

# MACKENZIE US TIPS INDEX ETF (CAD-HEDGED)

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## **Annual Management Report of Fund Performance**

*For the Year Ended March 31, 2022*

*This Annual Management Report of Fund Performance contains financial highlights but does not contain the complete annual financial statements of the exchange-traded fund ("ETF"). You may obtain a copy of the annual financial statements, at no cost, by calling the toll-free number 1-800-387-0614, by writing to us at Mackenzie Financial Corporation, 180 Queen Street West, Toronto, Ontario M5V 3K1, by visiting our website at [www.mackenzieinvestments.com](http://www.mackenzieinvestments.com) or by visiting the SEDAR website at [www.sedar.com](http://www.sedar.com). Unitholders may also contact us using one of these methods to request a copy of the ETF's interim financial report, proxy voting policies and procedures, proxy voting disclosure record or quarterly portfolio disclosure. For more information, please refer to the ETF's Prospectus and ETF Facts, which may also be obtained, at no cost, using any of the methods outlined above.*

*For the ETF's current net asset value per unit and for more recent information on general market events, please visit our website.*

### **A NOTE ON FORWARD-LOOKING STATEMENTS**

*This report may contain forward-looking statements that reflect our current expectations or forecasts of future events. Forward-looking statements include statements that are predictive in nature, depend upon or refer to future events or conditions, or include words such as "expects", "anticipates", "intends", "plans", "believes", "estimates", "preliminary", "typical" and other similar expressions. In addition, these statements may relate to future corporate actions, future financial performance of a fund or a security and their future investment strategies and prospects. Forward-looking statements are inherently subject to, among other things, risks, uncertainties and assumptions that could cause actual events, results, performance or prospects to differ materially from those expressed in, or implied by, these forward-looking statements. These risks, uncertainties and assumptions include, without limitation, general economic, political and market factors in North America and internationally, interest and foreign exchange rates, the volatility of global equity and capital markets, business competition, technological change, changes in government regulations, changes in securities laws and regulations, changes in tax laws, unexpected judicial or regulatory proceedings, catastrophic events, outbreaks of disease or pandemics (such as COVID-19), and the ability of Mackenzie to attract or retain key employees. The foregoing list of important risks, uncertainties and assumptions is not exhaustive. Please consider these and other factors carefully and do not place undue reliance on forward-looking statements.*

*The forward-looking information contained in this report is current only as of the date of this report. There should not be an expectation that such information will in all circumstances be updated, supplemented or revised whether as a result of new information, changing circumstances, future events or otherwise.*



**MACKENZIE**  
Investments

# MACKENZIE US TIPS INDEX ETF (CAD-HEDGED)

ANNUAL MANAGEMENT REPORT OF FUND PERFORMANCE | For the Year Ended March 31, 2022

## Management Discussion of Fund Performance

June 3, 2022

This Management Discussion of Fund Performance presents the portfolio management team's view on the significant factors and developments that have affected the ETF's performance and outlook in the year ended March 31, 2022 (the "period"). If the ETF was established during the period, "period" represents the period since inception.

In this report, "Mackenzie" and "the Manager" refer to Mackenzie Financial Corporation, the manager of the ETF. In addition, net asset value ("NAV") refers to the value of the ETF as calculated for subscription and redemption purposes, on which the discussion of ETF performance is based.

Please read *A Note on Forward-Looking Statements* on the first page of this document.

### Investment Objective and Strategies

The ETF seeks to replicate, to the extent reasonably possible and before fees and expenses, the performance of the Solactive US Treasury Inflation-Linked Bond Hedged to CAD Index, or any successor thereto. It invests primarily in U.S. Treasury Inflation-Protected Securities ("TIPS"), either directly or indirectly, with its foreign currency exposure hedged back to the Canadian dollar.

### Risk

The risks of the ETF remain as discussed in the ETF's Prospectus.

The ETF is suitable for short- to medium-term investors looking for a currency-hedged U.S. fixed income fund to hold as part of their portfolio, who can handle the volatility of bond markets and who have a low tolerance for risk.

### Results of Operations

#### Investment Performance

During the period, the ETF returned 4.9% (after deducting fees and expenses). This compares with the Solactive US Treasury Inflation-Linked Bond Hedged to CAD Index return of 5.2%. All index returns are calculated on a total return basis in Canadian dollar terms. Investors cannot invest in an index without incurring fees, expenses and commissions, which are not reflected in the index returns.

