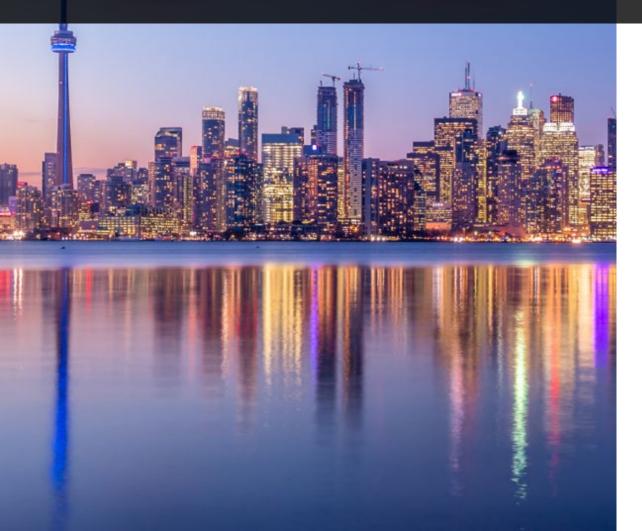
Mortgage & Economic Outline – July 2024





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Mortgage Brokerage FSRA #13151

*2022 Global Best in Mortgage 2022 Report

*2021 CMP Top Canadian Mortgage Workplace

*2021 Mortgage Brokerage of the Year – Canadian Mortgage Awards (CMA) Winner

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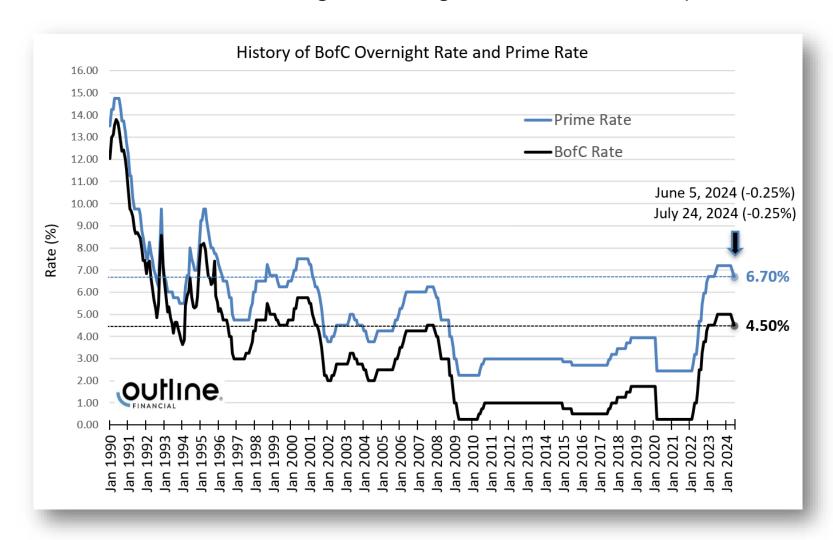


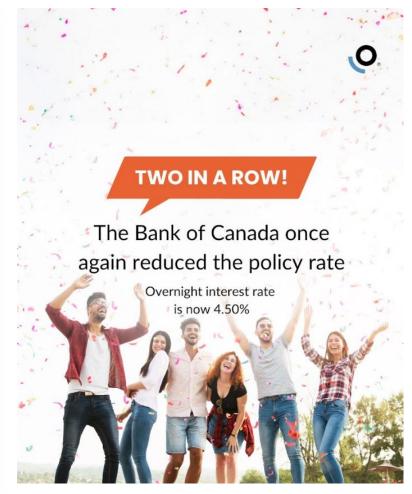
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50 bps in 50 days!

- On July 24th, the Bank of Canada announced another 0.25% (25 basis points "bps") drop in the policy/overnight rate. We've now had a combined drop of 0.50% (50 bps) in 50 days.
- This brings the overnight rate to 4.50% and the prime rate to 6.70%.





How Could The Recent Rate Drops Impact You? What's Next?



What could the combined 0.50% of rate drops in 50 days mean for you?



If you have a variable rate mortgage with adjustable payments:

• You should see a decrease in your payment of about \$30 per \$100K of mortgage depending on your amortization.

If you have a variable rate mortgage with static / non-adjustable payments:

• The interest portion of your payment should decrease and more of the payment will go towards the principal (unless you have already hit your trigger point).

If you have a home equity line of credit:

Your minimum payment should decrease by about \$40 per \$100K of HELOC balance.

If you have a fixed-rate mortgage:

There is no immediate change, although it could positively impact your renewal options.

