# MACKENZIE ETF PRODUCT LIST

<table>
<thead>
<tr>
<th>NAME</th>
<th>TICKER</th>
<th>MGMT FEE</th>
<th>CATEGORY</th>
<th>LISTING DATE</th>
</tr>
</thead>
</table>
## FIXED INCOME

**Active**
- Mackenzie Canadian Short-Term Fixed Income ETF
  - TICKER: MCSB
  - MGMT FEE: 0.35%
  - CATEGORY: Canadian Fixed Income
  - LISTING DATE: 2017-11-22
- Mackenzie Core Plus Canadian Fixed Income ETF
  - TICKER: MKB
  - MGMT FEE: 0.40%
  - CATEGORY: Canadian Fixed Income
  - LISTING DATE: 2016-04-19
- Mackenzie Core Plus Global Fixed Income ETF
  - TICKER: MGB
  - MGMT FEE: 0.60%
  - CATEGORY: Global Fixed Income
  - LISTING DATE: 2016-04-19
- Mackenzie Floating Rate Income ETF
  - TICKER: MFT
  - MGMT FEE: 0.60%
  - CATEGORY: Global Fixed Income
  - LISTING DATE: 2016-04-19
- Mackenzie Global High Yield Fixed Income ETF
  - TICKER: MHYB
  - MGMT FEE: 0.60%
  - CATEGORY: Global Fixed Income
  - LISTING DATE: 2017-04-26
- Mackenzie Unconstrained Bond ETF
  - TICKER: MUB
  - MGMT FEE: 0.50%
  - CATEGORY: Alternative Strategies
  - LISTING DATE: 2016-04-19

**Traditional Index**
- Mackenzie Canadian Aggregate Bond Index ETF
  - TICKER: QBB
  - MGMT FEE: 0.07%
  - CATEGORY: Canadian Fixed Income
  - LISTING DATE: 2018-01-29
- Mackenzie Canadian All Corporate Bond Index ETF
  - TICKER: QCB
  - MGMT FEE: 0.14%
  - CATEGORY: Canadian Fixed Income
  - LISTING DATE: 2018-01-29
- Mackenzie Canadian Short-Term Bond Index ETF
  - TICKER: QSB
  - MGMT FEE: 0.08%
  - CATEGORY: Canadian Fixed Income
  - LISTING DATE: 2018-01-29
- Mackenzie Emerging Markets Bond Index ETF (CAD-Hedged)
  - NEW
  - TICKER: QEBH
  - MGMT FEE: 0.45%
  - CATEGORY: Emerging Fixed Income
  - LISTING DATE: 2019-07-25
- Mackenzie Emerging Markets Local Currency Bond Index ETF (CAD-Hedged)
  - NEW
  - TICKER: QEBL
  - MGMT FEE: 0.45%
  - CATEGORY: Emerging Fixed Income
  - LISTING DATE: 2019-10-24
- Mackenzie US High Yield Bond Index ETF (CAD-Hedged)
  - TICKER: QHY
  - MGMT FEE: 0.40%
  - CATEGORY: US Fixed Income
  - LISTING DATE: 2018-01-24
- Mackenzie US Investment Grade Corporate Bond Index ETF (CAD-Hedged)
  - TICKER: QUIG
  - MGMT FEE: 0.15%
  - CATEGORY: US Fixed Income
  - LISTING DATE: 2018-01-29
- Mackenzie US TIPS Index ETF (CAD-Hedged)
  - TICKER: QTIP
  - MGMT FEE: 0.15%
  - CATEGORY: US Fixed Income
  - LISTING DATE: 2018-01-24

## EQUITY

**Active**
- Mackenzie Global Leadership Impact ETF
  - TICKER: MWMN
  - MGMT FEE: 0.55%
  - CATEGORY: Global Equity
  - LISTING DATE: 2017-12-04
- Mackenzie Ivy Global Equity ETF
  - TICKER: MIVG
  - MGMT FEE: 0.75%
  - CATEGORY: Global Equity
  - LISTING DATE: 2017-11-22

**Strategic Beta**
- Mackenzie Maximum Diversification All World Developed ex North America Index ETF
  - TICKER: MXU
  - MGMT FEE: 0.50%
  - CATEGORY: International Equity
  - LISTING DATE: 2016-09-07
- Mackenzie Maximum Diversification All World Developed Index ETF
  - TICKER: MWD
  - MGMT FEE: 0.50%
  - CATEGORY: Global Equity
  - LISTING DATE: 2016-09-07
- Mackenzie Maximum Diversification Canada Index ETF
  - TICKER: MKC
  - MGMT FEE: 0.45%
  - CATEGORY: Canadian Equity
  - LISTING DATE: 2016-06-21
- Mackenzie Maximum Diversification Developed Europe Index ETF
  - TICKER: MEU
  - MGMT FEE: 0.50%
  - CATEGORY: European Equity
  - LISTING DATE: 2016-09-07
- Mackenzie Maximum Diversification Emerging Markets Index ETF
  - TICKER: MEE
  - MGMT FEE: 0.50%
  - CATEGORY: Emerging Equity
  - LISTING DATE: 2017-01-23
- Mackenzie Maximum Diversification US Index ETF
  - TICKER: MUS
  - MGMT FEE: 0.45%
  - CATEGORY: US Equity
  - LISTING DATE: 2016-06-21

**Traditional Index**
- Mackenzie Canadian Equity Index ETF
  - TICKER: QCN
  - MGMT FEE: 0.04%
  - CATEGORY: Canadian Equity
  - LISTING DATE: 2018-01-24
- Mackenzie Canadian Large Cap Equity Index ETF
  - TICKER: QCE
  - MGMT FEE: 0.04%
  - CATEGORY: Canadian Equity
  - LISTING DATE: 2018-01-24
- Mackenzie China A-Shares CSI 300 Index ETF
  - TICKER: QCH
  - MGMT FEE: 0.55%
  - CATEGORY: China Equity
  - LISTING DATE: 2018-02-01
- Mackenzie International Equity Index ETF
  - TICKER: QDX
  - MGMT FEE: 0.17%
  - CATEGORY: International Equity
  - LISTING DATE: 2018-01-24
- Mackenzie International Equity Index ETF (CAD-Hedged)
  - TICKER: QDXH
  - MGMT FEE: 0.17%
  - CATEGORY: International Equity
  - LISTING DATE: 2018-01-29
- Mackenzie US Large Cap Equity Index ETF
  - TICKER: QUU
  - MGMT FEE: 0.06%
  - CATEGORY: US Equity
  - LISTING DATE: 2018-01-24
- Mackenzie US Large Cap Equity Index ETF (CAD-Hedged)
  - TICKER: QAH
  - MGMT FEE: 0.06%
  - CATEGORY: US Equity
  - LISTING DATE: 2018-01-29

## ALLOCATION

**Active**
- Mackenzie Portfolio Completion ETF
  - TICKER: MPCF
  - MGMT FEE: 0.45%
  - CATEGORY: Global Neutral Balanced
  - LISTING DATE: 2017-11-22
For more information about Mackenzie ETFs, please talk to your financial advisor.
mackenzieinvestments.com/ETFs

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