

RBC Debt Capital Markets

Canadian Public Sector Debt Market Update

December 2025

STRICTLY PRIVATE AND CONFIDENTIAL



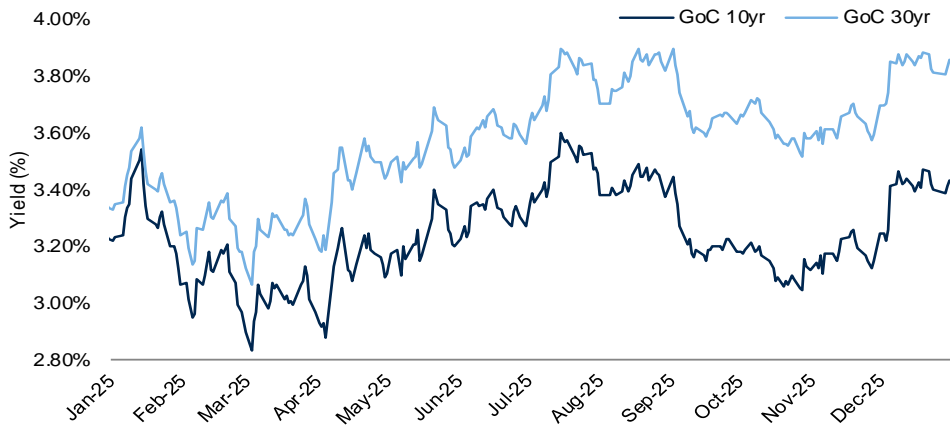
Capital
Markets

Canadian Public Sector Market Update

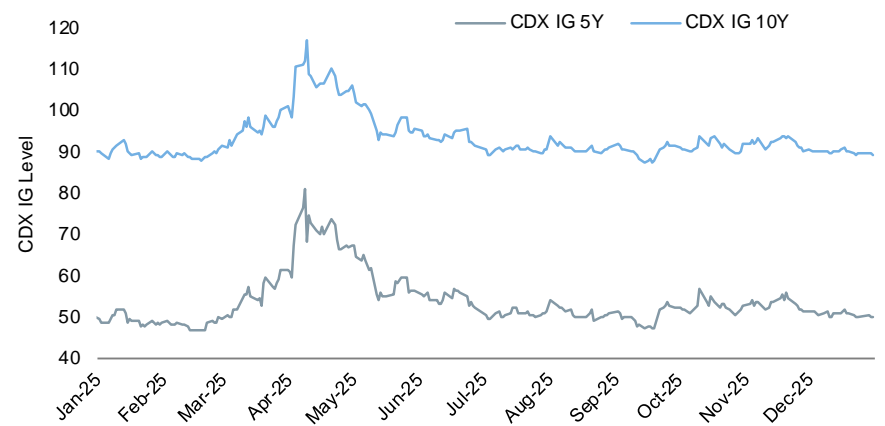
Aggregate Supply Eclipses Last Year's Record

- In 2025 markets navigated heightened volatility amid US trade tensions, geopolitical instability and a six-week US government shutdown. Despite this, equities posted strong performance as key growth drivers included robust AI capital deployment, ongoing monetary policy easing, and expanded fiscal spending
- The BoC cut rates by 100 bps across 4 meetings this year and the GoC curve steepened significantly. Looking ahead, RBC sees slightly flatter curves across all segments with the monetary policy factor (flatter) outweighing the term premium factor (steeper), we expect the BoC to hold its policy rate at 2.25% throughout 2026
- Credit spreads tightened throughout the year and remain near multi-year tightness across sectors and rating categories, despite a notable disruption in April with Liberation Day volatility creating a temporary lull in activity
- USD weakness continued to act as a downside risk to CAD with moderately stronger CAD expected for 2026. Global oil prices have declined amid uncertainty surrounding global growth and rising OPEC production, pressuring price expectations for 2026. Precious metal stole the show this year with silver and platinum up 145% and 135% YoY as investors flight to safe-haven assets amid volatile rates environment and heightened geopolitical tension

