

Mackenzie International Equity Index ETF (CAD-Hedged)

Global Equity

Compound Annualized Returns 11/30/2022

1 Month	8.0%
3 Months	6.5%
Year-to-date	-2.3%
1 Year	2.0%
2 Years	9.2%
3 Years	5.5%
Since Inception (Jan. 2018)	4.6%

Regional Allocation 10/31/2022

CASH & EQUIVALENTS

Cash & Equivalents	0.5%
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OVERALL

Japan	23.5%
United Kingdom	13.4%
France	10.2%
Switzerland	9.8%
Australia	8.1%
Germany	7.1%
Netherlands	5.7%
Sweden	3.3%
Denmark	2.6%
Other**	15.8%
Total	100%

Sector Allocation

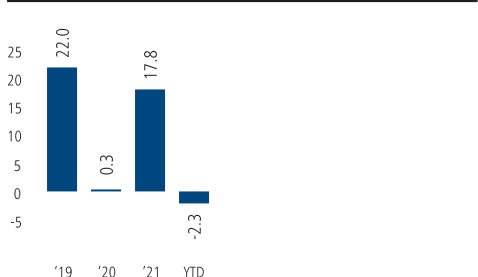
10/31/2022

Financials	17.2%
Industrials	15.5%
Health Care	13.6%
Consumer Discretionary	10.7%
Consumer Staples	10.3%
Information Technology	8.0%
Materials	7.4%
Energy	5.1%
Communication Services	5.0%
Utilities	3.3%
Other	3.4%
Cash & Equivalents	0.5%
Total	100%

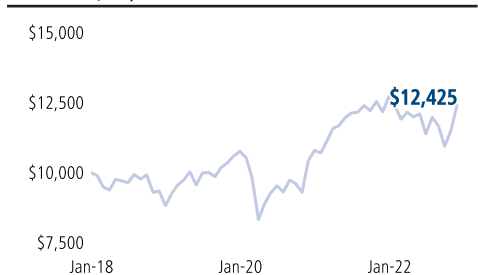
Index Provider

Solactive provides tailor-made and broad based indices across all asset classes, which are developed, calculated and distributed worldwide. Based in Frankfurt, Germany, and since its founding in 2007, Solactive has grown to be one of the market leaders in the indexing industry.

Calendar Year Returns (%) 11/30/2022



Value of \$10,000 invested 11/30/2022



Major Holdings 11/30/2022

Major Holdings Represent 103.4% of the fund

MACKENZIE INTERNATIONAL E	102.6%
Cash, Cash Equivalents 1	0.8%
CURRENCY CONTRACT - CAD USD - 4704	0.0%
CURRENCY CONTRACT - CAD HKD - 4696	0.0%
CURRENCY CONTRACT - CAD USD - 4747	0.0%
CURRENCY CONTRACT - CAD PLN - 4744	0.0%
CURRENCY CONTRACT - CAD HKD - 4739	0.0%
CURRENCY CONTRACT - CAD NZD - 4743	0.0%
CURRENCY CONTRACT - CAD ILS - 4740	0.0%
CURRENCY CONTRACT - CAD SGD - 4746	0.0%

TOTAL NUMBER OF HOLDINGS: 1

Fund Risk Measures

Annual Std Dev	16.5
Annual Std Dev. B'mark	15.9
Alpha	-0.9
Beta	1.0
R-squared	1.0
Sharpe Ratio	0.2

Source: Mackenzie Investments

Key Fund Data 10/31/2022

Ticker:	QDXH
Total Fund Assets:	\$12.07 million
NAVPS (11/30/2022):	\$109.75
CUSIP:	55455Y109
Listing Date:	01/29/2018

Solactive GBS Developed Markets ex North America Large & Mid Cap Hedged to CAD Index

Fund Category: Global Equity

Distribution Frequency: Quarterly

DRIP Eligibility: Yes

Management Fee: 0.17%

Distribution Yield: 2.46%

Price/Earnings: 11.30

Price/Book: 1.53

Why Invest in this fund?

- Market capitalization weighed indexing results in lower portfolio turnover and transaction costs versus other forms of indexing.
- Targeted access to specific market segments.
- Daily transparency of holdings.

Risk Tolerance

LOW	MEDIUM	HIGH
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* The Solactive GBS Developed Markets ex North America Large & Mid Cap Hedged to CAD Index is a market capitalization-weighted index of securities that captures large and mid-capitalization representation across developed market countries around the world, excluding the US and Canada. Foreign currency exposure is hedged back to the Canadian dollar.

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** Other includes currency contracts.