

June 19, 2023

Toronto Investment Board

Presented by:

Ben Homsy, CFA
Principal, Portfolio Manager

Our Organization

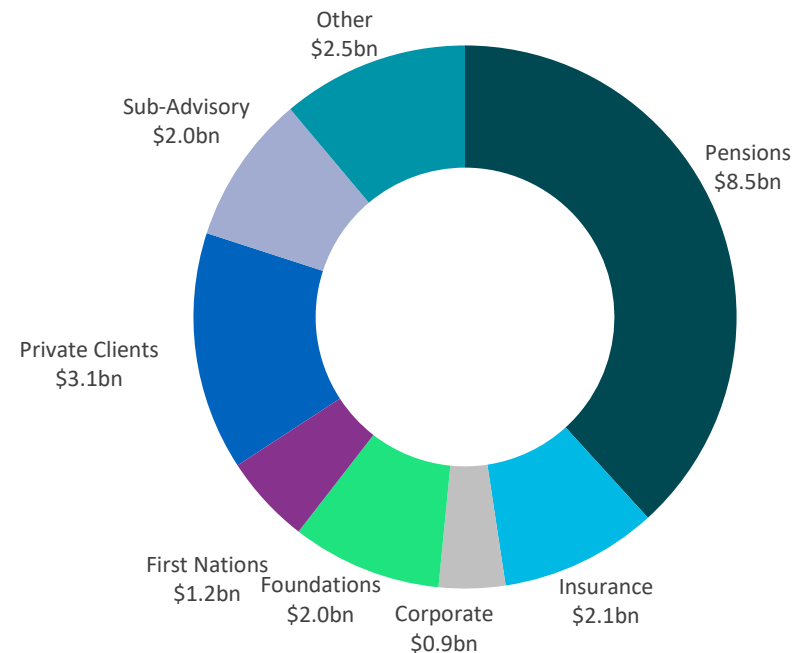
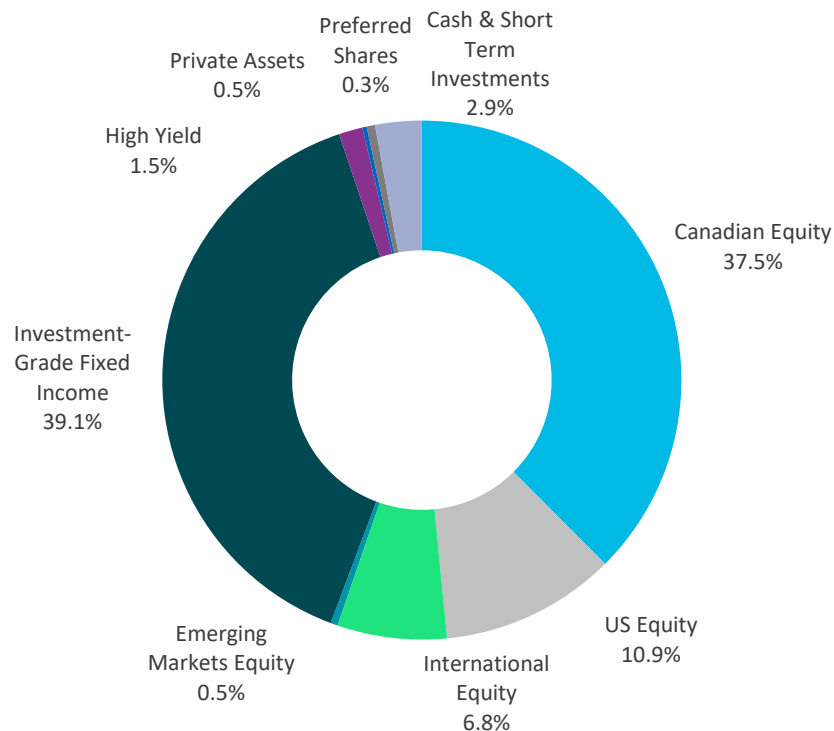
- Founded in 1982
- Fully Independent
- 100% employee-owned
- 109 employees / 88 employee-shareholders
- Value-based investment style
- Over \$22.9 billion assets under management
- Nationwide firm with offices in Vancouver, Calgary and Toronto



Quiet Money.®

Assets Under Management

As of March 31, 2023



Canadian Equity and Fixed Income assets under management continue to represent approximately equal shares of our Institutional assets under management

Source: Leith Wheeler Investment Counsel Ltd

Fixed Income Investment Team



Jim Gilliland, CFA

President & CEO, Head of Fixed Income
Prior Experience: Barclays Global Investors (BGI), HSBC Asset Management
Years in Industry: 30
Years at Firm: 14



Eric Lam, CFA

Financials
Prior Experience: TD, RBC
Years in Industry: 31
Years at Firm: 14



Dhruv Mallick, CFA

Crossover & Non-IG Credit
Prior Experience: CQS, Barclays Global Investors (BGI), PIMCO
Years in Industry: 23
Years at Firm: 8



Alexei Konopkine, CFA

Consumers
Prior Experience: Leith Wheeler
Years in Industry: 18
Years at Firm: 18



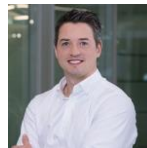
Ryan Goulding, CFA

Government Strategies
Prior Experience: PH&N, Merrill Lynch
Years in Industry: 16
Years at Firm: 7



Ben Homsy, CFA

Institutional Portfolio Mgt
Prior Experience: Goldman Sachs, JP Morgan
Years in Industry: 25
Years at Firm: 9



Sean Greenhalgh, CFA

Pipelines, Distribution
Prior Experience: RBC, Scotia Bank
Years in Industry: 15
Years at Firm: 8



Tamsin Wilding, CFA

Government Strategies
Prior Experience: Bank New Zealand, National Australia Bank
Years in Industry: 13
Years at Firm: 7



Catherine Heath, CFA

Prior Experience: Leith Wheeler Investment Counsel
Years in Industry: 23
Years at Firm: 23