Treasury Inflation-Protected Securities ("TIPS") performed well over the period, outperforming nominal bonds. Inflationary expectations and break-even spreads (the effect of inflation on nominal yield versus real yield) rose significantly, and inflation surged to its highest level since 1980. This trend was initially driven by supply-chain disruptions and growing consumer demand as the COVID-19 pandemic declined. A lack of counter-inflationary fiscal policy, combined with rising prices for oil, wheat and other commodities as a result of the Russian invasion of Ukraine, also put upward pressure on inflation.

Through the period, the ETF invested substantially all its assets in the bonds that make up the index, holding each bond in approximately the same proportion as its weighting in the index. Alternatively, the ETF may use a sampling methodology to invest in broadly diversified securities that collectively approximate the full index in terms of key characteristics. The ETF uses derivative instruments to hedge its foreign currency exposure back to the Canadian dollar.

The difference in performance between the ETF and the index resulted primarily from management fees and other operating expenses, and from the cost of currency hedging.

Over the period, changes were made to the ETF's holdings to reflect changes in the composition of the index.

### Net Assets

The ETF's net assets increased by 5.0% during the period to \$563.8 million. This change was composed primarily of \$27.0 million in net income (including any interest and/or dividend income) from investment performance, after deducting fees and expenses, and a decrease of \$0.3 million due to net unitholder activity (including sales, redemptions and cash distributions).

### Recent Developments

Ongoing uncertainty regarding the duration and long-term impact of the COVID-19 pandemic and the effectiveness of vaccines against new variants of the virus contributes to uncertainty regarding the timing of a full economic recovery. As a result, it is not possible to reliably estimate the impact of the pandemic on the financial results and condition of the ETF in future periods.

Because the ETF is an index fund, neither market expectations nor recent developments affect the composition of the portfolio.

Effective September 22, 2021, Atul Tiwari was appointed to the Mackenzie Funds' Independent Review Committee.

### Related Party Transactions

#### Management Fees

The management expense ratio ("MER") for the ETF during the year ended March 31, 2022, was similar to the MER for the year ended March 31, 2021. Total expenses paid vary from period to period mainly as a result of changes in average assets in the ETF. The MERs are presented in the *Financial Highlights* section of this report. The ETF paid management fees to the Manager at the annual rate of 0.15%.

The management fee for the ETF is calculated and accrued daily as a percentage of its NAV. The ETF's management fees were used by the Manager to pay for the costs of managing the investment portfolio of the ETF, including providing investment analysis and recommendations, making investment decisions, making brokerage arrangements for the purchase and sale of the investment portfolio, providing other services and licensing the index, and to pay for all costs and expenses (other than certain specified fund costs as more fully described in the Prospectus) required to operate the ETF.

#### Other Related Party Transactions

Investment funds managed by Mackenzie and its affiliates may invest in the ETF in accordance with the investment objectives of those funds. At March 31, 2022, funds managed by Mackenzie owned 4.4% of the ETF's NAV. All related party transactions are based on the current market price. As a result of these investments, the ETF may be subject to large transaction risk as discussed in the Prospectus. Mackenzie manages this risk to reduce the possibility of any adverse effects on the ETF or on its investors, through such processes as settling transactions in kind, charging creation and/or redemption fees for transactions settling in cash, and establishing appropriate order cut-off time for transactions.

The ETF did not rely on an approval, positive recommendation or standing instruction from the Mackenzie Funds' Independent Review Committee with respect to any related party transactions in the period.

# MACKENZIE US TIPS INDEX ETF (CAD-HEDGED)

ANNUAL MANAGEMENT REPORT OF FUND PERFORMANCE | For the Year Ended March 31, 2022

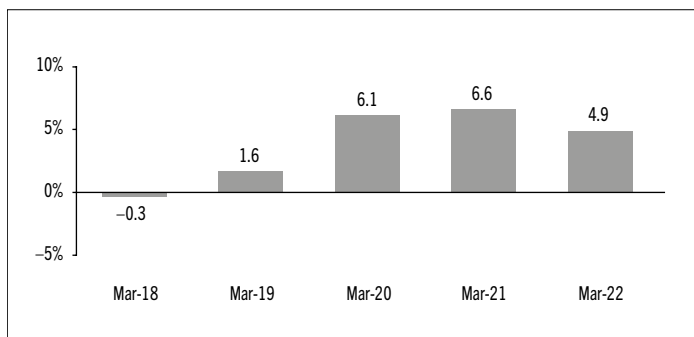
## Past Performance

The ETF's past performance information is presented in the following chart and table. It assumes all distributions made by the ETF in the periods presented are reinvested in additional units of the ETF. The chart and table do not take into account brokerage commissions or income taxes payable by any investor that would have reduced returns. The past performance of the ETF is not necessarily an indication of how it will perform in the future.

