

June 1, 2023

ONE Investment

Christopher M. Chapman, CFA
Senior Portfolio Manager
Head of Global Multi-Sector Fixed Income

Thomas C. Goggins
Senior Portfolio Manager
Global Multi-Sector Fixed Income

Sherri Tilley
Client Portfolio Manager, Global Multi-Sector Fixed Income

Mark Bischoff, CFA
Managing Director, Relationship Management

For discussion of the risks associated with this strategy, please see the Investment Considerations page at the end of the presentation.

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Manulife Investment Management

Part of a leading global financial services group

Manulife

Protecting
customer assets
since 1887

More than **40,000**
employees serving more than
34M customers worldwide

\$1.3T in assets
under management
and administration

- Global wealth and asset management
- Financial advice
- Insurance

Manulife Investment Management

- Institutional asset management
- Retirement
- Retail investments

1,000+
institutional
accounts

\$1.0T in assets
under management
and administration

More than **17M** retirement
plan participants and
investor accounts

264,599
retirement plans
served globally

Source: MFC Statistical Information Package. Manulife Investment Management is the unified global brand for Manulife's global wealth and asset management business, which serves individual investors and institutional clients in three businesses: retirement, retail and institutional asset management (public and private markets). Global Wealth and Asset Management AUMA at December 31, 2022, which includes \$229.5 billion of assets managed on behalf of other segments and \$170.2 billion of assets under administration. Assets shown in Canadian dollars.

A passion for providing solutions

Backed by the full resources of a leading global financial institution

Fixed income

Diverse strategies built on centralized research, autonomous teams, and a heritage of risk management.

160

investment
professionals

9

teams around
the globe

\$239.7B

in assets under
management¹

Multi-asset solutions

Active allocation, deeper diversification, and tailored solutions built over 25 years of multi-asset innovation.

61

investment
professionals

25+

Years of multi-
asset investing

\$182.6B

in assets under
management²

Alpha-focused equity

Customizable, differentiated strategies pursuing specialized and durable sources of alpha.

160

investment
professionals

10

teams around
the globe

\$133.2B

in assets under
management³

Private markets

Capitalizing on inefficient markets, diversification potential, and seeking attractive risk-adjusted returns.

244

investment
professionals⁴

95+

Years of
experience⁵

\$93.7B

in assets under
management and
administration⁶

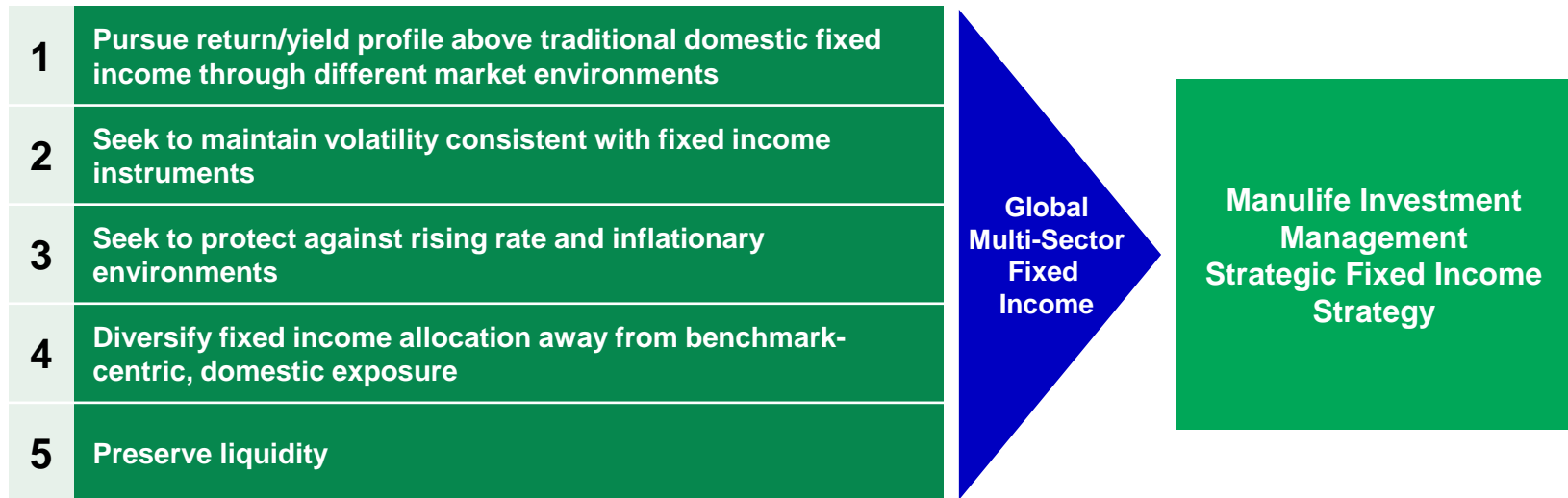
Source: Manulife Financial Corporation as of December 31, 2022. Excludes subadvised assets under management. Assets shown in Canadian dollars. Manulife Investment Management's global investment professional team includes expertise from several Manulife IM affiliates and joint ventures; not all entities represent all asset classes. 1 AUM excludes liability driven investing (LDI) assets and includes certain equity and fixed income portions of balanced investments. The methodologies used to compile the total AUM are subject to change. 2 AUM includes C\$3.5 billion non-discretionary advice for the Manulife General Account by MAST Index team, and C\$3.0 billion External Clients AUM advised by MAST LDI team, but these funds are managed by other Manulife IM desks. 3 AUM includes certain equity and fixed income portions of balanced investments. The methodologies used to compile the total AUM are subject to change. The methodologies used to compile the total AUM are subject to change. 4 Investment professionals includes individuals who manage assets on behalf of both the Manulife General Account and external third parties. 5 Includes significant experience investing on behalf of the Manulife general account. 6 AUM includes C\$87.7 billion managed by Manulife IM Private Markets and C\$6.0 billion managed by Manulife IM Public Markets. The methodologies used to compile the total AUM are subject to change and may not reflect regulatory AUM as reported on certain affiliates' Form ADV.

Global multi-sector fixed-income

A response to challenging fixed income markets

Typical plan sponsor

Fixed income investment objectives



No investment strategy or risk management technique can guarantee returns or eliminate risk in any market environment.
For illustrative purpose only. Diversification does not guarantee a profit nor protect against loss in any market.

