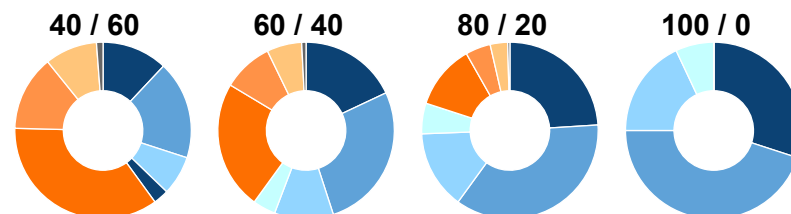


# Mackenzie Allocation ETFs



## ETF Holdings

	Symbol	MCON	MBAL	MGRW	MEQT
Mackenzie Canadian Equity Index ETF	QCN	12.00%	18.00%	24.00%	30.00%
Mackenzie US Large Cap Equity Index ETF	QUU	18.00%	27.00%	36.00%	45.00%
Mackenzie International Equity Index ETF	QDX	7.20%	10.80%	14.40%	18.00%
Mackenzie Emerging Markets Equity Index ETF	QEE	2.80%	4.20%	5.60%	7.00%
Mackenzie Canadian Aggregate Bond Index ETF	QBB	35.40%	23.60%	11.80%	0.00%
Mackenzie US Aggregate Bond Index ETF (CAD-Hedged)	QUB	13.80%	9.20%	4.60%	0.00%
Mackenzie Developed ex-NA Aggregate Bond Index ETF (CAD-Hedged)	QDXB	9.60%	6.40%	3.20%	0.00%
Mackenzie Emerging Markets Local Currency Bond Index ETF	QEBL	1.20%	0.80%	0.40%	0.00%
		100.00%	100.00%	100.00%	100.00%

## Management Expense Ratio (MER)

0.19%	0.19%	0.19%	0.19%
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## Hypothetical Performance as of December 31, 2023

Year-to-Date Return	11.00%	13.14%	15.28%	16.90%
1-Year Total Return	11.00%	13.14%	15.28%	16.90%
3-Year Annualized Return	1.57%	3.76%	5.97%	7.89%
5-Year Annualized Return	5.27%	7.37%	9.47%	11.31%
10-Year Annualized Return	5.38%	6.95%	8.51%	9.93%
20-Year Annualized Return	5.41%	6.33%	7.22%	8.00%
Worst Stock Market Drawdown (06/01/2007-02/28/2009)	-13.79%	-23.78%	-32.76%	-40.81%
Stock Market Drawdown - Time to Recovery (from the bottom)	9 months	20 months	43 months	48 months
20-Year Annualized Standard Deviation	5.59%	7.27%	9.12%	11.12%

Data Sources: Mackenzie Investments, Dimensional Returns Web Canada, MSCI

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# Performance Methodology

## Canadian (CA) Stocks

06/2002-present: Monthly returns of the S&P/TSX Capped Composite Index

## US Stocks

06/1994-present: Monthly returns of the MSCI USA Index (net div.) (CAD)

## International (INTL) Stocks

06/1994-present: Monthly returns of the MSCI EAFE Index (net div.) (CAD)

## Emerging Markets (EM) Stocks

06/1994-present: Monthly returns of the MSCI Emerging Markets Index (net div.) (CAD)

## Canadian (CA) Bonds

01/1980-present: Monthly returns of the FTSE Canada Universe Bond Index

## Foreign Bonds

02/1999-present: Monthly returns of the Bloomberg Global Aggregate Bond Index (hedged to CAD)

## 40/60 Portfolio: MCON

06/2002-09/2020: 12% CA Stocks + 18% US Stocks + 7.2% INTL Stocks + 2.8% EM Stocks + 35.4% CA Bonds + 24.6% Foreign Bonds, minus 0.0158% per month, rebalanced monthly

10/2020-present: Monthly returns of the Mackenzie Conservative Allocation ETF (MCON)

## 60/40 Portfolio: MBAL

06/2002-09/2020: 18% CA Stocks + 27% US Stocks + 10.8% INTL Stocks + 4.2% EM Stocks + 23.6% CA Bonds + 16.4% Foreign Bonds, minus 0.0158% per month, rebalanced monthly

10/2020-present: Monthly returns of the Mackenzie Balanced Allocation ETF (MBAL)

## 80/20 Portfolio: MGRW

06/2002-09/2020: 24% CA Stocks + 36% US Stocks + 14.4% INTL Stocks + 5.6% EM Stocks + 11.8% CA Bonds + 8.2% Foreign Bonds, minus 0.0158% per month, rebalanced monthly

10/2020-present: Monthly returns of the Mackenzie Growth Allocation ETF (MGRW)

## 100/0 Portfolio: MEQT

06/2002-11/2023: 30% CA Stocks + 45% US Stocks + 18% INTL Stocks + 7% EM Stocks, minus 0.0158% per month, rebalanced monthly

12/2023-present: Monthly returns of the Mackenzie All-Equity Allocation ETF (MEQT)

Data Sources: Mackenzie Investments, Dimensional Returns Web Canada, MSCI

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