

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) | 9.18% |
| iShares Brd USD Invest Grade Corp Bnd ETF (CRED) | 6.75% |
| iShares iBoxx \$ Invest Grade Corp Bond ETF (LQD) | 6.74% |
| Vanguard Intermediate Term Corporate Bond ETF | 6.73% |
| Union Pacific Corp | 5.10% |
| Waste Connections Inc | 4.91% |
| MasterCard Inc | 4.88% |
| Microsoft Corp | 4.84% |
| Cisco Systems Inc | 4.84% |
| iShares Mrtg Real Estate Capped ETF | 3.43% |

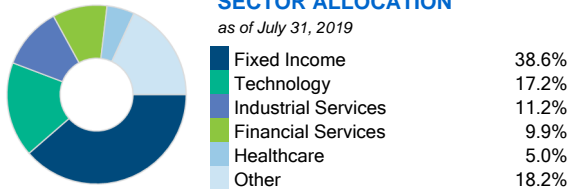
ASSET ALLOCATION

as of July 31, 2019



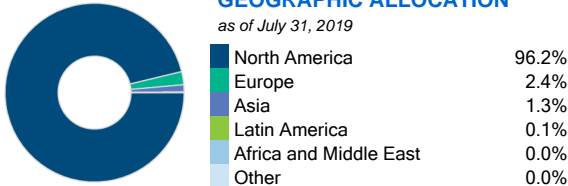
SECTOR ALLOCATION

as of July 31, 2019



GEOGRAPHIC ALLOCATION

as of July 31, 2019



STYLE

as of July 31, 2019

| | | | |
|-------|-------|--------|--------|
| Value | Blend | Growth | |
| | | | Large |
| | | | Medium |
| | | | Small |

**UNIVERSAL LIFE
MANAGED INDEXED ACCOUNTS**

BALANCED FUNDS

BMO Tactical Global A Alloc ETF Fd Adv

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 preservation of capital by investing primarily in a globally diversified balanced portfolio. The fund's asset mix with respect to equities and bonds may be changed over time to reflect the portfolio manager's outlook.

| | | | |
|-----------------------------------|----------------------|----------------------|-------------------|
| Category | Tactical Balanced | Fund Managers | Start Date |
| Managed By | BMO Investments Inc. | Paul Vendrinsky | 4/28/2016 |
| Inception Date | April 28, 2016 | | |
| Designated Fund MER | 1.75% | | |
| Total Assets (\$ millions) | 119.87 | | |

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 | 1.58% | 0.39% | 6.87% | 5.69% | 6.11% | - | - | 7.61% |
| Benchmark | 0.49% | -0.42% | 6.15% | 5.39% | 6.57% | 8.51% | 8.84% | - |
| Quartile | 1 | 2 | 1 | 1 | 1 | - | - | - |

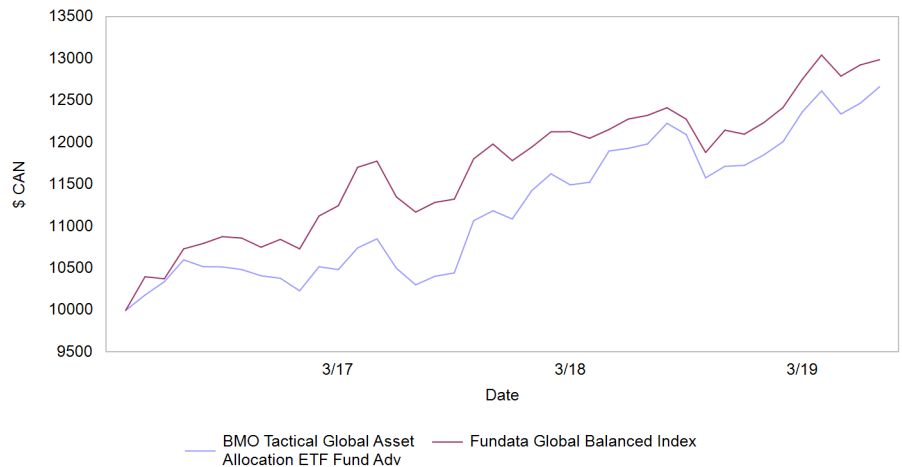
CALENDAR RETURN

as of July 31, 2019

| Period | 2018 | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 |
|-----------------|-------|-------|-------|--------|--------|--------|-------|-------|-------|
| Designated Fund | 5.76% | 6.81% | - | - | - | - | - | - | - |
| Benchmark | 2.68% | 8.66% | 2.39% | 17.05% | 12.44% | 18.86% | 8.49% | 0.80% | 4.85% |
| Quartile | 1 | 2 | - | - | - | - | - | - | - |

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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