Michelle Zuliani, CFA

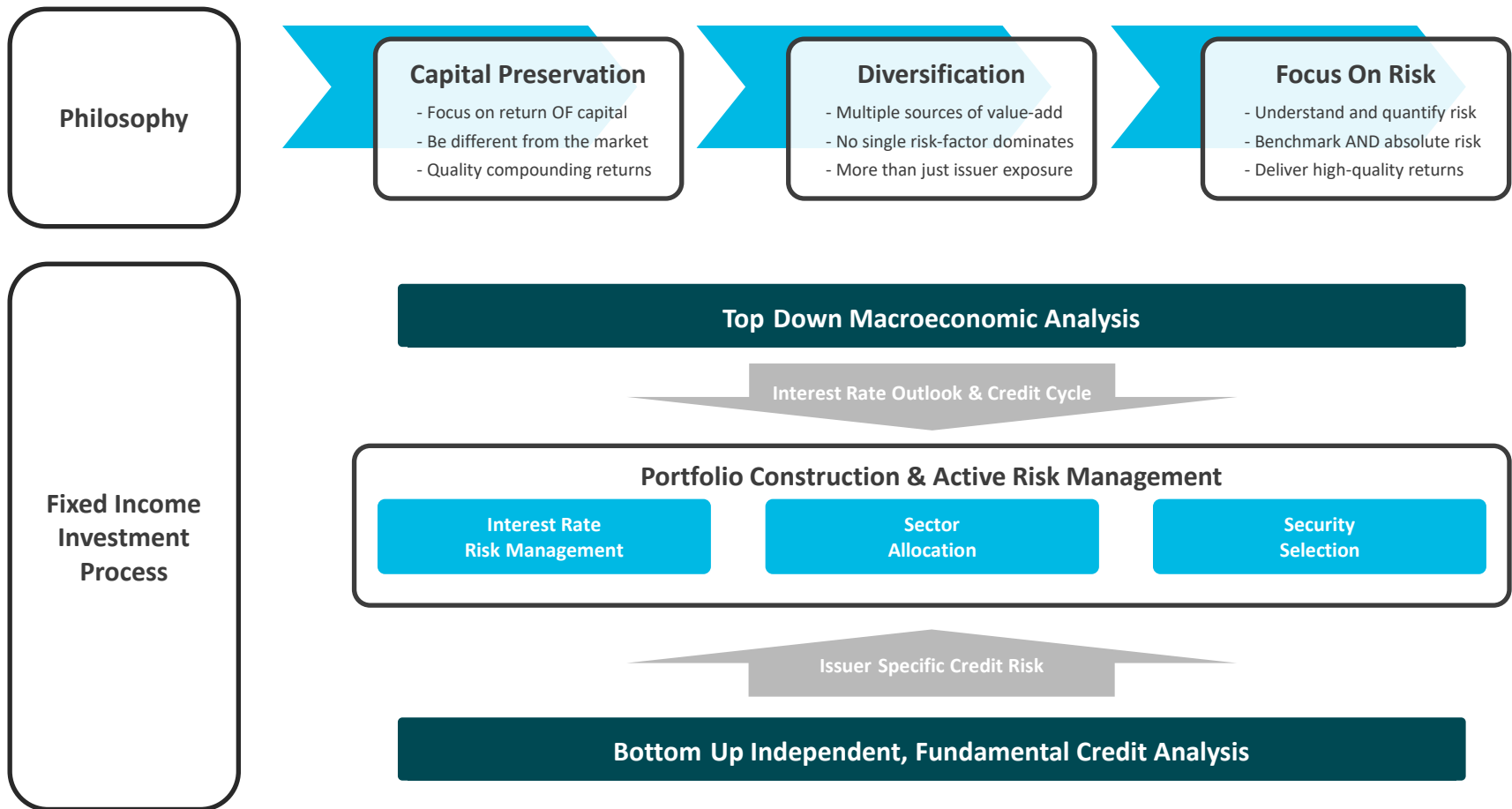
Infrastructure, Real Estate, CMBS
Prior Experience: HSBC, RBC
Years in Industry: 11
Years at Firm: 4



Colin Boese, CFA

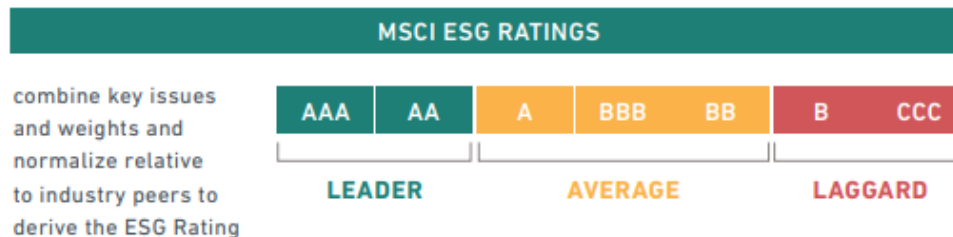
Crossover & Non-IG Credit
Prior Experience: CC&L, Marret
Years in Industry: 9
Years at Firm: 7

Investment Philosophy & Process



Responsible Investing at Leith Wheeler

- ESG factors – particularly governance – have always been at the core of our investment culture
- Formalized process for assessing corporate bond issuers for ESG factors, augmented using third-party assessment

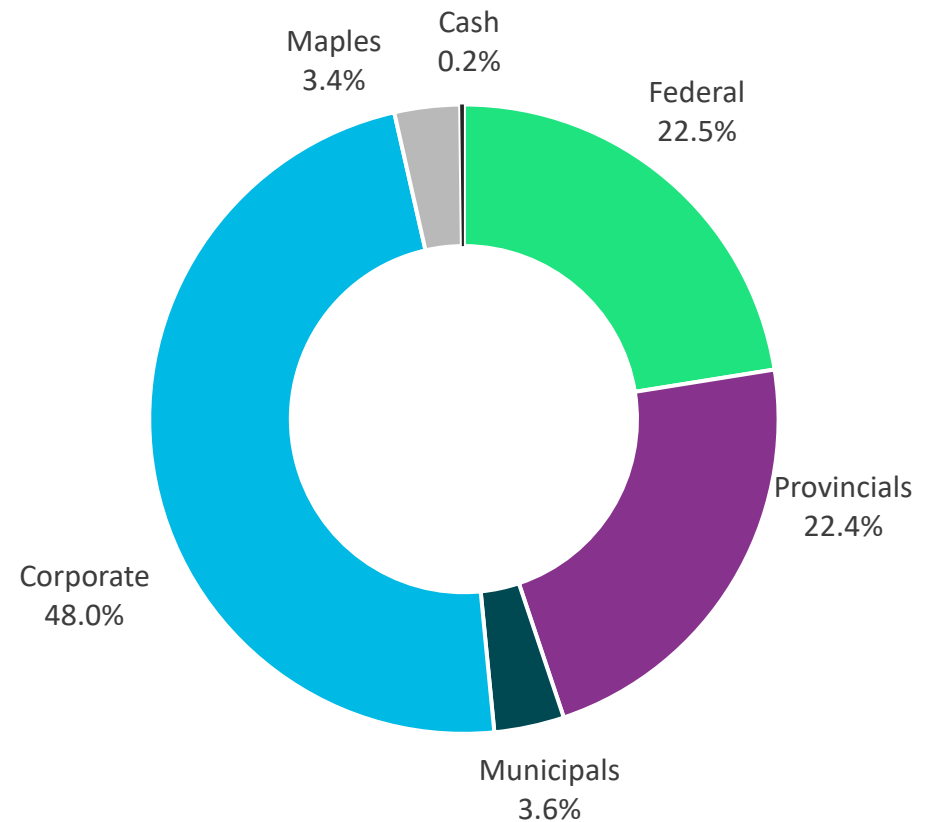


- History supporting key organizations that promote responsible investing, advocate for sound policy and provide education to stakeholders



Portfolio Overview

Portfolio Characteristics As of March 31, 2023	Active Portfolio	Benchmark	Difference
Yield	4.40%	3.95%	+0.45%
Duration (Years)	7.10	7.31	-0.21



Portfolio Overview

Assets Under Management (C\$ millions) As of March 31, 2023	Active	Inactive
Opening Balance (May 31, 2022)	1,151.7	48.2
Net Deposits & Withdrawals	+31.4	-31.3
Investment Returns	29.7	0.7
Closing Balance	1,212.8	17.6

