

Mackenzie US TIPS Index ETF (CAD-Hedged)

US Fixed Income

Compound Annualized Returns 11/30/2022

1 Month	1.3%
3 Months	-5.1%
Year-to-date	-12.0%
1 Year	-11.8%
2 Years	-3.1%
3 Years	1.0%
Since inception (Jan. 2018)	1.7%

Regional Allocation 10/31/2022

CASH & EQUIVALENTS

Cash & Equivalents	0.2%
--------------------	------

OVERALL

United States	99.1%
Other***	0.7%

Total	100%
--------------	-------------

Sector Allocation 10/31/2022

Foreign Fixed Income	99.1%
Other	0.7%
Cash & Equivalents	0.2%

Total	100%
--------------	-------------

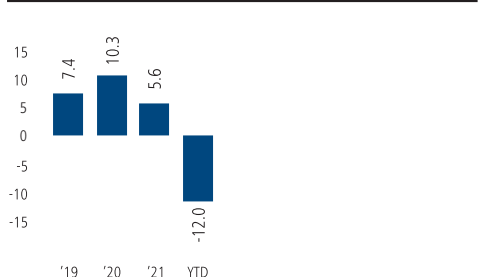
Credit Allocation** 10/31/2022

AA	99.1%	Cash & Equivalents	0.2%
Other	0.7%		

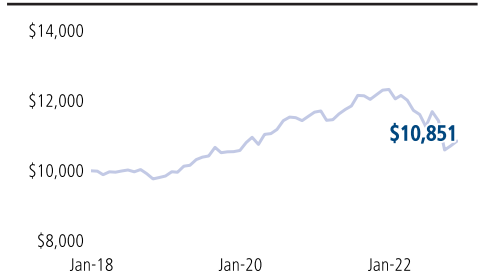
Index Provider

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 54.9% of the fund

TII 0 5 04/15/2024	8.3%
TII 0 1/8 04/15/25	7.7%
TII 0 5/8 01/15/26	7.6%
TII 0 7/8 01/15/29	6.1%
WITII 0 1/8 01/15/32	5.6%
TII 0 1/8 04/15/26	4.2%
TII 0 3/8 01/15/27	4.1%
TII 0 1/8 07/15/31	3.8%
TII 0 1/2 01/15/28	3.8%
TII 2 3/8 01/15/25	3.8%

TOTAL NUMBER OF HOLDINGS: 43

Fund Risk Measures

Annual Std Dev	7.0
Annual Std Dev. B'mark	7.0
Alpha	-0.2
Beta	1.0
R-squared	1.0
Sharpe Ratio	-0.0

Source: Mackenzie Investments

Key Fund Data 10/31/2022

Ticker:	QTIP
Total Fund Assets:	\$422.46 million
NAVPS (11/30/2022):	\$88.01
CUSIP:	55456B108
Listing Date:	01/24/2018

Solactive US Treasury Inflation-Linked Bond Index*
Hedged to CAD TR Index

Fund Category: US Fixed Income

Distribution Frequency: Monthly

DRIP Eligibility: Yes

Management Fee: 0.15%

Modified Duration: 6.83 year(s)

Yield to Maturity: 4.47%

Weighted Average Coupon: 0.93%

Distribution Yield: 16.75%

Term to Maturity (years) 10/31/2022

1 - 2 years	8.6%
2 - 3 years	16.9%
3 - 5 years	19.3%
5 - 7 years	23.1%
7 - 10 years	18.1%
15 - 20 years	0.1%
20+ years	13.0%
Other	0.7%
Cash & Equivalents	0.2%
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
-----	--------	------

* The Solactive US Treasury Inflation-Linked Bond Hedged to CAD TR Index is a rules-based, market value weighted index engineered to mirror the performance of Treasury Inflation-Protected Securities (TIPS) issued by the United States. The US dollar currency exposure is hedged back to Canadian dollars.

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.

** 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.