

CETFA Monthly Report (\$ millions)
as of March 31, 2023

Top 25 ETFs by Net Creations - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2023
1 NBI Global Real Assets Income ETF	NREA	NBS	\$ 1,058	\$ 1,056
2 Horizons High Interest Savings ETF	CASH	HRZ	907	1,651
3 BMO Equal Weight Banks Index ETF	ZEB	BMO	770	651
4 BMO MSCI EAFE Index ETF	ZEAF	BMO	607	1,006
5 Horizons Can Select Universe Bond ETF	HBB	HRZ	599	788
6 BMO Long Federal Bond Index ETF	ZFL	BMO	500	617
7 CI High Interest Savings ETF	CSAV	CM	396	1,533
8 iShares S&P/TSX 60 Index ETF	XIU	BLK	293	137
9 Mackenzie Canadian Aggregate Bond Index ETF	QBB	MFC	260	272
10 BetaPro Natural Gas Leveraged Daily Bull ETF	HNU	HRZ	230	559
11 Invesco Long Term Government Bond Index ETF	PGL	AIM	224	178
12 TD Canadian Long Term Federal Bond Index	TCLB	TDM	221	340
13 Invesco 1-3 Year Laddered Floating Rate Note Index ETF	PFL	AIM	214	407
14 NBI Sustainable Canadian Bond ETF	NCSB	NBS	205	281
15 BMO MSCI Emerging Markets Index ETF	ZEM	BMO	165	186
16 iShares ESG Aware MSCI Emerging Markets Index ETF	XSEM	BLK	161	163
17 iShares Core Canadian Government Bond Index ETF	XGB	BLK	156	243
18 iShares S&P/TSX Capped Financials Index ETF	XFN	BLK	151	137
19 BMO Equal Weight US Banks Index ETF	ZBK	BMO	134	43
20 BMO Long-Term US Treasury Bond Index ETF	ZTL	BMO	129	145
21 BMO Equal Weight US Banks Hedged to CAD Index ETF	ZUB	BMO	121	99
22 iShares S&P/TSX Capped Energy Index ETF	XEG	BLK	102	56
23 NBI Active International Equity ETF	NINT	NBS	98	225
24 BMO Covered Call Canadian Banks ETF	ZWB	BMO	92	130
25 BMO China Equity Index ETF	ZCH	BMO	88	225
Top 25			\$ 7,782	\$ 10,854

*Source: Investor Economics

Top 25 ETFs by Net Redemptions - Current Month

ETF Name	Ticker	Management Code	Current Month	YTD 2023
1 BMO S&P 500 Index ETF	ZSP	BMO	\$ (734)	\$ (1,088)
2 3iQ CoinShares Bitcoin ETF	BTCC	3iQ	(630)	(517)
3 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	(330)	(561)
4 BMO High Yield US Corporate Bond Hedged ETF	ZHY	BMO	(284)	164
5 BMO High Yield US Corporate Bond Index ETF	ZIK	BMO	(283)	167
6 TD Global Technology Leaders Index ETF	TEC	TDM	(166)	(167)
7 BMO Short Federal Bond Index ETF	ZFS	BMO	(122)	(153)
8 iShares Short Term High Quality Canadian Bond Index ETF	XSO	BLK	(115)	(124)
9 BetaPro Natural Gas Inverse Leveraged Daily Bear ETF	HEH	HRZ	(114)	(295)
10 iShares U.S. High Yield Fixed Income Index ETF (CAD-Hedged)	CHB	BLK	(93)	(96)
11 Horizons Active Ultra-Short Term Investment Grade Bond ETF	HFR	HRZ	(76)	(225)
12 BMO Low Volatility U.S. Equity ETF	ZLU	BMO	(68)	(15)
13 iShares Core Cash US Term Corporate Bond Index ETF	XCH	BLK	(56)	(56)
14 AGF US Market Neutral Anti-Beta CAD Hedged ETF	OBTL	AGF	(55)	(22)
15 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	(52)	32
16 BMO Mid Provincial Bond Index ETF	ZMP	BMO	(48)	(35)
17 iShares MSCI Europe Index ETF (CAD-Hedged)	XEH	BLK	(45)	(45)
18 Horizons Active High Yield Bond ETF	HYI	HRZ	(41)	(116)
19 BMO Laddered Preferred Share Index ETF	ZPR	BMO	(40)	(80)
20 CI Gold+ Giants Covered Call ETF	CGKF	CM	(40)	(13)
21 Vanguard Canadian Short-Term Bond Index ETF	VSB	VNG	(40)	(113)
22 iShares High Quality Canadian Bond Index ETF	XQB	BLK	(39)	(42)
23 BMO Premium Yield ETF	ZPAY	BMO	(38)	(20)
24 BMO NASDAQ 100 Equity Index ETF	ZNO	BMO	(38)	(23)
25 BMO Equal Weight Oil & Gas Index ETF	ZEO	BMO	(33)	(26)
Top 25			\$ (3,566)	\$ (3,467)

