

BMO SmartFolio™ Long Term Growth Portfolio

As of 30/06/2019

Portfolio Details

Inception Date	31/12/2015
# of Holdings	16
% Asset in Top 10 Holding	83.2
12 Month Yield	2.3

Blended Benchmark: 30% S&P 500, 25% MSCI EAFE, 20% FTSE TMX Canada Universe Bond Index, 10% S&P TSX, 10% MSCI Emerging Markets Index, 5% Barclays U.S. Aggregate Bond Index hedged to CAD

Style: Quantitative

Portfolio Managers

Kevin Gopaul

Head, BMO Global Asset Management Canada and Global Head of Quantitative Strategies and ETFs, BMO Global Asset Management

Amit Prakash

Managing Director, Multi-Asset & Alternative Investments
Industry Experience: Since 1995

Irina Skrylev, M.A., CIM, RPM

Senior Associate, Analyst, Multi-Asset Solutions
Industry Experience: Since 2011

Adam Papallo, CFA

Director, Research Analyst & Investment Strategist, Multi-Asset Solutions
Industry Experience: Since 2008

Howard Lee, MSc, FRM

Director, Research Analyst & Investment Strategist, Multi-Asset Solutions
Industry Experience: Since 2000

Risk Statistics - 3 years

Time Period: 01/07/2016 to 30/06/2019

	Portfolio	Bmk
Return	7.8	9.5
Std Dev	7.5	6.7
Sharpe Ratio	0.8	1.2
Beta	1.1	1.0
Up Capture Ratio	87.7	100.0
Down Capture Ratio	115.4	100.0
Tracking Error	2.0	0.0
Information Ratio	-0.9	—

Company Profile:

BMO Global Asset Management (BMO GAM) is a global investment manager focused on meeting the needs of investors, both locally and globally. The business is characterized by specialized regional investment teams that provide a wide range of investment solutions to clients across North America, Europe, Asia/Pacific and the Middle East. BMO GAM is a part of BMO Financial Group, a highly diversified financial services organization headquartered in Toronto, Canada.

Investment Objective:

The Portfolio's objective is to maximize returns over time by investing in exchange traded funds (ETFs) that invest primarily in Canadian and foreign equity securities and to a lesser extent some exposure to Canadian and foreign fixed income securities.

Investment Philosophy

The Portfolio Manager believes that a structured, transparent and understandable process can efficiently achieve attractive long-term risk-adjusted returns across various risk profiles.

Investment Process

The Portfolio Manager identifies and focuses on themes that are expected to drive global market returns. This is achieved by connecting with their investment teams around the world and sourcing the trends that are driving market activity in each of their local regions. Their global team of portfolio managers meets in person on a quarterly basis to discuss their longer-term views while more-periodic discussion occurs regarding shorter-term opportunities driving relative market returns.

Portfolio Construction/Risk Management

The Portfolio Manager focuses on fixed income and equity ETFs that provide broad-based geographical and/or thematic exposures. Prior to entering the portfolio, each ETF is evaluated based on its risk/return characteristics and its contribution to the overall portfolio. In constructing the portfolio, they utilize sophisticated algorithms to weigh risk, return and costs. As a result, the portfolio is optimized to achieve the greatest return for the intended amount of risk.

Their process is systematic and thorough. However, the portfolio is not constructed entirely by robotic algorithms. Expert portfolio managers provide a human element by verifying every position and ensuring they are philosophically consistent with the portfolio's investment objectives. Their portfolio managers make each investment decision and conduct frequent checks.

Sell Discipline/Rebalancing

The Portfolio Manager's dynamic algorithms are utilized to ensure they deliver an ideal portfolio reducing unnecessary turnover and/or trading activity.

Annualized Returns (%)

	3 months	YTD	1 year	3 years	Since Inception
Portfolio	1.9	11.7	6.8	7.8	7.8

Calendar Year Returns (%)