If you are currently shopping for a home or have a pre-approval:

- Your buying power may have increased. A -0.50% in rate may equal a +5.0% in purchasing power.
- Do you have a fixed rate pre-approval? As fixed rates typically move in tandem with bond yields (which move in anticipation of a Bank of Canada rate change), the most recent drop by the Bank of Canada was already priced in. That being said, if rate drop expectations continue, fixed rates should start to fall as rate cuts become more imminent.

What could this mean for you in the longer term?



Are there more rate cuts on the way?

- The short answer? Yes, very likely. Most banks/economist are projecting another -1.0% to -1.5% by the end of 2025.
- "Neutral rate" (neither expansionary or contractionary to economy) is 2.25% to 3.25% which would mean at least another -1.25%+ to go.

Fixed or Variable?

- During May 2024, just 8% of all new mortgage originations were variable. Fixed rate terms shorter than 5 years accounted for 80% of originations, and fixed rate terms of 5 years or more accounted for 12% of originations.*
 (*Data Source: Bank of Canada Funds advanced for new lending by chartered banks across Canada)
- As the overnight rate (and prime rate) continues to drop, expect the percentage of variable rate mortgage originations to increase as the 10-year average is closer to 25%.
- Looking to compare options? At Outline, we have developed a series of analysis tools to help quantify the pros, cons, costs, and benefits when comparing fixed vs. variable or mortgage term options.

How Will This Impact Fixed Rates?

• Fixed rates are heavily influenced by government bond yields (more on this later in this report). Given that bond yields move "in anticipation of" a potential Bank of Canada rate change, the most recent 0.25% rate reduction was already priced in most fixed-rate approvals. That being said, if we see a continued expectation of further rate reductions, expect bond yields to gradually decrease as the rate cuts become more imminent (this will be particularly true for shorter-term products).

Why did the Bank of Canada lower rates?



Links to the press release, Monetary Policy Report, and opening statement:

- Bank of Canada, July 24th press release [click here]
- Opening statement [click here] Tiff Macklem, Governor of the Bank of Canada
- Bank of Canada Monetary Policy Report [click here]

Why did the Bank of Canada decide to reduce rates again?

• "With broad price pressures continuing to ease and inflation expected to move closer to 2%, Governing Council decided to reduce the policy interest rate by a further 25 basis points." - BofC press release

The BofC acknowledges further rate reduction may be on the way, but will take it one meeting at a time:

• "If inflation continues to ease broadly in line with our forecast, it is reasonable to expect further cuts in our policy interest rate...we will be taking our monetary policy decisions one at a time."- Tiff Macklem opening statement

When are the next Bank of Canada rate announcements?

- September 4 (Interest rate announcement)
- October 23 (Interest rate announcement and Monetary Policy Report)
- **December 11** (Interest rate announcement)

Interesting Housing Related Section in The Bank of Canada's Monetary Policy Report (Pages 14/15)

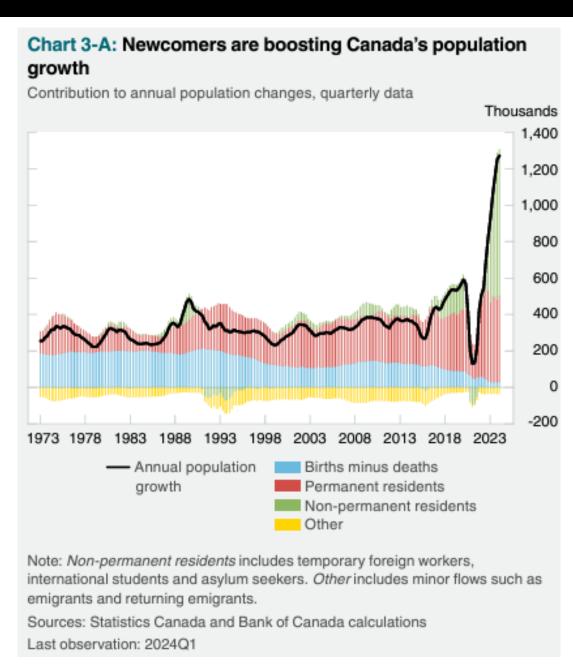




Bank of Canada Monetary Policy Report (Pages 14/15)



"Canada's total population has grown by 2.3 million (or 6%) over the past two years, with almost all this due to the arrival of newcomers (Chart 3-A). The increased number of newcomers affects the economy through three main channels: labour markets, consumption and housing."*



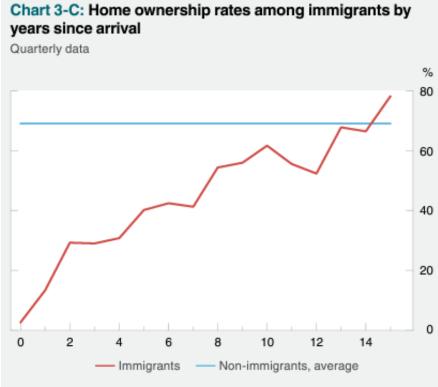
^{*}Source: Chart and quotes are from the Bank of Canada Monetary Policy Report released on July 24, 2024.