*Source: Investor Economics

Top 25 Largest ETFs by AUM

ETF Name	Ticker	Management Code	AUM	% of Total
1 BMO S&P 500 Index ETF	ZSP	BMO	\$ 11,771	3.2%
2 iShares S&P/TSX 60 Index ETF	XIU	BLK	11,017	3.0%
3 iShares Core S&P/TSX Capped Composite Index ETF	XIC	BLK	8,988	2.5%
4 iShares Core S&P 500 Index ETF (CAD-Hedged)	XSP	BLK	7,991	2.2%
5 Vanguard S&P 500 Index ETF	VFI	VNG	7,291	2.0%
6 CI High Interest Savings ETF	CSAV	CM	6,819	1.9%
7 BMO S&P/TSX Capped Composite Index ETF	ZCN	BMO	6,810	1.9%
8 BMO MSCI EAFE Index ETF	ZEAF	BMO	6,796	1.9%
9 BMO Aggregate Bond Index ETF	ZAG	BMO	6,267	1.7%
10 iShares Core MSCI EAFE IMI Index ETF	XEF	BLK	6,150	1.7%
11 Vanguard U.S. Total Market Index ETF	VUN	VNG	5,772	1.6%
12 Vanguard FTSE Canada All Cap Index ETF	VCN	VNG	5,259	1.4%
13 iShares Core Canadian Universe Bond Index ETF	XBB	BLK	4,859	1.3%
14 iShares Core S&P 500 Index ETF	XUS	BLK	4,769	1.3%
15 Vanguard Canadian Aggregate Bond Index ETF	VAB	VNG	4,014	1.1%
16 Vanguard Growth ETF Portfolio	VORO	VNG	3,888	1.1%
17 BMO Equal Weight Banks Index ETF	ZEB	BMO	3,802	1.0%
18 Horizons S&P/TSX 60 Index ETF	HXT	HRZ	3,655	1.0%
19 Horizons Can Select Universe Bond ETF	HBB	HRZ	3,549	1.0%
20 Purpose High Interest Savings Fund	PSA	PFC	3,478	1.0%
21 Vanguard FTSE Developed All Cap ex North America Index ETF	VUI	VNG	3,308	0.9%
22 BMO Low Volatility Canadian Equity ETF	ZLB	BMO	3,039	0.8%
23 BMO Covered Call Canadian Banks ETF	ZWB	BMO	2,827	0.8%
24 BMO Mid-Term U.S. IG Corporate Bond Index ETF	ZIC	BMO	2,809	0.8%
25 BMO Mid-Term U.S. IG Corporate Bond Index Hedged to CAD ETF	ZMU	BMO	2,723	0.7%
Top 25			\$ 137,653	37.7%

*Source: Investor Economics

Net Creations by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	YTD 2023	% of Total 2023
BMO Asset Management	BMO	\$ 1,575	\$ 827	90.4%	\$ 2,039	16.6%
National Bank	NBS	1,491	390	281.7%	2,305	18.8%
Horizons ETFs	HRZ	1,238	644	127.4%	2,140	17.4%
BlackRock Canada	BLK	1,210	(20)	—	(5)	—
Vanguard Canada	VNG	528	656	-19.5%	1,177	9.6%
CI Investments	CM	424	723	-41.3%	1,726	14.1%
Invesco ETFs	AIM	408	34	—	515	4.2%
Mackenzie	MFC	371	157	137.0%	(46)	—
RBC Global Asset Management	RBC	168	76	121.7%	310	2.5%
Purpose Investments	PFC	166	168	-1.2%	3	—
Fidelity	FID	144	182	-20.4%	418	3.4%
TD Asset Management	TDM	129	144	-10.8%	997	8.1%
Hamilton ETFs	HAM	120	163	-26.8%	411	3.3%
Scotia Global Asset Management	BNS	76	37	105.6%	52	0.4%
Harvest Portfolios	HPG	66	108	-38.7%	317	2.6%
CI Asset Management	CIB	35	(4)	—	45	0.4%
Evolve Funds	EVL	34	78	-56.7%	414	3.4%
Pictou Mahoney Asset Management	PMF	22	23	-3.9%	50	0.4%
Russell Investments Canada	RUS	13	—	—	15	0.1%
Manulife Investment Management	MNL	7	(45)	114.9%	(12)	—
IA Clarington	IAC	4	1	692.0%	(9)	—
First Trust Portfolios Canada	FTP	4	(1)	430.3%	3	—
Brompton Funds	BRM	2	20	-87.9%	49	0.4%
Bristol Gate Capital Partners	BRI	2	23	-92.5%	23	0.2%
Arrow Capital Management	ACM	1	2	-30.8%	4	—
Starlight Investments	STR	—	—	—	—	—
Guardian Capital LP	GCL	—	(19)	100.8%	(20)	—
Caldwell	CAL	—	—	—	—	—
Mulvihill Capital Management	MLV	—	—	—	—	—
Ninepoint Partners	NPP	—	8	-104.7%	21	0.2%
Lyander Funds	LYS	(1)	(1)	32.1%	(2)	—
Franklin Templeton	FLS	(1)	(54)	98.4%	(81)	—
Accelerate Financial	ACL	(1)	—	—	(4)	—
Middlefield	MDF	(1)	(2)	5.7%	(4)	—
Desjardins Investments	DJD	(2)	(90)	98.2%	(47)	—
Emergen Canada	EMR	(2)	—	—	(6)	—
Evermore Capital Management	EVR	(3)	—	—	(3)	—
Norrop	NOR	(5)	—	—	(5)	—
PMCO Canada	PMC	4	15	-140.3%	4	0.3%
Smarter Wealth	SBWI	(9)	(1)	—	(10)	—
AGFIQ	AGF	(56)	74	-175.3%	(28)	—
3iQ	3iQ	(631)	28	—	(513)	—
Total		\$ 7,520	\$ 4,247	77.1%	\$ 12,279	