If you hold this ETF outside of a registered plan, income and capital gains distributions paid to you increase your income for tax purposes whether paid to you in cash or reinvested in additional units of the ETF. The amount of reinvested taxable distributions is added to the adjusted cost base of the units that you own. This would decrease your capital gain or increase your capital loss when you later sell from the ETF, thereby ensuring that you are not taxed on this amount again. Please consult your tax advisor regarding your personal tax situation.

## Year-by-Year Returns

The following bar chart presents the performance of the ETF for each of the fiscal periods shown. The chart shows, in percentage terms, how much an investment made on the first day of each fiscal period, or on the ETF's inception date (January 24, 2018), as applicable, would have increased or decreased by the last day of the fiscal period presented.



## Annual Compound Returns

The following table compares the historical annual compound total returns for the ETF with the relevant index or indices shown below for each of the periods ended March 31, 2022. Investors cannot invest in an index without incurring fees, expenses and commissions, which are not reflected in these performance figures.

All index returns are calculated in Canadian dollars on a total return basis, meaning that all dividend payments, interest income accruals and interest payments are reinvested.

| Percentage Return:  | 1 Yr | 3 Yr | 5 Yr | 10 Yr | Since Inception |
|---|------|------|------|-------|-----------------|
| Mackenzie US TIPS Index ETF (CAD-Hedged)                        | 4.9  | 5.9  | n/a  | n/a   | 4.5             |
| Solactive US Treasury Inflation-Linked Bond Hedged to CAD Index | 5.2  | 6.1  | n/a  | n/a   | 4.7             |

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

# MACKENZIE US TIPS INDEX ETF (CAD-HEDGED)

ANNUAL MANAGEMENT REPORT OF FUND PERFORMANCE | For the Year Ended March 31, 2022

## Summary of Investment Portfolio at March 31, 2022

| PORTFOLIO ALLOCATION       | % OF NAV |
|----------------------------|----------|
| Bonds                      | 98.0     |
| Other assets (liabilities) | 2.0      |
| REGIONAL ALLOCATION        | % OF NAV |
| United States              | 98.0     |
| Other assets (liabilities) | 2.0      |
| SECTOR ALLOCATION          | % OF NAV |
| Foreign government bonds   | 98.0     |
| Other assets (liabilities) | 2.0      |
| NET CURRENCY EXPOSURE      | % OF NAV |
| Canadian dollar            | 101.1    |
| U.S. dollar                | (1.1)    |
| BONDS BY CREDIT RATING*    | % OF NAV |
| AA                         | 98.0     |

\* Credit ratings and rating categories are based on ratings issued by a designated rating organization.

## TOP 25 POSITIONS

| Issuer  | % OF NAV |
|---|----------|
| United States Treasury 0.50% 04-15-2024 Inflation Indexed | 8.1      |
| United States Treasury 0.12% 04-15-2025 Inflation Indexed | 5.9      |
| United States Treasury 0.87% 01-15-2029 Inflation Indexed | 5.9      |
| United States Treasury 0.63% 01-15-2026 Inflation Indexed | 5.5      |
| United States Treasury 0.38% 01-15-2027 Inflation Indexed | 5.4      |
| United States Treasury 0.25% 01-15-2025 Inflation Indexed | 4.9      |
| United States Treasury 0.63% 04-15-2023 Inflation Indexed | 4.8      |
| United States Treasury 0.50% 01-15-2028 Inflation Indexed | 4.2      |
| United States Treasury 0.13% 01-15-2031 Inflation Indexed | 3.6      |
| United States Treasury 3.88% 04-15-2029 Inflation Indexed | 3.5      |
| United States Treasury 0.75% 07-15-2028 Inflation Indexed | 3.4      |
| United States Treasury 0.13% 07-15-2031 Inflation Indexed | 3.1      |
| United States Treasury 0.75% 02-15-2045 Inflation Indexed | 3.0      |
| United States Treasury 2.38% 01-15-2025 Inflation Indexed | 2.9      |
| United States Treasury 0.13% 04-15-2026 Inflation Indexed | 2.9      |
| United States Treasury 3.63% 04-15-2028 Inflation Indexed | 2.8      |
| United States Treasury 1.38% 02-15-2044 Inflation Indexed | 2.8      |
| United States Treasury 3.38% 04-15-2032 Inflation Indexed | 2.7      |
| United States Treasury 0.63% 01-15-2024 Inflation Indexed | 2.0      |
| United States Treasury 0.13% 07-15-2030 Inflation Indexed | 1.8      |
| United States Treasury 0.25% 02-15-2050 Inflation Indexed | 1.7      |
| United States Treasury 0.89% 02-15-2047 Inflation Indexed | 1.5      |
| United States Treasury 0.38% 07-15-2027 Inflation Indexed | 1.5      |
| United States Treasury 0.13% 01-15-2032 Inflation Indexed | 1.3      |
| United States Treasury 1.02% 02-15-2046 Inflation Indexed | 1.3      |

