

# Model ETF Portfolios as of December 31, 2019

20% stocks

70% bonds 30% stocks

60% bonds 40% stocks

50% bonds 50% stocks

40% bonds 60% stocks

30% bonds 70% stocks

20% bonds 80% stocks 10% bonds 90% stocks

100% stocks

Portfolio Complexity: Light



80% bonds

















		iShares Core Income Balanced ETF Portfolio	50% XINC / 50% XCNS	iShares Core Conservative Balanced ETF Portfolio	50% XCNS / 50% XBAL	iShares Core Balanced ETF Portfolio	50% XBAL / 50% XGRO	iShares Core Growth ETF Portfolio	50% XGRO / 50% XEQT	iShares Core Equity ETF Portfolio
Underlying ETFs Syr	mbol	XINC		XCNS		XBAL		XGRO		XEQT
iShares Core Canadian ST Corp + Maple Bond Index ETF X	SH	12.0%	10.5%	9.0%	7.5%	6.0%	4.5%	3.0%	1.5%	0.0%
iShares Core Canadian Universe Bond Index ETF X	BB	52.0%	45.5%	39.0%	32.5%	26.0%	19.5%	13.0%	6.5%	0.0%
iShares U.S. Treasury Bond ETF (CAD-hedged)	OVT	8.0%	7.0%	6.0%	5.0%	4.0%	3.0%	2.0%	1.0%	0.0%
iShares Broad USD IG Corporate Bond ETF (CAD-hedged)	SIG	8.0%	7.0%	6.0%	5.0%	4.0%	3.0%	2.0%	1.0%	0.0%
iShares Core S&P/TSX Capped Composite Index ETF	KIC	5.0%	7.5%	10.0%	12.5%	15.0%	17.5%	20.0%	22.5%	25.0%
iShares Core S&P Total U.S. Stock Market ETF	ГОТ	9.0%	13.5%	18.0%	22.5%	27.0%	31.5%	36.0%	40.5%	45.0%
iShares Core MSCI EAFE IMI Index ETF X	(EF	5.0%	7.5%	10.0%	12.5%	15.0%	17.5%	20.0%	22.5%	25.0%
iShares Core MSCI Emerging Markets ETF	MG	1.0%	1.5%	2.0%	2.5%	3.0%	3.5%	4.0%	4.5%	5.0%
Target asset allocations as of December 31, 2019		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Management Expense Ratio (MER)		0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%
Foreign Withholding Tax Ratio (FWTR): Tax-Deferred and Tax-Free Acc	counts	0.04%	0.07%	0.09%	0.11%	0.13%	0.15%	0.17%	0.20%	0.22%
Foreign Withholding Tax Ratio (FWTR): Taxable Accounts		0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Hypothetical Performance as of December 31, 2019										
1-Year Return		9.37%	10.82%	12.28%	13.73%	15.19%	16.57%	17.96%	19.47%	20.99%
3-Year Annualized Return		4.51%	5.21%	5.91%	6.59%	7.27%	7.93%	8.57%	9.25%	9.92%
5-Year Annualized Return		4.18%	4.91%	5.64%	6.36%	7.08%	7.78%	8.47%	9.18%	9.88%
10-Year Annualized Return		5.20%	5.92%	6.63%	7.33%	8.03%	8.72%	9.40%	10.08%	10.76%
20-Year Annualized Return		5.10%	5.13%	5.14%	5.14%	5.13%	5.09%	5.04%	4.98%	4.91%
25-Year Annualized Return		6.27%	6.51%	6.74%	6.95%	7.15%	7.33%	7.49%	7.64%	7.77%
Lowest 1-Year Return		-4.58%	-8.56%	-12.41%	-16.13%	-19.73%	-23.21%	-26.57%	-29.81%	-32.95%
25-Year Annualized Standard Deviation		3.74%	4.40%	5.26%	6.24%	7.29%	8.38%	9.50%	10.63%	11.78%

Sources: Morningstar Direct, MSCI, S&P Dow Jones and FTSE Russell Index Fact Sheets as of December 31, 2019.

This table is published by Justin Bender for your information only. Information on which this table is based is available on request. Particular investments or trading strategies should be evaluated relative to each individual's objectives in consultation with the Investment Advisor. Opinions of Justin Bender constitute his judgment as of the date on this document, and are subject to change without notice. They are provided in good faith but without responsibility for any errors or omissions contained herein. This table is furnished on the basis and understanding that neither Justin Bender nor his employees, agents or information suppliers is to be under any responsibility of liability whatsoever in respect thereof.