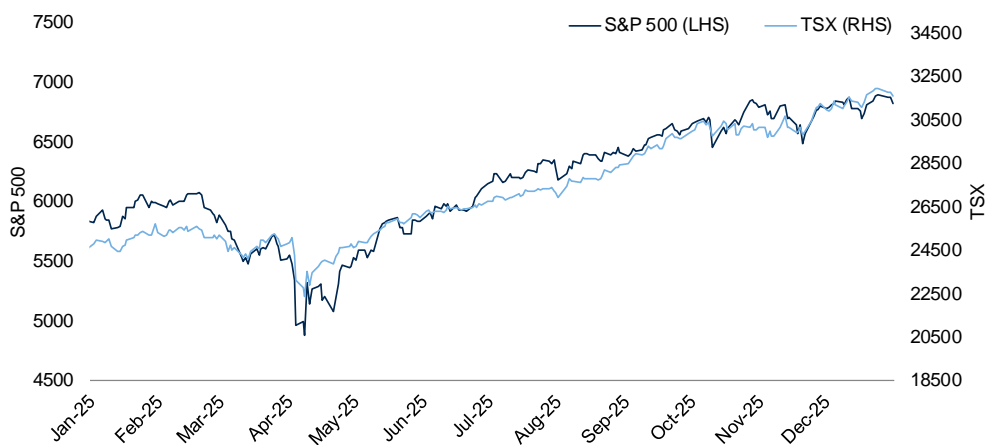
Rates



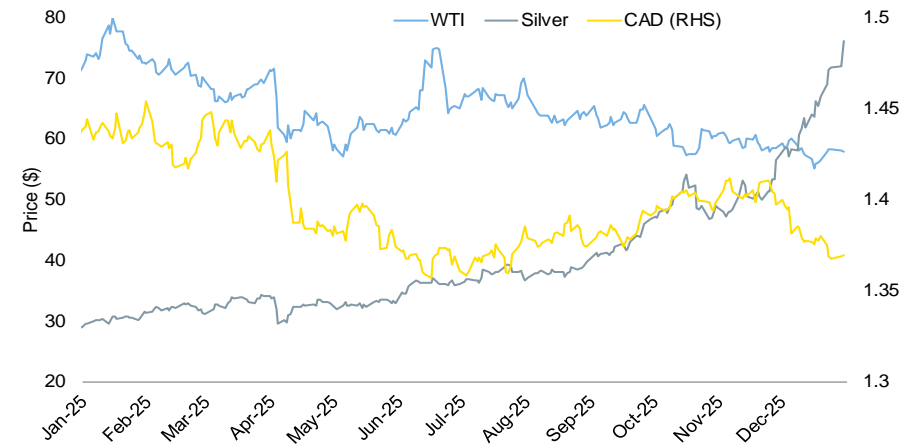
Credit Markets



Equity Markets



Commodities & Currency



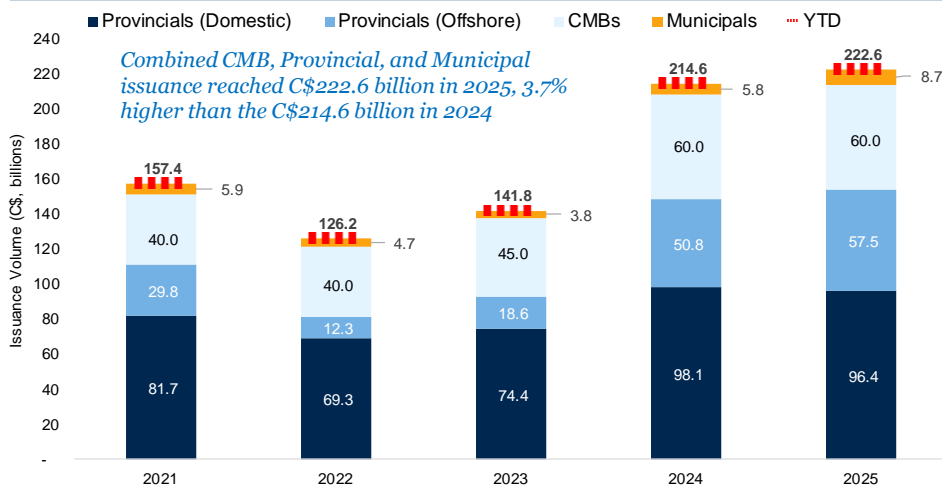
Canadian Public Sector Market Update

Combined Issuance Volumes

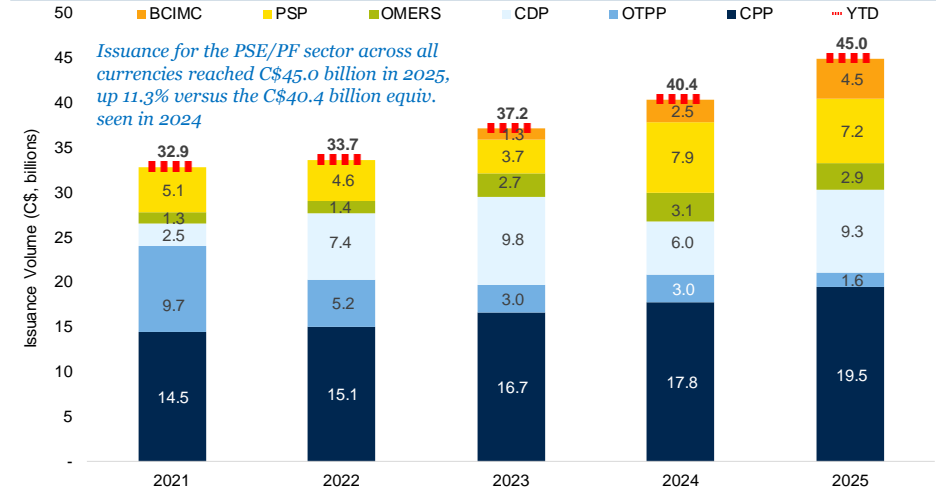
Aggregate Supply Refreshed Last Year's Record

- Issuance across all currencies and sectors stands at C\$294.4 billion equiv. in 2025, surpassing 2024's record to mark the most active year ever by volume