*Source: Investor Economics

AUM by ETF Provider

ETF Provider	Management Code	# of ETFs	Current Month	Previous Month	Change	Dec 2022
BlackRock Canada	BLK	146	\$ 96,643	\$ 94,959	1.8%	\$ 92,637
BMO Asset Management	BMO	136	92,817	90,833	2.2%	87,729
Vanguard Canada	VNG	37	53,461	52,417	2.0%	49,889
Horizons ETFs	HRZ	107	25,017	24,041	4.1%	22,892
CI Investments	CM	84	18,263	17,788	2.7%	15,966
Mackenzie	MFC	45	12,650	12,325	4.3%	12,395
Smarter Wealth	SBWI	(9)	(1)	—	(10)	—
AGFIQ	AGF	(56)	74	-175.3%	(28)	—
3iQ	3iQ	(631)	28	—	(513)	—
Total			\$ 385,168	\$ 355,634	2.7%	\$ 339,669

*Source: Investor Economics

Market Share by ETF Provider

ETF Provider	Management Code	Current Month	Previous Month	Change	Dec 2022
BlackRock Canada	BLK	26.5%	26.7%	-0.2%	27.3%
BMO Asset Management	BMO	25.4%	25.5%	-0.1%	25.8%
Vanguard Canada	VNG	14.6%	14.7%	-0.1%	14.7%
Horizons ETFs	HRZ	6.9%	6.8%	0.1%	6.7%
CI Investments	CM	5.0%	5.0%	—	4.7%
Mackenzie	MFC	3.5%	3.5%	0.1%	3.6%
TD Asset Management	TDM	2.6%	2.5%	—	2.3%
National Bank	NBS	2.4%	2.1%	0.4%	1.9%
Purpose Investments	PFC	2.0%	2.0%	—	2.0%
Invesco ETFs	AIM	1.5%	1.4%	0.1%	1.4%
RBC Global Asset Management	RBC	1.2%	1.2%	—	1.2%
Fidelity	FID	1.0%	1.0%	—	1.0%
Scotia Global Asset Management	BNS	1.0%	1.0%	—	1.0%
Harvest Portfolios	HPG	0.9%	0.9%	—	0.8%
Evolve Funds	EVL	0.7%	0.7%	—	0.6%
CI Asset Management	CIB	0.7%	0.7%	—	0.7%
Manulife Investment Management	MNL	0.7%	0.7%	—	0.7%
Hamilton ETFs	HAM	0.6%	0.6%	—	0.5%
PMCO Canada	PMC	0.6%	0.6%	—	0.6%
Desjardins Investments	DJD	0.4%	0.5%	—	0.5%
Franklin Templeton	FLS	0.4%	0.4%	—	0.4%
AGFIQ	AGF	0.3%	0.3%	—	0.3%
Ninepoint Partners	NPP	0.2%	0.2%	—	0.2%
Pictou Mahoney Asset Management	PMF	0.2%	0.2%	—	0.2%
Brompton Funds	BRM	0.2%	0.2%	—	0.2%
First Trust Portfolios Canada	FTP	0.1%	0.1%	—	0.1%
3iQ	3iQ	0.1%	0.3%	-0.2%	0.2%
Middlefield	MDF	0.1%	0.1%	—	0.1%
Bristol Gate Capital Partners	BRI	0.1%	0.1%	—	0.1%
Guardian Capital LP	GCL	0.1%	0.1%	—	0.1%
Emergen Canada	EMR	—	—	—	—
IA Clarington	IAC	—	—	—	—
Lyander Funds	LYS	—	—	—	—
Russell Investments Canada	RUS	—	—	—	—
Accelerate Financial	ACL	—	—	—	—
Arrow Capital Management	ACM	—	—	—	—
Starlight Investments	STR	—	—	—	—
Smarter Wealth	SBWI	—	—	—	—
Evermore Capital Management	EVR	—	—	—	—
Caldwell	CAL	—	—	—	—
Norrop	NOR	—	—	—	—
Mulvihill Capital Management	MLV	—	—	—	—
Total					

*Source: Investor Economics

CETFA Monthly Report (\$ millions)

