

Fixed Income Insights

MONTHLY REPORT - February 2024 | CANADA EDITION

FOR PROFESSIONAL INVESTORS ONLY

Canadian longs fall as market reassess easing cycle, but credit outperforms again

Central bank caution and an inflation uptick duly drove a long end sell-off in January, as markets re-assessed how quickly rates will fall. The BoC made clear policy easing is unlikely before inflation reaches the 2% target, driving Canadian governments and Provis lower. Over 3M, long Canadian credits have gained 12-14%.

Macro and policy backdrop – Scope for easing but realisation the case for rapid moves is unclear? Estimates of R* suggest scope for sizeable Canadian rate cuts in 2024-25, but slower than markets expect. (page 2)

Canadian govts and credit – Long Canadian bonds declined, as yields backed up after BoC caution Long Canadian bond yields backed up sharply in January, reversing much of December's decline, after the BoC cautioned no pivot is likely before inflation reaches the BoC's 2% target. (pages 3-4)

Global yields and spreads – Modest bear steepening but global inflation breakevens fall back to 2021 lows Global inflation breakevens have fallen sharply since the war in Ukraine in 2022 (pages 5-6)

Sovereign and climate bonds – Long Green Sovereign duration catches investors out during the 2022-23 sell-off The underperformance of Green Sov. bonds since 2022 was led by their extra duration and heavy issuance. (page 7)

Performance – High yield credits benefit from equity market rally in January

High yield credits outperformed investment grade equivalents in January, extending the strong performance of the last 12 months. (pages 8-10)

Appendix (from page 11)

Canadian & Global bond market returns, historical bond yields, durations and market values and foreign exchange returns.

Chart 1: What a change a few weeks made! Yields increased across the G7 in January, led by nominal yields, so breakevens edged higher, reversing some of Q4 moves. Canada and the UK led the moves.

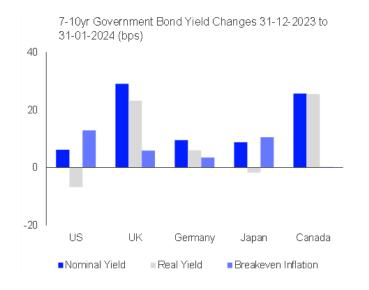
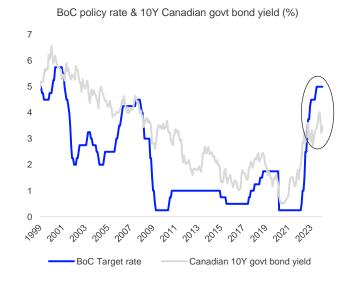


Chart 2: Mind the gap. Investors have been frontrunning a policy pivot in 2023, despite the Bank of Canada cautioning that rates need to stay 'higher for longer', while inflation remains above 2%.



Source: FTSE Russell and LSEG. Latest data available as of January 31, 2024. Past performance is no guarantee of future results. This report should not be considered 'research' for the purposes of MIFID II. Please see the end for important legal disclosures. Bond market data is derived from FTSE Fixed Income Indices. See Appendix for list of indices used for each market.

Macroeconomic Backdrop – Growth and Inflation Expectations

Central bank messaging on pivoting to ease policy remained cautious in January, after inflation ticked up, underpinned by wage growth and labour markets near full employment, so G7 central banks extended policy pauses. Estimates of neutral rates suggest sizeable scope for rate cuts in Canada, but this may be drawn out over 2-3 years, like 2000-03.

Unlike the US, Canada's economic growth has flatlined and is expected to remain close to zero in 2024, based on Consensus forecasts (Chart 1). Robust Canadian wages, up by 4-5%, continue to underpin the soft landing narrative. Elsewhere, the US economy rebounded in Q4, but is likely to weaken during 2024 to 1.1% y/y in 2024 (from 2.4% y/y in 2023), while the Eurozone is in the midst of a mild recession.

Chart 2 shows G7 inflation ticking up modestly in December, as energy prices reflected less favourable base effects. Canada's CPI rose to 3.4% y/y (from 3.1% y/y in Nov.), due to higher shelter costs, but core inflation fell to 2.6% y/y (from 2.8% y/y).

Central banks paused policy again in January (Chart 3), amid significant debates on the timing for the first rate cuts. Investors have continued to front run policy decisions, with gaps between 10-year bond yields and central bank policy rates appearing in most major markets (see Canada Chart 2 on cover), and despite central banks' caution of needing to reach their 2% inflation target first.

The US Fed estimates a neutral real rate of about 1.5% for Canada as shown in Chart 4, similar to the BoC's own estimates. Adding the 2% inflation target would result in a nominal rate of 3.5%, therefore implying interest rate cuts of about 150bp from current levels, though sticky inflation suggests this easing could be drawn out over 2-3 yrs, like the 2000-03 cycle.

Chart 1: Consensus has revised down 2024 growth forecasts for Canada and the Eurozone in January (from Dec.), which ,with the UK, are expected to be flat, unlike the US and Japan.

Latest Consens	sus Real GDP Fo	recasts (%, Janu	ary 2024)
	2022	2023	2024
US	2.1	2.4	1.4
UK	4.1	0.4	0.4
Euro Area	3.5	0.5	0.5
Japan	1.6	0.8	1.1
China	2.8	5.2	4.6
Canada	3.5	1.1	0.5

Chart 3: G7 central banks paused for the fourth time in January, maintaining rates 'higher for longer' as inflation modestly ticked up in Dec., heightening the debate on the timing of the first rate cuts.

6.5 5.5 4.5 3.5 2.5 1.5 0.5 -0.5 Jan-19 .lan-20 Jan-21 Jan-22 .lan-23 .lan-24 Fed BoE - Euro Area BoJ BoC

Chart 2: Inflation rose modestly in December in most G7 countries, except in Japan. Higher energy prices and Canadian shelter costs drove up headline CPI, while core inflation fell on weaker growth.

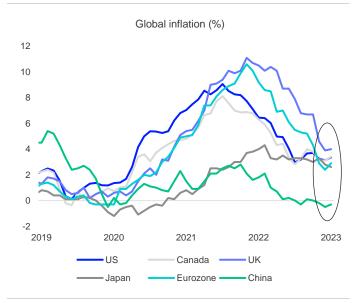
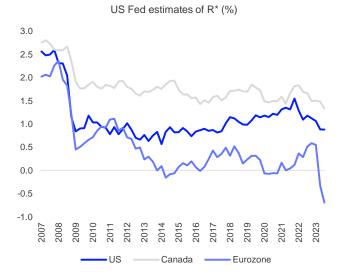


Chart 4: The Fed's neutral rate estimates imply rate cuts of about 150bp in Canada from current levels, which would bring interest rate levels of around 3.5%, once easing has been completed.



Source: FTSE Russell and Refinitiv. Latest data available as of January 31, 2024. Past performance is no guarantee of future results. Please see the end for important legal disclosures. Bond market data is derived from FTSE Fixed Income Indices. See Appendix Glossary for list of indices used for each market. For professional investors only.

Central Bank Policy Rates

Canadian Governments, Provinces and Municipalities

Chart 1: The Canadian curve remained deeply inverted, and a long way from being positive, despite some dis-inversion in January, notably in long yields, following the BoC's caution.

Canada govt yields: mediums and longs vs shorts

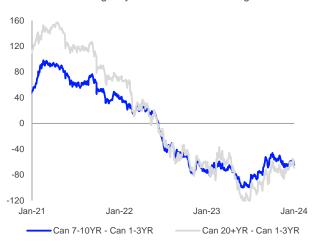


Chart 3: This chart shows the sharp back up in long Canadian govt bond yields in January, as investors re-assessed the prospects for BoC easing and Canadian inflation rebounded.

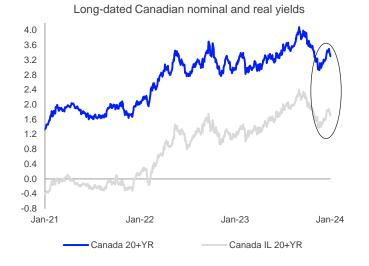


Chart 5: 7-10 year Provincial spreads have merged and are currently at similar levels to those before Covid in 2020, after narrowing by about 10-15bp in 2023.

Selected 7-10 year Provincial spreads

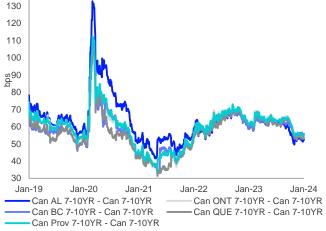


Chart 2: Canadian 7-10yr government spreads have remained negative vs US and UK equivalents. They widened versus Bunds in 2024, when Bunds outperformed other G7 markets.

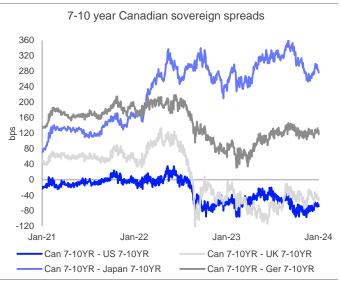


Chart 4: Long Canadian breakevens have declined steadily since 2022, and fallen relative to long US, UK and Eurozone breakevens. This will be of some re-assurance to the BoC.

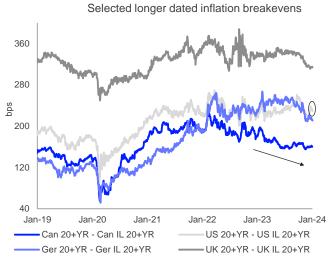
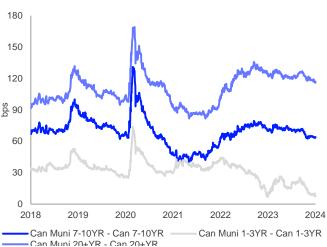


Chart 6: Canadian Municipals spreads have continued to decline in January, especially in shorts, after Canadian govt bond yields backed up sharply in January.



Duration matched Municipal spreads

Canadian Corporate Bonds

Chart 1: Canadian IG yields are still significantly higher than their yields prior to Covid, despite falling sharply in December and being modestly lower than US IG yields.