- Canadian PSE/PF supply continues to grow, with C\$45 billion equiv. completed this year across 5 currencies, representing a new record year for the sector
- 2025 Issuance across CMB, Municipal & Agency, and Provincial sectors topped 2024's record setting figures (+3.7% YTD) to reach C\$222.6 billion equiv.

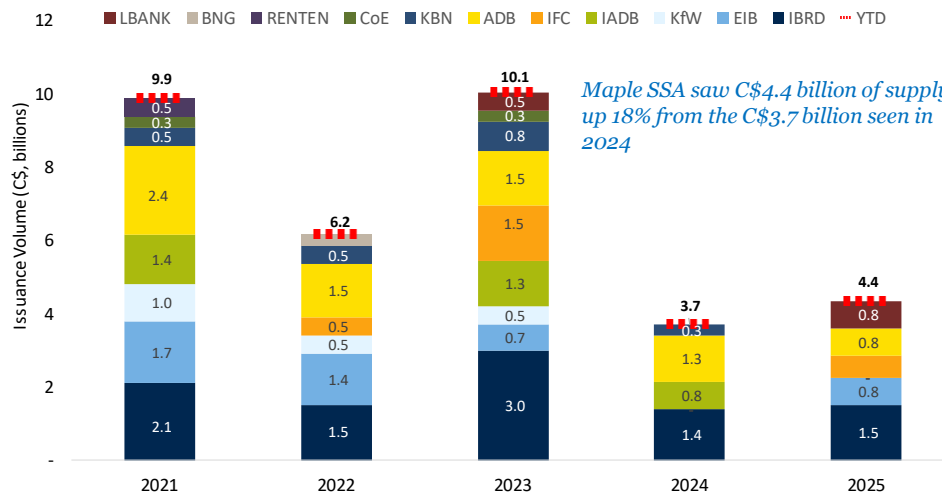
CMB, Municipal, and Provincial Total Issuance (All Currencies)



