

Mackenzie International Equity Index ETF

Global Equity

Compound Annualized Returns	11/30/2022
1 Month	10.6%
3 Months	9.7%
Year-to-date	-8.3%
1 Year	-5.2%
2 Years	1.8%
3 Years	2.3%
Since Inception (Jan. 2018)	1.9%

Regional Allocation 10/31/2022

CASH & EQUIVALENTS	
Cash & Equivalents	0.5%
OVERALL	
Japan	23.2%
United Kingdom	13.5%
France	10.2%
Switzerland	9.9%
Australia	8.2%
Germany	7.2%
Netherlands	5.8%
Sweden	3.4%
Denmark	2.7%
Other**	15.4%
Total	100%

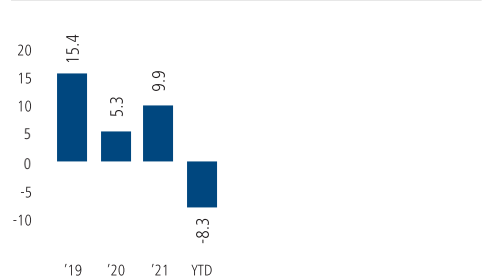
Sector Allocation 10/31/2022

Financials	17.3%
Industrials	15.6%
Health Care	13.7%
Consumer Discretionary	10.8%
Consumer Staples	10.4%
Information Technology	8.1%
Materials	7.5%
Energy	5.1%
Communication Services	5.0%
Utilities	3.3%
Real Estate	2.7%
Cash & Equivalents	0.5%
Total	100%

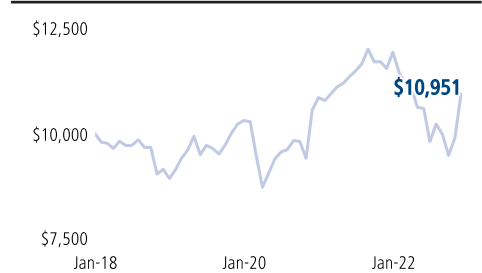
Index Provider

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 14.4% of the fund

NESTLE SA-REG	2.2%
ASML Holding NV	1.6%
ROCHE HOLDING AG-GENUSSCH	1.6%
Shell PLC	1.4%
NOVARTIS AG-REG	1.4%
AstraZeneca PLC	1.4%
NOVO NORDISK A/S-B	1.4%
LVMH MOET HENNESSY LOUIS	1.3%
TOTAL ENERGIES SE	1.1%
TOYOTA MOTOR CORPORATION	1.1%

TOTAL NUMBER OF HOLDINGS: 1021

Fund Risk Measures

Annual Std Dev	13.7
Annual Std Dev. B'mark	13.8
Alpha	-0.4
Beta	1.0
R-squared	1.0
Sharpe Ratio	-0.1

Source: Mackenzie Investments

Key Fund Data 10/31/2022

Ticker:	QDX
Total Fund Assets:	\$490.29 million
NAVPS (11/30/2022):	\$97.28
CUSIP:	55455T100
Listing Date:	01/24/2018
Index*:	Solactive GBS Developed Markets ex North America Large & Mid Cap CAD Index
Fund Category:	Global Equity
Distribution Frequency:	Quarterly
DRIP Eligibility:	Yes
Management Fee:	0.17%
Distribution Yield:	2.25%
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 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.

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** Other includes currency contracts.