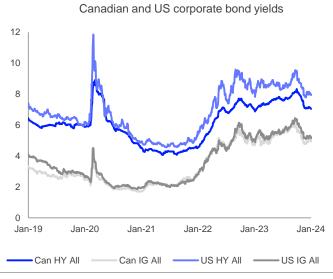


Chart 3: Both Canadian and US HY credit spreads have narrowed by a long way since Covid peaks. But they are still notably higher than their lows in 2021-22.

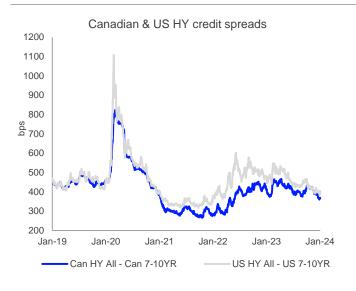


Chart 5: Spreads have narrowed broadly in line in the last month, across the IG credit spectrum, mainly reflecting higher Canadian govt bond yields in January, while corporate yields were stable.

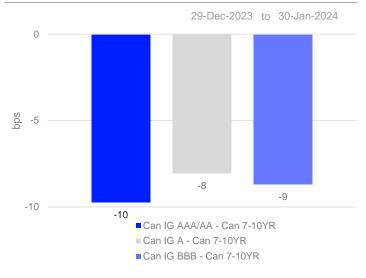


Chart 2: Within industries, Canadian industrials and infrastructure corporate spreads have now converged at around 140bp. Real estate corporate spreads have fallen in anticipation of BoC easing.

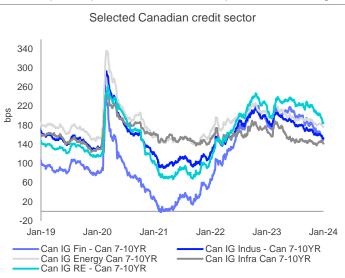


Chart 4: The rally in Canadian investment grade corporates in 2023 has not been as strong as that of their HY peers (Chart 3), with IG spreads remaining above pre-Covid levels, despite recent falls.

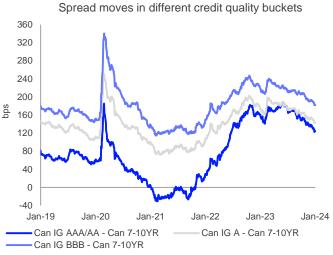
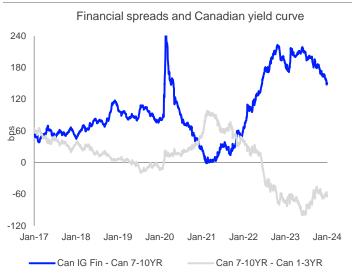


Chart 6: Canadian IG financial spreads continue to show a strong negative correlation to the yield curve, widening as the curve flattens, and tightening as the curve steepens.



Global Yields, Curves and Spread Analysis

Chart 1: Yields backed up across the board in January, with JGB yields moving the least, thanks to BoJ curve control. The markets that had rallied the most in Q4 suffered some of the biggest losses.

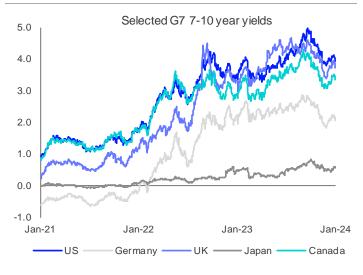
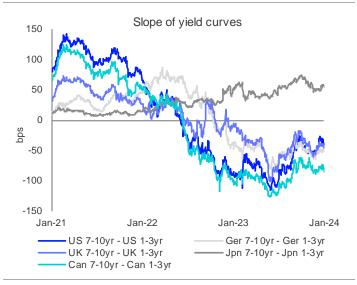
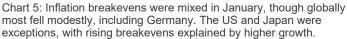


Chart 3: Yield curves bear steepened in January, as 7-10 year yields rose more than shorter dates, though the moves were modest, and curves remain deeply inverted, apart from JGB curve control.





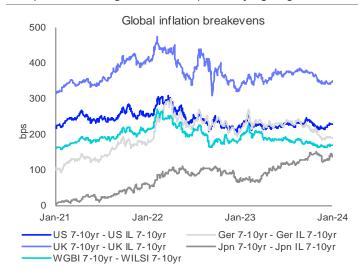


Chart 2: 7-10 year real yields also increased in January, though US Tips moved less. UK index linked bonds gave up more ground after the strong Q4 rally. BoE caution on rates weighed on UK gilts.

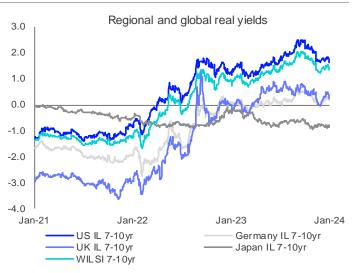


Chart 4: Long end yields moved higher by more than shorts, taking yield curves back to positive gradients in the UK and US in January. JGBs also steepened, with further speculation about YCC ending.

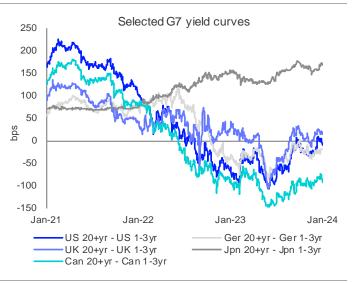


Chart 6: Global inflation breakevens have fallen sharply since the war in Ukraine in 2022, which is consistent with curve flattening. Breakevens suggest no major change in inflation regimes.



Yield Spread and Credit Spread Analysis

Chart 1: US spreads widened versus Japan in January, but were stable elsewhere, with yields in most markets increasing, as central banks proved cautious about the possibility of near term rate cuts.

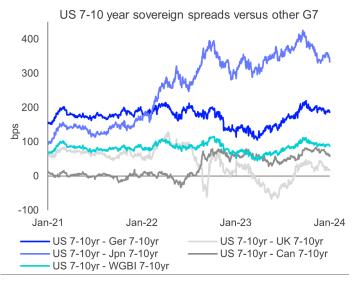
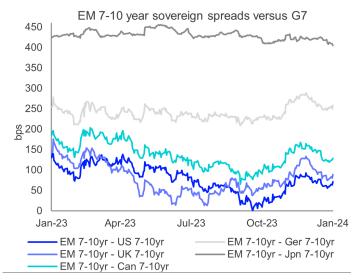
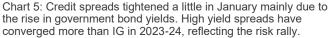


Chart 3: EM spreads tightened vs the G7 in January, helped by the fall in Chinese yields and the high Chinese weighting in the EMGBI. Spreads have steadily tightened in EM since Covid.





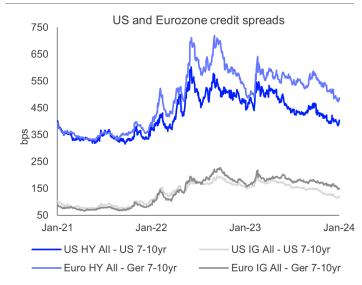


Chart 2: Italian spreads held up well during the market sell-offs in January, widening only modestly against Japan, where yield curve control continues.

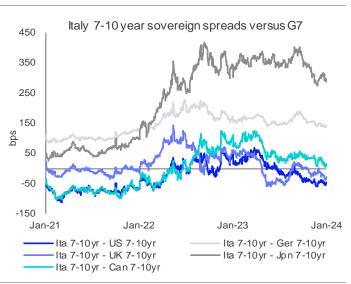


Chart 4: China's yield correlation with G7 yields has remained low since the Covid crisis in 2020. Chinese yields fell steadily since then versus the rising G7 trend. Only JGB yields have remained stable.

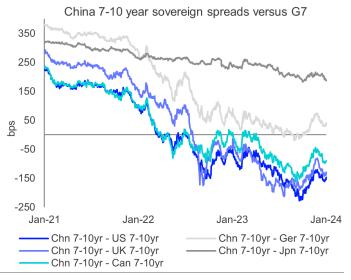
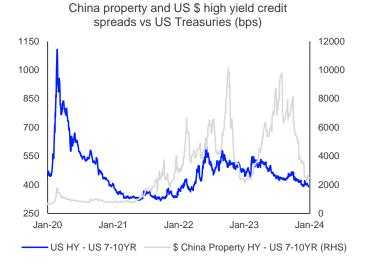


Chart 6: Chinese \$ HY rallied and spreads eased to 2400bps in January, as Treasury yields rose. But the number of issues within Chinese HY property fell to \leq 20, from a peak of 140+ in 2020.



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Sovereign and Climate Bonds Analysis

Chart 1: The underperformance of Green sov. bonds was led by their extra duration and heavy issuance (Chart 5). However, Green sov. bonds outperformed in the Q4 rally, due to extra duration.



Chart 3: : Relative returns in Green IG Corporates have been closer to other IG Corporates since 2022. Spread narrowing during Q4's rally helped Green Corporates outperform.

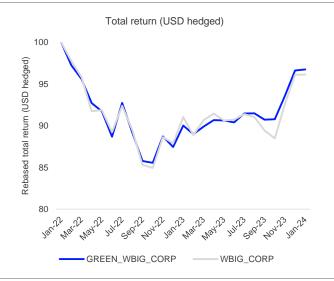


Chart 5: European sovereigns tend to dominate Green sovereign Issuance, as they seek to fill out a Green yield curve. The issues tend to be large, like the recent $\pounds10bn$ Green Gilt 2053 re-opening.

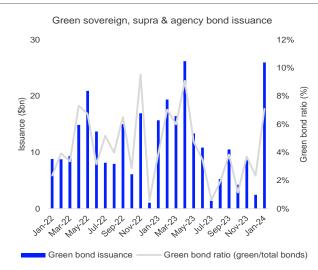


Chart 2. The long duration of Green Sovereign bonds caught many investors out during the bond market sell-off in 2022-23. Duration fell more in Green Sovereigns vs straight sovereigns, as prices fell.

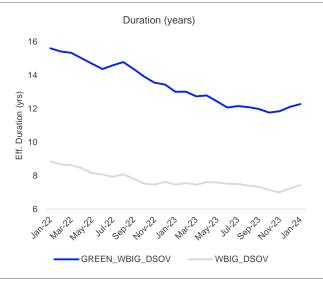


Chart 4: Unlike Sovereigns, Green IG corporates have shorter duration than other IG corporates, though the duration differential is more modest than in Sovereigns.