Global multi-sector fixed-income team

Roles and experience

Christopher Chapman, CFA

Head of Global Multi-Sector Fixed Income, Senior Portfolio Manager (24 years' experience, Boston)

Kisoo Park

Senior Portfolio Manager
37 years' experience, Hong Kong

Thomas C. Goggins

Senior Portfolio Manager
36 years' experience, Boston

Bradley Lutz, CFA

Senior Portfolio Manager
31 years' experience, Boston

Charles Tomes

Associate Portfolio Manager
15 years' experience, Boston

Joseph Rothwell, CFA

Senior Investment Analyst
15 years' experience, Boston

Christopher Smith, CFA, CAIA

Senior Investment Analyst
15 years' experience, Boston

Sherri Tilley

Client Portfolio Manager
15 years' experience, Boston

Christopher Camell

Senior Portfolio Analyst
25 years' experience, Boston

Andrew Moylan, CFA

Portfolio Analyst
15 years' experience, Boston

Wesley Adeyemi

Portfolio Analyst
8 years' experience, London

Nancy Zheng, CESGA

Portfolio Analyst
4 years' experience, Hong Kong

Steven Crowley, CFA

Client Portfolio Analyst
6 years' experience, Boston

Additional resources

Global Trading

25 dedicated traders located across Boston, Toronto, London, and Singapore

Macroeconomic Strategy

Frances Donald
Global Chief Economist and Strategist
7 Macroeconomic strategists

Fixed Income Credit Research

Global research capabilities located in Boston, Toronto, London, and Asia
48 research analysts

Spencer Godfrey, CFA

Head of Global Developed Markets Fixed-Income Research

Fiona Cheung

Head of Global Emerging Markets Fixed Income Research

Asian Fixed Income Team

Investment professionals in 10 markets:
China, Hong Kong, Indonesia, Japan, Malaysia, Philippines, Taiwan, Thailand, Vietnam, Singapore

Sustainable Investing

Peter Mennie, ASIP
Chief Sustainable Investment Officer
14 ESG analysts

Investment Risk and Quantitative Analytics

Amirali Assef, CFA
Global Head of Investment Risk
10 Quantitative analysts

As of March 31, 2023

Strategic Fixed Income Strategy

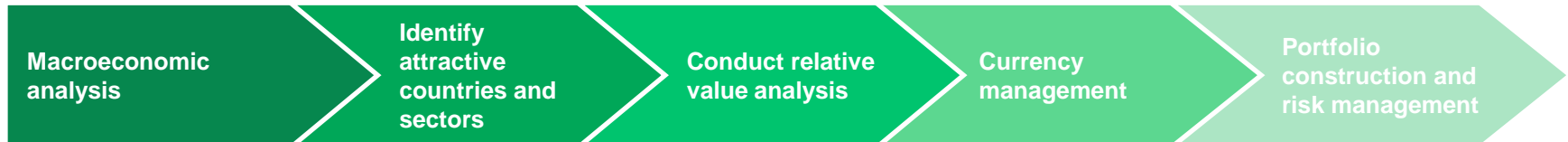
Investment philosophy and process

Philosophy

We believe strong, consistent returns can be generated by investing primarily in a portfolio of global government, corporate and securitized debt, including emerging markets and high yield securities. Currency management is employed to further diversify the portfolio, mitigate risk and add value. By expanding the investment universe to include multiple sectors and currencies, we believe we increase our potential to add value while reducing risk.

Process

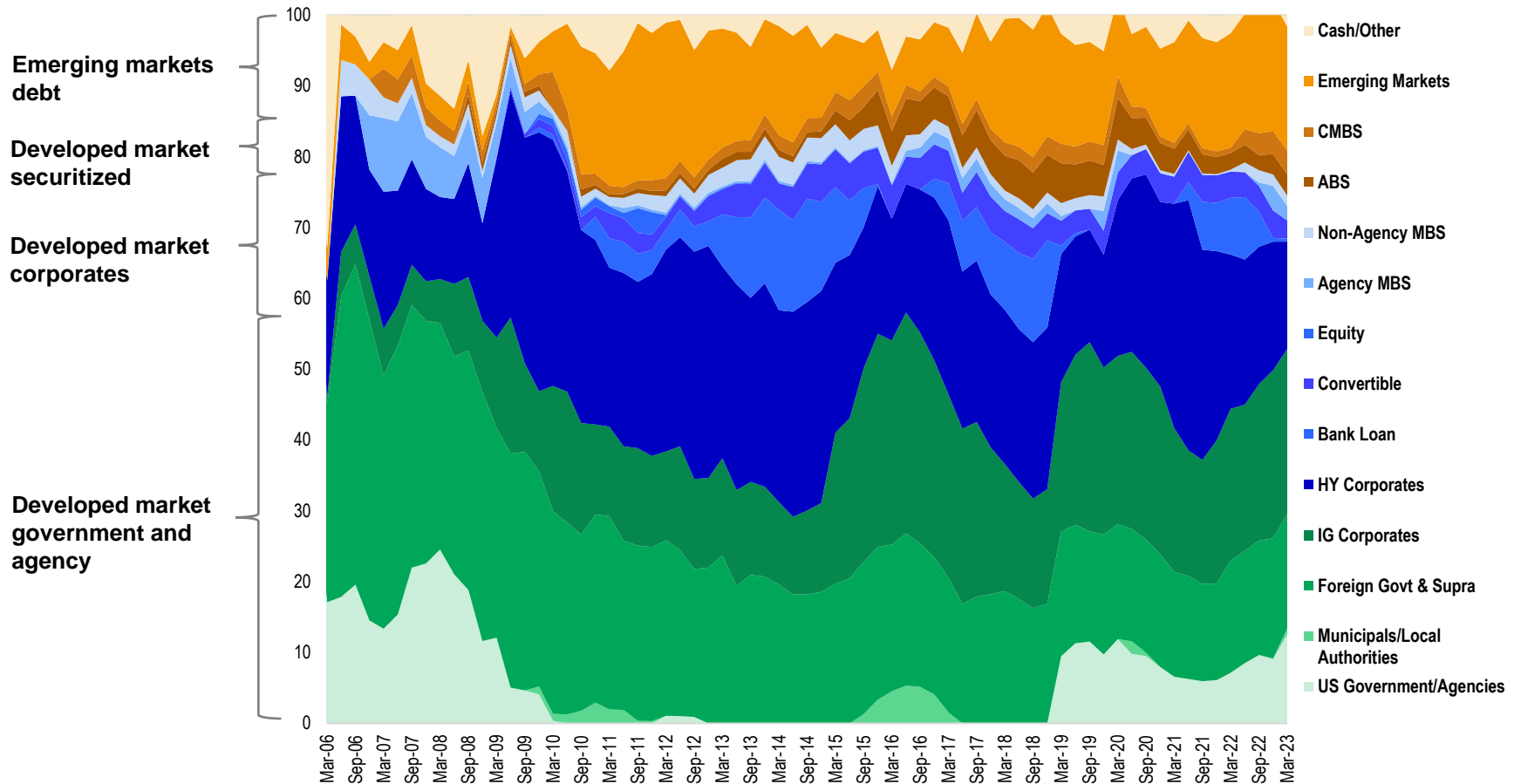
- Consistent adherence to disciplined investment style and process which utilizes diverse sources of alpha
- Using a comprehensive investment process, we seek to:
 - Invest in attractive countries and sectors based on our top-down view of macro economic conditions
 - Engage in an intensive bottom-up research process to identify relative value opportunities, including the analysis of business, financial, liquidity and ESG factors
 - Make opportunistic currency investments to add value and further diversify our portfolio position



For illustrative purposes only.

