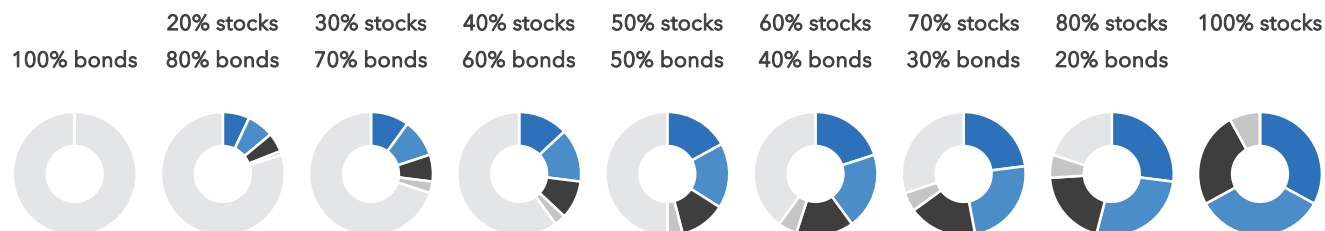


Model ETF Portfolios as of December 31, 2017

TFSA, RESP and RDSP Accounts



Security Name	Symbol	100% bonds	20% stocks 80% bonds	30% stocks 70% bonds	40% stocks 60% bonds	50% stocks 50% bonds	60% stocks 40% bonds	70% stocks 30% bonds	80% stocks 20% bonds	100% stocks
Vanguard FTSE Canada All Cap Index ETF	VCN	0.0%	7.0%	10.0%	13.0%	17.0%	20.0%	23.0%	27.0%	33.0%
iShares Core S&P U.S. Total Market Index ETF	XUU	0.0%	7.0%	10.0%	14.0%	17.0%	20.0%	24.0%	27.0%	34.0%
iShares Core MSCI EAFE IMI Index ETF	XEF	0.0%	5.0%	7.0%	10.0%	12.0%	15.0%	18.0%	20.0%	25.0%
iShares Core MSCI Emerging Markets IMI Index ETF	XEC	0.0%	1.0%	3.0%	3.0%	4.0%	5.0%	5.0%	6.0%	8.0%
BMO Aggregate Bond Index ETF	ZAG	100.0%	80.0%	70.0%	60.0%	50.0%	40.0%	30.0%	20.0%	0.0%
		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Management Expense Ratio (MER)		0.10%	0.10%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.12%
Foreign Withholding Tax (Estimated)		0.00%	0.04%	0.06%	0.08%	0.10%	0.12%	0.14%	0.16%	0.20%
Model Performance as of December 31, 2017										
YTD Return		2.30%	4.47%	5.77%	6.83%	7.94%	9.15%	10.20%	11.32%	13.68%
1-Year Return		2.30%	4.47%	5.77%	6.83%	7.94%	9.15%	10.20%	11.32%	13.68%
3-Year Annualized Return		2.36%	4.07%	4.94%	5.84%	6.66%	7.53%	8.42%	9.24%	11.00%
5-Year Annualized Return		2.76%	5.12%	6.21%	7.45%	8.52%	9.64%	10.86%	11.91%	14.17%
10-Year Annualized Return		4.39%	5.15%	5.46%	5.80%	6.05%	6.26%	6.50%	6.65%	6.88%
20-Year Annualized Return		5.27%	5.73%	5.95%	6.10%	6.26%	6.36%	6.43%	6.50%	6.51%
Lowest 1-Year Return		-3.13%	-3.82%	-7.81%	-11.56%	-15.47%	-19.34%	-23.02%	-26.86%	-34.34%
20-Year Annualized Standard Deviation		3.66%	3.92%	4.61%	5.45%	6.47%	7.56%	8.67%	9.88%	12.36%

Sources: Morningstar Direct, MSCI, S&P Dow Jones, and FTSE TMX Indices courtesy of Dimensional Returns 2.0

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