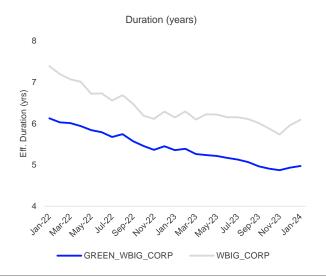
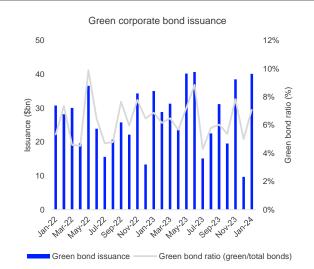
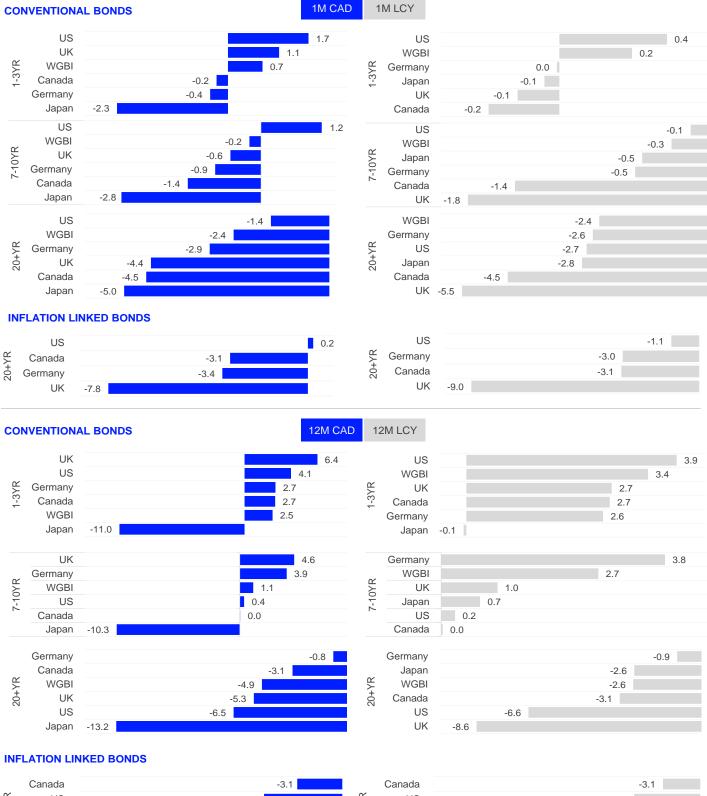


Chart 6: The ratio of green bond issuance to total issuance has rebounded to 7%, after falling to 4% in July 2023. January 2024's Green issuance of about \$40bn was close to a monthly record.



Global bond yields backed up in January, reversing some of the sharp falls from the previous month, which followed overly zealous speculation on the extent and timing of central banks' interest rate cuts. Long conventional and inflation linked govt bonds suffered the most, notably in Canada. Over 12M, long UK index-linked gilts lost 19% in Canadian dollars.

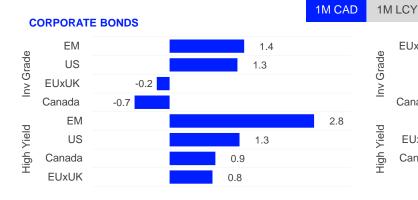
Canadian government bond performance was negative across the curve, down 1-8% in January, after the BoC did not exclude further tightening, and inflation remained well above 2%. Over 12M, short Canadian government bond returns were up 2.5%.

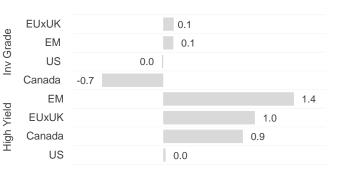


	Canada		-3.1		Canada			-3.1
-YR	US		-5.3	ΥR	US		-5.5	
20+	Germany		-5.4	20+	Germany		-5.5	
	UK	-16.3			UK	-19.1		

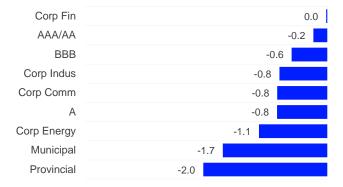
High yield (HY) credits mostly outperformed investment grade (IG) in January, extending the strong performance of the last 12 months. Returns for Munis and Provis were negative in January, and flat over the last 12 months.

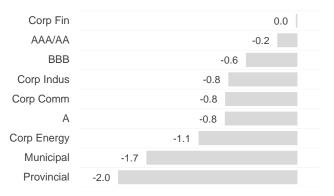
Within corporates, HY credits gained up to 3% in Canadian dollars in January, benefiting from the equity market rally, while IG gains were more modest and Canadian IG credit fell 2%. Both EM high yield credit and investment grade corporates outperformed, gaining 2-3% in Canadian dollar terms.



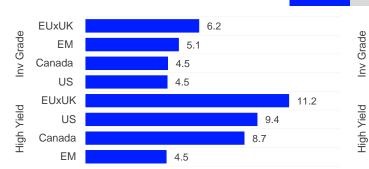


CANADA SPOTLIGHT





CORPORATE BONDS



EUxUK		6.1		
EM	5.0			
Canada	4.5			
US	4.4			
EUxUK				10.6
US			9.3	
Canada			8.7	
EM	4.3			

5.0

4.9

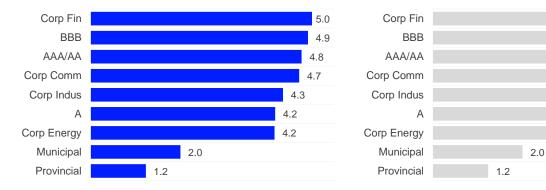
4.8

4.7

4.3 4.2

4.2

CANADA SPOTLIGHT



Indices used: FTSE Canada Corporate Bond Index (AAA/AA, A, BBB, Financial, Communication, Industrial, Energy, Overall), FTSE Canada High Yield Bond Index, FTSE Canada Provincial Bond Source: FTSE Russell. All data as of January 31, 2024. Past performance is no guarantee of future results. Please see the end for important legal disclosures. Bond market data is derived from FTSE Fixed Income Indices. See Appendix Glossary for list of indices used for each market. For professional investors only.

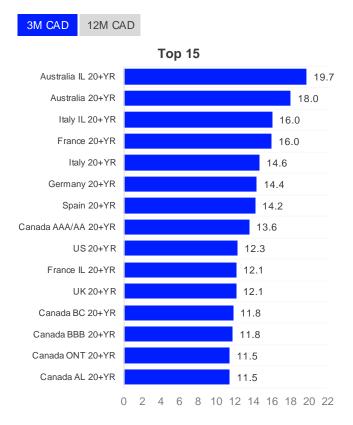
12M CAD

12M LCY

Despite the back-up in bond yields in January, long govt bonds registered double digit returns on 3M in Canadian dollars, highlighting the extent of the rally in November and December. In Canada, long corporates and Provinces held up well, making similar gains to long sovereign govt bonds. Long UK IL gilt returns remained strongly negative over 12M.

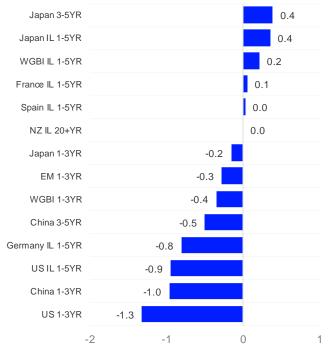
Despite their underperformance in January, long Canadian government and corporates bonds were both up 12-14% on 3M. Long Australian, Eurozone, US and UK govt bonds recorded gains of up to 20% in Canadian dollars. Defensive plays such as short US Treasuries and Chinese government bonds were modestly negative over the period.

High yield credits and EM inflation linked bonds have outperformed over the last 12M, including Canadian HY credits, which gained nearly 9%. Yen weakness during the period hurt JGBs' returns, while long UK index linked bonds lost 16% in Canadian dollars.



		То	p 15				
EM IL 20+YR							17.4
Euro HY ALL					11.2		
EM IL 5-10YR					10.7		
US HY ALL				9.4	ļ		
UK IL 1-5YR				9.3			
Canada HY ALL				8.7			
Italy 7-10YR				8.4			
EM IL 1-5YR	8.1						
China 20+YR			8	.0			
UK IL 5-10YR			7.	8			
Italy IL 5-10YR			7.3	3			
Italy 20+YR			6.5				
UK 1-3YR			6.4				
EM 20+YR			6.3				
Euro IG ALL			6.2				
	0	5		10		15	20

Bottom 15



BOttom 15	Bottom	15
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Japan IL 5-10YR					-5.1	1	
UK 20+Y R					-5.3		
USIL 20+YR					-5.3		
Germany IL 20+YR					-5.4		
Australia 7-10YR					-5.5		
US 20+YR					-6.5		
Japan IL 1-5YR				-8.4			
Australia IL 20+YR				-8.6			
WGBI IL 20+YR			-9.9	9			
Australia 20+YR			-10.1				
Japan 7-10YR			-10.3				
Japan 3-5YR		-	10.9				
Japan 1-3YR		-	11.0				
Japan 20+YR		-13.2					
UK IL 20+YR	-16.3						
-	20	-15		-10		-5	0

Source: FTSE Russell. All data as of January 31, 2024. This analysis is taken from 130+ FTSE Russell sub-indices. Past performance is no guarantee of future results. Please see the end for important legal disclosures. Bond market data is derived from FTSE Fixed Income Indices. See Appendix Glossary for list of indices used for each market. For professional investors only.

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Government and corporate bond returns

Top 15% Bottom 15%

Green highlight indicates highest 15%, red indicates lowest 15%.