Strategic Fixed Income Strategy

Dynamic country and sector allocation



As of March 31, 2023. For illustrative purposes only.

Portfolio allocation is subject to change without notice. Portfolio Allocations of individual client portfolios in the program may differ, sometimes significantly, from those shown. This information does not constitute, and should not be construed as, investment advice or recommendations with respect to the sectors listed. This information is supplemental to the GIPS-compliant presentation included as a part of this material. There can be no guarantee that similar investment opportunities will be available in the future or that the strategy will be able to exploit similar investment opportunities should they arise.

ESG factors are embedded into our fundamental investment process

The Global Multi-Sector Fixed Income Team seeks to:

- Understand the transmission of material ESG risks to global fixed income issuer profiles
- Evaluate how relevant ESG factors contribute to an investment's risk and valuation
- Identify relevant ESG opportunities in the form of information asymmetries, rating trends and issuer inflection points

ESG due diligence

ESG integration approach



Credit research team applies industry and regional expertise to assess material ESG factors using a proprietary ESG credit and sovereign risk analysis templates to assess the potential for ESG factors to impact spreads and possibly default risks.

Resources



Investment teams have access to specialized third party ESG research and data, proprietary ESG industry handbooks, periodic ESG trainings, and dedicated internal ESG specialists.

Decision



We look to understand the potential impacts of ESG on the fundamental risk/reward profile, whether additional compensation (yield spread) is required for the ESG risks, and the overall valuation impact. Investments in companies with elevated ESG risks are not systematically excluded, provided the risks and exposure are appropriate at the portfolio level.

ESG risk monitoring

Daily risk reporting

Daily reports delivered to all investment teams highlight the highest-risk names for each strategy.

Portfolio analysis reports

Portfolio monitoring helps to analyze ESG performance on an ongoing basis, highlighting portfolio trends versus the benchmark and exposure to thematic ESG risks/opportunities.

ESG risk reviews

Investment teams have ongoing portfolio reviews with Sustainable Investing team to discuss investment approach to relevant ESG issues at the company and portfolio level.

Active ownership and collaboration

Engagement



Engagement with corporate and sovereign entities may be conducted to enable better understanding of issuers' risk mitigation activities and changes to their risk profile. We participate in private and collaborative engagements.

Ongoing review



Follow-up meetings are considered based on evidence of company progress, significance of investment for overall portfolio, etc.

Collaboration



Manulife IM participates in a wide variety of collaborative engagements around the globe. This work allows us to expand the scope of our sustainability-focused activity while helping us build more resilient portfolios. Our collaborative engagements may focus on individual investments and systemic risks—and sometimes both.

For illustrative purposes only.

While ESG analysis is integrated into our investment process the strategy is not optimized or constructed on the basis of sustainability or ESG factors in isolation.

Performance Review

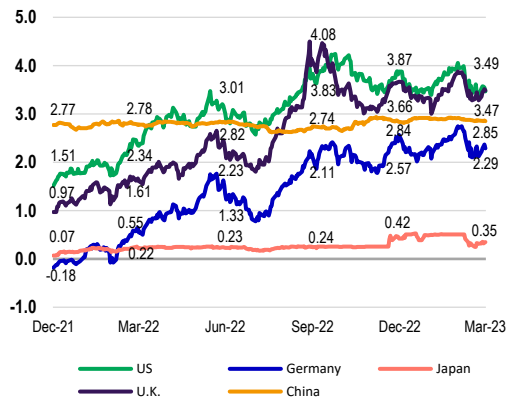
Strategic Fixed Income Strategy

Lower government yields amid mixed credit spreads and Canadian dollar performance led to positive global bond returns

Interest rates

Yields on government debt were lower (despite a tighter policy response from global central banks) with a shift in investor sentiment linked to banking sector concern.

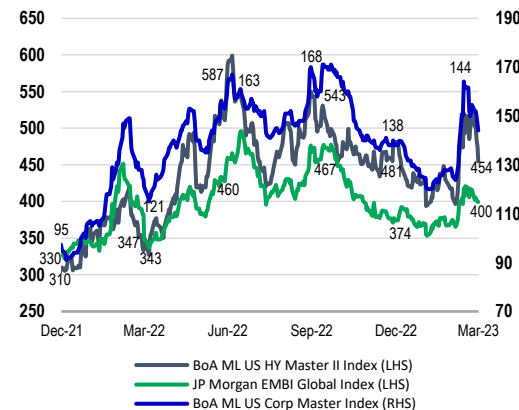
10 Year Gov't Yields



Credit spreads

Spreads were mixed in the first quarter but wider in March, particularly across more rate sensitive sectors, with increased risk aversion related to market turmoil.

IG, HY, & EMD Spreads



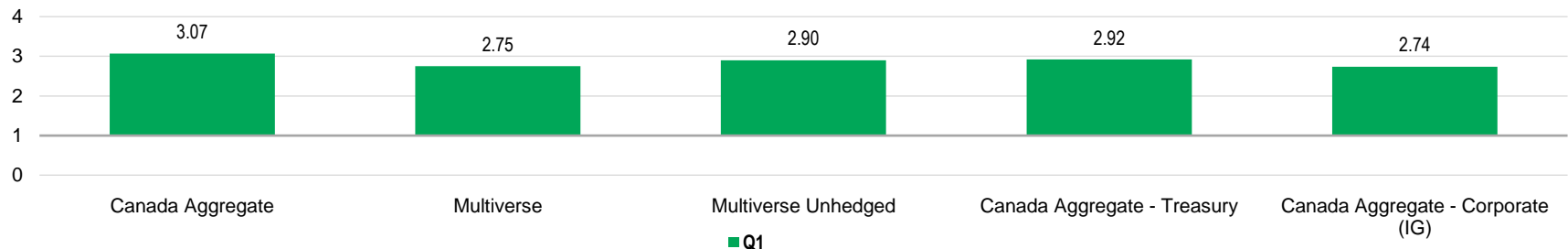
Currencies

CADUSD posted choppy performance, impacted by a divergence in monetary policy, but CAD performed well alongside other commodity block currencies despite fluctuating oil prices.