Bank of Canada Monetary Policy Report (Pages 14/15)



Housing

- "The increase in housing demand from newcomers is being felt across all types of housing, but the largest initial impact tends to be in rental markets. This is because most newcomers start out as renters"*
- As illustrated in the accompanying chart, after approximately 9 years, on average more than 50% of newcomers have purchased a home. This percentage continues to grow and eventually surpasses the non-immigrant average which is in the mid 60% homeownership range.
- "Growth in housing supply has not kept up with the strong increase in demand, with construction activity remaining close to pre-pandemic levels."*



Note: This chart shows the percentage of respondents to the Canadian Survey of Consumer Expectations reporting they own a home by the number of years since their arrival in Canada. Results include data from the third quarter of 2021 to the second quarter of 2024. Non-permanent residents are excluded.

Source: Bank of Canada Last observation: 2024Q2

^{*}Source: Chart and quotes are from the Bank of Canada Monetary Policy Report released on July 24, 2024.

What Do The Big 6 Banks Project for the Bank of Canada Overnight Rate?



2024/2025 Overnight Rate Forecasts - Where To Next?

2023

2024

2024

2024



Recent Major Bank Forecast Range of Overnight Rate*

Current Overnight Rate is 4.50%

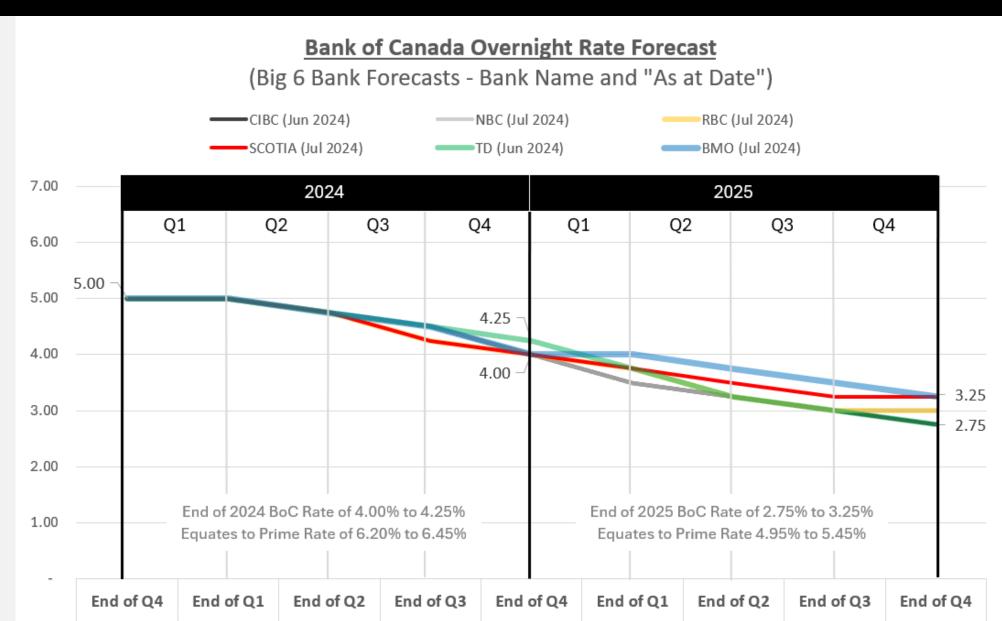
By End of 2024

Overnight Rate Forecast is 4.00% to 4.25%

By End of 2025

Overnight Rate Forecast is 2.75% to 3.25%

*This slide is for illustrative purposes only and subject to change at any time.



2024

2025

2025

2025

2025

What Do The Financial Markets Project For The Bank of Canada Overnight Rate?