Government 1-3YR 2.41 6.641 3.22 1.69 -0.24 -1.54 2.69 7-10YR 6.15 1030 3.26 1.72 1.44 4.273 0.03 Corporate 1-3YR 0.574 1.139 1574 1.73 0.23 4.50 -5.74 4.312 Inflation-Linked 0-9YR 7.23 10.99 1.87 0.36 -3.06 -4.33 -0.08 Corporate 1-3YR 4.05 8.12 4.82 3.27 0.04 -1.28 4.43 -0.30 -1.82 4.44 Corporate 1-3YR 3.95 6.01 4.57 3.02 -0.05 -1.35 4.77 AAA/AA 1-3YR 3.93 7.99 4.74 3.19 0.04 -1.26 4.77 A 1-3YR 3.33 7.99 4.74 3.19 0.04 -1.26 4.77 A 1.07 7.21 1.40 6.34 5.00 -1.26 4.77			3	м	6	м	Ŷ	D	12	M	
7-10YR 6.15 10.30 3.25 1.72 1.144 2.73 0.03 Inflation-Linked 20+YR 11.39 15.74 1.73 0.23 44.50 5.74 3.12 Corporate 1-3YR 4.05 8.12 4.82 3.27 0.04 -1.26 4.95 Corporate 7-10YR 7.69 11.89 5.81 4.24 -0.52 -1.82 4.45 20+YR 11.36 15.71 4.50 2.29 2.26 -3.86 -3.72 AAA/AA 7.10YR 7.08 11.27 5.84 4.27 -0.30 -1.61 4.05 20+YR 11.02 15.36 1.37 4.47 3.19 0.04 -1.28 4.77 A 7.10YR 7.20 7.26 3.36 -0.23 -1.53 3.47 A1 6.34 10.49 4.52 3.69 -0.66 -1.55 3.82 20+YR 11.02 15.36 3.57 2.41			Local	USD	Local	USD	Local	USD	Local	USD	
7-10'R 6.16 10.30 3.25 1.72 -1.44 -2.73 0.03 20+'R 11.39 15.74 1.73 0.23 -4.50 -5.74 -3.12 infiation-Linked 20+'R 7.23 10.99 1.87 0.36 -3.06 -4.33 -3.08 Corporate 7.10'R 7.69 11.89 5.81 4.24 -0.52 -1.82 4.45 20+'R 11.35 15.71 4.50 2.26 -2.36 -3.63 3.72 AAA/AA 1.3'R 3.95 8.01 4.57 3.02 -0.05 -1.35 4.79 20+'R 11.62 6.84 4.27 -0.30 -1.61 4.05 20+'R 11.02 15.86 3.31 -0.23 -1.33 4.77 A 7.10'R 7.21 11.40 5.25 3.69 -0.66 -1.95 3.82 20+'R 11.02 15.86 9.51 3.45 -0.70 1.23 5.26 <td>Government</td> <td>1-3YR</td> <td>2.41</td> <td>6.41</td> <td>3.22</td> <td>1.69</td> <td>-0.24</td> <td>-1.54</td> <td>2.69</td> <td>2.56</td>	Government	1-3YR	2.41	6.41	3.22	1.69	-0.24	-1.54	2.69	2.56	
20+YR 11.30 15.74 1.73 0.23 4.450 -5.74 -3.12 Inflation-Linked 20+YR 7.23 10.99 1.87 0.36 -3.36 -3.33 -3.03 Corporate 1-3YR 4.06 8.12 4.42 3.27 0.04 -1.26 4.95 AAA/AA 1-3YR 3.05 8.01 4.57 0.05 -1.35 4.79 AAA/AA 1-3YR 3.95 8.01 4.57 0.05 -1.35 4.79 AAA/AA 1-3YR 3.93 7.99 4.74 3.19 0.04 -1.26 4.77 A 1-3YR 3.93 7.99 4.74 3.19 0.04 -1.26 4.77 A 1-3YR 3.93 7.99 4.74 3.19 0.04 -1.26 3.28 20+YR 11.27 16.82 3.33 2.04 3.32 4.17 A 6.94 1.94 5.91 3.41 2.94 3.14 <td></td> <td>7-10YR</td> <td>6.15</td> <td>10.30</td> <td>3.25</td> <td>1.72</td> <td>-1.44</td> <td>-2.73</td> <td>0.03</td> <td>-0.10</td>		7-10YR	6.15	10.30	3.25	1.72	-1.44	-2.73	0.03	-0.10	
Initiation-Linked 20+YR 7.23 10.99 1.87 0.36 -4.33 -4.38 Corporate 1-3YR 4.05 8.12 4.82 3.27 0.04 -1.26 4.95 7-10YR 7.69 11.83 5.81 4.24 0.52 -1.82 4.45 20+YR 11.36 15.71 4.50 2.95 -2.38 -3.63 3.72 AAA/AA 1-3YR 3.35 8.01 4.57 3.02 -0.65 -1.35 4.79 7-10YR 7.08 11.27 5.84 4.27 -0.30 -1.61 4.05 A 1-3YR 3.35 7.94 4.74 3.19 0.04 -1.26 4.77 A 7-10YR 7.21 11.40 5.25 3.69 -0.66 -1.95 3.82 AII 6.34 10.49 4.58 3.03 0.83 2.96 AII 6.39 11.16 5.26 3.67 -2.06 -1.16 4.		20+YR	11.39		1.73	0.23			-3.12	-3.24	
Corporate 1-3YR 4.05 8.12 4.82 3.27 0.04 -1.26 4.96 7-10YR 7.69 11.89 5.81 4.24 -0.52 -1.82 4.45 20+YR 11.36 15.71 4.50 2.95 -2.36 -3.03 3.72 AAA/AA 1-3YR 3.95 8.01 4.57 3.02 -0.05 -1.35 4.79 20+YR 11.56 18.00 4.71 3.15 3.44 -4.70 2.64 AI -3YR 3.33 7.99 4.74 3.19 0.04 -1.26 4.77 AI -14YR 7.107R 7.21 14.00 5.25 3.69 -0.66 -1.26 4.77 AI 6.34 10.49 4.58 3.03 -0.83 -2.13 4.17 BBB 1-3YR 4.26 8.34 5.01 3.37 -0.46 -1.76 4.79 20+YR 11.02 15.36 3.67 -2.04	nflation-Linked	20+YR		10.99	1.87		-3.06		-3.08	-3.20	
7.10YR 7.69 11.89 5.81 4.24 -0.52 -1.82 4.45 20+VR 11.36 15.71 4.50 2.35 -3.63 3.72 AAA/AA 1.3VR 7.08 11.27 5.84 4.27 -0.05 -1.35 4.79 7.10YR 7.08 11.27 5.84 4.27 -0.30 -1.61 4.05 20+VR 13.56 18.00 4.71 3.15 -3.44 -4.70 2.64 AI 3.93 7.99 4.74 3.19 0.04 -1.26 4.77 A 1.3YR 7.21 11.40 5.25 3.69 -0.66 -1.95 3.82 20+VR 11.75 16.12 5.23 3.07 -0.24 4.80 3.03 -0.79 -1.23 5.26 AII 6.34 10.49 4.56 3.03 -0.75 -1.13 4.91 20+VR 11.75 16.12 5.23 3.67 -7.69 -1.05		1-3YR	4.05	8.12	4.82		0.04	-1.26	4.95	4.81	
AAA/AA 1-3YR 3.95 8.01 4.57 3.02 -0.05 -1.35 4.79 20+YR 13.65 1127 5.84 4.27 -0.00 -1.61 4.05 20+YR 13.65 18.00 4.71 3.15 -3.44 -4.70 2.64 AI 1.3YR 3.93 7.99 4.74 3.19 0.04 -1.26 4.77 7.10YR 7.21 11.02 16.36 3.95 2.41 -2.66 -3.83 2.96 AII 6.34 10.49 4.58 3.03 -0.83 -2.13 4.17 BBB 1.3YR 4.26 8.34 5.01 3.45 0.07 -1.26 5.26 7.10YR 7.99 12.18 6.09 4.52 0.46 -1.76 4.79 20+YR 11.75 16.12 5.23 3.67 -2.04 -3.32 4.80 AII 6.38 11.16 5.28 3.72 -0.02 -1.33		7-10YR	7.69	11.89	5.81	4.24	-0.52		4.45	4.32	
7.10YR 7.08 11.27 5.84 4.27 -0.30 -1.61 4.05 20+YR 13.56 18.00 4.71 3.15 -3.44 4.70 2.64 AII 4.62 8.71 4.86 3.31 -0.23 -1.53 4.77 A 1-3YR 3.93 7.99 4.74 3.19 0.04 -1.26 4.77 7-10VR 7.21 11.40 5.25 3.69 -0.66 -1.95 3.82 20+YR 11.02 15.36 3.95 2.41 -2.266 -3.83 2.96 AII 6.34 10.04 4.88 3.03 -0.83 2.13 4.17 BBB 1-3YR 4.26 8.34 5.01 3.46 0.07 -1.23 5.26 7.10YR 7.96 12.18 6.09 4.52 -0.46 -1.76 4.79 20+YR 11.75 16.12 5.23 3.67 -2.04 -3.32 4.11 4.16		20+YR	11.36		4.50	2.95	-2.36		3.72	3.59	
7-10YR 7.08 11.27 5.84 4.27 -0.30 -1.61 4.05 20+YR 13.56 18.00 4.71 3.15 -3.44 4.70 2.64 AI 1.3YR 3.93 7.99 4.74 3.19 0.04 -1.26 4.77 A 1.3YR 3.93 7.99 4.74 3.19 0.04 -1.26 4.77 7.10YR 7.21 11.40 5.25 3.69 -0.66 -1.95 3.82 20+YR 11.02 15.36 3.95 2.41 -2.266 -3.83 2.96 AII 6.34 10.49 4.58 3.03 -0.83 2.13 4.17 3BB 1.3YR 4.26 8.34 5.01 3.45 0.07 -1.23 5.26 7.10YR 7.96 12.18 6.09 4.62 -0.04 -1.38 5.00 AII 6.50 10.66 4.72 3.16 -0.02 1.33 5.00	AAA/AA	1-3YR	3.95	8.01	4.57	3.02	-0.05	-1.35	4.79	4.66	
All 4.62 8.71 4.86 3.31 -0.23 -1.53 4.77 A 1.3YR 3.93 7.99 4.74 3.19 0.04 -1.26 4.77 7.10YR 7.21 11.40 5.25 3.69 -0.66 -1.95 3.82 20+YR 11.02 15.36 3.95 2.41 2.56 3.83 2.26 All 6.34 10.49 4.58 3.03 -0.83 2.13 4.17 3BB 1.37R 4.26 8.34 5.01 3.45 0.07 -1.23 5.26 7.10YR 7.96 12.16 6.09 4.52 -0.46 -1.76 4.79 20+YR 11.75 16.12 5.23 3.72 -0.99 1.89 4.91 Sectors Energy 7.95 12.16 4.78 3.23 -1.13 5.00 1nfa 8.99 13.25 4.27 2.72 4.18 3.16 3.31 Ref		7-10YR	7.08	11.27	5.84	4.27	-0.30	-1.61	4.05	3.92	
All 4.62 8.71 4.86 3.31 -0.23 -1.83 4.77 A 1.3YR 3.93 7.99 4.74 3.19 0.04 -1.26 4.77 7.10YR 7.21 11.40 5.25 3.69 -0.66 -1.95 3.82 20+YR 11.02 15.36 3.95 2.41 2.56 -0.66 -1.95 3.82 All 6.34 10.49 4.58 3.03 -0.83 -2.13 4.17 3BB 1.3YR 4.26 8.34 5.01 3.45 0.07 -1.23 5.26 7.10YR 7.66 12.18 6.09 4.52 -0.46 -1.76 4.79 20+YR 11.75 16.12 5.23 3.72 -0.59 1.89 4.91 3Getors Energy 7.95 12.16 4.78 3.23 -1.13 2.42 4.16 Fin 4.54 8.62 4.96 3.41 -0.02 -1.33		20+YR	13.56	18.00	4.71	3.15	-3.44	-4.70	2.64	2.51	
7-10YR 7.21 11.40 5.25 3.69 -0.66 -1.95 3.82 20+YR 11.02 15.36 3.95 2.41 2.56 -3.83 2.96 All 6.34 10.49 4.58 3.03 -0.68 -1.35 5.26 3BB 7.10YR 4.26 8.34 5.01 3.45 0.07 -1.32 5.26 7.10YR 4.26 8.34 5.01 3.45 0.07 -1.76 4.79 20+YR 11.75 16.12 5.23 3.67 -2.04 -3.32 4.80 All 6.98 11.16 5.28 3.72 -0.59 -1.89 4.91 Sectors Energy 7.95 12.16 4.78 3.23 -1.13 -2.42 4.16 Fin 4.54 8.62 4.96 3.41 -0.02 -1.33 5.00 Indus 6.50 10.66 4.72 3.16 -0.79 -2.09 4.35		All	4.62	8.71	4.86	3.31	-0.23		4.77	4.64	
7-10YR 7.21 11.40 5.25 3.69 -0.66 -1.95 3.82 20+YR 11.02 15.36 3.95 2.41 2.56 -3.83 2.96 All 6.34 10.49 4.58 3.03 -0.68 -2.13 4.17 3BB 7.10YR 4.26 8.34 5.01 3.45 0.07 -1.23 5.26 7.10YR 7.26 12.18 6.09 4.52 -0.46 -1.76 4.79 20+YR 11.75 16.12 5.23 3.67 -2.04 -3.32 4.80 All 6.99 11.76 5.23 3.67 -2.04 -3.32 4.80 Sectors Energy 7.95 12.16 4.78 3.23 -1.13 -2.42 4.16 Fin 4.54 8.62 4.96 3.41 -0.02 -1.33 5.00 Indus 6.50 10.66 4.72 3.16 -0.79 -2.09 4.35	4	1-3YR	3.93	7.99	4.74	3.19	0.04	-1.26	4.77	4.64	
