

Mackenzie US Large Cap Equity Index ETF

US Equity

Compound Annualized Returns	11/30/2022
1 Month	3.9%
3 Months	5.5%
Year-to-date	-9.5%
1 Year	-6.9%
2 Years	7.9%
3 Years	10.8%
Since Inception (Jan. 2018)	11.2%

Regional Allocation 10/31/2022

CASH & EQUIVALENTS	
Cash & Equivalents	0.3%

OVERALL	
United States	99.4%
Ireland	0.2%
Bermuda	0.1%
Total	100%

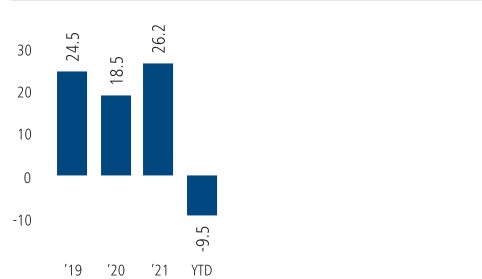
Sector Allocation 10/31/2022

Information Technology	27.2%
Health Care	15.5%
Financials	11.0%
Consumer Discretionary	10.6%
Industrials	8.1%
Communication Services	7.4%
Consumer Staples	6.8%
Energy	5.6%
Utilities	2.8%
Real Estate	2.6%
Materials	2.1%
Cash & Equivalents	0.3%
Total	100%

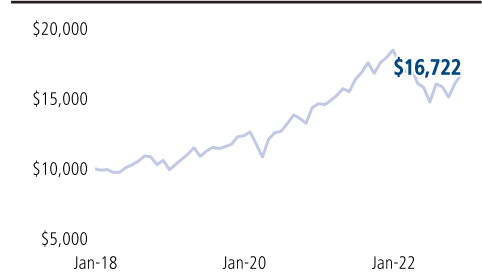
Index Provider

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 (%) 11/30/2022



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



Major Holdings 11/30/2022

Major Holdings Represent 24.7% of the fund

Apple Inc	6.8%
Microsoft Corp	5.4%
Amazon.com Inc	2.4%
ALPHABET INC-CL A	1.7%
ALPHABET INC-CL C	1.6%
UnitedHealth Group Inc	1.5%
TESLA INC.	1.4%
Johnson & Johnson	1.3%
Exxon Mobil Corp	1.3%
BERKSHIRE HATHAWAY INC-CL	1.2%

TOTAL NUMBER OF HOLDINGS: 498

Fund Risk Measures

Annual Std Dev	16.5
Annual Std Dev. B'mark	16.6
Alpha	0.1
Beta	1.0
R-squared	1.0
Sharpe Ratio	0.6

Source: Mackenzie Investments

Key Fund Data 10/31/2022

Ticker:	QUU
Total Fund Assets:	\$2.22 billion
NAVPS (11/30/2022):	\$156.37
CUSIP:	55454T101
Listing Date:	01/24/2018
Index*:	Solactive US Large Cap CAD Index
Fund Category:	US Equity
Distribution Frequency:	Quarterly
DRIP Eligibility:	Yes
Management Fee:	0.06%
Distribution Yield:	1.31%
Price/Earnings:	18.37
Price/Book:	3.75

Why Invest in this fund?

- Low portfolio turnover; lower transaction costs.
- Targeted access to specific market segments.
- Transparency.

Risk Tolerance

LOW	MEDIUM	HIGH
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* The Solactive US Large Cap CAD Index is a market capitalization-weighted index of securities that represent the large cap segment of the US stock market.

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