as of March 31, 2023

New ETFs Launched in 2023 - Top Funds by AUM

ETF Name	Ticker	Management	AUM	% of Total
BMO US Aggregate Bond Index ETF (Hedged Units)	ZUAG.F	BMO	\$ 213	0.1%
Hamilton Canadian Financials Yield Maximizer ETF	HMAX	HAM	199	0.1%
BMO US TIPS Index ETF (USD-Units)	TIPS.U	BMO	62	-
RBC Canadian Dividend Covered Call ETF	RCDC	RBC	21	-
Evolve S&P 500 Enhanced Yield Fund (CAD-Unhedged) (ETF Series)	ESPF.B	EVL	16	-
iShares Core Canadian 15+ Year Federal Bond Index ETF	XFLB	BLK	10	-
iShares 20+ Year U.S. Treasury Bond Index ETF (CAD-Hedged)	XTLH	BLK	10	-
BMO Covered Call Energy ETF	ZWEN	BMO	8	-
BMO Global Agriculture ETF	ZEAT	BMO	7	-
CIBC Canadian Short-Term Bond Index ETF	CSBI	CIB	8	-
BMO Covered Call Health Care ETF	ZWHC	BMO	7	-
BMO Global Agriculture ETF	ZEAT	BMO	7	-
Evolve S&P/TSX 60 Enhanced Yield Fund (ETF Series)	ETXS	EVL	5	-
iShares Global Electric and Autonomous Vehicles Index ETF	XDRV	BLK	5	-
CI Global Minimum Volatility Index ETF (Unhedged Common Units)	CGDV.B	CIM	4	-
RBC U.S. Dividend Covered Call ETF	RUDC	RBC	4	-
Invesco S&P US Dividend Aristocrats ESG Index ETF (CAD Units)	IJAE	AIM	4	-
iShares 20+ Year U.S. Treasury Bond Index ETF (USD Units)	XTLU	BLK	2	-
CIBC U.S. Equity Index ETF (CAD-Hedged)	CIUE	CIB	2	-
Invesco S&P International Developed Dividend Aristocrats ESG Index ETF (CAD Hedged Units)	IIAE.F	AIM	2	-
CI U.S. Minimum Volatility Index ETF (Hedged Common Units)	CUDV	CIM	2	-
CIBC International Equity Index ETF (CAD-Hedged)	CIIE	CIB	2	-
CI Utilities Giants Covered Call ETF (Unhedged Common Units)	CUTL.B	CIM	2	-
RBC North American Growth Fund (ETF Series)	RNAG	RBC	2	-
RBC Global Precious Metals Fund (ETF Series)	RGPM	RBC	1	-
RBC Global Technology Fund (ETF Series)	RTEC	RBC	1	-
			\$ 602	0.2%

*Source: Investor Economics

New ETFs Launched in 2023 - Top Funds by Current Month Net Creations

ETF Name	Ticker	Management	Net Creations	% of Total
1 Hamilton Canadian Financials Yield Maximizer ETF	HMAX	HAM	\$ 73	1.0%
2 BMO US Aggregate Bond Index ETF (Hedged Units)	ZUAG.F	BMO	37	0.5%
3 RBC Canadian Dividend Covered Call ETF	RCDC	RBC	16	0.2%
4 iShares 20+ Year U.S. Treasury Bond Index ETF (CAD-Hedged)	XTLH	BLK	9	0.1%
5 iShares Core Canadian 15+ Year Federal Bond Index ETF	XFLB	BLK	5	0.1%
6 BMO Global Agriculture ETF	ZEAT	BMO	5	0.1%
7 BMO Covered Call Energy ETF	ZWEN	BMO	4	0.1%
8 RBC North American Growth Fund (ETF Series)	RNAG	RBC	1	-
9 BMO Covered Call Health Care ETF	ZWHC	BMO	1	-
10 iShares 20+ Year U.S. Treasury Bond Index ETF (USD Units)	XTLU	BLK	1	-
11 RBC Global Technology Fund (ETF Series)	RTEC	RBC	1	-
12 RBC North American Value Fund (ETF Series)	RNAV	RBC	1	-
13 RBC International Equity Fund (ETF Series)	RINT	RBC	1	-
14 RBC Emerging Markets Dividend Fund (ETF Series)	REMD	RBC	1	-
15 RBC Canadian Equity Income Fund (ETF Series)	RCEI	RBC	1	-
16 RBC Global Precious Metals Fund (ETF Series)	RGPM	RBC	1	-
17 RBC Global Energy Fund (ETF Series)	RENG	RBC	1	-
18 Invesco S&P US Dividend Aristocrats ESG Index ETF (CAD Units)	IJAE	AIM	1	-
19 Evolve S&P/TSX 60 Enhanced Yield Fund (ETF Series)	ETXS	EVL	-	-
20 RBC U.S. Dividend Covered Call ETF	RUDC	RBC	-	-
21 CIBC Canadian Short-Term Bond Index ETF	CSBI	CIB	-	-
22 iShares Global Electric and Autonomous Vehicles Index ETF	XDRV	BLK	-	-
23 MultiVest U.S. Health Care Enhanced Yield ETF	XLVE	MLV	-	-
24 CIBC International Equity Index ETF (CAD-Hedged)	CIIE	CIB	-	-
25 CI Global Minimum Volatility Index ETF (Unhedged Common Units)	CGDV.B	CIM	-	-
			\$ 161	-