What Does the "Market" Project For the Bank of Canada Target Rate

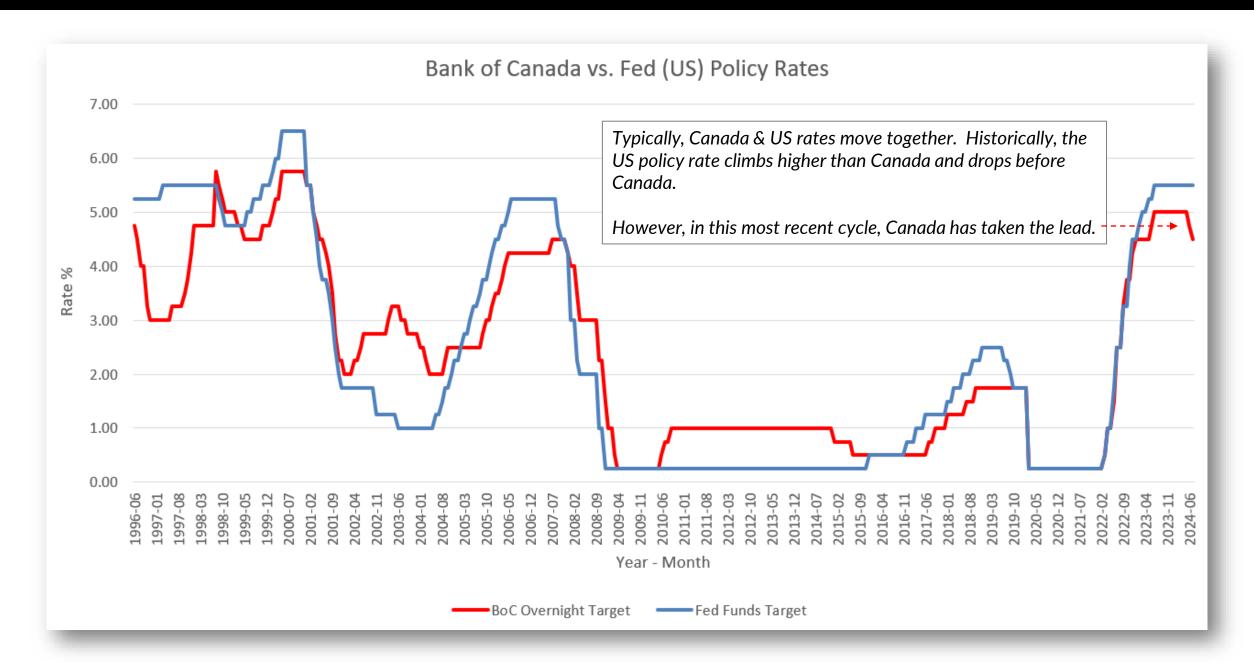
Market projections are based on forward contracts on Canada Overnight Repo Rate Average (CORRA) as of July 17, 2024

Current	• Bank of Canada Target Rate = 4.50%
Sept 4, 2024 – Rate Announcement	 53% chance Target Rate will be = 4.25% 47% chance Target Rate will be = 4.50%
Oct 23, 2024 - Rate Announcement	 78% chance Target Rate will be = 4.25% 22% chance Target Rate will be = 4.00%
Dec 11, 2024 - Rate Announcement	 74% chance Target Rate will be = 4.00% 26% chance Target Rate will be = 4.25%

Given a historically strong correlation between the US & Canada rate movements, what is projected for the US?







What Does the "Market" Project For the U.S. Fed Rate

Market projections are based on CME Group 30-Day Fed Fund futures prices, which tend to signal the markets' expectation regarding the possibility of changes to US interest rates based on Fed monetary policy. As of July 25, 2024 (2:45pm).

Current	• Fed Rate = 5.50%
Jul 31, 2024 – Rate Announcement	 93% chance Fed Rate will be = 5.50% 7% chance Fed Rate will be = 5.25%
Sep 18, 2024 – Rate Announcement	 90% chance Fed Rate will be = 5.25% 10% chance Target Rate will be = 5.00%
Nov 7, 2024 – Rate Announcement	 58% chance Fed Rate will be = 5.00% 36% chance Fed Rate will be = 5.25% 6% change Fed Rate will be = 4.75%
Dec 18, 2024 - Rate Announcement	 54% chance Fed Rate will be = 4.75% 38% chance Fed Rate will be = 5.00% 6% chance Fed Rate will be = 4.5% 2% chance Fed Rate will be = 5.25%

Canada Bond Yields & Fixed Rate Mortgage Movement & Strategies





*Reminder: Bond Yields May Provide a "Glimpse Into the Future"

- <u>Fixed Rates</u> are influenced by bond yields and usually move "in anticipation" of any future change in overnight rate.
- Timing on anticipated Bank of Canada decisions will impact fixed mortgage rates of different durations, i.e., 2yr fixed, 3yr fixed, 5yr fixed, etc.

