

Mackenzie International Equity Index ETF (CAD-Hedged)

Global Equity

Compound Annualized Returns 01/31/2023

1 Month	6.9%
3 Months	11.1%
Year-to-date	6.9%
1 Year	3.3%
2 Years	9.3%
3 Years	6.7%
5 Years	5.3%
Since inception (Jan. 2018)	5.0%

Regional Allocation 12/31/2022

CASH & EQUIVALENTS	
Cash & Equivalents	0.3%
OVERALL	
Japan	24.2%
United Kingdom	13.6%
France	10.0%
Australia	8.4%
Germany	7.6%
Switzerland	6.0%
Netherlands	5.8%
United States	4.7%
Sweden	3.3%
Other**	16.1%
Total	100%

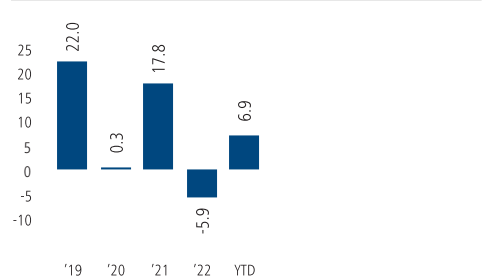
Sector Allocation 12/31/2022

Financials	18.5%
Industrials	16.1%
Health Care	13.9%
Consumer Discretionary	11.3%
Consumer Staples	10.6%
Information Technology	8.1%
Materials	8.1%
Energy	5.1%
Communication Services	4.8%
Utilities	3.5%
Cash & Equivalents	0.3%
Other	-0.3%
Total	100%

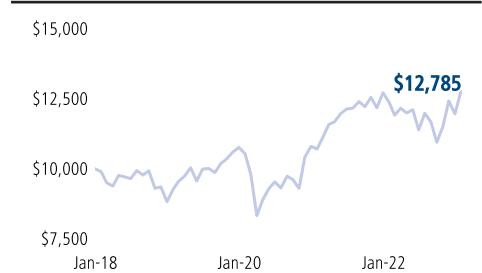
Index Provider

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 (%) 01/31/2023



Value of \$10,000 invested 01/31/2023



Major Holdings 01/31/2023

Major Holdings Represent 100.3% of the fund

MACKENZIE INTERNATIONAL E	99.9%
CURRENCY CONTRACT - CAD JPY - 4871	0.1%
CURRENCY CONTRACT - CAD CHF - 4865	0.1%
CURRENCY CONTRACT - CAD SEK - 4875	0.1%
CURRENCY CONTRACT - CAD HKD - 4869	0.1%
CURRENCY CONTRACT - CAD NOK - 4872	0.0%
CURRENCY CONTRACT - CAD USD - 4877	0.0%
Cash, Cash Equivalents 1	0.0%
CURRENCY CONTRACT - EUR CAD - 4939	0.0%
CURRENCY CONTRACT - JPY CAD - 4943	0.0%

TOTAL NUMBER OF HOLDINGS: 1

Fund Risk Measures

Annual Std Dev	17.2
Annual Std Dev. B'mark	16.4
Alpha	-1.0
Beta	1.0
R-squared	1.0
Sharpe Ratio	0.2

Source: Mackenzie Investments

Key Fund Data 12/31/2022

Ticker:	QDXH
Total Fund Assets:	\$12.32 million
NAVPS (01/31/2023):	\$111.98
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:	3.37%
Price/Earnings:	12.06
Price/Book:	1.57

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.