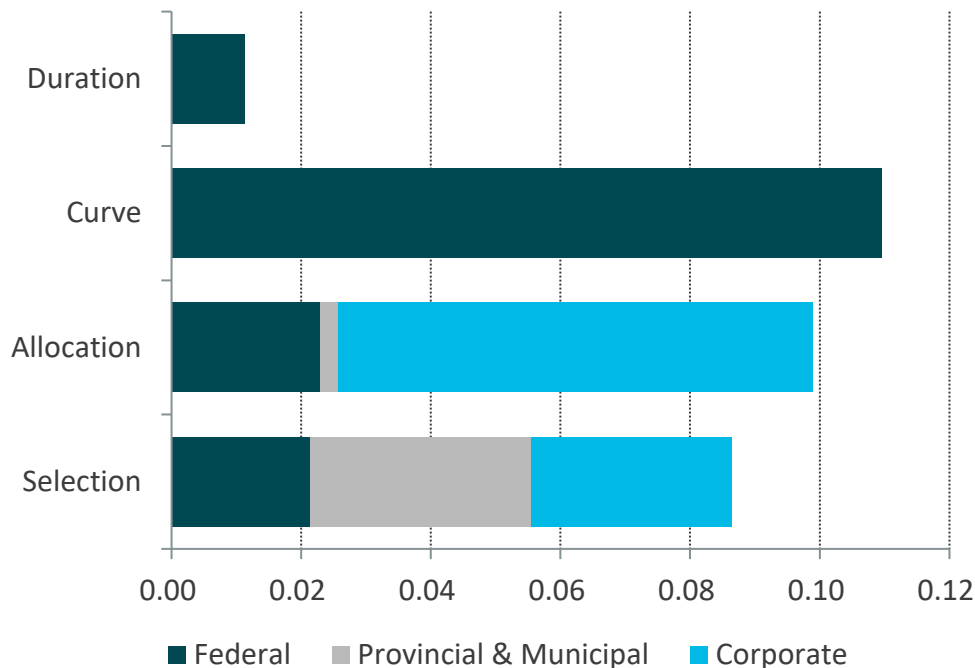
Performance

Annualized Performance As of March 31, 2023	Year to Date	1 Year	Since Inception ⁽¹⁾
Active Portfolio	3.46%	-1.17%	-0.32%
Benchmark	3.22%	-2.01%	-0.84%
<i>Value Added</i>	+0.24%	+0.84%	+0.52%
Inactive Portfolio	4.68%	1.05%	0.91%

(1) Inception dates for the portfolios were June 29, 2019. There was a portfolio transition period from April 29, 2019 to June 29, 2019 which is not included in the above performance.

Attribution

Toronto Investment Board – Active Portfolio 3 Months Ending March 31, 2023



Source: Bloomberg PORT, Leith Wheeler Investment Counsel, FTSE Russell

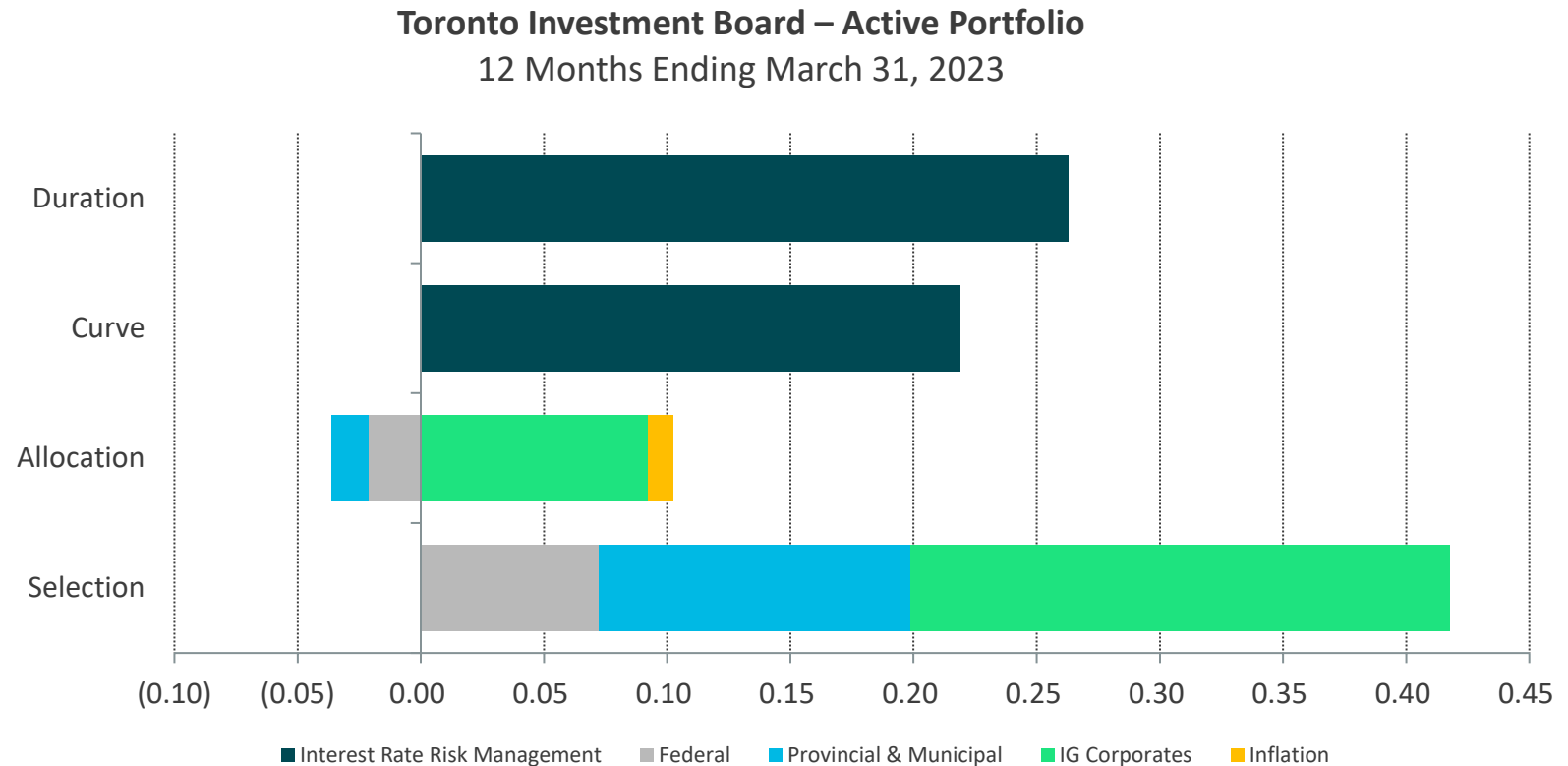
What Worked?

- ✓ Tactical duration trading intra-quarter, specifically adding to duration underweight following rally in rates in late Jan 2023
- ✓ Curve steepener positions, particularly in long-end of yield curve
- ✓ Overweight corporate credit in market value, which added to the portfolio's yield advantage to the benchmark

What Didn't Work?

