

Mackenzie US Large Cap Equity Index ETF (CAD-Hedged)

US Equity

Compound Annualized Returns 01/31/2023

1 Month	6.1%
3 Months	4.7%
Year-to-date	6.1%
1 Year	-10.9%
2 Years	3.5%
3 Years	7.8%
5 Years	7.7%
Since inception (Jan. 2018)	7.5%

Regional Allocation 12/31/2022

CASH & EQUIVALENTS	
Cash & Equivalents	0.2%

OVERALL	
United States	99.9%
United Kingdom	0.5%
Bermuda	0.1%
Other**	-0.7%
Total	100%

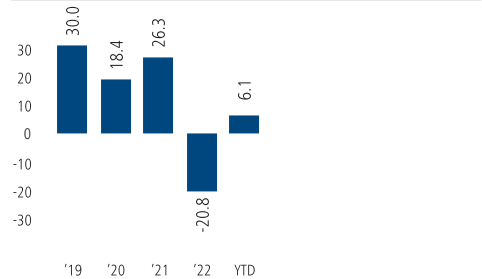
Sector Allocation 12/31/2022

Information Technology	26.3%
Health Care	16.0%
Financials	11.7%
Consumer Discretionary	9.5%
Industrials	8.7%
Communication Services	7.3%
Consumer Staples	7.1%
Energy	5.6%
Utilities	3.0%
Real Estate	2.7%
Other	1.9%
Cash & Equivalents	0.2%
Total	100%

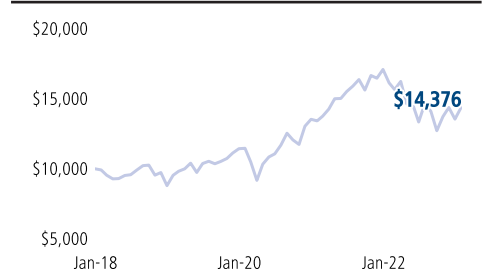
Index Provider

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 100.0% of the fund

MACKENZIE US LARGE CAP EQ	98.3%
CURRENCY CONTRACT - CAD USD - 1697	1.8%
Cash, Cash Equivalents 1	0.0%
CURRENCY CONTRACT - USD CAD - 1718	0.0%
CURRENCY CONTRACT - USD CAD - 1706	0.0%
CURRENCY CONTRACT - USD CAD - 1708	-0.1%

TOTAL NUMBER OF HOLDINGS: 1

Fund Risk Measures

Annual Std Dev	21.5
Annual Std Dev. B'mark	21.5
Alpha	-0.1
Beta	1.0
R-squared	1.0
Sharpe Ratio	0.2

Source: Mackenzie Investments

Key Fund Data 12/31/2022

Ticker:	QAH
Total Fund Assets:	\$24.15 million
NAVPS (01/31/2023):	\$134.18
CUSIP:	55455M105
Listing Date:	01/29/2018
Index*:	Solactive US Large Cap Hedged to CAD Index
Fund Category:	US Equity
Distribution Frequency:	Quarterly
DRIP Eligibility:	Yes
Management Fee:	0.06%
Distribution Yield:	2.22%
Price/Earnings:	18.08
Price/Book:	3.68

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
-----	--------	------



* The Solactive US Large Cap Hedged to CAD Index is a market capitalization-weighted index of securities that captures large capitalization representation of the US stock market. Foreign currency exposure is hedged back to the Canadian dollar.

The Mackenzie ETFs are not sponsored, promoted, sold or supported in any other manner by Solactive nor does Solactive offer any express or implicit guarantee or assurance either with regard to the results of using the Indices, trademarks and/or the price of an Index at any time or in any other respect. The Solactive Indices are calculated and published by Solactive. Solactive uses its best efforts to ensure that the Indices are calculated correctly. Irrespective of its obligations towards the Mackenzie ETFs, Solactive has no obligation to point out errors in the Indices to third parties including but not limited to investors and/or financial intermediaries of the Mackenzie ETFs. Neither publication of the Solactive Indices by Solactive nor the licensing of the Indices or related trademark(s) for the purpose of use in connection with the Mackenzie ETFs constitutes a recommendation by Solactive to invest capital in said Mackenzie ETFs nor does it in any way represent an assurance or opinion of Solactive with regard to any investment in these Mackenzie ETFs.

** Other includes currency contracts.