

Mackenzie US High Yield Bond Index ETF (CAD-Hedged)

High Yield Fixed Income

Compound Annualized Returns 11/30/2022

1 Month	3.7%
3 Months	1.3%
Year-to-date	-9.0%
1 Year	-7.2%
2 Years	-1.9%
3 Years	-0.0%
Since Inception (Jan. 2018)	0.8%

Regional Allocation 10/31/2022

CASH & EQUIVALENTS

Cash & Equivalents	-5.4%
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OVERALL

United States	84.4%
Canada	8.8%
Sweden	4.8%
Israel	1.4%
United Kingdom	1.2%
France	0.7%
Luxembourg	0.6%
Germany	0.5%
Australia	0.5%
Other***	2.5%
Total	100%

Sector Allocation 10/31/2022

Corporates	100.6%
Foreign Fixed Income	3.8%
Equity	0.3%
Other	0.7%
Cash & Equivalents	-5.4%
Total	100%

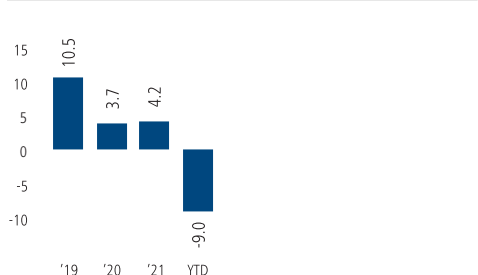
Credit Allocation** 10/31/2022

AA	6.6%	D	0.3%
A	10.3%	NR	1.8%
BBB	4.8%	Other	0.8%
BB	46.7%	Equity	0.3%
B	27.1%	Cash & Equivalents	-5.4%
CCC	6.7%		

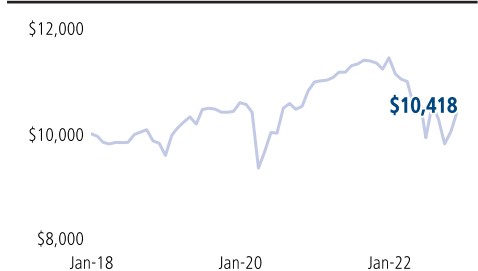
Index Provider

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 78.5% of the fund

Cash, Cash Equivalents 1	21.4%
SEB FLOAT 12/12/22	11.2%
RY FLOAT 10/05/23	6.8%
MIZUHO FLOAT 05/25/24	6.8%
CM 2.47 12/05/2022	6.8%
BMO FLOAT 07/09/24	6.8%
T 2 7/8 04/30/29	5.2%
BAC FLOAT 03/05/24	4.7%
SUMIBK FLOAT 10/16/23	4.6%
BMO 0.4 09/15/23	4.4%

TOTAL NUMBER OF HOLDINGS: 35

Fund Risk Measures

Annual Std Dev	10.6
Annual Std Dev. B'mark	11.0
Alpha	-0.4
Beta	1.0
R-squared	1.0
Sharpe Ratio	-0.2

Source: Mackenzie Investments

Key Fund Data 10/31/2022

Ticker:	QHY
Total Fund Assets:	\$29.51 million
NAVPS (11/30/2022):	\$81.98
CUSIP:	55455K109
Listing Date:	01/24/2018

Index: Solactive USD High Yield Corporates Total Market Hedged to CAD TR Index

Fund Category: High Yield Fixed Income

Distribution Frequency: Monthly

DRIP Eligibility: Yes

Management Fee: 0.40%

Modified Duration: 3.60 year(s)

Yield to Maturity: 8.34%

Weighted Average Coupon: 4.84%

Distribution Yield: 2.16%

Term to Maturity (years) 10/31/2022

0 - 1 year	14.6%
1 - 2 years	3.0%
2 - 3 years	8.2%
3 - 5 years	25.0%
5 - 7 years	32.3%
7 - 10 years	20.7%
10 - 15 years	0.6%
Other	0.7%
Equity	0.3%
Cash & Equivalents	-5.4%
Total	100%

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 USD High Yield Corporates Total Market Hedged to CAD TR Index is a rules-based, market value weighted index engineered to mirror the performance of high yield rated corporate bonds issued in USD. The U.S. dollar currency exposure is hedged back to Canadian dollars.

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** Credit allocation details are provided by one or more sources that may include DBRS, S&P, Bloomberg, FTSE TMX and Citigroup Corp.

*** Other includes currency contracts.