Top long positions as a percentage  
of total net asset value

86.5

The ETF held no short positions at the end of the period.

The investments and percentages may have changed since March 31, 2022, due to the ongoing portfolio transactions of the ETF.

# MACKENZIE US TIPS INDEX ETF (CAD-HEDGED)

ANNUAL MANAGEMENT REPORT OF FUND PERFORMANCE | For the Year Ended March 31, 2022

## Financial Highlights

The following tables show selected key financial information about the ETF and are intended to help you understand the ETF's financial performance for each of the fiscal periods presented below. In the period when the ETF was established, "period" represents the period from inception to the end of that fiscal period. The inception date can be found under *Past Performance*.

### THE ETF'S NET ASSETS PER SECURITY (\$)¹

| CAD Units (Ticker: QTIP)                                  | Mar. 31<br>2022 | Mar. 31<br>2021 | Mar. 31<br>2020 | Mar. 31<br>2019 | Mar. 31<br>2018 |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Net assets, beginning of period</b>                    | 106.16          | 101.69          | 97.75           | 99.03           | 100.00          |
| <b>Increase (decrease) from operations:</b>               |                 |                 |                 |                 |                 |
| Total revenue   | 7.57            | 2.20            | 2.52            | 1.49            | 0.72            |
| Total expenses  | (0.17)          | (0.17)          | (0.16)          | (0.14)          | (0.04)          |
| Realized gains (losses) for the period                    | (1.76)          | 9.80            | (2.24)          | (1.13)          | (1.75)          |
| Unrealized gains (losses) for the period                  | (0.67)          | (4.47)          | 4.67            | 3.83            | 1.94            |
| <b>Total increase (decrease) from operations²</b>         | <b>4.97</b>     | <b>7.36</b>     | <b>4.79</b>     | <b>4.05</b>     | <b>0.87</b>     |
| <b>Distributions:</b>                                     |                 |                 |                 |                 |                 |
| From net investment income (excluding Canadian dividends) | (6.54)          | (2.34)          | (2.13)          | (2.79)          | –               |
| From Canadian dividends                                   | –               | –               | –               | –               | (0.59)          |
| From capital gains  | (0.55)          | (5.43)          | –               | –               | –               |
| Return of capital   | (0.02)          | –               | –               | –               | –               |
| <b>Total annual distributions³</b>                        | <b>(7.11)</b>   | <b>(7.77)</b>   | <b>(2.13)</b>   | <b>(2.79)</b>   | <b>(0.59)</b>   |
| <b>Net assets, end of period</b>                          | <b>105.20</b>   | <b>106.16</b>   | <b>101.69</b>   | <b>97.75</b>    | <b>99.03</b>    |

- These calculations are prescribed by securities regulations and are not intended to be a reconciliation between opening and closing net assets per unit. This information is derived from the ETF's audited annual financial statements. The net assets per unit presented in the financial statements may differ from the net asset value per unit calculated for ETF pricing purposes. An explanation of these differences, if any, can be found in the *Notes to Financial Statements*.
- Net assets and distributions are based on the actual number of units outstanding at the relevant time. The increase/decrease from operations is based on the weighted average number of units outstanding over the fiscal period.
- Distributions were paid in cash/reinvested in additional units of the ETF, or both.