CADUSD



Bloomberg Fixed Income Index Returns (% hedged in CAD)



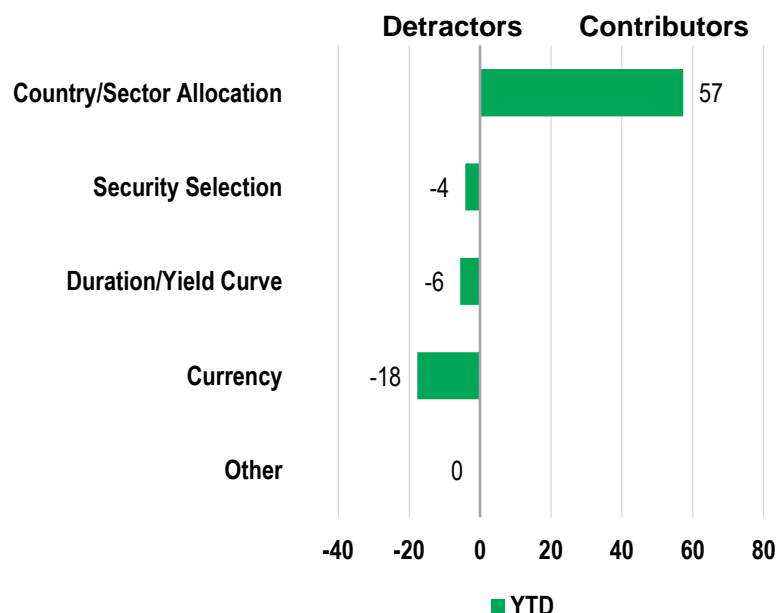
Source: Bloomberg, JP Morgan, BAML
As of March 31, 2023

YTD Investment Results

Country/Sector allocation were the primary contributors to excess return

Performance	YTD
One Investment	3.77
Bloomberg Multiverse Index	3.57
Excess return	0.20

Performance attribution (bps)



YTD contributors

Country/sector allocation: Country and sector allocation combined was additive during the period, driven by overweight exposure to high yield corporates and the US combined with underweight exposure to US Treasuries, agency MBS and local markets in China and the eurozone.

YTD detractors

Currency management: Currency management was the largest detractor for the period due to underweight exposure to the euro and British pound, which appreciated against the Canadian dollar.

Duration/yield curve: Duration positioning was a detractor to excess return as our shorter duration posture hurt as interest rates generally moved lower, particularly in Canada and Japan.

Security selection: Security selection was negative as relative positioning within our hard currency EM credit and high yield corporate allocations underperformed.

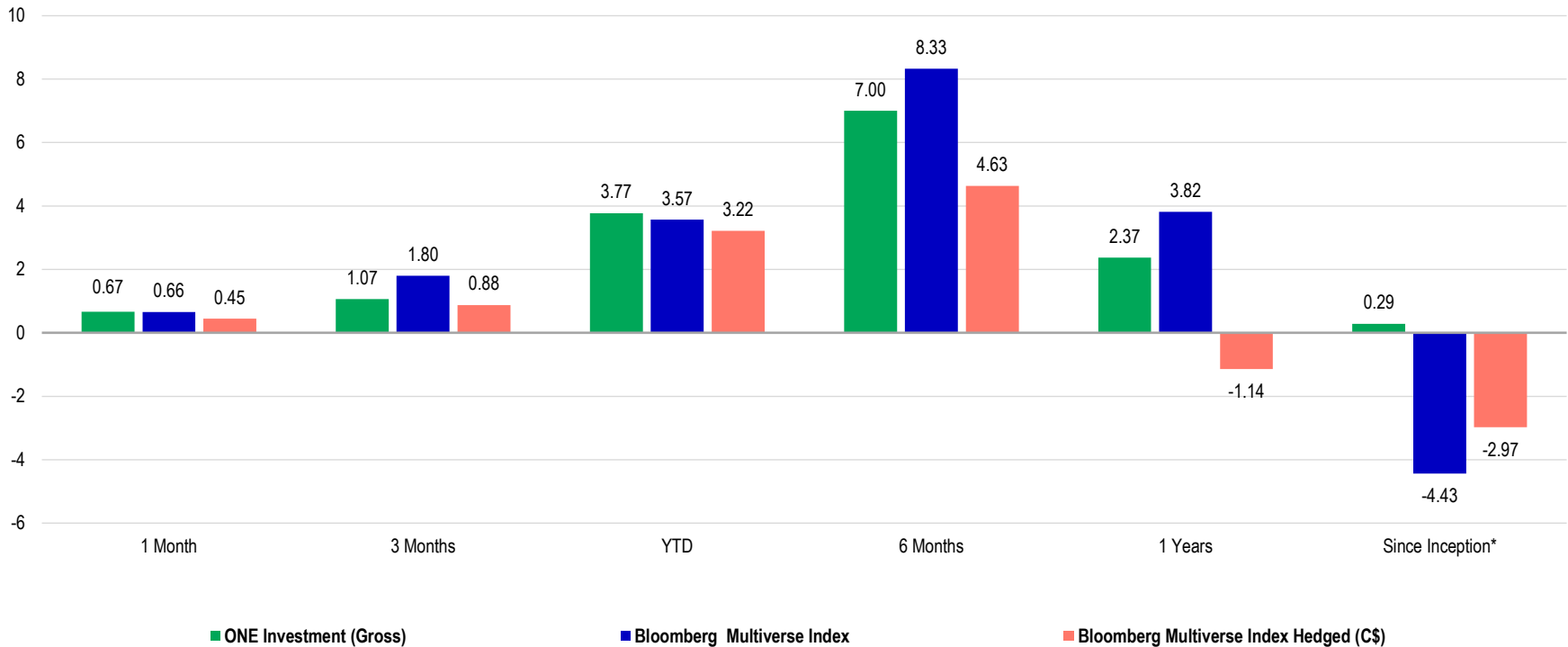
As of April 30, 2023

Past performance is not indicative of future results. Performance shown is gross of fees and does not include advisory fees and other expenses an investor may incur, which when deducted will reduce returns. Changes in exchange rates may have an adverse effect.

