

Mackenzie Canadian Short-Term Bond Index ETF

Canadian Short Term Fixed Income

Compound Annualized Returns 11/30/2022

1 Month	0.8%
3 Months	0.7%
Year-to-date	-3.9%
1 Year	-3.5%
2 Years	-2.2%
3 Years	-0.1%
Since inception (Jan. 2018)	0.9%

Regional Allocation 10/31/2022

CASH & EQUIVALENTS

Cash & Equivalents	2.5%
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OVERALL

Canada	89.5%
United States	4.3%
Germany	1.3%
United Kingdom	0.4%
Australia	0.2%
South Korea	0.1%
Other***	1.7%
Total	100%

Sector Allocation 10/31/2022

Federal Bonds	43.6%
Corporates	32.4%
Provincial Bonds	18.7%
Municipal Bonds	1.1%
Cash & Equivalents	2.5%
Other	1.7%
Total	100%

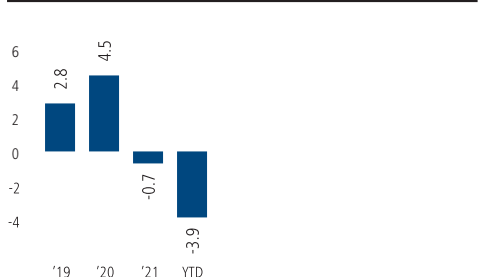
Credit Allocation** 10/31/2022

AAA	46.3%	BB	0.1%
AA	7.2%	NR	4.9%
A	27.0%	Cash & Equivalents	2.5%
BBB	12.0%		

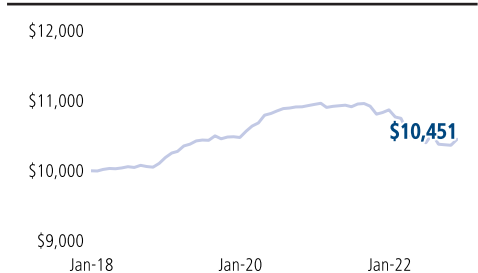
Index Provider

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 36.3% of the fund

CAN 2 3/4 08/01/24	7.4%
Cash, Cash Equivalents 1	5.9%
CAN 1 1/2 05/01/24	4.7%
CAN 0 1/2 09/01/25	4.5%
CAN 1 1/4 03/01/27	3.9%
CAN 2.75 09/01/2027	2.3%
CANHOU 1.1 12/15/26	2.2%
CANHOU 0.95 06/15/2025	1.9%
CANHOU 2.35 06/15/2027	1.9%
CANHOU 1.8 12/15/24	1.5%

TOTAL NUMBER OF HOLDINGS: 366

Fund Risk Measures

Annual Std Dev	2.2
Annual Std Dev. B'mark	2.2
Alpha	-0.1
Beta	1.0
R-squared	1.0
Sharpe Ratio	-0.5

Source: Mackenzie Investments

Key Fund Data 10/31/2022

Ticker:	QSB
Total Fund Assets:	\$273.36 million
NAVPS (11/30/2022):	\$94.92
CUSIP:	55453K101
Listing Date:	01/29/2018
Index*: Solactive Canadian Short Term Bond Index	
Fund Category: Canadian Short Term Fixed Income	
Distribution Frequency:	Monthly
DRIP Eligibility:	Yes
Management Fee:	0.08%
Modified Duration:	2.72 year(s)
Yield to Maturity:	4.33%
Weighted Average Coupon:	2.34%
Distribution Yield:	1.90%

Term to Maturity (years) 10/31/2022

0 - 1 year	6.9%
1 - 2 years	25.5%
2 - 3 years	24.2%
3 - 5 years	36.8%
5 - 7 years	1.2%
7 - 10 years	2.9%
Cash & Equivalents	2.5%
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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* Solactive Canadian Short Term Bond Index is a maturity sub-index of the Solactive Canadian Float Adjusted Universe Bond Index. The index is designed to replicate the 1 to 5-year maturity band of the broad Canadian investment-grade fixed-income market.

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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.