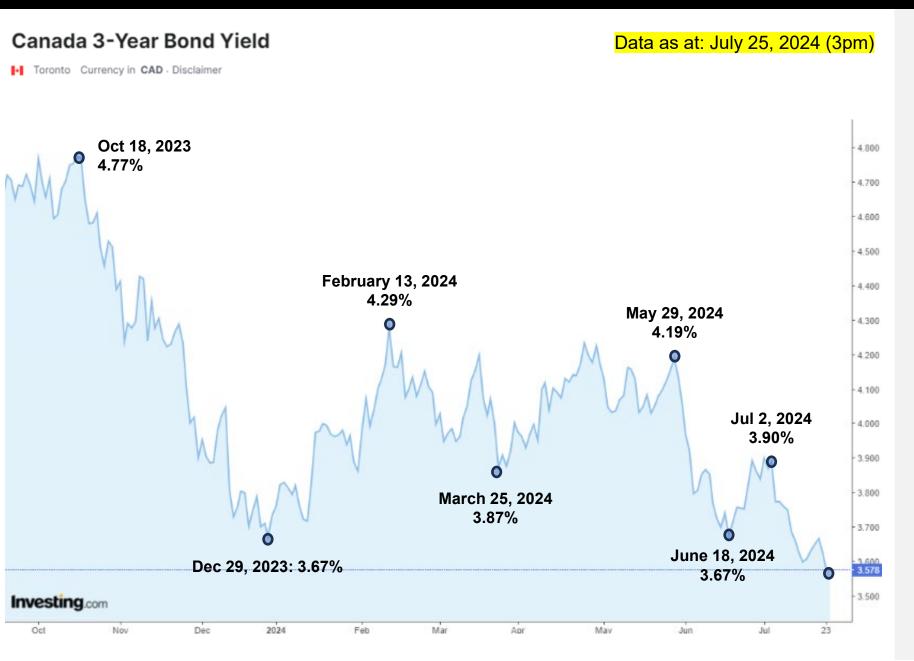
Comments on Recent Bond Yield Movement

Bond yields (and fixed rates) dropped in late 2023 once the "market" believed the Bank of Canada was done with increases. Yields are currently fluctuating given the uncertainty of when and by how much the Bank of Canada will drop it's overnight rate. However, they have dropped back to the lowest levels since May 2023.

Bond yield fluctation is highly driven by economic activity and economic announcements.

3 Year Bond Yield - Recent Bond Yield Changes & Impact on Qualification





Comments:

- 3-Year bond yields reached a peak in October 2023.
- Since October, they have fluctuated in a range of 3.5% to 4.3% in response to changing expectations on when and by how much the Bank of Canada will reduce rates.
- Yields are currently at the lowest level since May 2023.
- Looking for a longer time horizon chart? Please reach out to a member of the Outline team.

Recent Economic Reports / Releases and Upcoming Dates to Watch



Key Past & Future Economic Dates:

Key Dates to Analyze and/or Watch

July 5th - Jobs Report - Canada (Reported)

July 11th - US - CPI / Inflation (Reported)

July 16th - Canada - CPI / Inflation (Reported)

July 24th - Canada BoC Rate Announcement (Reported)

July 31st - US - Fed Rate Announcement (Upcoming)

Aug 9th – Jobs Report – Canada (Upcoming)

Aug 20th - Canada - CPI / Inflation (Upcoming)

Why are these dates important? Refer to blog post below: https://www.outline.ca/2024-economic-calendar-important-dates/



2024 Economic Calendar: Important Dates

January	February	March
5 ^h -	9 ⁶ -	6 ^h -
April	May	June
5 ⁶ - Jobs Report 10 ⁶ - Bank of Canada Rate 10 ⁶ - CPI/Inflation	1" - Fed Rate 10" - • Jobs Report 15" - CPI/Inflation	5 ^h -

July	August	September	
5 ⁶ - ■◆■ Jobs Report	9 ⁶ - ■◆■ Jobs Report	4 ⁶ - ■◆■ Bank of Canada Rate	
116 - CPI / Inflation	14 ⁶ - CPI / Inflation	6 ⁶ - I ♦ I Jobs Report	
16th - ■◆■ CPI/Inflation	20 th - ■◆■ CPI/Inflation	11* - E CPI/Inflation	
24 ⁶ - ▮♦∥ Bank of Canada Rate	30 [±] - ■◆■ GDP (monthly report)	17 ⁶ - ■◆■ CPI / Inflation	
31≠- ■◆■ GDP (monthly report)	30* - ■◆■ GDP (quarterly report)	184 - Fed Rate	
31# - Fed Rate		27 th - ■◆■ GDP (monthly report)	

31#- GDP (quarterly report)

October	November	December	
10 ⁶ - CPI / Inflation 11 ⁶ - Jobs Report	7 ⁶ -	6 ⁶ - • Jobs Report 11 ⁶ - • Bank of Canada Rate 11 ⁶ - CPI/Inflation	
15 th -	19 th - ■◆■ CPI/Inflation 29 th - ■◆■ GDP (monthly report)	176 - CPI/Inflation 186 - Fed Rate	
	29 th - ■◆■ GDP (quarterly report)	23rd - ■◆■ GDP (monthly report)	