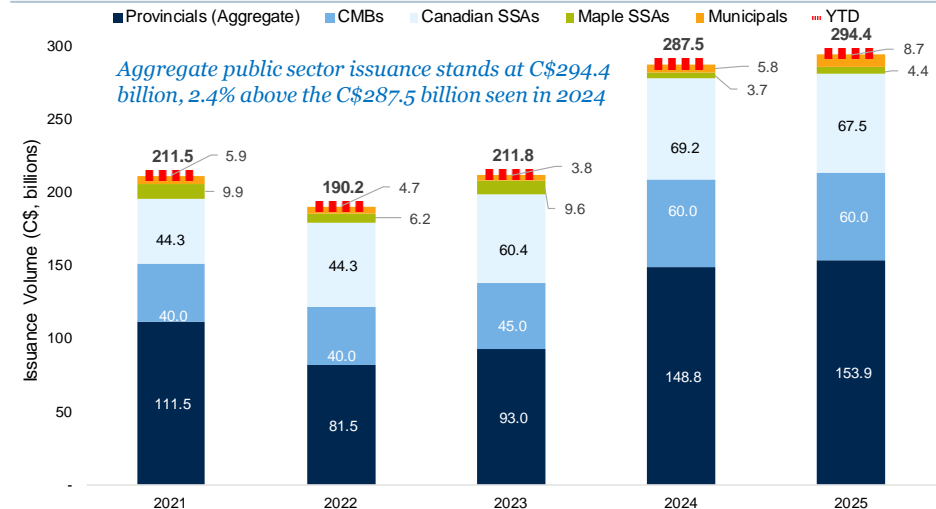
Canadian PSEs and Pension Funds Total Issuance (All Currencies)



Maple SSA Total Issuance (CAD)



Aggregate Public Sector Total Issuance (All Currencies)*



2 Source: RBC Capital Markets as of December 31, 2025
*Incl. EDC, Government of Canada syndicated issuance, and Federally Guaranteed offerings (Muskrat Falls)

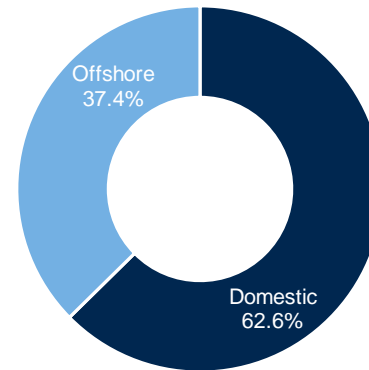
Canadian Public Sector Market Update

2025 Provincial Borrowing Overview

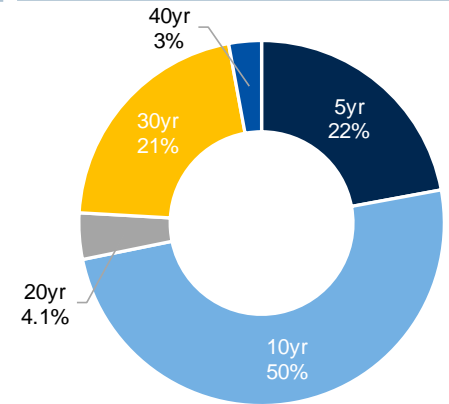
Provincial Borrowing Highlights of 2025

- **Issuance for the calendar year:** ~C\$153.9 billion in total across offerings in CAD, USD, EUR, GBP, CHF, and AUD
- **Domestic vs Offshore:** 62.6% of issuance was domestic, totaling C\$96.4 billion vs. C\$57.5 billion equiv. completed in offshore markets. This surpassed 2024's record to represent the most active year for provincial offshore issuance
- **Offshore Currencies issued:** A total of C\$57.5 billion, including US\$23.5 billion across 10 transactions, €11.5 billion across 11 transactions, AUD 3.2 billion across 3 transactions, CHF 1.3 billion across 5 transactions and GBP 750 million across one transaction
- **Concentration:** Provincial issuance was highly concentrated in January, May, June, and August as issuers continued to navigate market volatility as well as seasonal factors

