

VOLATILITY



Based on 3 year standard deviation

TOP HOLDINGS

as of July 31, 2019

BMO Mid-Term U.S. IG Corporate Bond Idx ETF (ZIC)	23.20%
iShares iBoxx \$ Invest Grade Corp Bond ETF (LQD)	17.06%
iShares Core US Credit Bond ETF	17.03%
Vanguard Intermediate Term Corporate Bond ETF	17.02%
BMO Mid Corporate Bond Index ETF (ZCM)	8.03%
BMO Discount Bond Index ETF (ZDB)	8.02%
BMO Long Corporate Bond Index ETF (ZLC)	7.96%
CAD Currency	2.34%
USD Currency	-0.66%

ASSET ALLOCATION

as of July 31, 2019



Foreign Corporate Bonds	73.8%
Canadian Corporate Bonds	17.5%
Canadian Government Bonds	6.3%
Cash and Equivalents	1.9%
Foreign Government Bonds	0.3%
Other	0.1%

SECTOR ALLOCATION

as of July 31, 2019



Fixed Income	98.0%
Cash and Cash Equivalent	1.9%
Financial Services	0.1%
Mutual Fund	0.0%
Utilities	0.0%
Other	0.0%

GEOGRAPHIC ALLOCATION

as of July 31, 2019



North America	99.7%
Europe	0.2%
Asia	0.2%
Latin America	0.0%
Other	0.0%

STYLE

as of July 31, 2019

	Value	Blend	Growth	
				Large
				Medium
				Small

**UNIVERSAL LIFE
MANAGED INDEXED ACCOUNTS**

FIXED INCOME

BMO Tactical Global Bond ETF Fund A

The information contained in this profile is related to the index indicated above. As part of a BMO Life Assurance Company policy, you do not purchase units in this index or a legal interest in any security.

OBJECTIVE

This fund's objective is to provide long-term capital growth and income by investing primarily in a diversified portfolio of global fixed income exchange traded funds. The fund's asset mix may be changed over time to reflect the portfolio manager's outlook for each asset class.

Category	Global Fixed Income	Fund Managers	Start Date
Managed By	BMO Investments Inc.	Paul Vendrinsky	4/13/2015
Inception Date	April 17, 2015		
Designated Fund MER	1.60%		
Total Assets (\$ millions)	4.77		

COMPOUND RETURN

as of July 31, 2019

Period	1 Mth	3 Mth	6 Mth	1 Yr	3 Yr	5 Yr	10 Yr	Inception
Designated Fund	0.80%	2.64%	7.14%	10.50%	1.41%	-	-	2.91%
Benchmark	0.21%	0.87%	3.86%	6.81%	1.52%	5.40%	4.79%	-
Quartile	1	1	1	1	2	-	-	-

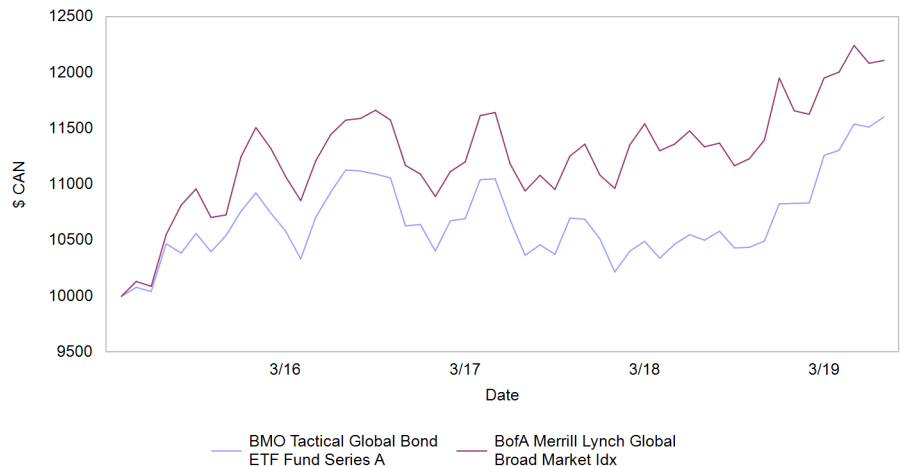
CALENDAR RETURN

as of July 31, 2019

Period	2018	2017	2016	2015	2014	2013	2012	2011	2010
Designated Fund	2.97%	-1.21%	-1.09%	-	-	-	-	-	-
Benchmark	7.82%	-0.08%	-1.36%	16.63%	10.42%	3.88%	1.95%	8.61%	0.10%
Quartile	1	4	3	-	-	-	-	-	-

GROWTH OF \$10,000

Annual values as of July 31 2019



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Past performance is no guarantee of future performance. All returns are historical annual compounded total rates of return and reflect changes in yield and distributions reinvested. Managed Indexed, Managed Portfolios and Market Indexed accounts credit an interest amount mirroring the net rate of return of a specified underlying investment, less a BMO Life Assurance Company daily management fee. These rates of return do not reflect the current BMO Life Assurance Company management / universal life fee which must be taken into consideration when determining the net return earned on the account.

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