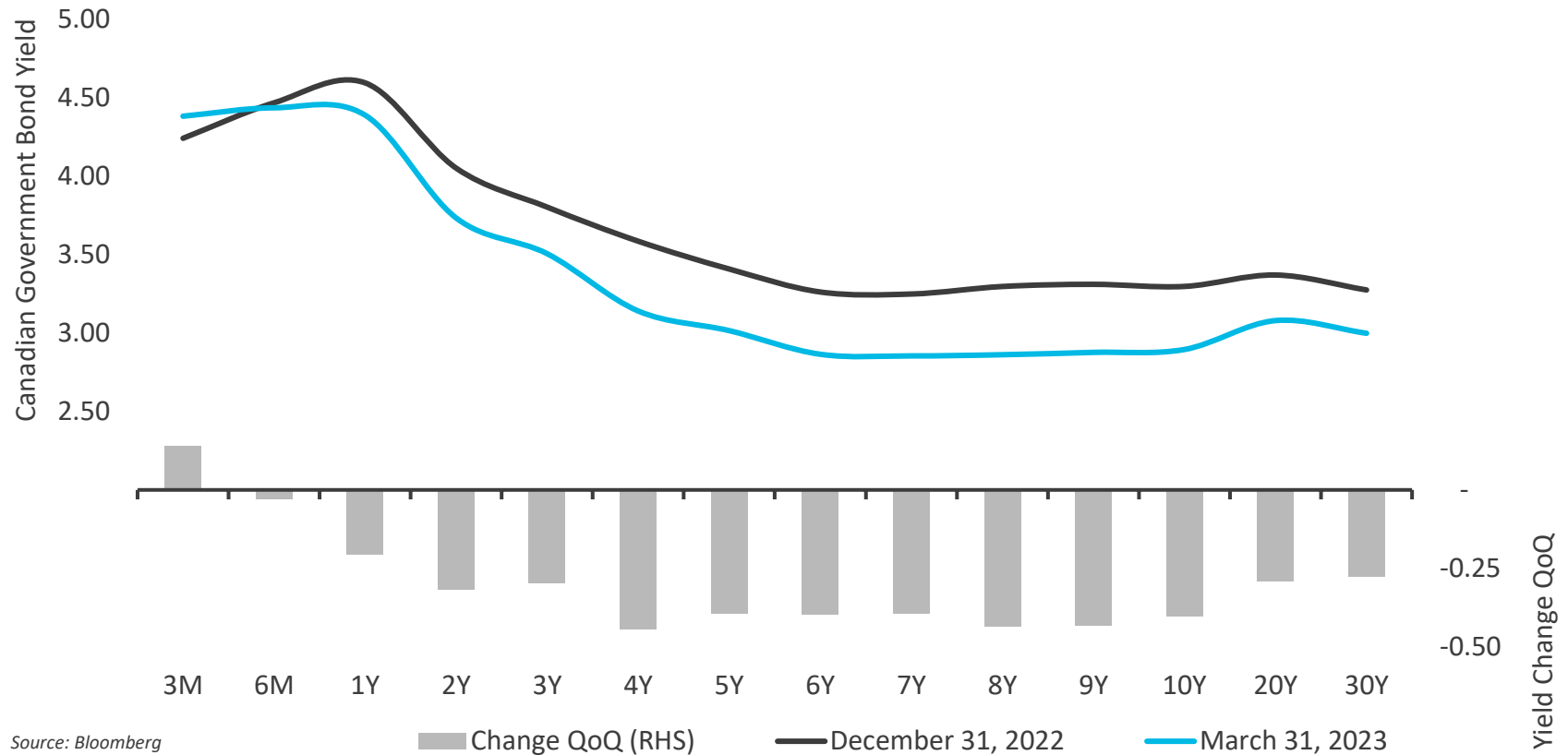
- ✗ Overweight financials including banks which underperformed other corporate sectors due to US regional bank crisis

12 Months Ending Attribution



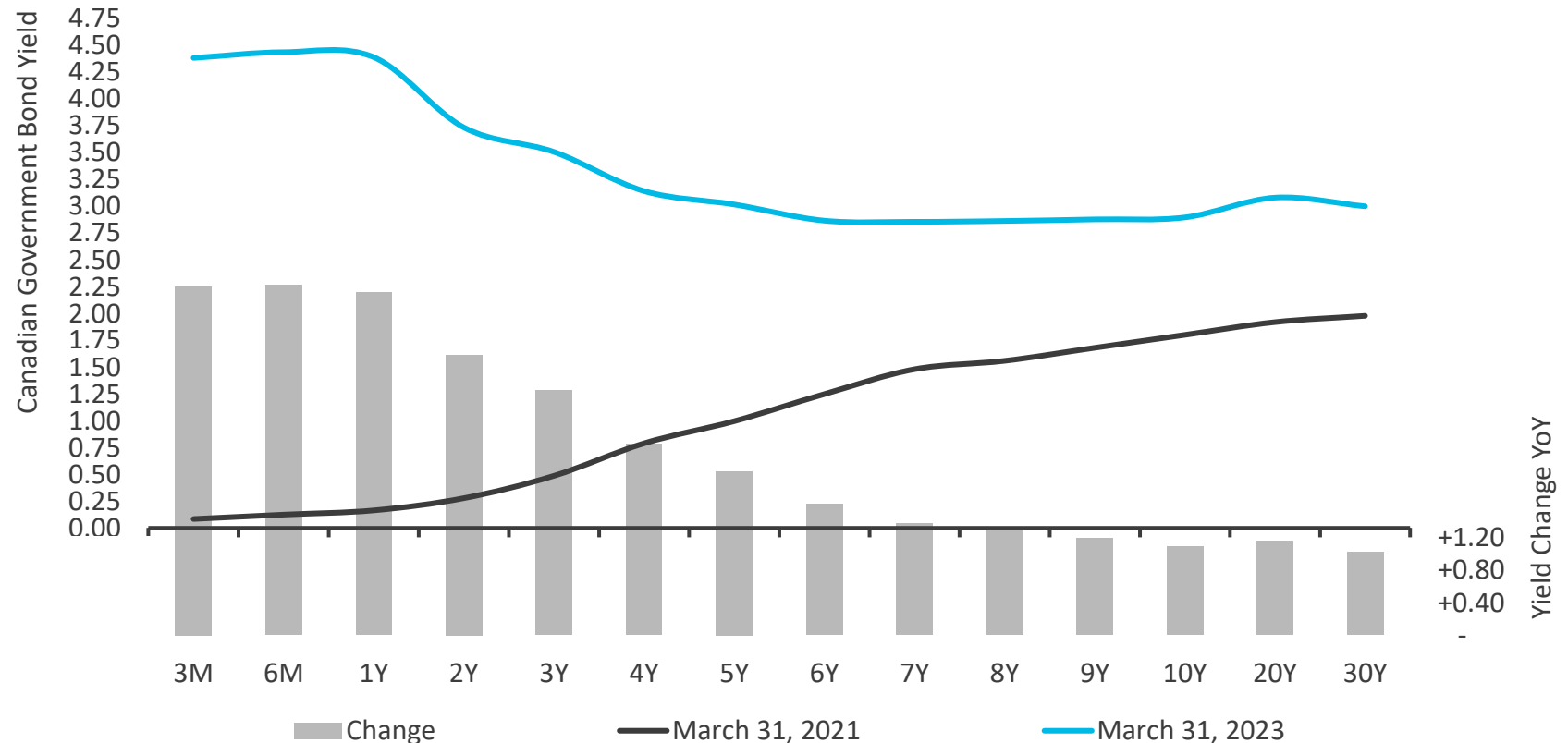
Source: Bloomberg PORT, Leith Wheeler Investment Counsel, FTSE Russell