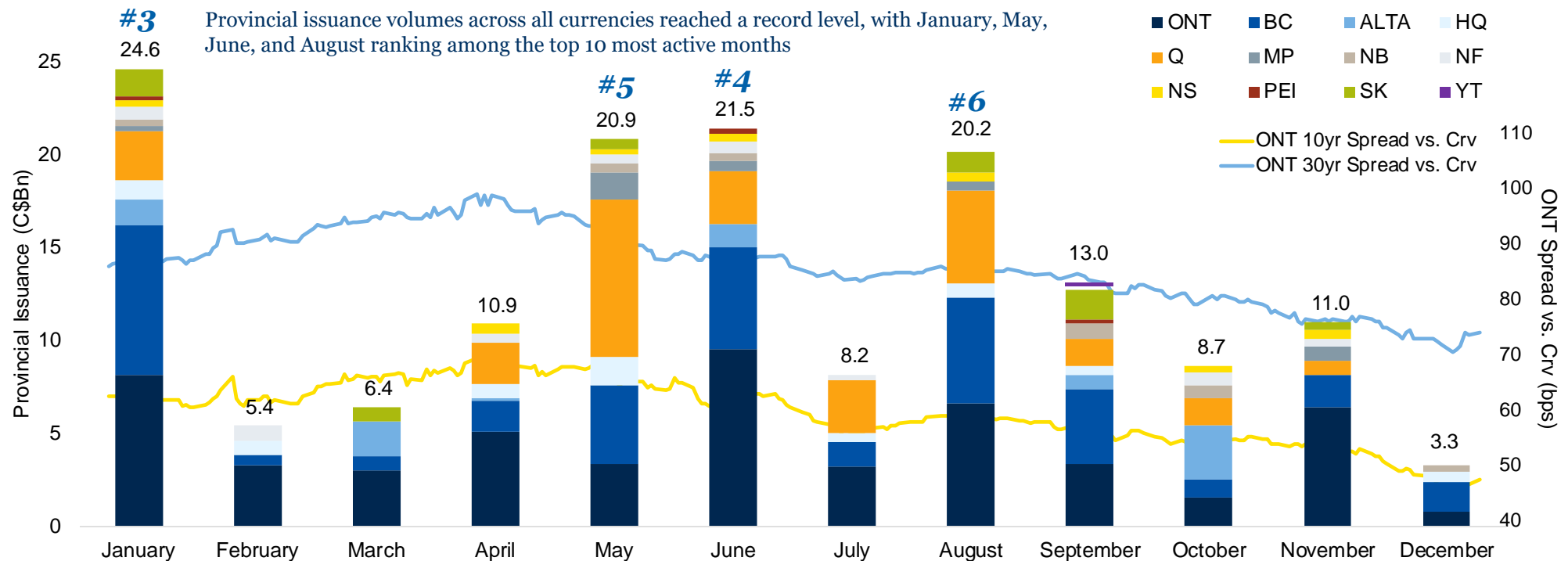
Domestic vs. Offshore



Issuance by Term (All Currencies)



Issuance Volume (All Currencies) by Month vs Spread moves to GoC



Canadian Public Sector Market Update

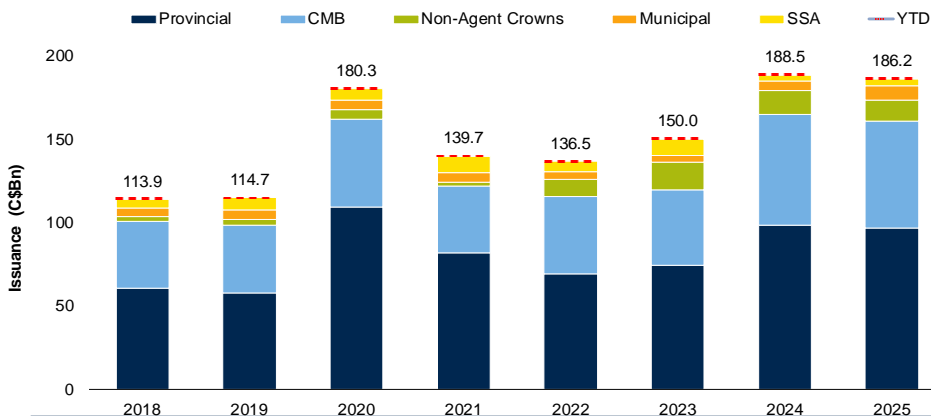
Domestic Public Sector Issuance (December 2025)

<p>Ontario spreads mixed across the curve</p> <p>Provincial credit spreads were 4bps tighter in 10-years and 0.5bps tighter in 30-years</p>	<p>Domestic issuance of C\$12.2 billion</p> <p>In line with December 2024 issuance</p>	<p>10-year is term of preference</p> <p>10s account for 51% of provincial supply in 2025</p>
--	---	---