One Investment Results

as of April 30, 2023

Annualized Returns (%)



Source: Manulife Investment Management

*Since Inception Date: July 7, 2020

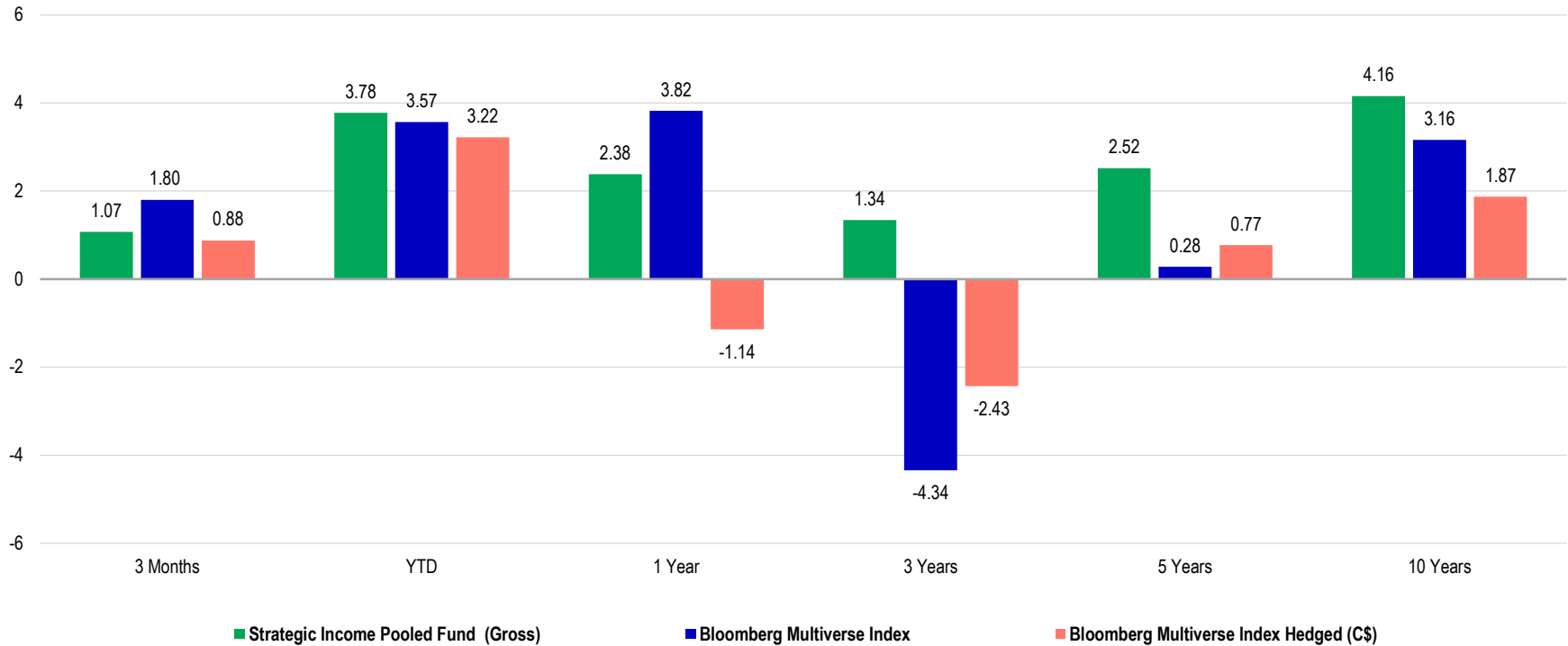
See page 21 for important information regarding this page.

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Strategic Income Pooled Fund

Investment results as of April 30, 2023

Annualized returns (%)



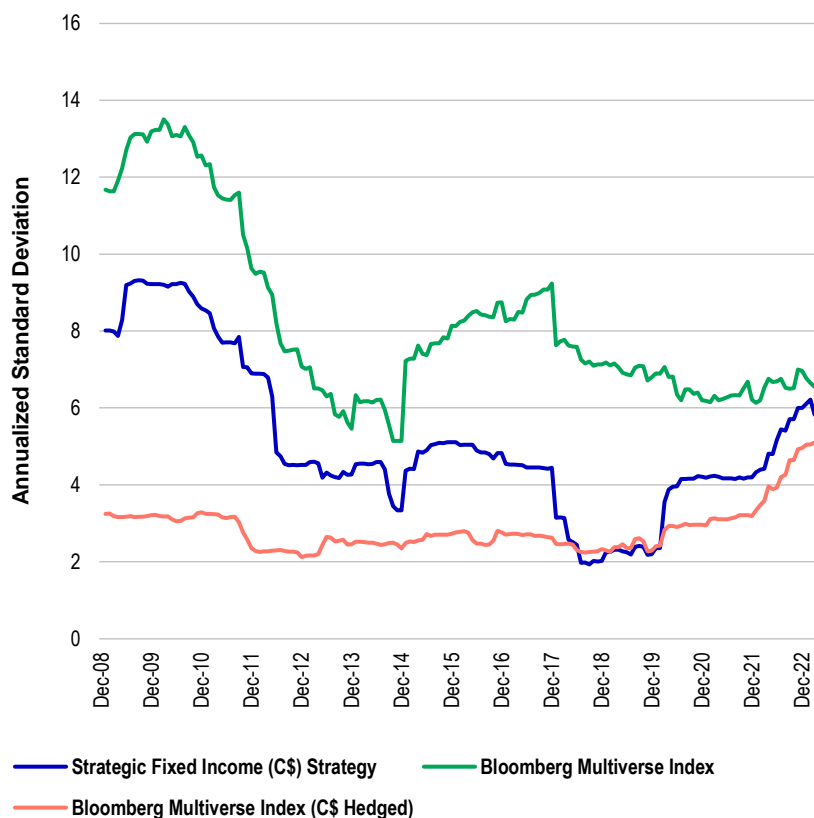
In CAD
Composite inception date: December 2005

Strategic Fixed Income Strategy

Risk analysis

Rolling 3-year volatility

(36 month annualized standard deviation)



5-year risk analysis

As of March 31, 2023

5-year risk/return analysis	Return	Standard deviation	Sharpe ratio
Strategic Fixed Income Strategy (Net)	1.97	5.21	0.12
Bloomberg Multiverse Index	-0.27	6.67	-0.24
Bloomberg Multiverse Index (C\$ Hedged)	0.60	4.52	-0.16

10-year risk analysis

as of March 31, 2023

10-year risk/return analysis	Return	Standard deviation	Sharpe ratio
Strategic Fixed Income Strategy (Net)	3.86	4.70	0.60
Bloomberg Multiverse Index	3.13	7.35	0.29
Bloomberg Multiverse Index (C\$ Hedged)	1.95	3.71	0.25

As of March 31, 2023





Source: Manulife Investment Management, Bloomberg, eVestment

Past performance is not indicative of future results. Performance is shown in CAD. Net performance results reflect the application of the highest incremental rate of the standard investment advisory fee schedule to gross performance results.