Interest Rates Q1 2023

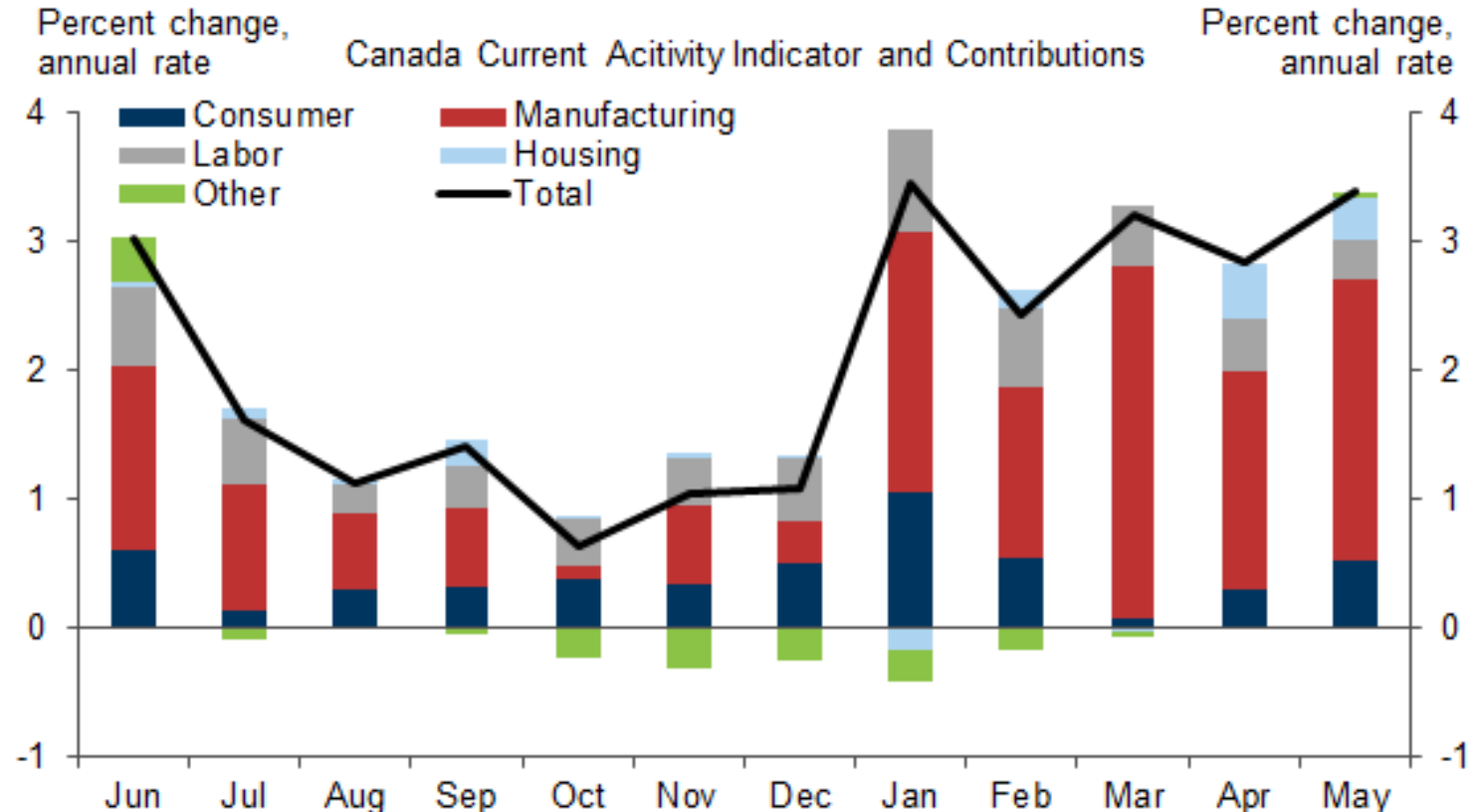


Yields declined sharply across the curve in response to the tightening in financial conditions caused by the US regional banking crisis.