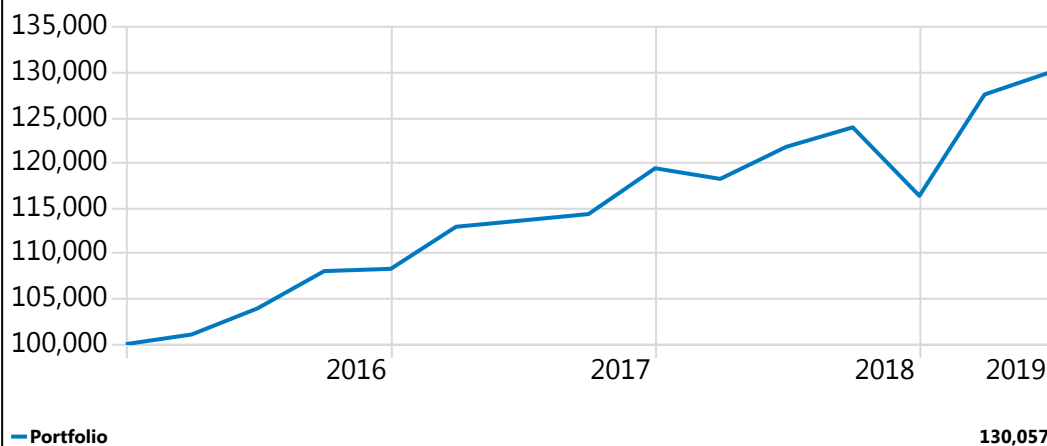
	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
Portfolio	-2.5	10.3	8.3	—	—	—	—	—	—	—

Top Holdings (%)

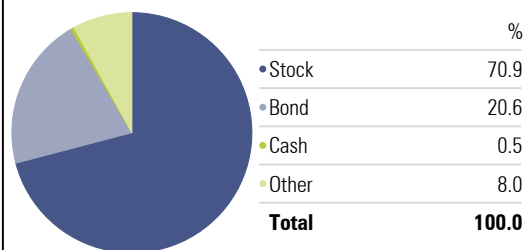
BMO Low Volatility US Equity ETF (CAD)	13.6
BMO S&P/TSX Capped Composite ETF	11.0
BMO MSCI USA High Quality ETF	10.8
BMO MT US IG Corp Bd Hdgd to CAD E	10.4
BMO MSCI EAFE ETF	10.3
BMO Aggregate Bond ETF	7.0
BMO S&P 500 ETF (CAD)	6.0
BMO Global Infrastructure ETF	5.3
BMO Eq Wght US HlthCare Hdgd to CA	4.0
BMO High Yld US Corp Bd Hdgd to CAI	3.9

Investment Growth of \$100,000

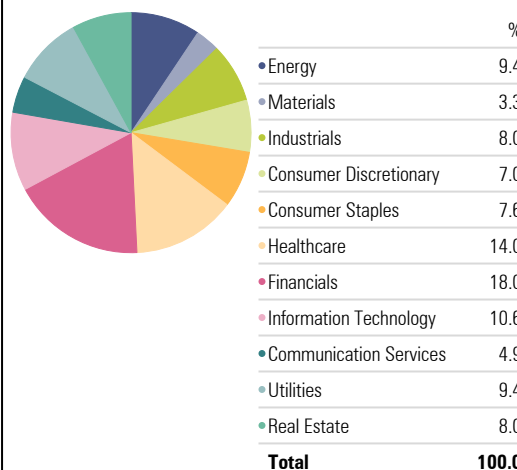
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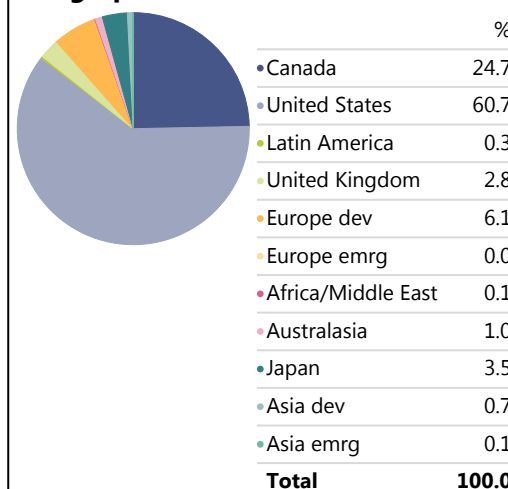
Asset Allocation



Sector Allocation



Geographic Allocation



Portfolio returns are presented gross of fees. Rates of return are time weighted, calculated on a total return basis, and annualized for all periods greater than one year. Past performance is not necessarily an indicator of future performance. The performance shown as indicated above and may not reflect the actual performance of clients in the BMO Nesbitt Burns SmartFolio Program. This report is prepared solely for information purposes in connection with the BMO Nesbitt Burns SmartFolio Program.

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