## Index Provider Disclaimer

The Mackenzie US TIPS Index ETF (CAD-Hedged) is not sponsored, promoted, sold or supported in any other manner by Solactive AG nor does Solactive AG offer any express or implicit guarantee or assurance either with regard to the results of using Solactive US Treasury Inflation-Linked Bond Hedged to CAD Index (the "Underlying Index"), including its trademark and/or prices, at any time or in any other respect. The Underlying Index is calculated and published by Solactive AG. Solactive AG uses its best efforts to ensure that the Underlying Index is calculated correctly. Irrespective of its obligations toward Mackenzie, Solactive AG has no obligation to point out errors in the Underlying Index to third parties including but not limited to investors and/or financial intermediaries of the Mackenzie US TIPS Index ETF (CAD-Hedged). Neither publication of the Underlying Index by Solactive AG nor the licensing of the Underlying Index or Underlying Index trademark for the purpose of use in connection with the Mackenzie US TIPS Index ETF (CAD-Hedged) constitutes a recommendation by Solactive AG to invest capital in Mackenzie US TIPS Index ETF (CAD-Hedged) nor does it in any way represent an assurance or opinion of Solactive AG with regard to any investment in Mackenzie US TIPS Index ETF (CAD-Hedged).

## RATIOS AND SUPPLEMENTAL DATA

| CAD Units (Ticker: QTIP)                                    | Mar. 31<br>2022 | Mar. 31<br>2021 | Mar. 31<br>2020 | Mar. 31<br>2019 | Mar. 31<br>2018 |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| Total net asset value (\$000)¹                              | 563,846         | 537,187         | 602,009         | 91,882          | 7,922           |
| Units outstanding (000)¹                                    | 5,360           | 5,060           | 5,920           | 940             | 80              |
| Management expense ratio (%)²                               | 0.17            | 0.17            | 0.18            | 0.23            | 0.23            |
| Management expense ratio before waivers or absorptions (%)² | 0.17            | 0.17            | 0.18            | 0.23            | 0.23            |
| Trading expense ratio (%)³                                  | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            |
| Trading expense ratio before reimbursements (%)³            | 0.00            | 0.00            | 0.00            | 0.00            | 0.06            |
| Portfolio turnover rate (%)⁴                                | 48.23           | 98.00           | 41.24           | 43.79           | n/a             |
| Net asset value per unit (\$)                               | 105.20          | 106.17          | 101.70          | 97.74           | 98.99           |
| Closing market price (\$)⁵                                  | 104.83          | 106.31          | 103.04          | 97.86           | 98.94           |

- This information is provided as at the end of the fiscal period shown.
- Management expense ratio ("MER") is based on total expenses, excluding commissions and other portfolio transaction costs, income taxes and withholding taxes, for the stated period and is expressed as an annualized percentage of daily average net assets during the period, except as noted. If the ETF was established in the period, the MER is annualized from the date of inception to the end of the period. Where the ETF directly invests in securities of another fund (including other ETFs), the MER presented for the ETF includes the portion of MERs of the other fund(s) attributable to this investment. Any income distributions received from ETFs managed by the Manager, with the intention of offsetting fees paid within those ETFs but which are not considered to be duplicative fees under regulatory requirements, are treated as waived expenses for MER purposes. The Manager may waive or absorb operating expenses at its discretion and stop waiving or absorbing such expenses at any time without notice.
- The trading expense ratio ("TER") represents total commissions and other portfolio transaction costs expressed as an annualized percentage of daily average net assets during the period. Where the ETF invests in securities of another fund (including other ETFs), the TER presented for the ETF includes the portion of TERs of the other fund(s) attributable to this investment. Mackenzie may reimburse the ETF for certain brokerage commissions and other transaction costs (including those payable to the custodian or its agents). Mackenzie may make these reimbursements at its discretion and stop these reimbursements at any time without notice.
- The ETF's portfolio turnover rate indicates how actively the ETF's portfolio advisor manages its portfolio investments. A portfolio turnover rate of 100% is equivalent to the ETF buying and selling all of the securities in its portfolio once in the course of the period. The higher the ETF's portfolio turnover rate in a period, the greater the trading costs payable by the ETF in the period, and the greater the chance of an investor receiving taxable capital gains in the year. There is not necessarily a relationship between a high turnover rate and the performance of the ETF. The portfolio turnover rate is not provided when the ETF is less than one year old.
- Closing market price, or the midpoint of the bid and ask prices in the absence of a closing market price, on the last trading day of the period as reported on the NEO Exchange Inc.