

Factsheet

Canadian Ultra Long Duration Fixed Income Strategy

Key facts¹

Style	Multidiscipline
Strategy inception	April 2012
Benchmark	FTSE Canada 20+ Overall Bond Index

Investment philosophy²

We believe that there are “pockets of value” in the Canadian ultra long term bond market. Thorough credit and curve analysis enables us to identify and exploit these pockets of value in the pursuit of long-term returns, primarily investing in bonds with a maturity longer than twenty years, while minimizing downside risk. Within this conservative framework we apply our creativity to generate innovative investment ideas, and develop state of the art portfolio management techniques, allowing us to remain at the forefront of the investment industry.

Managed by



Roshan Thiru, CFA
Began Career 2000



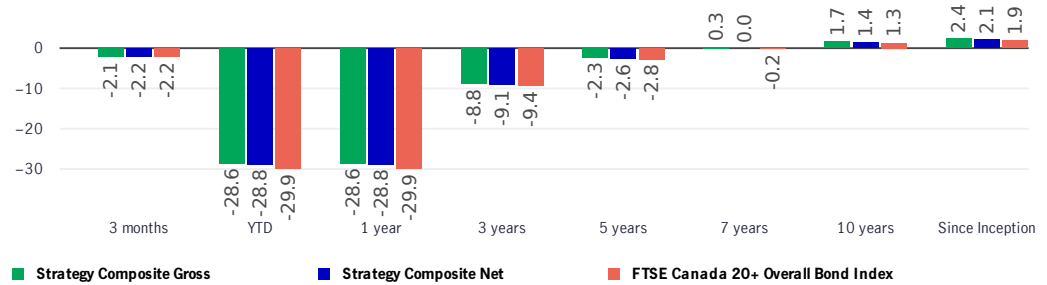
Altaf Nanji, CFA
Began Career 1998



Sivan Nair, CFA
Began Career 2003

Average annual total returns (%)

Returns as of December 31, 2022



Calendar year returns (%)

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Strategy Composite Gross	-28.58	-5.90	12.74	18.64	-0.98	10.99	3.41	4.37	24.63	-10.79
Strategy Composite Net	-28.79	-6.18	12.40	18.29	-1.28	10.66	3.10	4.06	24.25	-11.05
FTSE Canada 20+ Overall Bond Index	-29.92	-5.85	12.67	18.07	-1.16	10.57	2.85	4.36	25.37	-11.56

Gross performance results does not include advisory fees and other expenses an investor may incur, which when deducted will reduce returns. Changes in exchange rates may have adverse effects. Net performance results reflect the application of the highest incremental rate of the standard investment advisory fee schedule to gross performance results. Actual fees may vary depending on, among other things, the applicable fee schedule and portfolio size. Investment management fees are available upon request.

Past performance is not indicative of future results. Performance shown is the composite as of the date shown in CAD. Returns greater than one year are annualized. Inception Date: April 1, 2012.

Returns for 2012 are partial.

Top ten issuers (%)³

Canadian Ultra Long Duration Fixed Income Strategy	
Province of Ontario Generic Strip Residual	19.35
Province of Quebec	13.58
Province of Quebec Residual Strip	10.73
Government Of Canada	8.97
Hydro Quebec Residual Strip	6.26
Province of Alberta	3.14
Province of Ontario	3.13
Province of British Columbia	3.12
Hydro-Quebec	2.64
Merit Trust	2.39
Total	73.30

1 The FTSE Canada 20+ Overall Index is a mix of Strips (all Strips are from the FTSE Stripped Bond Index) and Bonds (all bonds are from FTSE the Universe Bond Index), with all having a term of 20+ years and the index has a rough target of 20 years Modified Duration. **2** This material contains information regarding the investment approach described and is not a complete description of the investment objectives, risks, policies, guidelines or portfolio management and research that supports this investment approach. There is no guarantee that investment objectives will be met. The investment process may change over time. **3 Representative portfolio characteristics** — Holdings, sector weightings, market capitalization and portfolio characteristics are subject to change at any time and are based on a representative portfolio, and may differ, sometimes significantly, from individual client portfolios. Top ten holdings information shown combines share listings from the same issuer, and related depositary receipts, into a singular holding to accurately present aggregate economic interest in the referenced company.