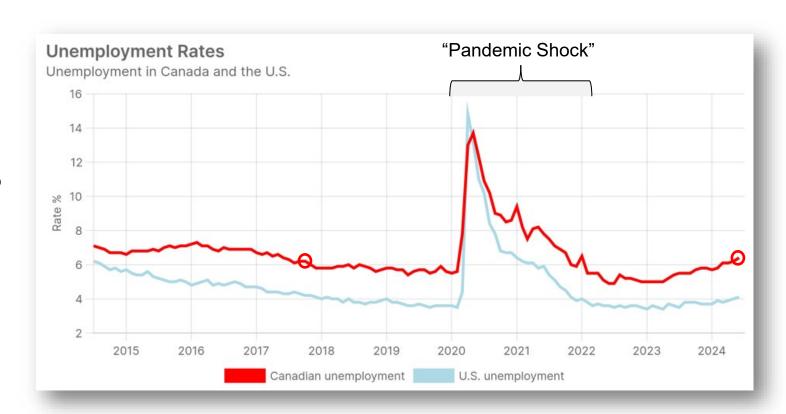
30th - ■◆■ GDP (monthly report)

286 - GDP (monthly report)



July 5th - Canadian Labour Markets Continuing To Cool

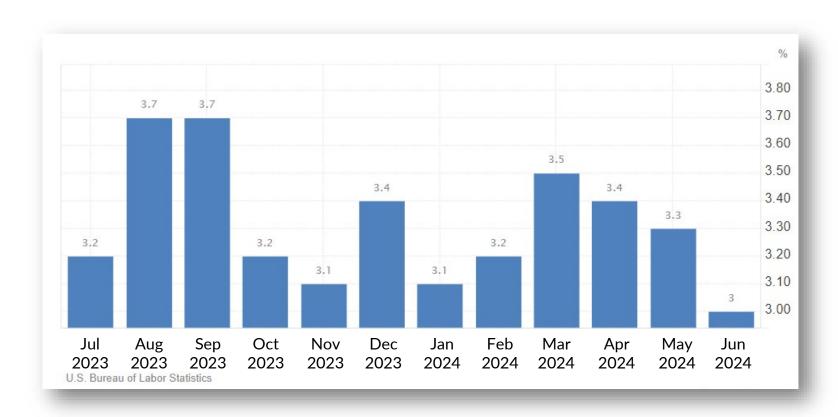
- Unemployment rate up to 6.4%, the highest reading since October 2017 (outside of the pandemic shock).
- Rate of monthly layoffs has continued to creep higher and was up 20% from a year ago in June.
- Average hourly earning remained firm, rising
 5.4% from a year ago.
- The BoC will be watching the potential inflationary impact of wage growth closely, but slowing hiring demand and rising supply of unemployed workers means that wage growth is most likely to move lower





July 11th - Downside Surprise in US June Inflation Report

- Headline CPI growth in the U.S. was 3.0% for June (below forecast of 3.1% and down from 3.3% in May).
- A second U.S. CPI downside surprise in a row has added to market odds for a first rate cut from the Federal Reserve this September.



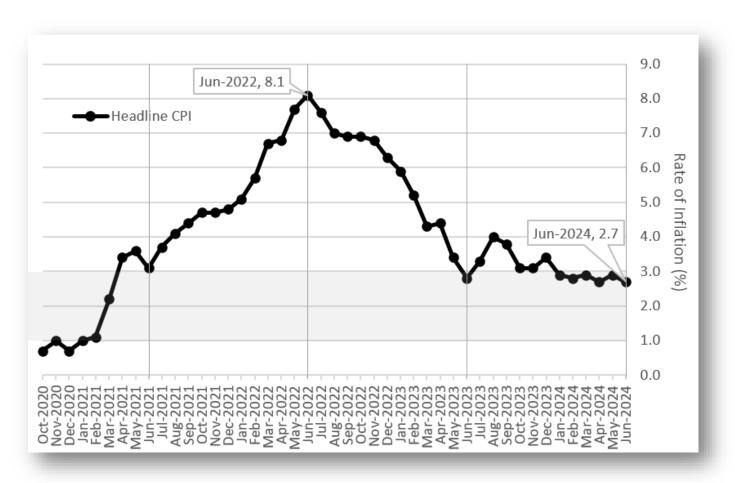
Recent News - CPI / Inflation Update (July 16th, 2024 Report)



July 16th - Canada's headline inflation rate was +2.7% for June 2024

- Lower than market forecast
- Lower than previous month (May was +2.9%)
- CPI Trim & Median were both under 3% (2.9% and 2.6%)
- Mortgage costs continue to be the largest contributor