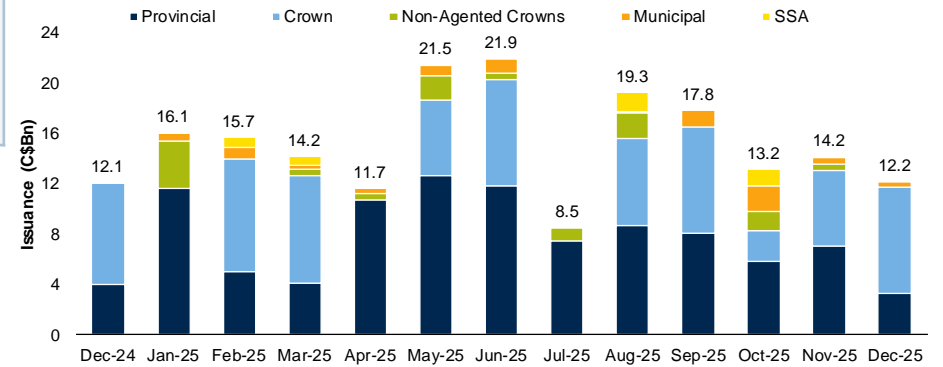
December added C\$12.2 billion to bring 2025 total to C\$186.2 billion

- December saw 8 issuances for C\$12.2 billion of domestic funding. Issuers remained active through the first half of the month ahead of the quiet holiday period
- Domestic public sector supply totaled C\$186.2 billion in 2025, coming off the record C\$188.5 billion seen in 2024, though well above the average of C\$142 billion seen between 2021-2023
- Canada Housing Trust completed its 8th and final trade of 2025 with a C\$8.5 billion 5-year re-opening to bring total funding on the year to C\$60.0 billion
 - CMB is set to increase their borrowing program to C\$80 billion in 2026 (C\$50 billion public float/C\$30 billion BoC purchase)
- Provincial issuance totaled C\$3.3 billion across 4 offerings with the majority of the supply in longs
- The municipal and agency market saw 2 new issues for C\$394 million in total, bringing the full year supply to C\$3.3 billion which marked the most active year ever
- Canadian PSE/PF issuers were quiet in December after an eventful year, with 2025 full year supply reached a new record at C\$45 billion equiv.
- Looking ahead, January has historically been an active month and we would anticipate that issuers will look to get off to a strong start in 2026

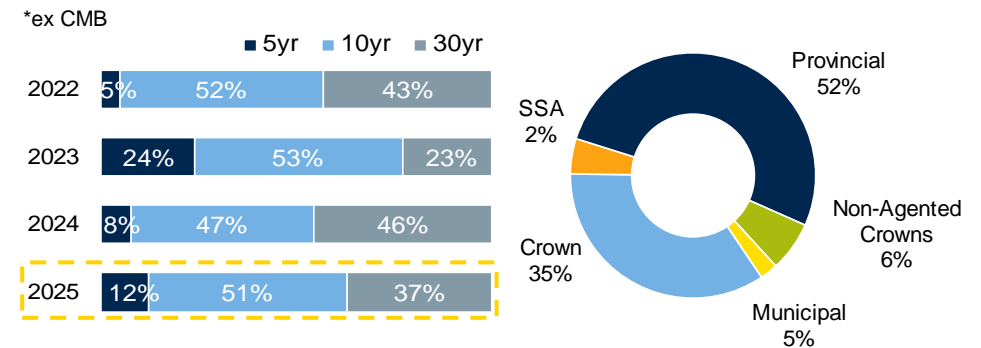
Public Sector New Issue Supply (Domestic Issuance)



Domestic Public Sector Issuance (Monthly)



Provincial Term Structure and Domestic Sector Supply (2025)



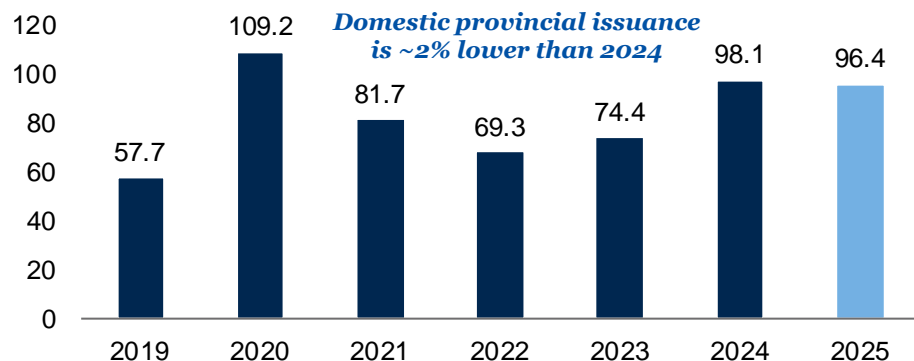
Domestic Public Sector Issuance List (December 2025)