*Source: Investor Economics

Contributions by Asset Category

Category	Current Month	Previous Month	Change	YTD 2023	% of Total 2023
Total	\$ 7,820	\$ 4,247	77.1%	\$ 12,279	100.0%
Fixed Income	2,276	1,771	28.5%	3,559	29.0%
Investment grade	2,754	1,142	141.1%	3,362	27.4%
Corporate	184	281	-34.6%	277	2.3%
Government	1,131	18	-	1,228	10.0%
Mix	1,439	843	70.8%	1,857	15.1%
High yield	(478)	629	-176.1%	197	1.6%
Corporate	(535)	435	-223.0%	265	2.2%
Emerging markets	(19)	70	-127.3%	(370)	-3.0%
Mix	75	126	-40.4%	303	2.5%
Equity	4,157	670	520.2%	4,886	39.8%
Canada	1,340	180	640.4%	1,056	8.6%
US	(603)	46	-	(666)	-5.4%
Emerging Markets	428	(54)	896.3%	476	3.9%
International	993	371	167.7%	1,764	14.4%
North America	71	40	78.7%	114	0.9%
Europe	(11)	(10)	-12.7%	(30)	-0.2%
Global	123	18	582.0%	229	1.9%
Sector	1,816	80	-	1,943	15.8%
Agriculture	(3)	(39)	93.3%	(17)	-0.1%
Consumer staples	19	(2)	-	18	0.1%
Energy	54	4	-	(53)	-0.3%
Financials	501	(36)	-	315	2.6%
Health care	85	105	-19.4%	255	2.1%
Industrials	37	2	-	37	0.3%
Utilities & Infrastructure	127	18	601.7%	156	1.3%
Materials	(8)	7	-168.2%	55	0.4%
Metals	(23)	15	-256.2%	(6)	-
Multiple	1,081	44	-	-	-
Real estate	41	21	97.0%	69	0.6%
Technology	(69)	(60)	-66.7%	(65)	-0.5%
Commodities	54	54	0.2%	192	1.6%
Energy	119	89	34.3%	274	2.2%
Metals	(63)	(39)	-63.4%	(91)	-0.7%
Multi-asset class	177	189	-6.3%	480	3.9%
Money market	1,389	1,479	-6.1%	3,595	29.3%
Currency	95	119	-20.3%	74	0.6%
Cryptocurrency	(625)	(40)	-	(513)	-4.2%
Volatility	(3)	4	-171.6%	5	-
Rich inverse/leveraged	\$ 92	\$ 68	35.4%	\$ 215	1.8%

*Source: Investor Economics

Market Share by Asset Category

Asset Category	Current Month	Previous Month	Change	Dec 2022
Total	100.0%	100.0%	-	100.0%
Fixed Income	24.1%	23.8%	0.3%	24.4%
Investment grade	21.4%	20.9%	0.5%	21.6%
Corporate	6.2%	6.3%	-0.1%	6.5%
Government	3.6%	3.3%	0.3%	3.5%
Mix	11.5%	11.3%	0.2%	11.6%
High yield	2.7%	2.9%	-0.1%	2.8%
Corporate	0.8%	0.9%	-0.1%	0.7%
Emerging markets	0.4%	0.4%	-	0.5%
Mix	1.5%	1.5%	-	1.5%
Equity	65.8%	66.8%	-0.3%	65.8%
Canada	21.0%	21.6%	-0.6%	21.6%
US	20.4%	20.7%	-0.3%	20.9%
Emerging Markets	2.0%	1.9%	0.1%	1.9%
International	8.7%	8.6%	0.2%	8.2%
North America	0.5%	0.5%	-	0.5%
Europe	0.3%	0.3%	-	0.3%
Global	4.0%	4.0%	-0.1%	4.0%
Sector	8.6%	8.3%	0.3%	8.3%
Agriculture	0.1%	0.1%	-	0.1%
Consumer staples	0.1%	0.1%	-	0.1%
Energy	1.0%	1.0%	-	1.1%
Financials	1.1%	1.1%	-0.1%	1.2%
Health care	0.9%	0.9%	-	0.9%
Industrials	-	-	-	-
Utilities & Infrastructure	1.2%	1.1%	-	1.2%
Materials	0.6%	0.6%	0.1%	0.6%
Metals	0.1%	0.1%	-	0.1%
Multiple	0.6%	0.3%	0.3%	0.2%
Real estate	0.9%	1.0%	-0.1%	0.9%
Technology	2.0%	1.9%	0.1%	1.8%
Commodities	0.6%	0.6%	-	0.7%
Energy	0.1%	0.1%	-	0.1%
Metals	0.5%	0.4%	-	0.5%
Multi-asset class	3.8%	3.8%	-	3.8%
Money market	4.9%	4.8%	0.1%	4.5%
Currency	0.3%	0.3%	-	0.3%
Cryptocurrency	0.7%	0.8%	-0.1%	0.6%
Volatility	-	-	-	-
Rich inverse/leveraged	0.4%	0.4%	-	0.4%