Composite inception date: December 2005

Portfolio Review and Market Outlook

Portfolio Investment Themes

Key investment risk		Investment theme	Q1 portfolio change
Interest rate risk		Balance downside protection with risk of a further rise in interest rates	<ul style="list-style-type: none"> Adjusted duration higher to 5.1 years as government bonds yields continued to trend higher Duration profile remains above our 4-year neutral target to add additional downside protection for credit exposures
Credit risk		Embrace diversification across sectors and regions	<ul style="list-style-type: none"> Reduced high yield and bank loans in favor of short investment grade corporates and securitized debt Added to emerging markets, selectively
Currency risk		Actively manage currency risk	<ul style="list-style-type: none"> Actively managed CAD hedge ratio ending the quarter at 81% with a reduction in developed currencies Maintain constructive medium-term view for CAD dollar strength
Liquidity risk		Maintain portfolio liquidity	<ul style="list-style-type: none"> Approximately 43% of the portfolio in maturities < 5 years Focus on larger issues

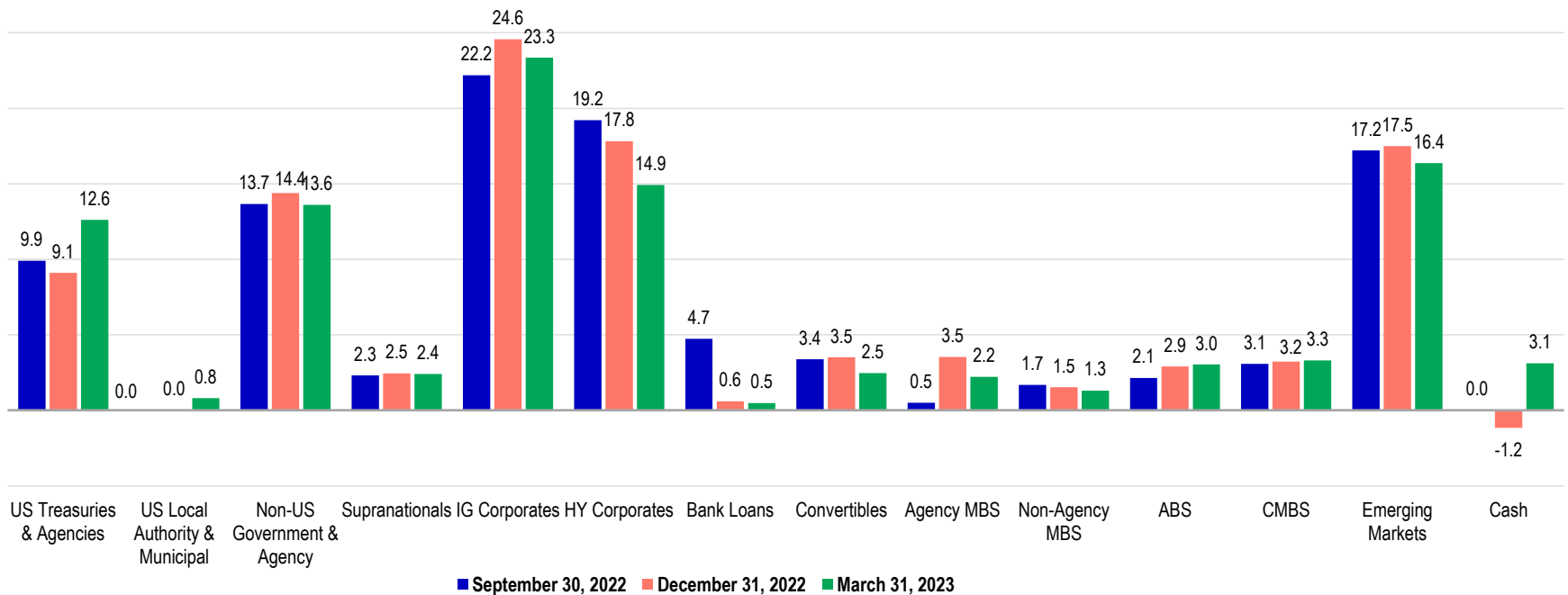
As of March 31, 2023

Strategic Fixed Income Strategy

Sector Allocation: Diversified Portfolio of Liquid Exposures

Strategic Fixed Income Strategy

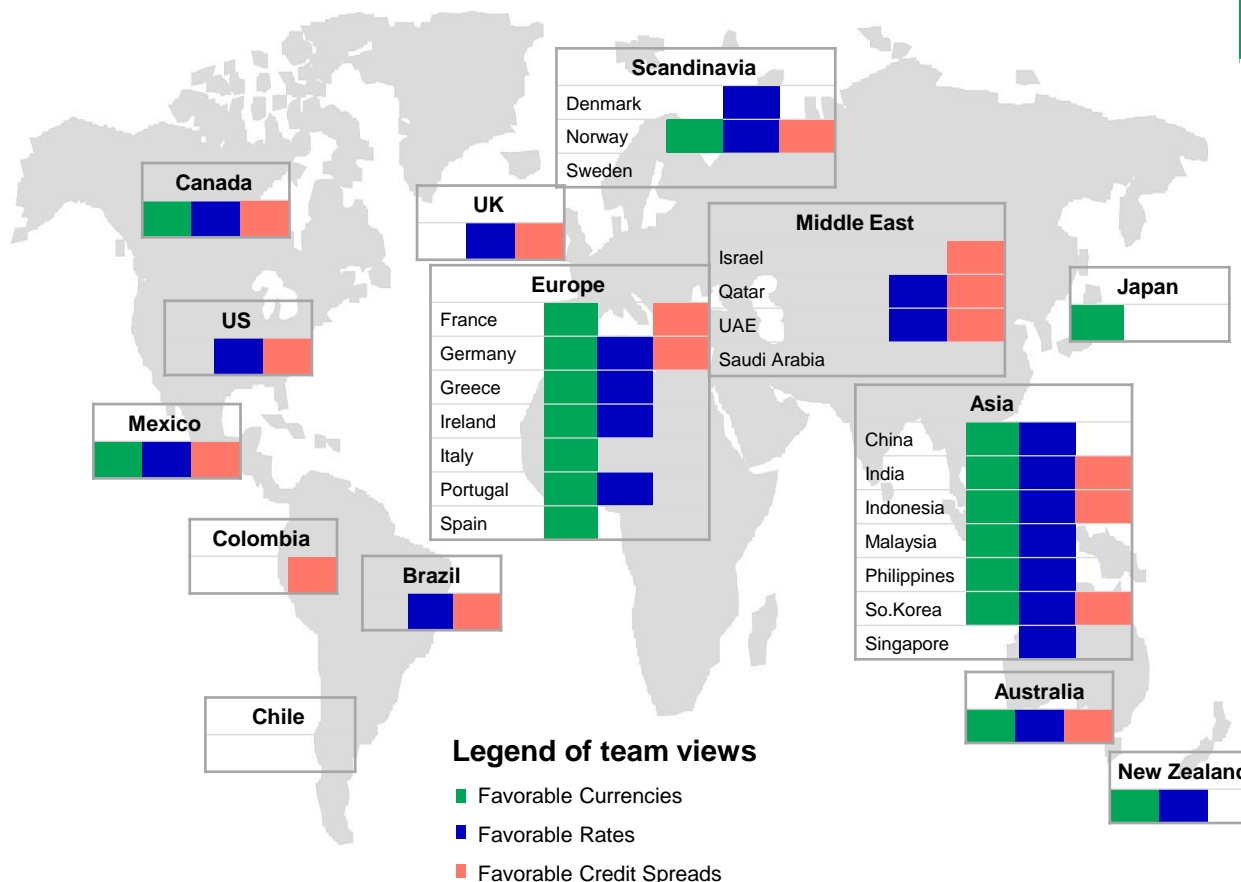
Characteristics	September 2022	December 2022	March 2023
Average Rating	BAA1	A3	A3
Yield to Worst	5.72	5.64	4.78
Current Yield	4.24	4.20	4.16
Effective Duration	4.65	4.86	5.13