#	Trade Date	Issuer	Ratings (D/M/S)	Size (C\$mm)	Term Bucket	Maturity	Spread	Coupon
1	12-Dec-25	Canada Housing Trust	AAA/Aaa/AAA	8,500	5	15-Dec-30	GoC+12.0	2.85%
2	09-Dec-25	Province of British Columbia	AA (High)/Aa1/A+	900	30	18-Jun-57	GoC+77.5	4.60%
3	04-Dec-25	Province of New Brunswick	A (High)/Aa1/A+	400	30	03-Dec-56	GoC+83.5	4.55%
4	03-Dec-25	City of Montreal	A (High)/Aa2/AA	360	10	01-Sep-35	GoC+66.5	3.90%
5	03-Dec-25	Hydro-Quebec	AA (Low)/Aa2/A+	500	40	15-Feb-65	GoC+79.0	4.00%
6	02-Dec-25	Province of British Columbia	AA (High)/Aa1/A+	750	10	18-Jun-35	GoC+49.5	4.00%
7	02-Dec-25	City of Guelph	-/-/AAA	34	1-20	Serial	-	4.70%
8	02-Dec-25	Province of Ontario	AA/Aa3/AA-	750	30	02-Dec-56	GoC+71.5	4.45%
				12,194				

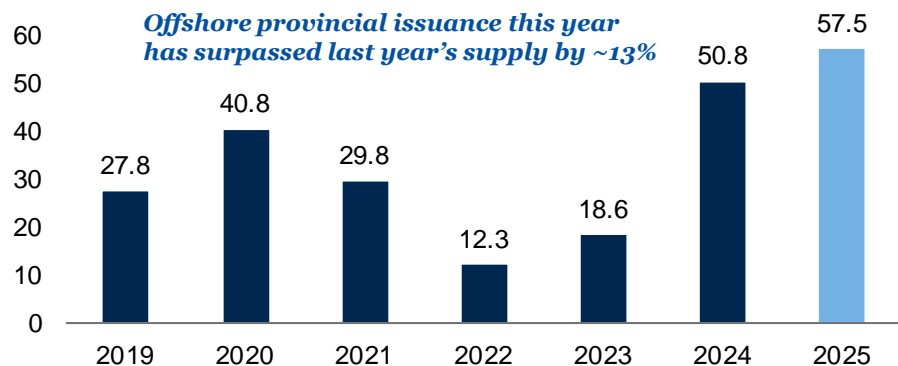
Canadian Public Sector Market Update

Provincial Borrowing Update

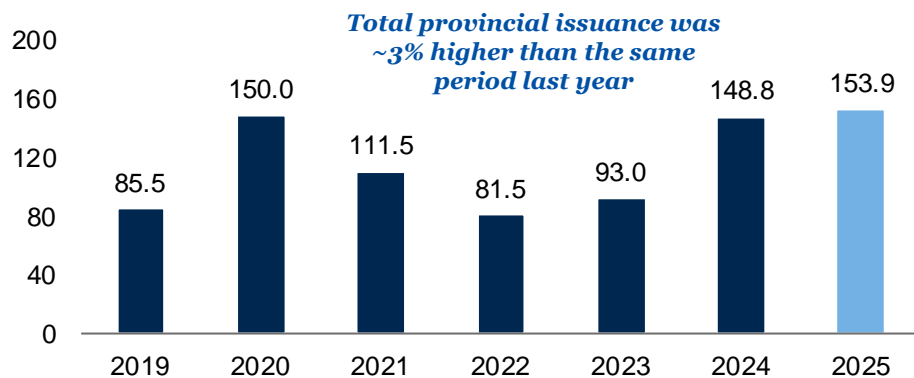
Provincial Domestic Issuance (January – December)



Provincial Offshore Issuance (January – December)



Total Provincial Issuance (January – December)