*Source: Investor Economics

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as of March 31, 2023

AUM of ETFs by Provider by Asset Category

Asset Category	BlackRock	BMO	Vanguard	Horizons	CI Investments	Mackenzie	TD	National Bank	Purpose	Invesco	RBC	Fidelity	Scotia	Harvest	Evolve	CIBC	Manulife	Hamilton	PIMCO	Desjardins
Management Code	BLK	BMO	VNG	HRZ	CIM	MFC	TDM	NBS	PFC	AIM	RBC	FID	BNS	HPG	EVL	CIB	MNL	HAM	PMC	DJD
Total	\$ 96,643	\$ 92,817	\$ 63,461	\$ 25,017	\$ 18,263	\$ 12,850	\$ 9,360	\$ 8,903	\$ 7,375	\$ 5,340	\$ 4,341	\$ 3,830	\$ 3,654	\$ 3,217	\$ 2,704	\$ 2,614	\$ 2,473	\$ 2,268	\$ 2,138	\$ 1,626
Fixed Income	17,693	27,761	8,969	4,633	2,978	6,120	2,808	4,196	801	1,919	2,432	1,252	578	--	32	1,890	426	199	2,138	216
Investment grade	17,154	25,084	8,369	4,547	2,935	3,551	2,781	3,055	557	1,871	2,407	1,252	578	--	32	1,841	426	--	1,59	216
Corporate	4,684	9,168	1,306	794	678	990	48	47	498	435	1,548	140	440	--	--	1,208	415	--	15	7
Government	2,795	6,898	63	141	839	397	1,738	--	--	325	--	--	--	--	--	8	--	--	--	26
Mix	9,675	9,018	7,000	3,613	1,418	2,163	995	3,008	58	1,111	859	1,112	138	--	32	625	12	--	144	183
High yield	539	2,667	--	85	43	2,569	18	1,141	245	49	25	--	249	--	--	49	--	--	199	1,979
Corporate	405	2,008	--	85	16	37	18	--	88	49	25	--	--	--	--	--	--	--	199	--
Emerging markets	89	650	--	--	--	695	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mix	45	9	--	--	1	1,838	--	1,141	157	--	--	--	249	--	--	49	--	--	1,979	--
Equity	73,294	64,106	37,830	13,775	7,457	6,652	6,532	4,317	494	3,385	1,909	2,167	2,826	3,217	923	721	2,047	2,069	--	1,409
Canada	27,178	20,754	8,603	6,491	1,968	1,701	1,642	1,788	9	1,259	731	368	725	92	114	156	785	1,059	--	818
US	18,339	21,682	18,104	4,135	449	2,564	1,866	16	67	1,878	631	943	777	471	60	354	334	500	--	201
Emerging Markets	1,652	2,019	1,625	81	201	629	--	--	8	7	44	--	357	--	--	55	330	--	--	222
International	11,353	9,978	4,817	589	759	755	1,195	512	52	44	213	510	152	--	30	96	596	--	--	148
North America	182	145	--	429	62	546	--	--	317	--	3	--	59	142	--	--	--	--	--	--
Europe	--	792	--	95	--	11	--	--	--	10	--	--	--	--	--	--	--	--	--	--
Global	3,232	1,085	4,361	521	1,667	427	368	885	15	176	1	341	711	3	--	59	--	49	--	22
Sector	11,358	7,652	320	1,434	2,351	19	1,461	1,116	26	12	286	6	46	2,508	719	1	--	461	--	--
Agriculture	442	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Consumer staples	222	69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Energy	1,943	306	--	162	514	--	--	--	--	--	1	--	10	90	--	1	--	--	--	--
Financials	1,689	1,268	--	244	92	--	--	--	--	--	283	--	11	87	--	57	--	126	--	--
Health care	586	431	--	115	248	--	41	--	3	--	--	--	--	1,349	263	--	--	--	--	--
Industrials	--	82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Utilities & Infrastructure	586	3,066	--	3	5	9	105	--	--	--	--	--	25	167	--	--	--	--	--	--
Materials	1,781	84	--	123	181	--	--	--	--	--	--	--	--	--	65	--	--	--	--	--
Metals	292	112	--	--	--	--	--	--	--	--	1	--	--	17	--	--	--	--	--	--
Multiple	--	--	--	185	--	--	--	1,116	4	--	--	--	--	293	22	--	--	335	--	--
Real estate	1,305	651	320	69	692	10	63	--	19	10	--	--	--	12	1	--	--	--	--	--
Technology	2,521	1,567	--	450	613	--	1,251	--	2	1	6	--	494	312	--	--	--	--	--	--
Commodities	1,144	--	--	621	187	--	5	--	313	--	--	--	--	--	--	--	--	--	--	--
Energy	--	--	--	422	--	--	5	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals	1,144	--	--	200	70	--	--	--	236	--	--	--	--	--	--	--	--	--	--	--
Multi-asset class	4,072	548	7,262	296	13	78	24	390	327	36	--	348	--	--	--	3	--	--	--	--
Money market	440	--	--	5,406	6,819	--	--	--	3,631	--	--	--	--	--	1,587	--	--	--	--	--
Currency	--	412	--	183	--	--	--	--	566	--	--	--	--	--	--	--	--	--	--	--
Cryptocurrency	--	--	--	44	808	--	--	--	1,242	--	--	62	--	--	161	--	--	--	--	--
Volatility	--	--	--	58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