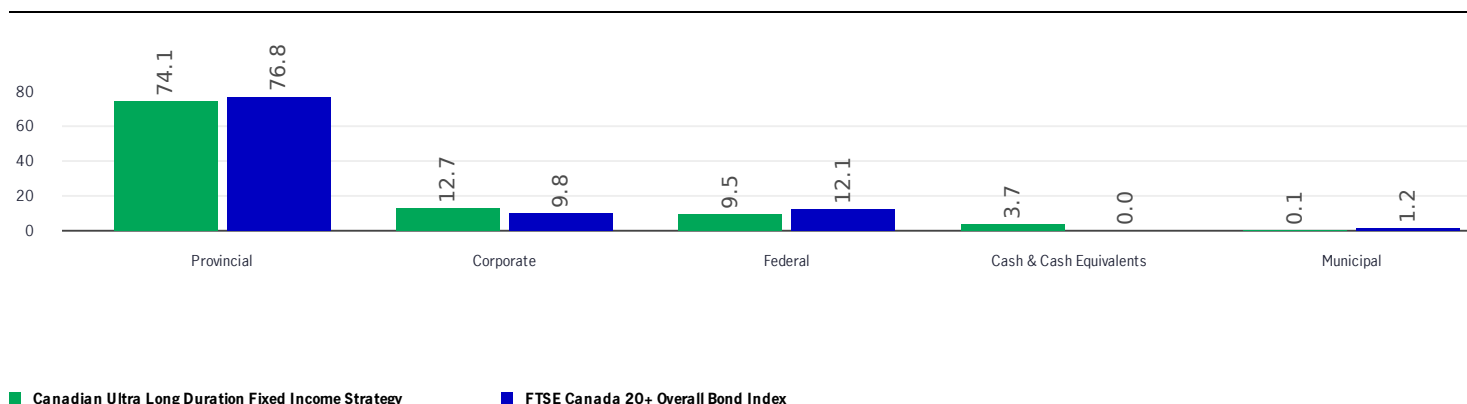
Portfolio characteristics³

	Canadian Ultra Long Duration Fixed Income Strategy	FTSE Canada 20+ Overall Bond Index
Avg. credit quality	AA/AA-	AA/AA-
Duration (years)	20.66	21.42
Yield to maturity (%)	4.45	4.29
Yield to worst (%)	4.44	4.29

Credit quality (%)³

	Canadian Ultra Long Duration Fixed Income Strategy	FTSE Canada 20+ Overall Bond Index
AAA	9.54	12.22
AA	70.47	71.90
A	8.66	11.90
BBB	7.66	3.98
Cash & Other	3.67	—

Credit ratings sourced from Moody's, S&P, Fitch and DBRS. Calculation methodology is subject to change and may differ from what is shown in client-specific materials.

Sector allocation (%)³

This material has not been reviewed by, is not registered with any securities or other regulatory authority, and may, where appropriate, be distributed by Manulife Investment Management and its subsidiaries and affiliates.

Manulife Investment Management is the global wealth and asset management segment of Manulife Financial Corporation. We draw on more than a century of financial stewardship to partner with clients across our institutional, retail, and retirement businesses globally. Our specialist approach to money management includes the highly differentiated strategies of our fixed-income, specialized equity, multi-asset solutions, and private markets teams—along with access to specialized, unaffiliated asset managers from around the world through our multimanager model. The indices referenced are broad-based securities market indices and used for illustrative purposes only. The indices cited are widely accepted benchmarks for investment performance within their relevant regions, sectors or asset classes, and represent non-managed investment portfolios.

This information has been provided by Manulife Investment Management. All material is compiled from sources believed to be reliable and correct, but accuracy cannot be guaranteed. This is not to be construed as an offer to buy or sell any financial instrument nor does it constitute an offer or invitation to invest in any fund managed by Manulife Investment Management and has not been prepared in connection with any such offer. This information does not constitute, and should not be construed as, investment advice or recommendations with respect to the securities and sectors listed.

References to securities, transactions or holdings should not be considered a recommendation to purchase or sell a particular security. The securities referenced do not represent all of the securities purchased, sold or recommended during the period and there is no assurance that the securities will remain in the portfolio. There is no guarantee as to the future profitability of such securities.

Manulife Investment Management claims compliance with the Global Investment Performance Standards (GIPS®). For purposes of compliance with the Global Investment Performance Standards (GIPS®), our firm Manulife Investment Management “Manulife IM” was created on January 1, 2018 as a result of a consolidation of six firms that claimed compliance with GIPS®. Manulife IM comprises Manulife Investment Management (US) LLC, Manulife Investment

Management (North America) Limited, Manulife Investment Management (Europe) Limited, Manulife Investment Management (Japan), Manulife Investment Management (Hong Kong) Limited, Manulife Investment Management (Singapore) Pte. Ltd., Manulife Investment Management Limited, Manulife Investment Management Private Markets (Canada) Corp. and John Hancock Trust Company. Effective January 1, 2021, the firm includes assets managed under contract by Manulife Investment Management Private Markets (US) LLC (“Manulife IM PM US”) and the unaffiliated managers SMA/Wrap business from John Hancock Investment Management LLC, a Manulife IM company. Investors interested in these strategies can access this information through their local Manulife IM affiliate. To receive a complete list and description of Manulife Investment Management’s composites and/or a presentation that adheres to the GIPS standards, contact your local Institutional Sales representative on the Contact Us page at manulifeim.com/institutional. GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein.

Manulife, Manulife Investment Management, Stylized M Design, and Manulife Investment Management & Stylized M Design are trademarks of The Manufacturers Life Insurance Company and are used by it, and by its affiliates under license. John Hancock Investment Management LLC and Manulife Investment Management (US) LLC are affiliated SEC-registered investment advisors using the brand name John Hancock Investment Management.

The strategy offers dynamic exposure to long-dated government bonds and investment-grade corporate debt, while seeking enhanced total return opportunities through taking an active approach to credit, sector and security selection, and yield curve management.

3 Representative portfolio characteristics — Holdings, sector weightings, market capitalization and portfolio characteristics are subject to change at any time and are based on a representative portfolio, and may differ, sometimes significantly, from individual client portfolios. Top ten holdings information shown combines share listings from the same issuer, and related depositary receipts, into a singular holding to accurately present aggregate economic interest in the referenced company.

FOR INSTITUTIONAL/INVESTMENT PROFESSIONAL USE ONLY.
NOT FOR DISTRIBUTION TO THE PUBLIC.