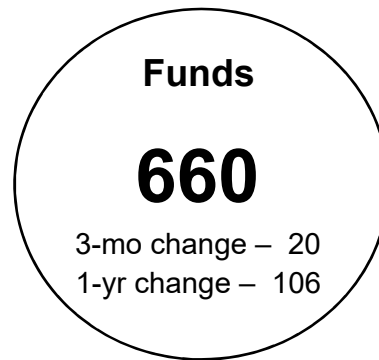
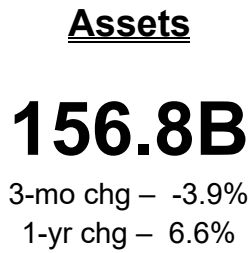
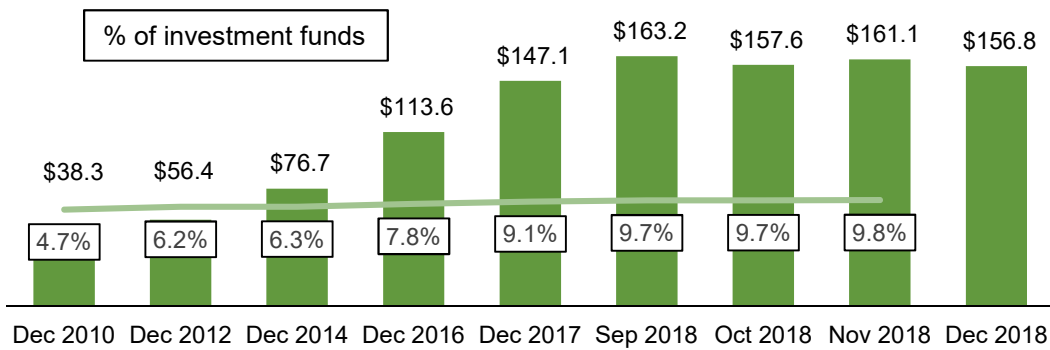


CETFA Monthly Report (\$ Billions)