*Source: Investor Economics

Number of ETFs by Provider by Asset Category

Asset Category	BlackRock	BMO	Vanguard	Horizons	CI Investments	Mackenzie	TD	National Bank	Purpose	Invesco	RBC	Fidelity	Scotia	Harvest	Evolve	CIBC	Manulife	Hamilton	PIMCO	Desjardins
Management Code	BLK	BMO	VNG	HRZ	CIM	MFC	TDM	NBS	PFC	AIM	RBC	FID	BNS	HPG	EVL	CIB	MNL	HAM	PMC	DJD
Total	146	136	37	107	84	45	38	15	49	47	41	36	26	19	24	27	16	11	6	18
Fixed Income	36	41	9	11	22	19	10	5	7	10	14	4	6	--	2	10	3	1	6	5
Investment grade	32	35	9	9	17	12	8	4	4	8	12	4	5	--	2	5	3	--	5	5
Corporate	12	14	2	3	3	2	4	1	2	3	10	1	3	--	--	2	2	--	1	1
Government	10	14	1	2	3	1	2	--	--	2	--	--	--	--	--	--	--	--	--	--
Mix	10	7	6	4	11	9	2	3	2	3	2	3	2	--	2	2	1	--	4	3
High yield	4	6	--	2	5	7	2	1	3	2	2	--	1	--	--	5	--	1	1	--
Corporate	1	4	--	2	3	1	2	--	1	2	2	--	--	--	--	--	--	1	--	--
Emerging markets	1	1	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mix	2	1	--	200	1	4	--	1	2	--	--	--	1	--	--	--	--	--	--	1
Equity	98	88	23	71	54	22	25	9	24	36	27	25	20	19	17	14	13	10	--	13
Canada	18	10	3	15	7	3	5	3	2	8	5	5	4	2	2	3	4	4	--	4
US	25	23	6	10	9	3	6	1	6	14	4	12	4	2	1	3	5	2	--	3
Emerging Markets	8	3	1	2	3	4	--	--	1	1	2	--	3	--	--	1	1	--	--	2
International	16	10	7	4	8	4	4	2	3	5	7	3	4	--	1	4	3	--	--	2
North America	1	2	--	3	2	1	--	--	6	--	2	--	1	1	--	--	--	--	--	--
Europe	--	1	--	1	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--
Global	9	6	5	3	9	4	5	2	3	5	1	4	1	1	--	2	--	2	--	2
Sector	21	33	1	33	16	2	5	1	3	2	6	1	3	13	13	1	--	2	--	--
Agriculture	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Consumer staples	1	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Energy	2	3	--	3	1	--	--	--	--	--	1	--	1	2	--	1	--	--	--	--
Financials	2	3	--	4	1	--	--	--	--	--	3	--	1	1	2	--	--	1	--	--
Health care	2	3	--	6	3	--	1	--	1	--	--	--	--	2	--	--	--	--	--	--
Industrials	--	1	--	--	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Utilities & Infrastructure	2	4	--	1	2	1	1	--	--	--	--	--	1	2	--	--	--	--	--	--
Materials	3	1	--	2	1	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--
Metals	1	2	--	3	--	--	--	--	--	--	1	--	--	1	--	--	--	--	--	--
Multiple	--	--	--	--	--	--	--	1	1	--	--	--	--	--	1	2	--	--	1	--
Real estate	2	2	1	3	3	1	1	--	1	--	--	--	--	1	1	--	--	--	--	--
Technology	5	10	--	10	4	--	2	--	1	1	1	1	--	3	6	--	--	--	--	--
Commodities	2	--	--	14	2	--	1	--	3	--	--	--	--	--	--	--	--	--	--	--
Energy	--	--	--	7	--	--														

CETFA Monthly Report (\$ millions)

as of March 31, 2023

AUM of ETFs by Provider by Asset Category

Asset Category	Franklin Templeton	AGF	Ninepoint	Picton Mahoney	Brompton	First Trust	3IQ	Middlefield	Bristol Gate	Guardian	Emerge	IA Clarington	Lysander	Russell	Accelerate	Arrow	Starlight	SmartBe	Evermore	Caldwell	Norrep	Mulvihill
Management Code	FLS	AGF	NPP	PMF	BRM	FTP	3IQ	MDG	BRI	GCL	EMR	IAC	LYS	RUS	ACL	ACM	STR	SBWI	EVR	CAL	NOR	MLV
Total	\$ 1,286,518	\$ 1,185,165	\$ 653,32	\$ 624,375	\$ 589,58	\$ 385,44	\$ 327,2	\$ 289,2	\$ 230,2	\$ 220,65	\$ 120,39	\$ 106,73	\$ 80,6	\$ 67,38	\$ 67,22	\$ 43,25	\$ 25,13	\$ 13,9	\$ 12,5	\$ 5,0	\$ 0,0	\$ 0,0
Fixed Income	518	165	32	375	58	44	2	2	2	65	39	39	6	38	22	25	13	9	5	0	0	0
Investment grade	508	165	31	331	58	44	2	2	2	65	39	39	6	38	22	25	13	9	5	0	0	0
Corporate	33	—	—	330	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Government	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mix	475	165	31	1	58	—	—	—	—	65	—	39	6	38	—	—	—	—	—	—	—	—
High yield	10	—	1	43	—	—	—	—	—	—	—	34	—	—	22	—	—	—	—	—	—	—
Corporate	—	—	—	—	—	—	—	—	—	—	—	12	—	—	22	—	—	—	—	—	—	—
Emerging markets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mix	10	—	1	43	—	—	—	—	—	—	—	22	—	—	—	—	—	—	—	—	—	—
Equity	764	1,021	572	215	288	323	—	269	230	153	120	—	73	29	10	2	25	13	9	5	0	0
Canada	195	62	—	24	—	—	—	61	10	3	—	—	73	—	3	2	—	3	—	—	—	—
US	304	483	—	—	—	181	—	36	220	—	1	—	—	—	—	—	10	—	—	5	—	—
Emerging Markets	5	50	—	—	—	—	—	—	8	1	—	—	—	—	—	—	—	—	—	—	—	—
International	44	39	3	—	8	22	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—
North America	—	—	—	—	—	—	—	—	—	—	1	—	—	—	8	—	—	—	—	—	—	—
Europe	161	—	—	—	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Global	39	129	—	191	82	3	—	—	132	2	—	—	—	—	—	—	—	—	9	—	—	—
Sector	16	257	569	—	178	56	—	233	6	114	—	—	—	29	—	—	25	—	—	—	—	—
Agriculture	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer staples	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	—	—	569	—	—	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Financials	—	—	—	—	39	—	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—
Health care	—	—	—	—	64	—	—	130	—	14	—	—	—	—	—	—	—	—	—	—	—	—
Industrials	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utilities & Infrastructure	12	257	—	—	—	—	—	—	—	—	—	—	—	29	—	—	13	—	—	—	—	—
Materials	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Multiple	—	—	—	—	—	—	—	—	—	—	79	—	—	—	—	—	—	—	—	—	—	—
Real estate	—	—	—	—	—	—	—	104	—	6	—	—	—	—	—	—	12	—	—	—	—	—
Technology	4	—	—	—	75	43	—	—	—	16	—	—	—	—	—	—	—	—	—	—	—	—
Commodities	—	—	—	—	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metals	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Multi-asset class	3	—	—	34	197	19	—	—	1	—	34	—	—	—	54	19	—	—	3	—	—	—
Money market	—	—	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Currency	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cryptocurrency	—	—	34	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—
Volatility	—	—	—	—	—	—	327	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