20+YR 11.02 15.36 3.95 2.41 -2.56 -3.83 2.96 Ali 6.34 10.49 4.58 3.03 -0.83 -2.13 4.17 3BB 7.40YR 4.26 8.34 5.01 3.45 0.07 -1.23 5.26 7.40YR 7.66 11.76 16.12 5.23 3.67 -2.04 -3.32 4.80 20+YR 11.75 16.12 5.23 3.67 -2.04 -3.32 4.80 Sectors Corm 8.21 12.43 5.60 4.03 -0.83 -2.12 4.71 Fin 4.54 8.62 4.96 3.01 -0.03 -2.03 4.50 Indus 6.50 10.66 4.72 3.16 -0.79 -2.09 4.35 Infra 8.99 13.25 4.27 2.72 -1.88 -3.16 3.31 Decur 3.67 7.72 4.74 3.19 -2.5 -2.54 1.76		7-10YR		11.40	5.25	3.69	-0.66		3.82	3.69	
All 6.34 10.49 4.58 3.03 -0.83 -2.13 4.17 3BB 1-3YR 4.26 8.34 5.01 3.45 0.07 -1.23 5.26 710YR 7.96 12.18 6.09 4.52 -0.46 -1.76 4.79 20+YR 11.75 16.12 5.23 3.67 -2.04 -3.32 4.80 All 6.98 11.16 5.28 3.72 -0.59 1.89 4.91 Sectors Corm 8.21 12.43 5.60 4.03 -0.83 -2.12 4.71 Infra 8.59 10.66 4.72 3.16 -0.02 -1.33 5.00 Infra 8.99 13.25 4.72 2.72 -1.88 -3.06 3.01 RE 5.52 9.64 5.41 3.85 0.12 -1.19 5.02 Secur 3.67 7.72 4.74 3.19 0.26 -1.61 2.79 7		20+YR		15.36			-2.56			2.82	
BBB 1-3YR 4.26 8.34 5.01 3.45 0.07 -1.23 5.26 7-10YR 7.96 12.18 6.09 4.52 -0.46 -1.76 4.79 20+YR 11.75 16.12 5.23 3.67 -2.04 -3.32 4.80 All 6.98 11.16 5.28 3.72 -0.59 -1.89 4.91 Sectors Corm 8.21 12.43 5.60 4.03 -0.83 -2.12 4.17 Energy 7.95 12.16 4.78 3.23 -1.13 -2.42 4.16 Fin 4.54 8.62 4.96 3.41 -0.02 -1.33 5.00 Indus 6.50 10.66 4.72 3.16 -0.79 -2.09 4.35 Infra 8.99 13.25 4.27 2.72 -1.88 -3.16 3.31 Provinces (All) 1.47 3.67 7.72 4.74 3.16 1.161 2.79 <										4.04	
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20+YR 11.75 16.12 5.23 3.67 -2.04 -3.32 4.80 All 6.98 11.16 5.28 3.72 -0.59 -1.89 4.91 Sectors Corm 8.21 12.43 5.60 4.03 -0.83 -2.12 4.71 Energy 7.95 12.16 4.78 3.23 -1.13 -2.42 4.16 Indra 6.50 10.66 4.72 3.16 -0.02 -1.33 5.00 Indra 8.99 13.25 4.27 2.72 -1.88 -3.16 3.31 RE 5.52 9.64 5.41 3.85 0.12 -1.19 5.02 Secur 3.67 7.72 4.74 3.19 0.26 -1.05 5.00 Provinces (All) 1.3YR 2.92 6.94 3.65 2.11 -0.31 -1.61 2.79 7.10YR 6.46 10.62 4.21 2.67 -1.25 -2.54 1.78										4.66	
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Sectors Comm 8.21 12.43 5.60 4.03 -0.83 -2.12 4.71 Energy 7.95 12.16 4.78 3.23 -1.13 -2.42 4.16 Fin 4.54 8.62 4.96 3.41 -0.02 -1.33 5.00 Indus 6.50 10.66 4.72 3.16 -0.79 -2.09 4.35 Infra 8.99 13.25 4.27 2.72 -1.88 -3.16 3.31 RE 5.52 9.64 5.61 3.85 0.12 -1.19 5.02 Secur 3.67 7.72 4.74 3.19 0.26 -1.05 5.00 Provinces (All) 1-37R 2.92 6.94 3.65 2.11 -0.31 -1.61 2.79 7.10YR 6.46 10.62 4.21 2.67 -1.25 -2.54 1.78 20+YR 11.43 15.78 3.04 1.51 -3.33 1.25 Datario										4.78	
Energy 7.95 12.16 4.78 3.23 -1.13 2.42 4.16 Fin 4.54 8.62 4.96 3.41 -0.02 -1.33 5.00 Indus 6.50 10.66 4.72 3.16 -0.79 -2.09 4.35 Infra 8.99 13.25 4.27 2.72 -1.88 -3.16 3.31 RE 5.52 9.64 5.41 3.85 0.12 -1.19 5.02 Secur 3.67 7.72 4.74 3.19 0.26 -1.05 5.00 Provinces (All) 1-3YR 2.92 6.94 3.65 2.11 -0.31 -1.61 2.79 7-10YR 6.46 10.62 4.21 2.67 -1.25 -2.54 1.78 20+YR 11.43 15.78 3.04 1.51 -3.35 1.65 1.8 20+YR 11.46 15.81 3.07 1.54 -3.35 -4.61 0.34 1.0102 <td>Sectors</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4.58</td>	Sectors		_							4.58	
Fin 4.54 8.62 4.96 3.41 -0.02 -1.33 5.00 Indus 6.50 10.66 4.72 3.16 -0.79 -2.09 4.35 Infra 8.99 13.25 4.27 2.72 -1.88 -3.16 3.31 RE 5.52 9.64 5.41 3.85 0.12 -1.19 5.02 Secur 3.67 7.72 4.74 3.19 0.26 -1.05 5.00 Provinces (All) 1-3YR 2.92 6.94 3.65 2.11 -0.31 -1.61 2.79 7-10YR 6.46 10.62 4.21 2.67 -1.25 -2.54 1.78 20+YR 11.43 15.78 3.04 1.51 -3.38 -4.65 0.18 All 7.92 12.13 3.53 1.99 -2.05 -3.33 1.25 Ontario 1.3YR 2.88 6.90 3.63 2.10 -0.28 -1.58 2.84	Jector S									4.02	
Indus 6.50 10.66 4.72 3.16 -0.79 -2.09 4.35 Infra 8.99 13.25 4.27 2.72 -1.88 -3.16 3.31 RE 5.52 9.64 5.41 3.85 0.12 -1.19 5.00 Secur 3.67 7.72 4.74 3.19 0.26 -1.05 5.00 Provinces (AII) 1-3YR 2.92 6.94 3.65 2.11 -0.31 -1.61 2.79 7-10YR 6.46 10.62 4.21 2.67 -1.25 -2.54 1.78 20+YR 11.43 15.78 3.04 1.51 -3.38 -4.65 0.18 AII 7.92 12.13 3.53 1.99 -2.05 -3.33 1.25 Ontario 1-3YR 2.88 6.90 3.63 2.10 -0.28 -1.58 2.84 710YR 6.44 10.60 4.15 2.60 -1.23 -2.52 1.79 <				1						4.87	
Infra 8.99 13.25 4.27 2.72 -1.88 -3.16 3.31 RE 5.52 9.64 5.41 3.85 0.12 -1.19 5.02 Secur 3.67 7.72 4.74 3.19 0.26 -1.05 5.00 Provinces (All) 1-3YR 2.92 6.94 3.65 2.11 -0.31 -1.61 2.79 7-10YR 6.46 10.62 4.21 2.67 -1.25 -2.54 1.78 20+YR 11.43 15.78 3.04 1.51 -3.38 -4.65 0.18 All 7.92 12.13 3.53 1.99 -2.05 -3.33 1.25 Ontario 1-3YR 2.88 6.90 3.63 2.10 -0.28 -1.58 2.84 All 7.64 11.85 3.55 2.02 -1.93 -3.22 1.44 All 7.64 11.85 3.55 2.02 -1.25 -2.54 1.85										4.22	
RE 5.52 9.64 5.41 3.85 0.12 -1.19 5.02 Secur 3.67 7.72 4.74 3.19 0.26 -1.05 5.00 Provinces (All) 1.3YR 2.92 6.94 3.65 2.11 -0.31 -1.61 2.79 7.10YR 6.46 10.62 4.21 2.67 -1.25 -2.54 1.78 20+YR 11.43 15.78 3.04 1.51 -3.38 -4.65 0.18 20+YR 11.43 15.78 3.04 1.51 -3.38 -4.65 0.18 Ontario 1.3YR 2.88 6.90 3.63 2.10 -0.28 -1.58 2.84 710YR 6.44 10.60 4.15 2.60 -1.23 -2.52 1.79 20+YR 11.46 15.81 3.07 1.54 -3.35 -4.61 0.34 All 7.64 11.85 3.55 2.02 -1.93 -3.22 1.44										3.18	
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7-10YR 6.44 10.60 4.15 2.60 -1.23 -2.52 1.79 20+YR 11.46 15.81 3.07 1.54 -3.35 -4.61 0.34 All 7.64 11.85 3.55 2.02 -1.93 -3.22 1.44 Alberta 1-3YR 2.74 6.76 3.63 2.09 -0.32 -1.62 2.58 7-10YR 6.10 10.25 4.45 2.91 -1.25 -2.54 1.85 20+YR 11.45 15.81 2.90 1.38 -3.74 -5.00 -0.85 All 7.55 11.75 3.57 2.04 -2.04 -3.32 0.83 Quebec 1-3YR 3.14 7.17 3.71 2.17 -0.38 -1.68 2.89 7-10YR 6.69 10.86 4.24 2.70 -1.31 -2.60 1.74 Quebec 1-3YR 3.38 1.45 -3.45 -4.71 0.25 All </td <td>Intorio</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.70</td>	Intorio									2.70	
20+YR11.4615.813.071.54-3.35-4.610.34All7.6411.853.552.02-1.93-3.221.44Alberta1-3YR2.746.763.632.09-0.32-1.622.587-10YR6.1010.254.452.91-1.25-2.541.8520+YR11.4515.812.901.38-3.74-5.00-0.85All7.5511.753.572.04-2.04-3.320.83Quebec1-3YR3.147.173.712.17-0.38-1.682.897-10YR6.6910.864.242.70-1.31-2.601.7420+YR11.3615.712.981.45-3.45-4.710.25All8.3812.613.471.94-2.26-3.541.173C1-3YR2.426.423.381.85-0.28-1.582.507-10YR6.2710.424.152.61-1.25-2.541.57	Jilano				1					1.67	
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20+YR 11.45 15.81 2.90 1.38 -3.74 -5.00 -0.85 All 7.55 11.75 3.57 2.04 -2.04 -3.32 0.83 Quebec 1-3YR 3.14 7.17 3.71 2.17 -0.38 -1.68 2.89 7-10YR 6.69 10.86 4.24 2.70 -1.31 -2.60 1.74 20+YR 11.36 15.71 2.98 1.45 -3.45 -4.71 0.25 All 8.38 12.61 3.47 1.94 -2.26 -3.54 1.17 3C 1-3YR 2.42 6.42 3.38 1.85 -0.28 -1.58 2.50 7-10YR 6.27 10.42 4.15 2.61 -1.25 -2.54 1.57	Alberta									1.72	
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3C 1-3YR 2.42 6.42 3.38 1.85 -0.28 -1.58 2.50 7-10YR 6.27 10.42 4.15 2.61 -1.25 -2.54 1.57										0.13	
7-10YR 6.27 10.42 4.15 2.61 -1.25 -2.54 1.57										1.04	
	SC									2.37	
ZU+YK 11.8Z 16.19 2.98 1.45 -3.32 -4.58 -0.19										1.45	
All 8.30 12.53 3.52 1.99 -2.05 -3.33 0.92			11.82	16.19		1.45	-3.32			-0.32 0.79	