Main contributors to the	June 2023 to
12-month change (Source: StatsCan)	June 2024
Main upward contributors	% Change
Mortgage interest cost	22.3
Rent	8.8
Homeowners' home and mortgage insurance	5.6
Passenger vehicle insurance premiums	8.1
Main downward contributors	
Telephone services	-9.3
Digital computing equipment and devices	-9.3
Traveller accommodation	-8.7





Updated Mortgage Arrears Data

Data Source: Canadian Bankers Association **Reference Period:** Up to April 30, 2024

Release Date: July 5, 2024





Canada arrears was 0.18% as of month ended April 30, 2024

CANADIAN BANKERS ASSOCIATION

DB50 PUBLIC

Number of Residential Mortgages in Arrears

Month Ended April 30, 2024			
LOCATION	Total Number of Mortgages	Number of Mortgages in Arrears*	% of Arrears to Total Number of Mortgages
ATLANTIC	344,196	888	0.26%
QUEBEC	944,561	1,528	0.16%
ONTARIO	2,190,340	2,856	0.13%
MANITOBA	119,291	351	0.29%
SASKATCHEWAN	126,412	710	0.56%
ALBERTA	588,662	1,825	0.31%
BRITISH COLUMBIA	704,078	1,094	0.16%
TERRITORIES	10,333		
CANADA	5,027,873	9,252	0.18%

Includes data from BMO, CIBC, National Bank of Canada, RBC Royal Bank, Scotiabank, TD Canada Trust,

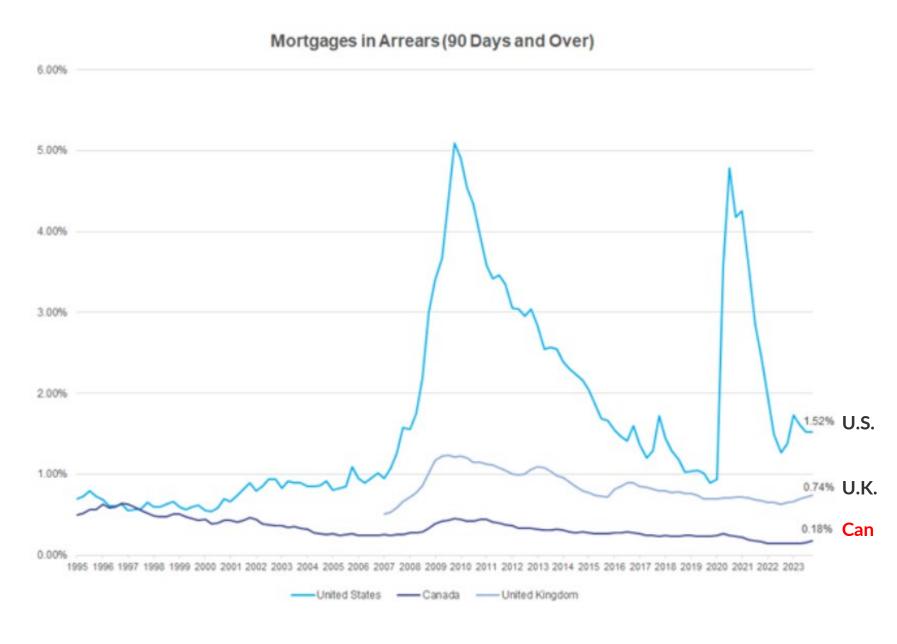
Canadian Western Bank, Manulife Bank (as of April 2004), Laurentian Bank (as of October 2010), Equitable Bank (as of November 2020)

^{*} Mortgage arrears is three or more months

^{**} Data for Yukon included in British Columbia. Data for NWT and NU included in Alberta.



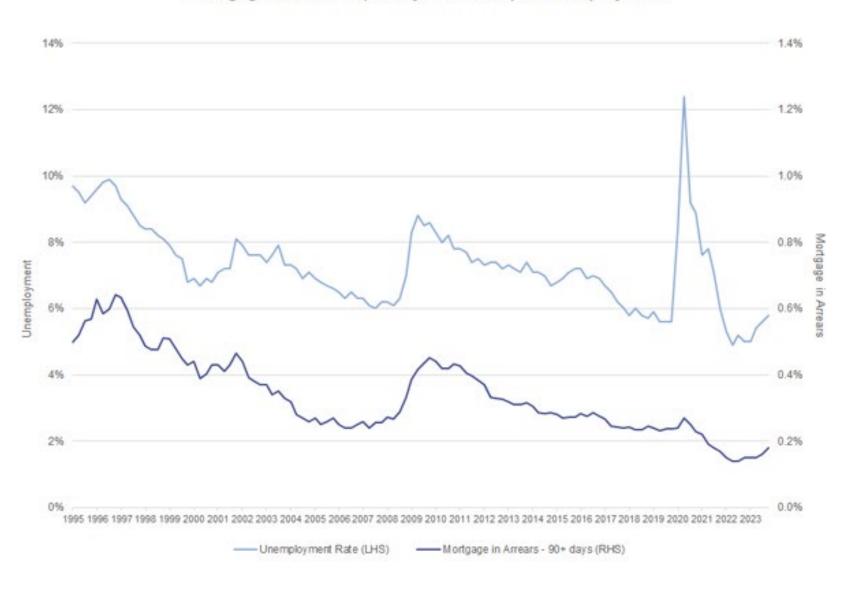
- Canada's percentage of mortgages in arrears is significantly lower than in the US and UK.
- Despite current economic environment, mortgages in arrears in Canada (0.18%) are at the lowest level in decades.