Interest Rates Changes

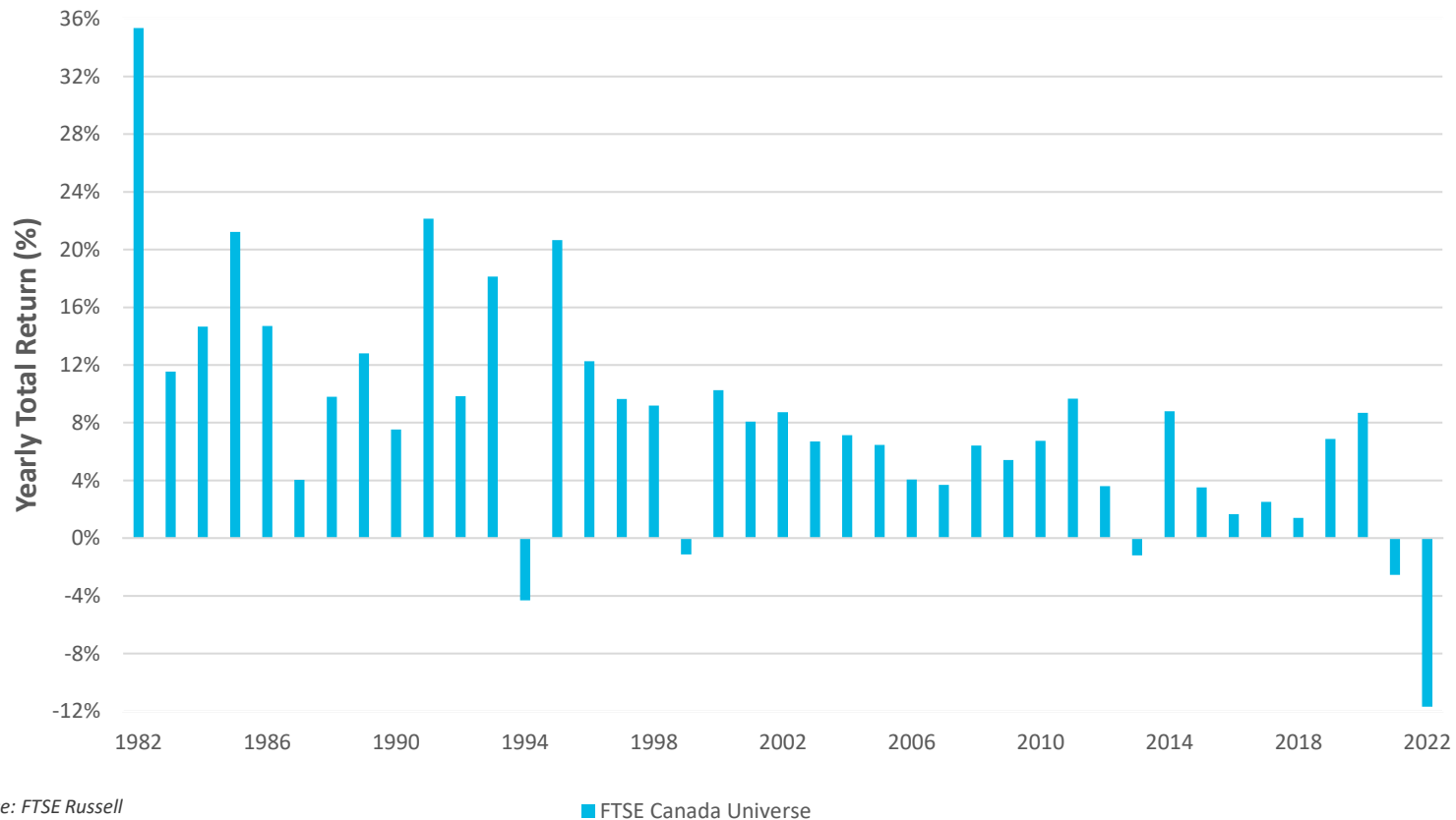


Economic Activity in Canada

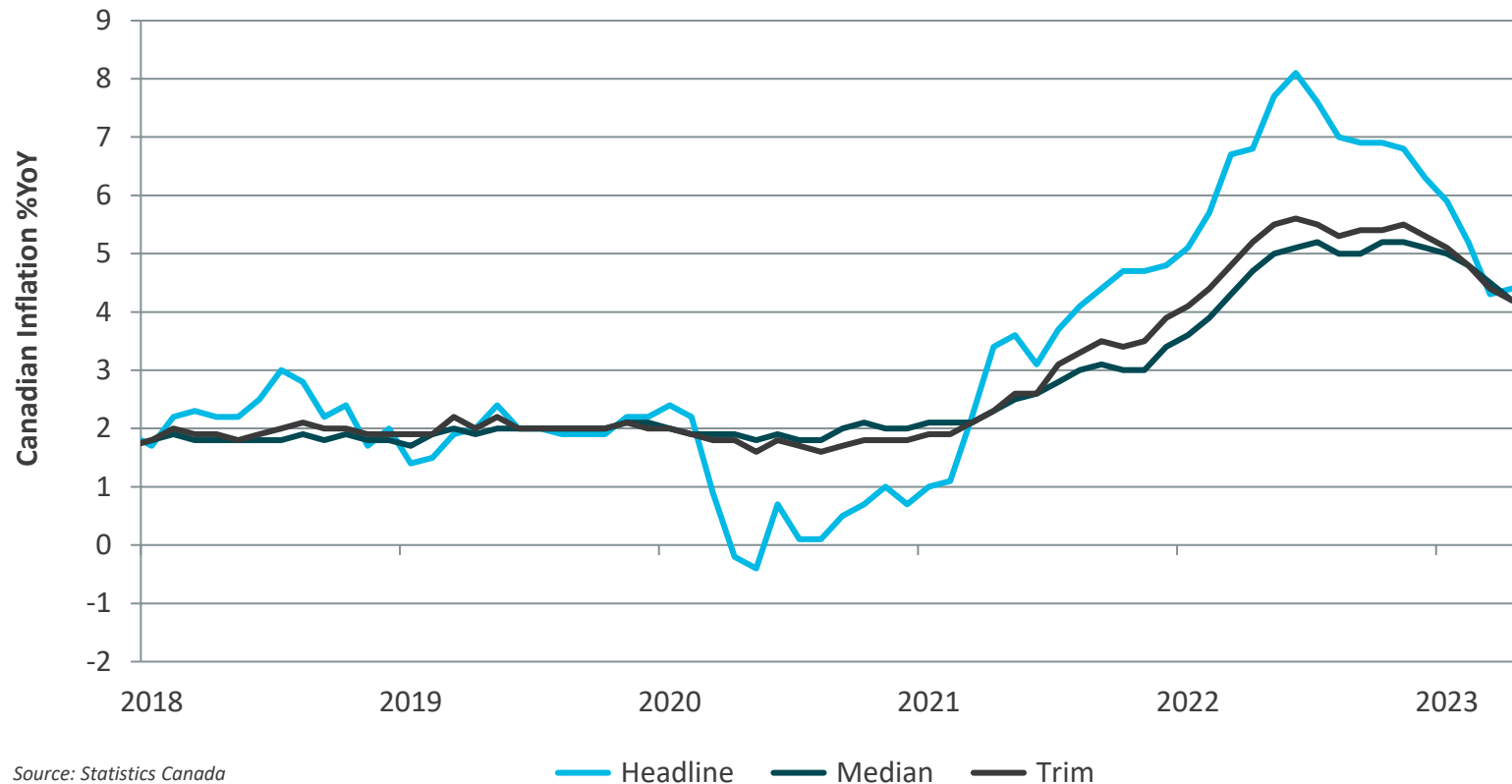


Source: Goldman Sachs Global Investment Research

Universe Bond Returns