Indices used: FTSE Canada Non-Agency Bond Index (Short, Mid, Long), FTSE Canada RRB Canada Index, FTSE Canada Corporate Bond Index (Short, Mid, Long, AAA/AA, A, BBB), FTSE Canada Provincial Bond Index, FTSE Canada High Yield Bond Index.

Government bond returns

Green highlight indicates highest 15%, red indicates lowest 15%.

		3	м	6	N	Ŷ	ſD	12	M
		Local	USD	Local	USD	Local	USD	Local	USD
Government	1-3YR	2.41	6.41	3.22	1.69	-0.24	-1.54	2.69	2.56
	7-10YR	6.15	10.30	3.25	1.72	-1.44	-2.73	0.03	-0.10
	20+YR	11.39	15.74	1.73	0.23	-4.50	-5.74	-3.12	-3.24
Inflation-Linked	20+YR	#DIV/0!	#DIV/0!	1.87	0.36	-3.06	-4.33	-3.08	-3.20
Corporate	1-3YR	4.05	8.12	4.82	3.27	0.04	-1.26	4.95	4.81
·	7-10YR	7.69	11.89	5.81	4.24	-0.52	-1.82	4.45	4.32
	20+YR	11.36	15.71	4.50	2.95	-2.36	-3.63	3.72	3.59
AAA/AA	1-3YR	3.95	8.01	4.57	3.02	-0.05	-1.35	4.79	4.66
	7-10YR	7.08	11.27	5.84	4.27	-0.30	-1.61	4.05	3.92
	20+YR	13.56	18.00	4.71	3.15	-3.44	-4.70	2.64	2.51
	All	4.62	8.71	4.86	3.31	-0.23	-1.53	4.77	4.64
A	1-3YR	3.93	7.99	4.74	3.19	0.04	-1.26	4.77	4.64
	7-10YR	7.21	11.40	5.25	3.69	-0.66	-1.95	3.82	3.69
	20+YR	11.02	15.36	3.95	2.41	-2.56	-3.83	2.96	2.82
	All	6.34	10.49	4.58	3.03	-0.83	-2.13	4.17	4.04
BBB	1-3YR	4.26	8.34	5.01	3.45	0.07	-1.23	5.26	5.12
	7-10YR	7.96	12.18	6.09	4.52	-0.46	-1.76	4.79	4.66
	20+YR	11.75	16.12	5.23	3.67	-2.04	-3.32	4.80	4.66
	All	6.98	11.16	5.28	3.72	-0.59	-1.89	4.91	4.78
Sectors	Comm	8.21	12.43	5.60	4.03	-0.83	-2.12	4.71	4.58
	Energy	7.95	12.16	4.78	3.23	-1.13	-2.42	4.16	4.02
	Fin	4.54	8.62	4.96	3.41	-0.02	-1.33	5.00	4.87
	Indus	6.50	10.66	4.72	3.16	-0.79	-2.09	4.35	4.22
	Infra	8.99	13.25	4.27	2.72	-1.88	-3.16	3.31	3.18
	RE	5.52	9.64	5.41	3.85	0.12	-1.19	5.02	4.88
	Secur	3.67	7.72	4.74	3.19	0.26	-1.05	5.00	4.86
Provinces (All)	1-3YR	2.92	6.94	3.65	2.11	-0.31	-1.61	2.79	2.66
	7-10YR	6.46	10.62	4.21	2.67	-1.25	-2.54	1.78	1.65
	20+YR	11.43	15.78	3.04	1.51	-3.38	-4.65	0.18	0.05
	All	7.92	12.13	3.53	1.99	-2.05	-3.33	1.25	1.12
Ontario	1-3YR	2.88	6.90	3.63	2.10	-0.28	-1.58	2.84	2.70
	7-10YR	6.44	10.60	4.15	2.60	-1.23	-2.52	1.79	1.67
	20+YR	11.46	15.81	3.07	1.54	-3.35	-4.61	0.34	0.21
	All	7.64	11.85	3.55	2.02	-1.93	-3.22	1.44	1.31
Alberta	1-3YR	2.74	6.76	3.63	2.09	-0.32	-1.62	2.58	2.44
	7-10YR	6.10	10.25	4.45	2.91	-1.25	-2.54	1.85	1.72
	20+YR	11.45	15.81	2.90	1.38	-3.74	-5.00	-0.85	-0.98
	All	7.55	11.75	3.57	2.04	-2.04	-3.32	0.83	0.71
Quebec	1-3YR	3.14	7.17	3.71	2.17	-0.38	-1.68	2.89	2.76
-	7-10YR	6.69	10.86	4.24	2.70	-1.31	-2.60	1.74	1.61
	20+YR	11.36	15.71	2.98	1.45	-3.45	-4.71	0.25	0.13
	All	8.38	12.61	3.47	1.94	-2.26	-3.54	1.17	1.04
BC	1-3YR	2.42	6.42	3.38	1.85	-0.28	-1.58	2.50	2.37
-	7-10YR	6.27	10.42	4.15	2.61	-1.25	-2.54	1.57	1.45
	20+YR	11.82	16.19	2.98	1.45	-3.32	-4.58	-0.19	-0.32
	All	8.30	12.53	3.52	1.99	-2.05	-3.33	0.92	0.79

Indices used: FTSE Canada Non-Agency Bond Index (Short, Mid, Long).