Mortgages in Arrears (90 Days and Over) vs Unemployment

- Canada borrowers have consistently maintained low arrears even throughout the challenging periods such as the Global Financial Crisis and the COVID-19 pandemic.
- Payment arrears are driven primarily by employment conditions and major changes in life circumstance that can cause an unexpected loss to a significant portion of household income.



Mortgage Arrears - Most Recent Data Published July 5, 2024



Ontario arrears was 0.13% as of month ended April 30, 2024 The lowest arrears rate when comparing locations below:

CANADIAN BANKERS ASSOCIATION

DB50 PUBLIC

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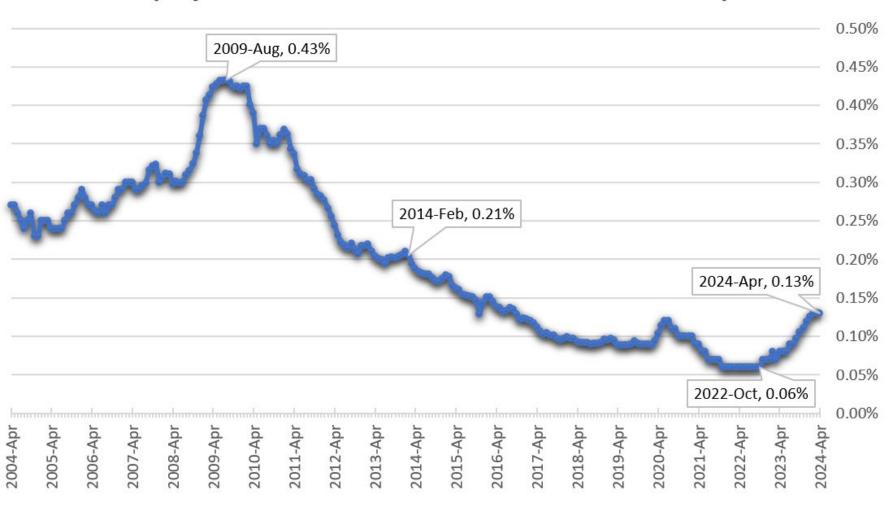
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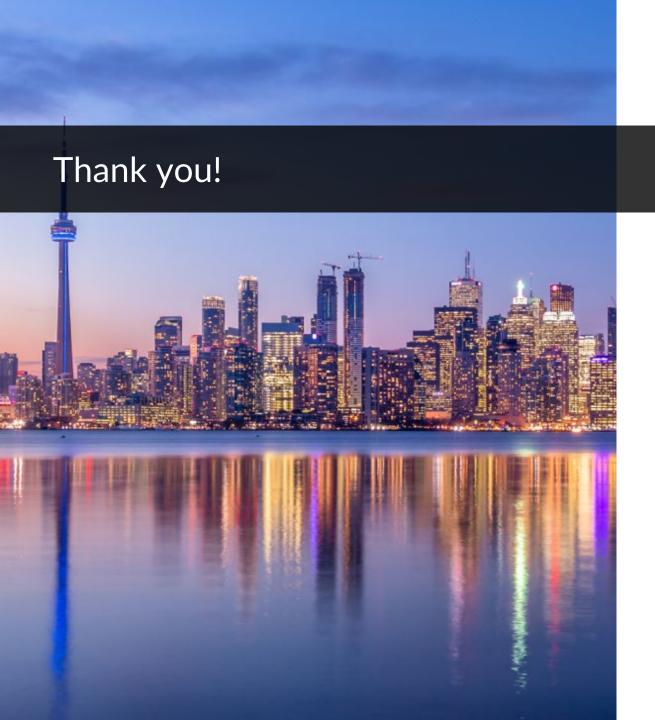
^{**} Data for Yukon included in British Columbia. Data for NWT and NU included in Alberta.



% of Mortgages In Arrears - Ontario (Payments overdue for three or more months)

 While the arrears rate remains extremely low in Ontario, is has risen from a low of 0.06% in October 2022 to the current 0.13% in April 2024.







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