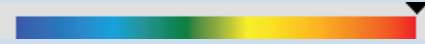


VOLATILITY



Based on 3 year standard deviation

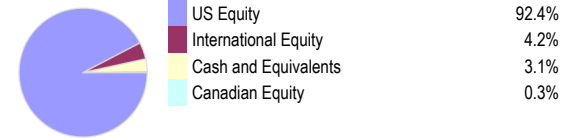
TOP HOLDINGS

as of June 30, 2019

Microsoft Corp	10.86%
Amazon.com Inc	9.87%
Apple Inc	9.64%
Facebook Inc Cl A	4.96%
Alphabet Inc Cl C	4.02%
Alphabet Inc Cl A	3.53%
CAD Currency Forward	2.87%
Cisco Systems Inc	2.75%
Intel Corp	2.52%
Comcast Corp Cl A	2.25%

ASSET ALLOCATION

as of June 30, 2019



SECTOR ALLOCATION

as of June 30, 2019



GEOGRAPHIC ALLOCATION

as of June 30, 2019



STYLE

as of June 30, 2019

Value	Blend	Growth	
		Large	Large
			Medium
			Small

**UNIVERSAL LIFE
MARKET INDEXED ACCOUNT**

US EQUITY

BMO Nasdaq 100 Equity Hgd to CAD Idx ETF

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

BMO Nasdaq 100 Equity Hedged to CAD Index ETF has been designed to replicate, to the extent possible, the performance of a NASDAQ listed companies index, net of expenses.

Category	U.S. Equity	Fund Managers	Start Date
Managed By	BMO Asset Management Inc.	Michael Stanley	1/19/2010
Inception Date	January 19, 2010		
Designated Fund MER	0.39%		
Total Assets (\$ millions)	-		

COMPOUND RETURN

as of June 30, 2019

Period	1 Mth	3 Mth	6 Mth	1 Yr	3 Yr	5 Yr	10 Yr	Inception
Designated Fund	7.35%	3.60%	20.21%	7.52%	19.65%	14.81%	-	16.08%
Benchmark	3.57%	2.15%	13.72%	9.74%	14.69%	15.33%	16.07%	-
Quartile	1	1	1	2	1	1	-	-

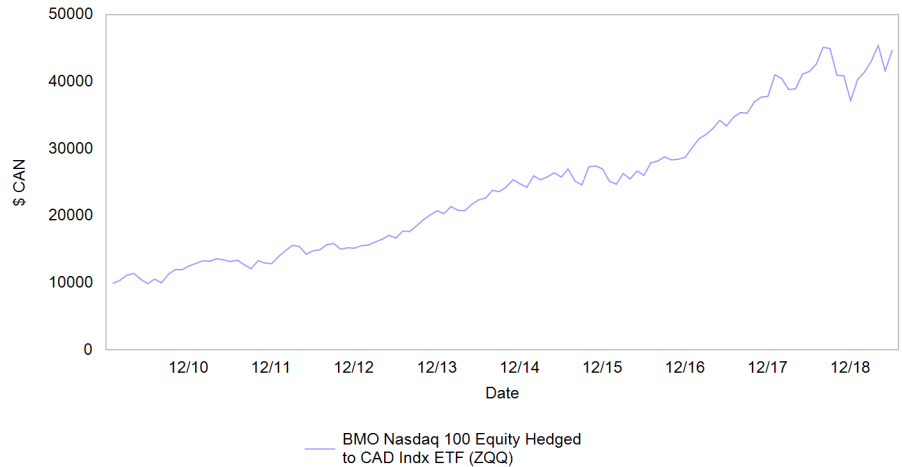
CALENDAR RETURN

as of June 30, 2019

Period	2018	2017	2016	2015	2014	2013	2012	2011	2010
Designated Fund	-1.85%	31.62%	6.41%	8.88%	19.43%	36.56%	17.84%	2.73%	-
Benchmark	3.98%	13.80%	8.65%	20.77%	24.19%	41.93%	13.16%	4.41%	8.81%
Quartile	3	1	2	4	2	3	1	1	-

GROWTH OF \$10,000

Annual values as of June 30 2019



The information contained on this page is related only to the designated fund or funds shown above. As part of a BMO Life Assurance Company policy, you do not purchase units in these designated funds or a legal interest in any security.

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. The 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 fee which must be taken into consideration when determining the net return earned on the account.

Information contained in this document is for illustrative purposes only and is subject to change without notice. The contents of this profile are provided for informational and educational purposes and are not intended to provide investment, tax or legal advice. While every effort has been made to provide accurate and complete information, BMO Life Assurance Company and Fundata Canada will not be held liable for any inaccuracies, errors or omissions in the information provided.

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Data Provided By Fundata