Source: FTSE Russell. All data as of January 31, 2024. Past performance is no guarantee of future results. Please see the end for important legal disclosures. Bond market data is derived from FTSE Fixed Income Indices. See Appendix Glossary for list of indices used for each market. For professional investors only.

Top 15% Bottom 15%

Inflation-Linked Bond Returns

Top 15% Bottom 15%

Green highlight indicates top 15%, red indicates bottom 15%.

		31	м	6	м	Ŷ	ſD	12	M
		Local	USD	Local	USD	Local	USD	Local	USD
WGBI	1-5YR	2.55	4.13	2.78	2.22	0.23	-0.33	4.09	4.07
	5-10YR	5.35	7.51	2.17	1.38	-0.18	-0.90	3.09	3.49
	20+YR	10.59	14.50	-3.88	-4.85	-5.63	-6.03	-12.07	-9.99
JS	1-5YR	2.92	2.92	3.02	3.02	0.44	0.44	4.11	4.11
	5-10YR	6.79	6.79	2.24	2.24	0.48	0.48	2.08	2.08
	20+YR	14.80	14.80	-2.72	-2.72	-1.10	-1.10	-5.46	-5.46
JK	1-5YR	2.28	7.33	4.25	3.18	-0.74	-0.85	5.53	9.16
	5-10YR	3.89	9.03	3.63	2.57	-1.61	-1.72	4.04	7.62
	20+YR	7.75	13.08	-6.12	-7.08	-8.95	-9.05	-19.15	-16.37
UxUK	1-5YR	0.30	3.07	0.39	-1.10	-0.24	-1.91	1.72	1.74
	5-10YR	1.82	4.63	-0.30	-1.77	-0.81	-2.46	1.81	1.83
	20+YR	8.72	11.73	-5.11	-6.51	-3.01	-4.63	-5.51	-5.49
apan	1-5YR	0.65	4.28	0.98	-1.85	0.03	-3.52	2.81	-8.53
	5-10YR	2.15	5.83	2.21	-0.65	0.31	-3.26	6.54	-5.22
mergingMkts	1-5YR	3.60	4.74	4.17	-0.88	0.93	-1.01	12.44	7.95
	5-10YR	5.43	7.66	3.29	-1.52	-0.03	-2.03	12.32	10.56
	20+YR	9.14	11.90	2.91	-1.06	-1.69	-3.57	13.93	17.26
Sermany	1-5YR	0.30	3.07	0.39	-1.10	-0.24	-1.91	1.72	1.74
-	5-10YR	1.82	4.63	-0.30	-1.77	-0.81	-2.46	1.81	1.83
	20+YR	8.72	11.73	-5.11	-6.51	-3.01	-4.63	-5.51	-5.49
aly	1-5YR	2.53	5.36	2.36	0.85	0.01	-1.66	4.94	4.96
-	5-10YR	6.32	9.26	1.65	0.14	-0.17	-1.83	7.19	7.21
	20+YR	17.32	20.56	-5.20	-6.60	-1.91	-3.54	1.72	1.74
rance	1-5YR	1.17	3.97	1.05	-0.44	-0.16	-1.82	2.37	2.39
	5-10YR	2.66	5.50	0.72	-0.77	-0.77	-2.43	2.76	2.78
	20+YR	13.39	16.53	-3.57	-4.99	-3.96	-5.56	-3.64	-3.62
ustralia	1-5YR	2.63	7.15	3.02	1.07	-0.05	-3.17	4.53	-1.94
	5-10YR	6.33	11.01	3.83	1.85	-0.40	-3.51	3.82	-2.60
	20+YR	19.15	24.40	2.72	0.77	-3.99	-6.99	-2.70	-8.72
NZ	5-10YR	6.15	12.33	3.84	2.71	-0.91	-3.66	4.31	-0.65
	20+YR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Indices used: FTSE Canada RRB Canada Bond Index.

Canadian Bond Yields

Top 15% Bottom 15%

Green highlight indicates top 15%, red indicates bottom 15%.

		1-3YR	7-10YR	20+YR	All Mat
• •	Current	1			All Wat
Canada	Current	3.99	3.35	3.30	
	3M Ago	4.55	4.08	3.93	
	6M Ago	4.55	3.58	3.34	
	12M Ago	3.68	2.91	3.00	
IL	Current			1.70	
	3M Ago				
	6M Ago			1.78	
	12M Ago			1.20	
Provincial	Current	4.07	3.91	4.26	4.11
	3M Ago	4.71	4.71	4.95	4.82
	6M Ago	4.64	4.22	4.32	4.37
	12M Ago	3.70	3.53	3.99	3.80
Ontario	Current	4.10	3.91	4.24	4.11
	3M Ago	4.71	4.72	4.94	4.81
	6M Ago	4.63	4.22	4.32	4.38
	12M Ago	3.74	3.53	3.99	3.80
Quebec	Current	4.00	3.89	4.22	4.08
	3M Ago	4.65	4.71	4.91	4.80
	6M Ago	4.68	4.20	4.27	4.33
	12M Ago	3.65	3.52	3.96	3.78
Alberta	Current	4.05	3.88	4.30	4.11
	3M Ago	4.73	4.65	4.95	4.79
	6M Ago	4.63	4.22	4.35	4.38
	12M Ago	3.66	3.51	3.98	3.76
BC	Current	4.12	3.91	4.22	4.09
	3M Ago	4.77	4.69	4.94	4.82
	6M Ago	4.72	4.20	4.30	4.33
	12M Ago	3.62	3.50	3.96	3.75
Municipal	Current	4.07	3.99	4.47	4.23
-	3M Ago	4.74	4.78	5.18	4.94
	6M Ago	4.71	4.29	4.56	4.52
	12M Ago	3.75	3.62	4.24	3.93
Corporate	Current	4.90	4.90	5.06	4.94
-	3M Ago	5.87	5.92	5.85	5.88
	6M Ago	5.65	5.39	5.20	5.49
	12M Ago	4.84	4.69	4.92	4.83
High Yield	Current				7.04
5	3M Ago				8.32
	6M Ago				7.60
	12M Ago				6.99

		1-5YR	5-10YR	20+YR	All Mat
ΑΑΑ/ΑΑ	Current	4.60	4.53	4.51	4.60
	3M Ago	5.57	5.61	5.24	5.56
	6M Ago	5.35	5.17	4.66	5.32
	12M Ago	4.59	4.25	4.40	4.52
A	Current	4.81	4.62	4.81	4.79
	3M Ago	5.78	5.62	5.57	5.70
	6M Ago	5.58	5.08	4.93	5.33
	12M Ago	4.71	4.45	4.66	4.66
BBB	Current	5.11	5.05	5.43	5.17
	3M Ago	2.82	2.50	2.64	6.14
	6M Ago	2.44	1.72	1.80	5.72
	12M Ago	1.79	1.46	1.62	5.10
Comm	Current	4.81	5.41	5.10	4.96
	3M Ago	5.95	6.32	5.98	5.96
	6M Ago	5.36	5.65	5.74	5.50
	12M Ago	4.69	5.37	4.87	4.98
Energy	Current	5.10	5.06	5.17	5.12
	3M Ago	5.98	6.02	5.99	6.00
	6M Ago	5.74	5.47	5.29	5.48
	12M Ago	4.87	4.86	5.01	4.93
Financial	Current	4.85	4.88	4.98	4.86
	3M Ago	5.86	6.00	5.79	5.87
	6M Ago	5.64	5.48	5.26	5.62
	12M Ago	4.80	4.60	5.03	4.79
Industrial	Current	4.82	4.76	5.13	4.88
	3M Ago	5.72	5.73	5.91	5.77
	6M Ago	5.56	5.25	5.25	5.40
	12M Ago	4.87	4.60	5.03	4.84
Infrastructure	Current	4.56	4.60	4.86	4.77
	3M Ago	5.39	5.52	5.61	5.56
	6M Ago	5.17	5.04	4.99	5.02
	12M Ago	4.45	4.35	4.71	4.61
Securitization	Current	4.88			4.88
-	3M Ago	5.80			5.81
	6M Ago	5.70			5.71
-	12M Ago	4.82			4.82

Indices used: FTSE Canada Non-Agency Bond Index (Short, Mid, Long), FTSE Canada RRB Canada Index, FTSE Canada Corporate Bond Index (Short, Mid, Long, AAA/AA, A, BBB), FTSE Canada Provincial Bond Index, FTSE Canada High Yield Bond Index.

Global Bond Yields

Green highlight indicates top 15%, red indicates bottom 15%.