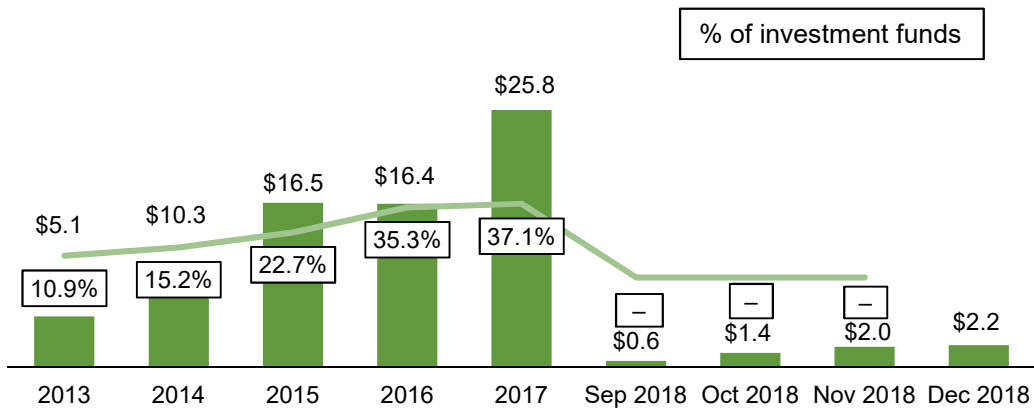
as of December 31, 2018



Assets



Net creations



CETFA Monthly Report (\$ Millions)
as of December 31, 2018

AUM by ETF Provider

Sponsor	# of ETFs	Assets	1-yr growth	Net creations			
				1 mo.	3 mo.	YTD	1 yr.
Total*	660	\$ 156,788	6.6%	\$ 2,177	\$ 5,598	\$ 20,876	\$ 20,876
BlackRock Canada	115	57,052	-4.5%	1,094	2,066	1,340	1,340
BMO Asset Management	93	48,644	4.6%	939	1,678	5,838	5,838
Vanguard Canada	37	16,970	23.8%	170	526	4,206	4,206
Horizons ETFs	85	9,476	4.1%	132	(28)	1,309	1,309
RBC Global Asset Management	43	4,606	-2.4%	(44)	(153)	208	208
First Asset	42	4,428	15.5%	(15)	190	905	905
Invesco ETFs	30	3,865	10.2%	(60)	(95)	634	634
Purpose Investments	36	3,085	91.8%	(11)	494	1,418	1,418
Mackenzie	28	2,949	127.5%	(116)	138	1,800	1,800
PIMCO Canada	2	837	180.3%	56	82	557	557
Franklin LibertyShares	10	723	198.3%	4	181	477	477
WisdomTree	15	719	87.2%	(13)	113	411	411
AGFIQ	10	714	109.8%	(1)	23	398	398
Harvest Portfolios	11	553	24.9%	9	26	162	162
Evolve Funds	16	353	-	25	106	326	326
First Trust Portfolios Canada	20	348	-20.5%	(61)	(34)	(61)	(61)
Desjardins Investments	15	346	166.8%	-	(13)	248	248
Manulife Investments	7	282	11.1%	1	2	33	33
Hamilton Capital	5	206	114.4%	(2)	11	152	152
Fidelity	6	171	-	11	136	203	203
TD Asset Management	9	148	10.7%	54	73	19	19
Brompton Funds	5	118	-	11	45	125	125
Lysander Funds	1	98	7.4%	(7)	(3)	24	24
Bristol Gate Capital Partners	2	24	-	-	6	25	25
Auspice Capital	1	21	-10.7%	-	8	5	5
IA Clarington	3	13	-	-	13	13	13
Equium Capital	1	8	11.5%	-	(2)	1	1
Scotia Global Asset Management	4	7	-	-	-	8	8
Arrow Capital Management	2	7	245.3%	1	1	5	5
Starlight Investments	2	6	-	-	6	6	6
Coin Capital	2	5	-	-	6	6	6
Galileo Funds	1	5	-3.2%	-	-	-	-
First Block 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	29.8%	28.1%
Investment grade	25.6%	24.2%
Corporate	10.1%	9.3%
Government	4.2%	4.0%
Mix	11.4%	10.9%
High yield	4.2%	3.9%
Corporate	2.3%	1.9%
Emerging markets	0.2%	0.2%
Mix	1.7%	1.7%
Equity	67.5%	69.4%
Canada	25.3%	25.7%
US	18.5%	19.4%
Emerging Markets	2.1%	2.0%
International	9.1%	9.2%
North America	0.5%	0.5%
Europe	0.8%	0.8%
Global	2.6%	2.7%
Sector	8.7%	9.1%
Agriculture	0.1%	0.1%
Consumer staples	0.1%	0.1%
Energy	0.7%	0.7%
Financials	2.0%	2.1%
Health care	1.1%	1.2%
Industrials	-	0.1%
Utilities & Infrastructure	1.0%	1.0%
Materials	0.8%	0.7%
Metals	0.1%	0.1%
Multiple	0.1%	0.1%
Real estate	1.5%	1.5%
Technology	1.1%	1.2%
Commodities	0.7%	0.6%
Energy	0.3%	0.3%
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	\$ 8,776	Equity – Canadian
BMO S&P 500 Index ETF	ZSP	5,385	Equity – US
iShares Core S&P/TSX Capped Composite Index ETF	XIC	4,223	Equity – Canadian
iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	4,098	Equity – US
BMO S&P/TSX Capped Composite Index ETF	ZCN	3,850	Equity – Canadian
BMO Aggregate Bond Index ETF	ZAG	3,495	FI – Investment grade
iShares Canadian Universe Bond Index ETF	XBB	2,376	FI – Investment grade
BMO MSCI EAFE Index ETF	ZEI	2,271	Equity – International
iShares Canadian Short Term Bond Index ETF	XSB	2,153	FI – Investment grade
iShares Core MSCI EAFE IMI Index ETF	XEF	2,001	Equity – International
Vanguard S&P 500 Index ETF	VFV	1,881	Equity – US
BMO Laddered Preferred Share Index ETF	ZPR	1,800	Equity – Canadian
Horizons S&P/TSX 60 Index ETF	HXT	1,768	Equity – Canadian
BMO Covered Call Canadian Banks ETF	ZWB	1,721	Equity – Canadian
iShares Canadian Corporate Bond Index ETF	XCB	1,617	FI – Investment grade
Vanguard Canadian Aggregate Bond Index ETF	VAB	1,588	FI – Investment grade
Horizons Active Preferred Share ETF	HPR	1,576	Equity – Canadian
Vanguard FTSE Canada All Cap Index ETF	VCN	1,565	Equity – Canadian
BMO Short Corporate Bond Index ETF	ZCS	1,492	FI – Investment grade
BMO U.S. Dividend ETF	ZDY	1,459	Equity – US

Top 20 ETFs by Net Creations - Current Month

ETF Name	Ticker	Net creations	Asset class
BMO Mid-Term U.S. IG Corporate Bond Index Hedged to CAD ETF	ZMU	\$ 782	FI – Investment grade
BMO High Yield US Corporate Bond Hedged ETF	ZHY	647	FI – High yield
iShares Core S&P/TSX Capped Composite Index ETF	XIC	289	Equity – Canadian
iShares Canadian Universe Bond Index ETF	XBB	201	FI – Investment grade
iShares S&P/TSX Capped Financials Index ETF	XFN	149	Equity – Sector
BMO S&P 500 Index ETF	ZSP	105	Equity – US
iShares Core MSCI EAFE IMI Index ETF	XEF	104	Equity – International
iShares Canadian Corporate Bond Index ETF	XCB	98	FI – Investment grade
iShares S&P/TSX Capped Energy Index ETF	XEG	96	Equity – Sector
BMO S&P 500 Hedged to CAD Index ETF	ZUE	93	Equity – US
BMO S&P/TSX Capped Composite Index ETF	ZCN	77	Equity – Canadian
RBC Target 2024 Corporate Bond Index ETF	RQL	71	FI – International
Vanguard FTSE Canada All Cap Index ETF	VCN	64	Equity – Canadian
iShares Canadian Select Dividend Index ETF	XDV	64	Equity – Canadian
iShares Premium Money Market ETF	CMR	63	FI – Investment grade
iShares Core MSCI All Country World ex Canada Index ETF	XAW	59	Equity – International
Mackenzie US Investment Grade Corporate Bond Index ETF (CAD-Hedged)	QUIG	55	FI – Investment grade
PIMCO Monthly Income (Canada) ETF	PMIF	55	FI – High yield
BetaPro Crude Oil 2x Daily Bull ETF	HOU	52	Commodities – Energy
iShares Edge MSCI Multifactor Canada Index ETF	XFC	52	Equity – Canadian