## Performance Methodology as of December 31, 2019

#### **Canadian Bonds**

01/1995-08/2019: Monthly returns of the FTSE Canada Universe Bond Index, minus 0.0175% per month

### Canadian Short-Term Bonds

01/1995-08/2019: Monthly returns of the FTSE Canada Short-Term Bond Index, minus 0.0175% per month

## U.S. Bonds (CAD-hedged)

01/1995-08/2019: Monthly returns of the Bloomberg Barclays US Aggregate Bond Index (CAD Hedged), minus 0.0175% per month

#### Canadian Stocks

01/1995-08/2019: Monthly returns of the S&P/TSX Composite Index, minus 0.0175% per month

#### U.S. Stocks

01/1995-08/2019: Monthly returns of the MSCI USA IMI Index (net div.) (in CAD), minus 0.0175% per month

#### International Stocks

01/1995-08/2019: Monthly returns of the MSCI EAFE IMI Index (net div.) (in CAD), minus 0.0175% per month

#### Emerging Markets Stocks

01/1995-08/2019: Monthly returns of the MSCI Emerging Markets IMI Index (net div.) (in CAD), minus 0.0175% per month

## iShares Core Income Balanced ETF Portfolio (XINC)

01/1995-08/2019: 52% Canadian Bonds + 12% Canadian Short-Term Bonds + 16% U.S. Bonds (CAD-hedged) + 5% Canadian Stocks + 9% U.S. Stocks + 5% International Stocks + 1% Emerging Markets Stocks, rebalanced monthly 09/2019-12/2019: Monthly returns of the iShares Core Income Balanced ETF Portfolio (XINC)

#### 50% XINC / 50% XCNS

01/1995-12/2019: 50% iShares Core Income Balanced ETF Portfolio (XINC) + 50% iShares Core Conservative Balanced ETF Portfolio (XCNS), rebalanced monthly

## iShares Core Conservative Balanced ETF Portfolio (XCNS)

01/1995-08/2019: 39% Canadian Bonds + 9% Canadian Short-Term Bonds + 12% U.S. Bonds (CAD-hedged) + 10% Canadian Stocks + 18% U.S. Stocks + 10% International Stocks + 2% Emerging Markets Stocks, rebalanced monthly 09/2019-12/2019: Monthly returns of the iShares Core Conservative Balanced ETF Portfolio (XCNS)

#### 50% XCNS / 50% XBAL

01/1995-12/2019: 50% iShares Core Conservative Balanced ETF Portfolio (XCNS) + 50% iShares Core Balanced ETF Portfolio (XBAL), rebalanced monthly

### iShares Core Balanced ETF Portfolio (XBAL)

01/1995-12/2018: 26% Canadian Bonds + 6% Canadian Short-Term Bonds + 8% U.S. Bonds (CAD-hedged) + 15% Canadian Stocks + 27% U.S. Stocks + 15% International Stocks + 3% Emerging Markets Stocks, rebalanced monthly 01/2019-12/2019: Monthly returns of the iShares Core Balanced ETF Portfolio (XBAL)

#### 50% XBAL / 50% XGRO

01/1995-12/2019: 50% iShares Core Balanced ETF Portfolio (XBAL) + 50% iShares Core Growth ETF Portfolio (XGRO), rebalanced monthly

## iShares Core Growth ETF Portfolio (XGRO)

01/1995-12/2018: 13% Canadian Bonds + 3% Canadian Short-Term Bonds + 4% U.S. Bonds (CAD-hedged) + 20% Canadian Stocks + 36% U.S. Stocks + 20% International Stocks + 4% Emerging Markets Stocks, rebalanced monthly 01/2019-12/2019: Monthly returns of the iShares Core Growth ETF Portfolio (XGRO)

#### 50% XGRO / 50% XEQT

01/1995-12/2019: 50% iShares Core Growth ETF Portfolio (XGRO) + 50% iShares Core Equity ETF Portfolio (XEQT), rebalanced monthly

## iShares Core Equity ETF Portfolio (XEQT)

01/1995-08/2019: 25% Canadian Stocks + 45% U.S. Stocks + 25% International Stocks + 5% Emerging Markets Stocks, rebalanced monthly 09/2019-12/2019: Monthly returns of the iShares Core Equity ETF Portfolio (XEQT)

Sources: Morningstar Direct, MSCI, S&P Dow Jones and FTSE Russell Index Fact Sheets as of December 31, 2019.

This table is published by Justin Bender for your information only. Information on which this table is based is available on request. Particular investments or trading strategies should be evaluated relative to each individual's objectives in consultation with the Investment Advisor. Opinions of Justin Bender constitute his judgment as of the date on this document, and are subject to change without notice. They are provided in good faith but without responsibility for any errors or omissions contained herein. This table is furnished on the basis and understanding that neither Justin Bender nor his employees, agents or information suppliers is to be under any responsibility of liability whatsoever in respect thereof.