Source: Manulife Investment Management as of March 31, 2023
Investment decisions are subject to change.

Global outlook

We believe balancing risk with yield while preserving quality, stability, and liquidity is important amid global uncertainty and market volatility.



As of March 31, 2023.

Global Outlook

Macroeconomic environment:

- Risks to global economic growth remain elevated and we anticipate a moderation in economic activity as central banks near the end of monetary policy tightening cycles amid a potential peak in inflation.
- The lagged impacts of higher interest rates remain uncertain but are expected to weigh on consumer spending, and housing and labor markets, over the medium-term.
- Volatility will likely remain elevated as markets and investors continue to navigate unclear economic and geopolitical landscape in 2023.

Opportunities:

- We are monitoring 1) changes to central bank monetary policy and forward guidance, 2) global economic, employment and inflation data, 3) broader tightening of financial conditions, and 4) elevated geopolitical tension, to make further shifts to the portfolio:
- Industry, issuer and quality rotations within corporate credit.
- Potential increase global government, securitized, and select emerging market exposures.
- Seek to actively manage currency exposures in the short-term, while maintaining longer-term view for a weaker US dollar.

Appendix

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Strategic Fixed Income Strategy

Representative portfolio characteristics as of March 31, 2023

Characteristic	Strategic Fixed Income (C\$) Strategy	Bloomberg Multiverse Index
Average Rating ¹	A3	A1
Average Coupon (%)	3.92	2.61
Average Life (Years)	7.12	8.48
Yield to Maturity (%)	4.84	3.79
Yield to Worst (%)	4.81	3.79
Effective Duration (Years)	5.22	6.69

Top Ten Issuers	Portfolio Weight (%)
United States Treasury Note/Bond	12.56
Indonesia Treasury Bond	2.81
Mexican Bonos	1.90
Norway Government Bond	1.65
Korea Treasury Bond	1.48
Fannie Mae Pool	1.26
Occidental Petroleum Corp	1.13
Malaysia Government Bond	1.10
Government Of Canada	1.09
Japan Government Five Year Bond	1.09
Total	26.06

Sector Allocation (%)	Strategic Fixed Income (C\$) Strategy	Bloomberg Multiverse Index
US Government	13.39	16.77
US Treasuries	12.57	16.06
US Agency	0.00	0.46
Municipal	0.82	0.25
Credit	41.41	19.27
IG Corporates	23.29	16.69
HY Corporates	15.14	2.58
Bank Loans	0.43	0.00
Convertibles	2.54	0.00
Equities	0.00	0.00
Securitized	9.85	13.50
Agency MBS	2.08	10.63
Non-Agency MBS	1.44	0.00
ABS	2.98	2.17
CMBS	3.35	0.70
Non-US Developed	16.19	34.61
Govt and Agency	13.73	32.49
Supranationals	2.46	2.12
Emerging Markets	17.55	15.85
Emerging Markets — USD	7.21	3.13
Emerging Markets — Non USD	10.34	12.72
Cash/Other	1.61	0.00

In CAD

¹ Average Rating is a Manulife IM proprietary average taking the average rating from Moody's, S&P, and Fitch.

Holdings, sector weightings, market capitalisation and portfolio characteristics are subject to change at any time and are for illustrative and reference purpose only. This information does not constitute, and should not be construed as, investment advice or recommendations with respect to the securities and sectors listed. This information is supplemental to the GIPS-compliant presentation included as a part of this material.

Biographies

Christopher M. Chapman, CFA

Senior Portfolio Manager, Head of Global Multi-Sector Fixed Income, Manulife Investment Management

Chris is co-leader of the company's global multi-sector fixed-income strategies, responsible for portfolio management, global sovereign debt, portfolio construction, and currency and risk management. Previously, he was a portfolio manager for global multi-sector fixed-income and, prior to that, he was a senior investment analyst and trader with the team. Earlier in his career, he worked in several other areas of the firm, including as an investment risk analyst on the quantitative research team. Chris began his career at State Street Bank. He holds the Certified Financial Analyst designation and is a member of the CFA Society Boston.

Education: B.S.B.A., Management, Stonehill College; M.S.F., Boston College

Joined the company: 2005

Began career: 1999

Thomas C. Goggins

Senior Portfolio Manager, Global Multi-Sector Fixed Income, Manulife Investment Management

Tom is responsible for portfolio management, global bond research, security selection, and risk management for the company's global multi-sector fixed-income strategies. Prior to joining the company, Tom held positions at Putnam Investments, Transamerica Investments, SAC Capital, and Fontana Capital.

Education: B.B.A., University of Wisconsin; M.A., Finance and Accounting, J.L. Kellogg Graduate School of Management at Northwestern University

Joined the company: 1995; rejoined in 2009

Began career: 1987

Biographies

Kisoo Park

Senior Portfolio Manager, Global Multi-Sector Fixed Income, Manulife Investment Management

Kisoo is responsible for portfolio management, global bond research, and currency management for the company's global multi-sector fixed-income strategies. He joined the firm from a hedge fund firm based in Hong Kong, where he was a founding member and COO. Prior to that, he was the CIO, responsible for tactical asset allocation investing in global equities, fixed-income, commodities, foreign exchange, and interest-rate asset classes at Prince Asset Management, Hong Kong. Earlier in his career, Kisoo held positions at Bank of Montreal, Fleet National Bank, Morgan Stanley, and Bank of New England, where he began his career specializing in treasury products, foreign exchange, and interest-rate trading.