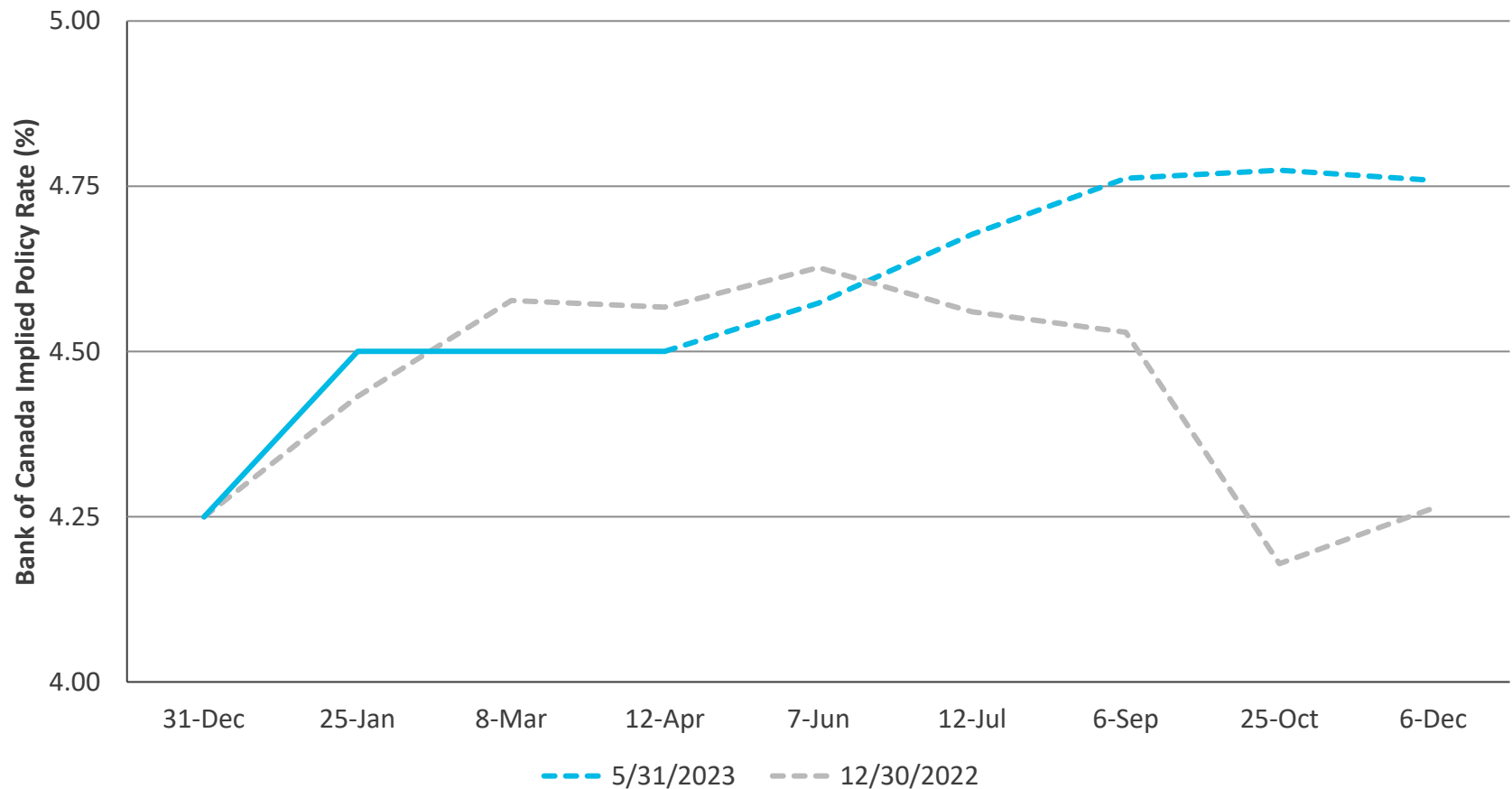


Inflation

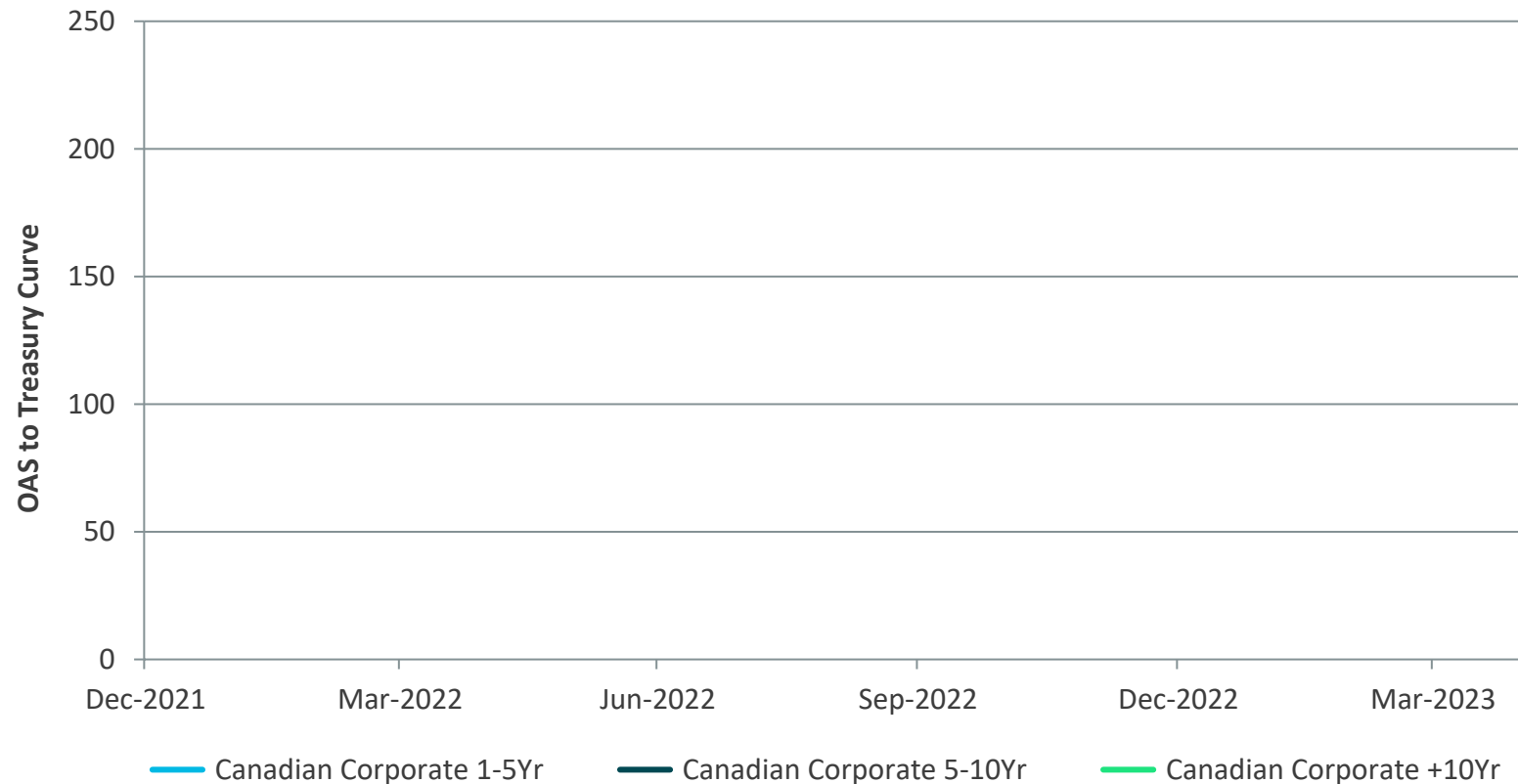


While headline inflation continues to fall, helped lower by softer commodity markets, core inflation measures in Canada remain elevated.