		Conv	entional go	vernment k	onds	Inflat	ion-linked b	oonds	Inv Grade	High Yld
		1-3YR	3-5YR	7-10YR	20+YR	1-5YR	5-10YR	20+YR	All Mat	All Mat
US	Current	4.33	3.93	3.93	4.31	1.98	1.64	2.01	5.14	7.97
	3M Ago	5.17	4.87	4.90	5.19	2.82	2.50	2.64	6.38	9.46
	6M Ago	5.01	4.33	3.97	4.11	2.44	1.72	1.80	5.50	8.34
	12M Ago	4.35	3.74	3.46	3.71	1.85	1.32	1.54	5.01	8.22
UK	Current	4.21	3.73	3.75	4.39	0.16	0.21	1.25		
	3M Ago	4.67	4.45	4.43	4.91	0.65	0.71	1.51		
	6M Ago	5.04	4.69	4.25	4.39	1.86	0.65	1.00		
	12M Ago	3.42	3.19	3.24	3.68	0.12	-0.18	0.29		
Japan	Current	0.04	0.20	0.59	1.73	-1.65	-0.83			
	3M Ago	0.09	0.34	0.83	1.82	-1.55	-0.65			
	6M Ago	-0.04	0.08	0.50	1.40	-1.70	-0.74			
	12M Ago	-0.02	0.11	0.52	1.50	-1.20	-0.37			
China	Current	2.07	2.22	2.46	2.70					
	3M Ago	2.27	2.42	2.67	3.08					
	6M Ago	2.08	2.34	2.66	3.04					
	12M Ago	2.30	2.59	2.87	3.31					
EM	Current	3.34	3.81	4.64	4.17	4.38	4.41	5.03	5.56	9.29
	3M Ago	3.71	4.43	5.00	4.55	4.20	4.73	5.46	6.68	11.30
	6M Ago	3.58	4.17	4.80	4.41	3.05	4.07	4.88	5.93	11.51
	12M Ago	3.59	4.46	4.87	4.58	1.69	3.49	5.31	5.52	10.25
Germany	Current	2.57	2.07	2.06	2.38	0.81	0.20	0.27		
	3M Ago	3.09	2.66	2.70	3.05	0.90	0.45	0.65		
	6M Ago	3.09	2.60	2.41	2.53	0.60	0.07	0.01		
	12M Ago	2.59	2.78	2.59	2.57	0.22	0.08	0.03		
Italy	Current	2.96	2.93	3.47	4.21	1.08	1.58	1.94		
	3M Ago	3.77	3.88	4.45	5.06	1.77	2.35	2.53		
	6M Ago	3.60	3.55	3.86	4.35	1.30	1.64	1.69		
	12M Ago	3.17	3.93	4.28	4.57	0.70	1.63	1.82		
France	Current	2.62	2.34	2.52	3.13	0.44	0.37	0.78		
	3M Ago	3.21	3.01	3.23	3.88	0.93	0.78	1.28		
	6M Ago	3.15	2.90	2.90	3.35	0.58	0.37	0.60		
	12M Ago	2.71	2.94	2.89	3.22	-0.07	0.23	0.63		
Sweden	Current	2.68	2.21	2.18		1.26	0.76			
	3M Ago	3.43	3.05	2.94		1.34	1.30			
	6M Ago	3.33	2.83	2.57		0.96	0.74			
	12M Ago	2.50	2.53	2.28		-0.07	0.20			
Australia	Current	3.69	3.60	3.97	4.42	1.04	1.39	1.81		
	3M Ago	4.49	4.48	4.87	5.33	1.47	2.04	2.53		
	6M Ago	4.02	3.86	4.03	4.40	1.03	1.47	1.79		
	12M Ago	3.17	3.03	3.32	3.83	0.12	0.93	1.54		
NZ	Current	4.89	4.44	4.55	4.87	1.72	2.39			
	3M Ago	5.49	5.37	5.55	5.69	2.47	3.05			
	6M Ago	5.21	4.80	4.70	4.87	1.94	2.39			
	12M Ago	4.67	4.17	4.10	4.34	1.01	1.70			
Canada	Current	3.99		3.35	3.30			1.70	4.94	7.04
	3M Ago	4.55		4.08	3.93				5.88	8.32
	6M Ago	4.55		3.58	3.34			1.78	5.49	7.60
	12M Ago	3.68		2.91	3.00			1.20	4.83	6.99

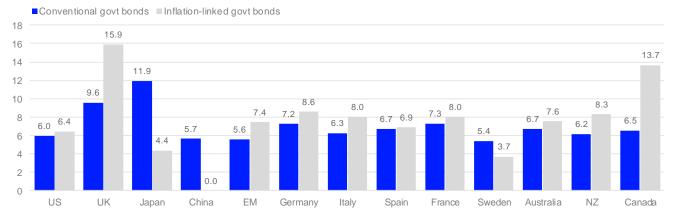
Source: FTSE Russell. All data as of January 31, 2024. Past performance is no guarantee of future results. Please see the end for important legal disclosures. Bond market data is derived from FTSE Fixed Income Indices. See Appendix Glossary for list of indices used for each market. For professional investors only.

Top 15% Bottom 15%

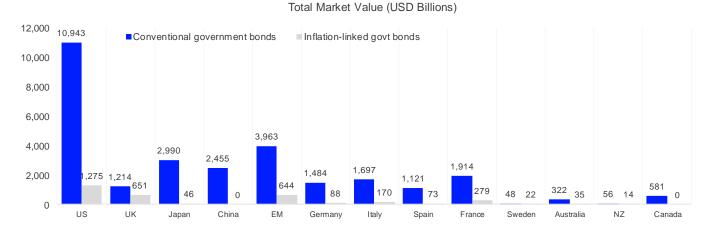
Appendix – Duration and Market Value (USD, Bn) as of January 31, 2024

	Conventional government bonds									Inflation-linked government bonds					
	Duration				Market Value				Duration			Market Value			
	3-5YR	7-10YR	20+YR	Overall	3-5YR	7-10YR	20+YR	Total	5-10YR	20+YR	Overall	5-10YR	20+YR	Total	
US	3.7	7.3	16.9	6.0	2,559.5	1,136.5	1,323.2	10,942.7	6.9	21.1	6.4	424.0	125.3	1275.1	
UK	3.6	7.7	18.4	9.6	161.3	161.0	330.4	1,213.7	6.9	26.9	15.9	113.1	243.8	651.1	
Japan	3.9	8.1	23.6	11.9	353.5	358.8	629.6	2,989.9	7.1		4.4	19.7		45.9	
China	3.7	7.6	17.9	5.7	571.0	374.7	287.4	2,454.8							
EM	3.6	6.9	16.1	5.6	837.42	704.83	389.00	3,963.4	6.1	13.7	7.4	102.7	172.4	644.2	
Germany	3.8	7.5	20.6	7.2	350.71	236.96	177.23	1,484.4	6.9	21.4	8.6	44.2	18.7	88.4	
Italy	3.7	7.2	16.3	6.3	307.17	278.09	149.98	1,697.0	7.4	26.0	8.0	62.7	5.4	169.6	
Spain	3.7	7.6	17.9	6.7	208.27	200.59	104.55	1,120.6	7.8		6.9	47.7		72.8	
France	3.8	7.5	20.0	7.3	325.10	301.75	235.56	1,913.6	6.3	24.2	8.0	109.0	21.2	279.4	
Sweden	4.1	7.7		5.4	6.87	14.05		47.9	6.8		3.7	5.5		22.2	
Australia	3.6	7.6	17.0	6.7	47.47	92.11	20.70	321.7	6.8	22.1	7.6	10.3	2.8	34.8	
NZ	3.5	7.3	16.9	6.2	10.90	15.73	2.78	56.0	5.9		8.3	3.2		14.0	
Canada		6.9	17.9	6.5		216.00	96.83	580.9		13.7	13.7		65.6		

Investment grade bonds											High Yield	
	Duration							Market Valu	Duration	MktVal		
	AAA	AA	А	BBB	Overall	AAA	AA	А	BBB	Overall		
US	10.5	8.5	7.2	6.6	7.0	76.8	454.5	2,729.7	3,479.0	6,739.9	3.8	1,180.0
Euro	5.6	4.8	4.6	4.2	4.4	11.0	204.6	1,248.0	1,529.7	2,993.4	3.0	421.1
EM		5.9	4.8	5.2	5.1		37.90	221.55	309.4	568.9	3.3	183.5

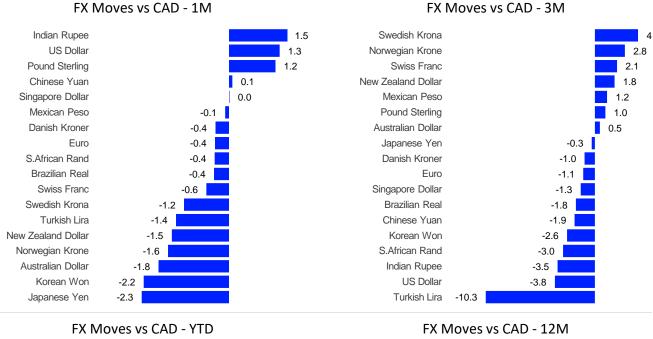


Average Duration

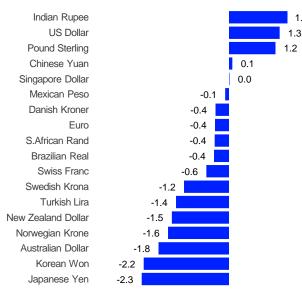


Data as of 2024-01-31

Indices used: FTSE Canada Non-Agency Bond Index (Mid, Long, Overall), FTSE Canada RRB Canada Bond Index.



1.5





FX Moves vs CAD - 3M

Appendix – Glossary

Bond markets are based on the following indices:

FTSE Canada Universe Bond Index for all Canadian government and corporate bond markets* FTSE Canada High Yield Bond Index for the Canadian high yield market FTSE Canada RRB Canada Index for the Canadian inflation-linked bond market FTSE World Government Bond Index (WGBI) for all global government bond markets FTSE World Inflation-Linked Securities Index (WorldILSI) for all global inflation-linked bond markets FTSE US Broad Investment-Grade Bond Index (USBIG®) for the US corporate bond market FTSE US High-Yield Market Index for the US high yield bond market FTSE Euro Broad Investment-Grade Bond Index (EuroBIG®) for the Euro-denominated corporate bond market FTSE European High-Yield Market Index for the European high yield market FTSE Chinese Government and Policy Bank Bond Index (CNGPBI) for the Chinese government bond market FTSE Emerging Markets Inflation-Linked Securities Index (EMILSI) for the emerging markets inflation-linked bond market

List of Abbreviations used in charts:

IL = Inflation-linked bonds IG = Investment-grade bonds HY = High-yield bonds BPS = Basis points EM = Emerging market LC = Local currency

* FTSE Canada Bond Indexes

1-3YR = Short Term Bond Indices 7-10YR = Mid Term Bond Indices 20+ YR = Long Term Bond Indices

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