Education: B.A., Economics, Tufts University; Executive Business Diploma, University of Chicago, Graduate School of Business

Joined the company: 2011

Began career: 1986

Brad Lutz, CFA

Portfolio Manager, Global Multi-Sector Fixed-Income, Manulife Investment Management

Brad is a portfolio manager on the firm's global multi-sector fixed-income team but will remain a portfolio manager on the preferred income team while he transitions to the new role. Previously, he was a senior investment analyst, supporting the company's fixed-income strategies and providing expertise in the power and utility, aerospace and defense, and industrials segments. Earlier in his career, he had the same areas of responsibility at Declaration Management & Research, an affiliate of Manulife Investment Management. Prior to joining the firm, Brad worked for Summit Investment Partners, where he had research, trading, and portfolio management responsibilities for high-yield and investment-grade corporate bonds and, prior to that, he was with Pacholder Associates as a high-yield credit analyst. Brad holds the Chartered Financial Analyst designation.

Education: B.S., Finance, Miami University

Joined the company: 2002

Began career: 1992

Biographies

Sherri N. Tilley

Client Portfolio Manager, Global Multi-Sector Fixed Income, Manulife Investment Management

Sherri is a client portfolio manager on the global multi-sector fixed-income team, where she supports the investment and client-facing teams in the effective communication and positioning of the firm's global multi-sector capabilities with clients, prospects, and consultants. Previously, she was a senior product specialist at Bank of New York Mellon's Insight Investment, where she supported taxable and tax-exempt fixed-income strategies through communications for a variety of audiences. Prior to that, Sherri held several roles throughout Bank of New York Mellon Investment Management, including time spent as product manager and portfolio analyst at Standish Mellon Asset Management.

Education: B.S.B.A., Finance, Northeastern University; M.S., Investment Management, Boston University

Joined the company: 2022

Began career: 2008

Biographies

Mark Bischoff, CFA

Managing Director, Relationship Management, Manulife Investment Management

Mark is responsible for managing Canadian institutional and subadvisory client relationships. Prior to joining the firm, he was principal at State Street Global Advisors (SSgA) in Canada, where he was responsible for business development, relationship management, and SSgA's sales and marketing efforts in the province of Ontario. Mark holds the Chartered Financial Analyst designation and is a member of both the Institutional Asset Management Committee of the CFA Society Toronto and the Ontario Regional Council of the Association of Canadian Pension Management. Mark is also a licensed Life and A&S insurance agent with the Financial Services Commission of Ontario.

Education: B.Com., University of Toronto

Joined the company: 2010

Began career: 1994

Strategic Income Pool Fund

Benchmark definitions

Index	Definition
Bloomberg Multiverse Index	The Bloomberg Multiverse Index provides a broad-based measure of the global fixed income bond market. The index represents the union of the Global Aggregate Index and the Global High Yield Index and captures investment grade and high yield securities in all eligible currencies.
Bloomberg Multiverse Index Hedged	The Bloomberg Multiverse Index provides a broad-based measure of the global fixed income bond market. The index represents the union of the Global Aggregate Index and the Global High Yield Index and captures investment grade and high yield securities in all eligible currencies, hedged to Canadian dollar.
FTSE Canada Universe Bond Index	The FTSE Canada Universe Bond Index is a market capitalization-weighted index designed to be a broad measure of the Canadian investment-grade, fixed income market, including Government of Canada, provincial and corporate bonds with maturities of more than one year and a credit rating of BBB or higher.
Bloomberg US Aggregate Bond Index	The Bloomberg US Aggregate Bond Index represents securities that are US domestic, taxable, dollar-denominated. The index covers the US investment-grade fixed-rate bond market, with index components for government and corporate securities, mortgage pass-through securities, and asset-backed securities.
BofA Merrill Lynch Global Corporate Index	The BofA Merrill Lynch Global Corporate Index tracks the performance of investment grade corporate debt publicly issued in the major domestic and eurobond markets. Qualifying securities must have an investment grade rating (based on an average of Moody's, S&P and Fitch), at least 18 months to final maturity at the time of issuance, at least one year remaining term to final maturity as of the rebalancing date and a fixed coupon schedule.
BofA Merrill Lynch Global High Yield Index	The BofA Merrill Lynch Global High Yield Index tracks the performance of USD, CAD, GBP and EUR denominated below investment grade corporate debt publicly issued in the major domestic or Eurobond markets. Qualifying securities must have a below investment grade rating (based on an average of Moody's, S&P and Fitch), at least 18 months to final maturity at the time of issuance, at least one year remaining term to final maturity as of the rebalancing date.
JP Morgan CEMBI Diversified Index	The JP Morgan Corporate Emerging Markets Bond Index (CEMBI) is a market capitalization weighted index consisting of liquid USD-denominated emerging market corporate bonds.
JP Morgan EMBI Global Diversified Index	JP Morgan EMBI Global Diversified Index is a uniquely weighted index that tracks total returns for U.S. dollar-denominated debt instruments issued by emerging market sovereign and quasi-sovereign entities, including Brady bonds, loans and Eurobonds.
JP Morgan GBI GBI-EM Global Diversified Index	The JPMorgan GBI-EM is a comprehensive emerging markets debt benchmark that track local currency bonds issued by Emerging Market governments.

Client Reporting Disclosure

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About Manulife Investment Management

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.

Additional information about Manulife Investment Management may be found at www.manulifeim.com/institutional.

The gross returns provided are shown gross of advisory and investment management fees and other expenses an investor would incur which would reduce returns, but net of transaction costs, unless otherwise noted. The net returns shown reflect the deduction of monthly accrued investment management fees from the gross returns. The monthly management fee accruals used are estimates based on historical assets under management and are subject to change based on actual fees billed. Past performance is not indicative of future results. Unless otherwise noted, returns greater than one year are annualized; calendar year

returns for each one-year period end in December. Discrepancies may occur due to rounding.

Performance information shown is generally for discretionary strategies/solutions and managed by an entity which is GIPS compliant and falls under the definition of a corresponding GIPS firm. Some investment strategies/solutions may not be included in a GIPS compliant firm under certain circumstances, e.g., SMA/UMA business in Canada or UMA models in the US.

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