Bank of Canada Implied Policy Rate



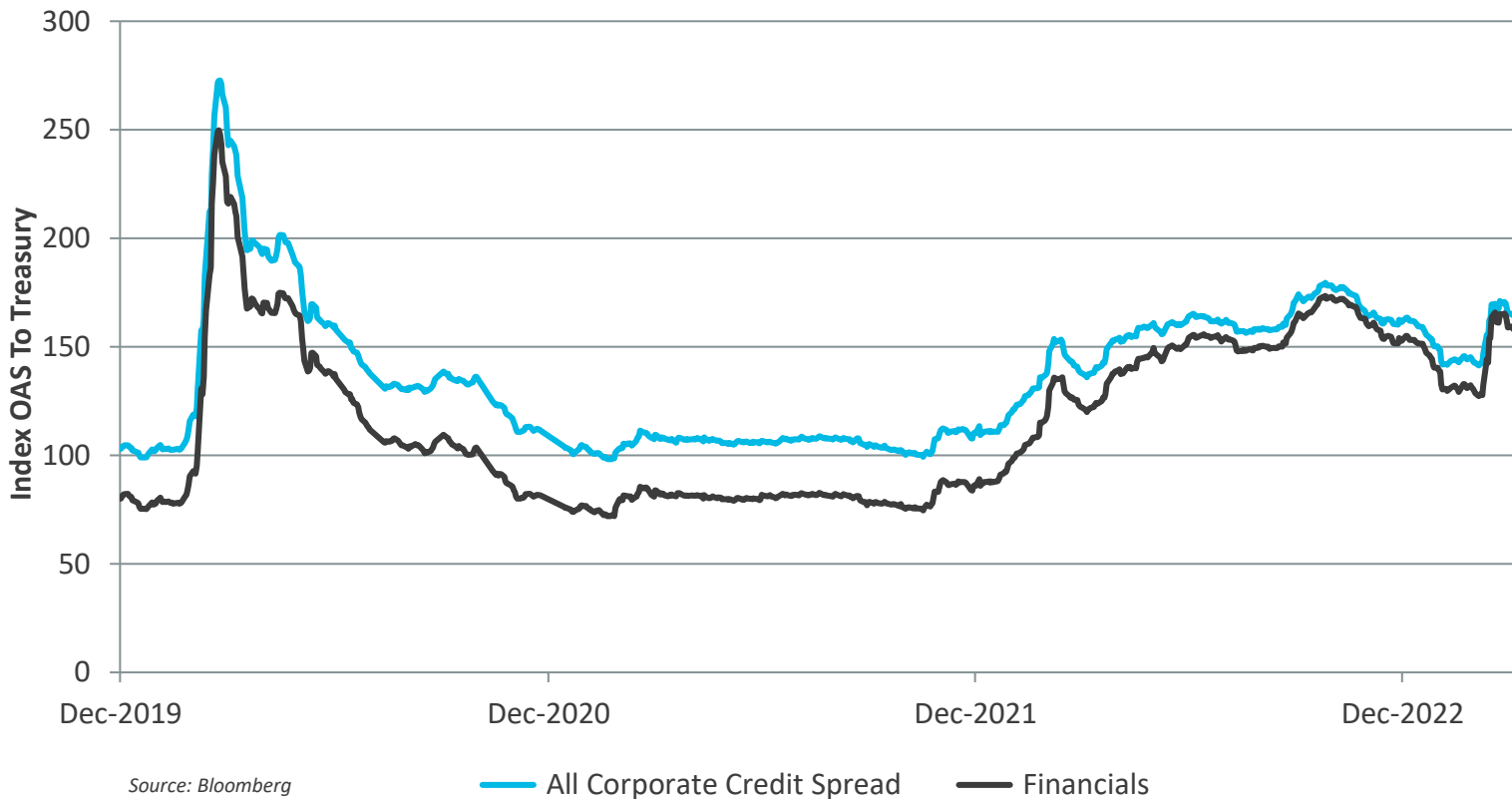
Corporate Credit Spreads



Source: Bloomberg

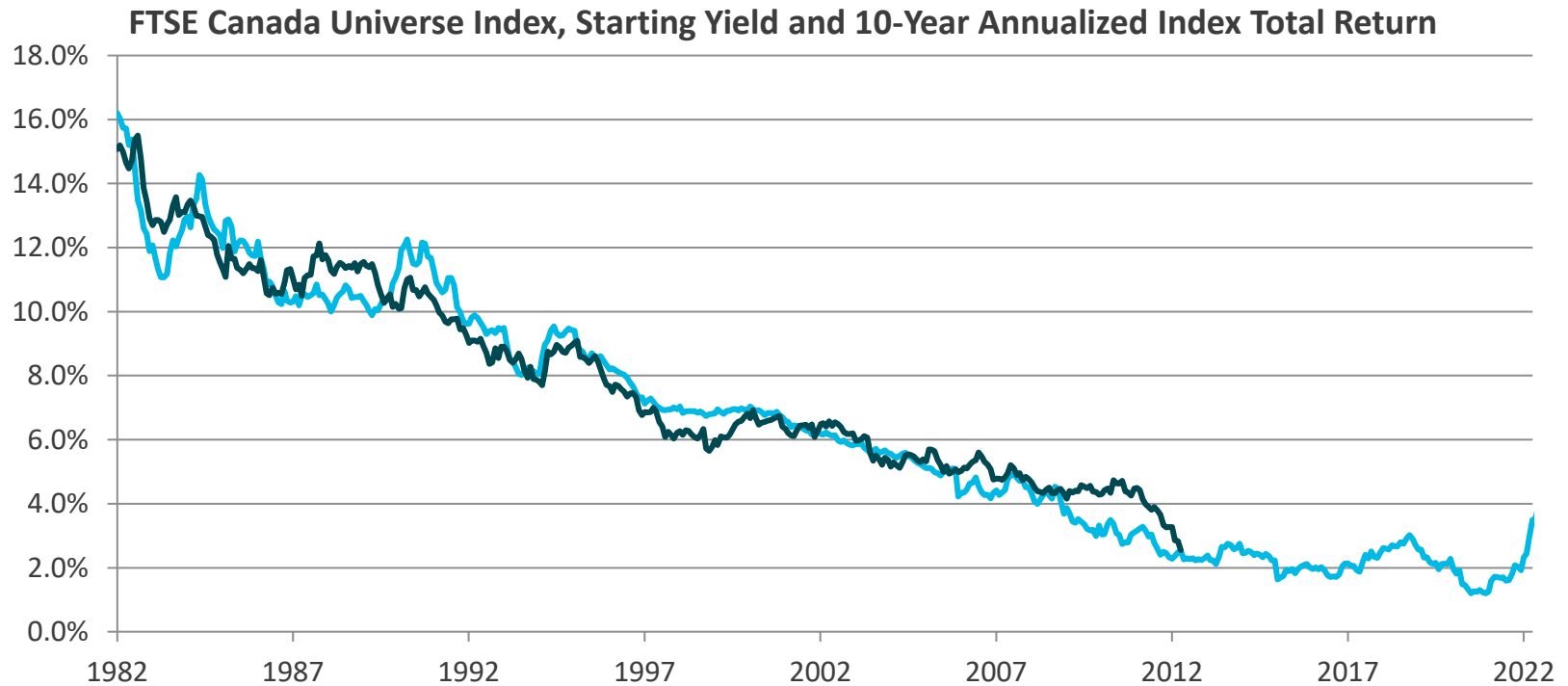
Despite widening as a result of market volatility in March 2023, credit spreads ended the quarter only slightly wider than levels at the end of 2022.

Credit Spreads – Canadian Financials



***Canadian financials underperformed but by a relatively modest amount to broad credit markets.
Financials are now near their 10-year wides ex-COVID.***

Expected Forward Returns From Bonds



Source: FTSE Russell, Bloomberg, PC Bond

— Starting Index Yield (%)

— Annualized Index Total Return Over Subsequent 10 Years (%)

For bond investors, the starting yield of a portfolio is the most important determinant for long-term expected portfolio returns.

Market Outlook

- Inflation has peaked in the current cycle. Policy rates in Canada are now sufficiently restrictive to bring inflation back to target with the passage of time
- Banking concerns in late Q1 have further tightened financial conditions, however we do not expect this liquidity-based event to turn into a broader credit event for Canadian markets
- Expectations for rate cuts in H2 2023 are likely premature. Inflation is not yet on a sustainable declining path consistent with returning to their 2% inflation targets. Fiscal policy is also working counter to the BoC efforts to cool the economy
- Weak productivity gains, geopolitical disruptions, deglobalization and labour demographics should all work to keep inflation higher than the past decade
- Economic activity has remained surprisingly firm and supportive of a strong labour market. However, we expect tighter financial conditions to ultimately trigger a mild recession over the next 6-12 months

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