	152.9%	149	342	1,916	1,976
Purpose Investments	33	2,975	82.6%	270	645	1,232	1,219
PIMCO Canada	2	785	237.3%	13	37	502	569
WisdomTree	15	779	102.9%	(13)	141	424	417
AGFIO	10	751	-	(1)	39	399	203
Franklin LibertyShares	10	735	251.9%	51	182	472	511
Harvest Portfolios	11	589	34.7%	9	26	153	164
First Trust Portfolios Canada	20	432	-8.9%	(7)	28	-	(35)
Evolve Funds	16	364	-	42	133	301	306
Desjardins Investments	15	354	244.7%	(15)	24	248	276
Manulife Investments	6	291	12.4%	1	7	32	32
Hamilton Capital	4	243	171.7%	-	13	154	162
Fidelity	6	172	-	43	192	192	192
Brompton Funds	5	117	-	29	33	114	114
Lysander Funds	1	107	21.9%	3	5	31	37
TD Asset Management	9	97	-23.8%	16	22	(35)	(29)
Bristol Gate Capital Partners	2	26	-	3	8	25	25
Auspice Capital	1	18	-28.1%	9	9	5	5
IA Clarington	3	12	-	10	13	13	13
Equium Capital	1	8	57.9%	-	(4)	1	3
Scotia Global Asset Management	4	8	-	-	-	8	8
Starlight Investments	2	6	-	-	6	6	6
Arrow Capital Management	2	6	-	-	(2)	4	5
Coin Capital	2	6	-	-	6	6	6
Galileo Funds	1	4	-14.2%	-	-	-	-
First Rock Capital	1	1	-	-	1	1	1

*Total net creations include terminated sponsors.

Market Share by Asset Category

Asset Category	Current Month	Previous Month
Total	100.0%	100.0%
Fixed income	28.0%	28.1%
Investment grade	24.2%	24.1%
Corporate	9.3%	9.5%
Government	4.0%	3.9%
Mix	10.9%	10.6%
High yield	3.8%	3.9%
Corporate	1.9%	2.1%
Emerging markets	0.2%	0.2%
Mix	1.6%	1.6%
Equity	69.4%	69.4%
Canada	25.7%	25.6%
US	19.4%	19.2%
Emerging Markets	2.0%	2.0%
International	9.2%	9.3%
North America	0.5%	0.6%
Europe	0.8%	0.8%
Global	2.7%	2.7%
Sector	9.1%	9.2%
Agriculture	0.1%	0.1%
Consumer staples	0.1%	0.1%
Energy	0.7%	0.7%
Financials	2.1%	2.2%
Health care	1.2%	1.2%
Industrials	0.1%	0.1%
Utilities & Infrastructure	1.0%	1.0%
Materials	0.7%	0.7%
Metals	0.1%	0.1%
Multiple	0.1%	0.1%
Real estate	1.5%	1.5%
Technology	1.2%	1.2%
Commodities	0.6%	0.6%
Energy	0.3%	0.2%
Metals	0.4%	0.4%
Multi-asset class	1.8%	1.8%
Currency	0.1%	0.1%
Volatility	-	-

Top 20 Largest ETFs – Current Month

ETF Name	Ticker	Assets	Asset class
iShares S&P/TSX 60 Index ETF	XIU	\$ 9,610	Equity – Canadian
BMO S&P 500 Index ETF	ZSP	5,657	Equity – US
iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	4,519	Equity – US
iShares Core S&P/TSX Capped Composite Index ETF	XIC	4,096	Equity – Canadian
BMO S&P/TSX Capped Composite Index ETF	ZCN	4,002	Equity – Canadian
BMO Aggregate Bond Index ETF	ZAG	3,590	FI – Investment grade
BMO MSCI EAFE Index ETF	ZEA	2,371	Equity – International
iShares Canadian Universe Bond Index ETF	XBB	2,151	FI – Investment grade
iShares Canadian Short Term Bond Index ETF	XSB	2,133	FI – Investment grade
Vanguard S&P 500 Index ETF	VFV	1,992	Equity – US
iShares Core MSCI EAFE IMI Index ETF	XEF	1,960	Equity – International
BMO Laddered Preferred Share Index ETF	ZPR	1,892	Equity – Canadian
Horizons S&P/TSX 60 Index ETF	HXT	1,878	Equity – Canadian
BMO Covered Call Canadian Banks ETF	ZWB	1,841	Equity – Canadian
Vanguard Canadian Aggregate Bond Index ETF	VAB	1,698	FI – Investment grade
Vanguard FTSE Canada All Cap Index ETF	VCN	1,607	Equity – Canadian
Horizons Active Preferred Share ETF	HPR	1,580	Equity – Canadian
BMO U.S. Dividend ETF	ZDY	1,571	Equity – US
Vanguard U.S. Total Market Index ETF	VUN	1,541	Equity – US
iShares Canadian Corporate Bond Index ETF	XCB	1,509	FI – Investment grade

Top 20 ETFs by Net Creations – Current Month

ETF Name	Ticker	Net creations	Asset class
iShares S&P/TSX 60 Index ETF	XIU	\$ 580	Equity – Canadian
Purpose High Interest Savings ETF	PSA	285	FI – Investment grade
BMO S&P/TSX Capped Composite Index ETF	ZCN	228	Equity – Canadian
iShares Canadian Short Term Bond Index ETF	XSB	194	FI – Investment grade
Invesco Long Term Government Bond Index ETF	PGL	142	FI – Investment grade
iShares Core S&P/TSX Capped Composite Index ETF	XIC	111	Equity – Canadian
BetaPro Crude Oil 2x Daily Bull ETF	HOU	111	Commodities – Energy
BMO Aggregate Bond Index ETF	ZAG	98	FI – Investment grade
BetaPro Natural Gas -2x Daily Bear ETF	HND	87	Commodities – Energy
iShares Premium Money Market ETF	CMR	85	FI – Investment grade
Mackenzie Floating Rate Income ETF	MFT	65	FI – High yield
iShares S&P/TSX Capped Energy Index ETF	XEG	64	Equity – Sector
Dynamic iShares Active U.S. Dividend ETF	DXU	63	Equity – US
iShares Canadian Universe Bond Index ETF	XBB	54	FI – Investment grade
iShares Core MSCI All Country World ex Canada Index ETF	XAW	53	Equity – International
iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	51	Equity – US
iShares Core MSCI EAFE IMI Index ETF	XEF	49	Equity – International
Franklin LibertyQT U.S. Equity Index ETF	FLUS	45	Equity – International
Horizons S&P/TSX 60 Index ETF	HXT	43	Equity – Canadian
iShares Floating Rate Index ETF	XFR	40	FI – Investment grade