*Source: Investor Economics

Number of ETFs by Provider by Asset Category

Asset Category	Franklin Templeton	AGF	Ninepoint	Picton Mahoney	Brompton	First Trust	3IQ	Middlefield	Bristol Gate	Guardian	Emerge	IA Clarington	Lysander	Russell	Accelerate	Arrow	Starlight	SmartBe	Evermore	Caldwell	Norrep	Mulvihill
Management Code	FLS	AGF	NPP	PMF	BRM	FTP	3IQ	MDG	BRI	GCL	EMR	IAC	LYS	RUS	ACL	ACM	STR	SBWI	EVR	CAL	NOR	MLV
Total	21	10	8	8	10	22	2	4	2	10	11	5	3	3	5	3	2	2	8	1	1	1
Fixed Income	7	2	2	3	1	2	—	—	—	1	—	3	2	1	—	1	—	—	—	—	—	—
Investment grade	6	2	1	2	1	—	—	—	—	1	—	1	2	1	—	—	—	—	—	—	—	—
Corporate	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Government	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mix	5	2	1	1	1	—	—	—	—	1	—	1	2	1	—	—	—	—	—	—	—	—
High yield	1	—	1	1	—	2	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—
Corporate	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—
Emerging markets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mix	1	—	1	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Equity	13	8	4	3	6	19	—	4	2	8	11	—	1	2	2	1	2	2	6	1	1	1
Canada	2	1	—	1	—	1	—	—	1	1	—	—	—	1	—	1	—	1	—	—	—	—
US	1	2	—	—	—	8	—	—	1	—	1	—	—	—	—	—	—	—	—	1	—	—
Emerging Markets	1	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
International	2	1	2	—	1	2	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
North America	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—
Europe	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Global	3	2	—	2	1	1	—	—	4	2	—	—	—	—	—	—	—	—	6	—	—	1
Sector	2	1	2	—	3	7	—	—	3	1	6	—	—	2	—	—	—	—	—	—	—	—
Agriculture	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer staples	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	—	—	2	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Financials	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health care	—	—	—	—	1	—	—	—	2	—	1	—	—	—	—	—	—	—	—	—	—	—
Industrials	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Utilities & Infrastructure	1	1	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	1	—	—	—	—
Materials	—</																					

CETFA Monthly Report (\$ millions)

as of March 31, 2023

AUM by Asset Category

Asset Category	Current Month	Previous Month	Change	Dec 2022
Total	\$ 365,168	\$ 355,634	2.7%	\$ 339,669
Fixed income	88,071	84,618	4.1%	82,771
Investment grade	78,058	74,347	5.0%	73,353
Corporate	22,785	22,363	1.9%	22,037
Government	13,230	11,891	11.3%	11,751
Mix	42,042	40,093	4.9%	39,565
High yield	10,013	10,271	-2.5%	9,418
Corporate	3,002	3,340	-10.1%	2,449
Emerging markets	1,433	1,429	0.3%	1,761
Mix	5,551	5,477	1.3%	5,180
Equity	239,250	234,112	2.2%	223,579
Canada	76,676	76,752	-0.1%	73,313
US	74,610	73,581	1.4%	70,915
Emerging Markets	7,294	6,757	7.9%	6,586
International	31,921	30,412	5.0%	27,996
North America	1,893	1,842	2.7%	1,779
Europe	1,089	1,054	3.3%	1,038
Global	14,509	14,317	1.3%	13,646
Sector	31,258	29,396	6.3%	28,307
Agriculture	449	475	-5.6%	480
Consumer staples	291	263	10.7%	258
Energy	3,610	3,663	-1.5%	3,797
Financials	3,902	4,049	-3.6%	3,945
Health care	3,244	3,092	4.9%	3,061
Industrials	82	44	86.0%	40
Utilities & Infrastructure	4,276	4,055	5.4%	4,103
Materials	2,234	1,990	12.2%	1,959
Metals	495	514	-3.7%	457
Multiple	2,033	943	115.6%	815
Real estate	3,274	3,418	-4.2%	3,137
Technology	7,354	6,875	7.0%	6,248
Commodities	2,285	2,218	3.0%	2,211
Energy	426	469	-9.2%	427
Metals	1,650	1,537	7.3%	1,583
Multi-asset class	13,763	13,496	2.0%	12,740
Money market	17,898	17,156	4.3%	15,221
Currency	1,161	1,048	10.9%	1,031
Cryptocurrency	2,681	2,920	-8.2%	2,040
Volatility	58	66	-12.2%	76