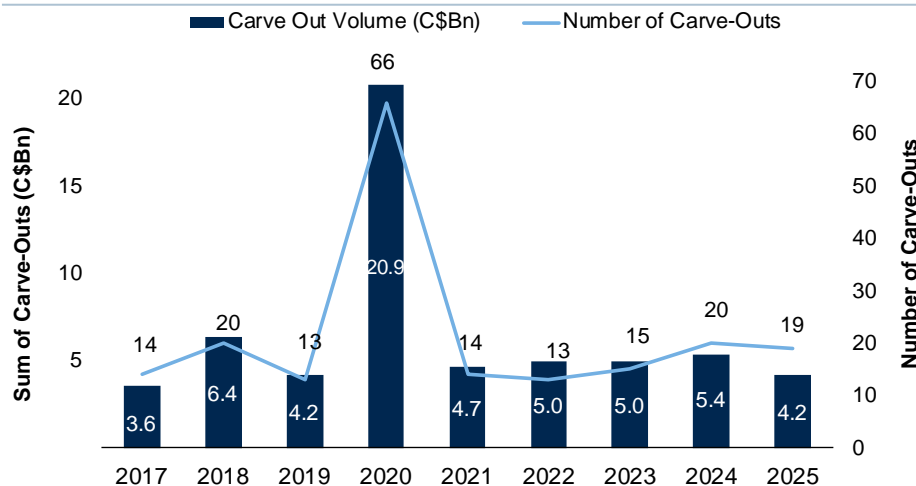


Carve-Out Update

- The Province of British Columbia issued a C\$900 million 30-year re-opening including a C\$300 million carve out
- In total, there were 19 carve-outs for C\$4.15 billion in 2025, 20% less than the notional amount issued in 2024
 - The most active month for carve-outs in 2025 was in May which saw C\$1.3 billion across 6 trades

	2025		2024		2023	
	(C\$MM)	# Carve Outs	(C\$MM)	# Carve Outs	(C\$MM)	# Carve Outs
Ontario	900	2	3,700	8	3,350	6
Quebec	-	-	-	-	-	-
Alberta	200	1	-	-	-	-
British Columbia	1,600	5	300	1	300	1
Manitoba	550	5	500	3	500	4
Newfoundland & Lab	500	4	465	5	300	1
New Brunswick	-	-	-	-	-	-
Saskatchewan	150	1	200	2	100	1
Hydro Quebec	-	-	-	-	-	-
CPPIB	250	1	200	1	400	2
MFABC	-	-	-	-	-	-
Grand Total	4,150	19	5,365	20	4,950	15

Historical Number of Carve-Outs and Sum of Volumes

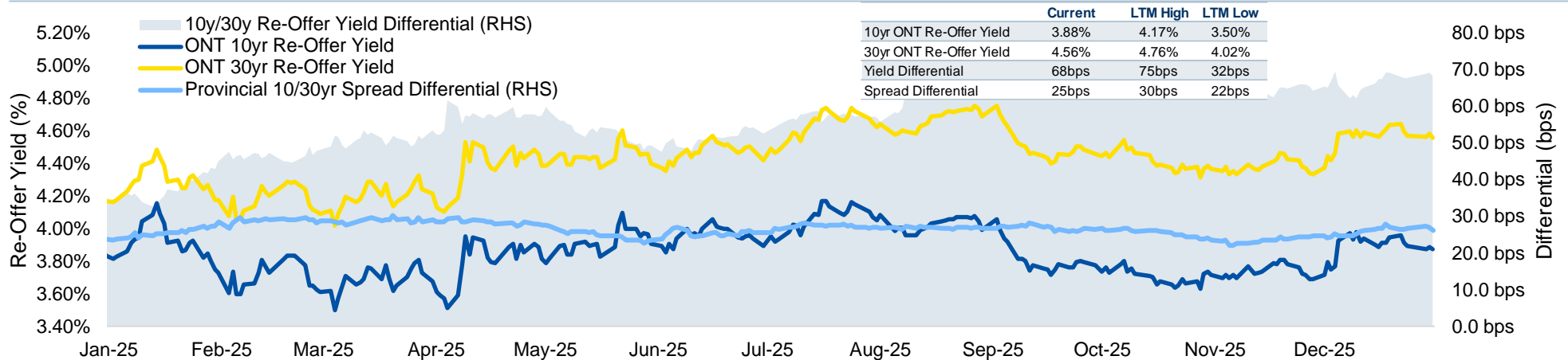


CMB & Provincial Re-Offer Yields

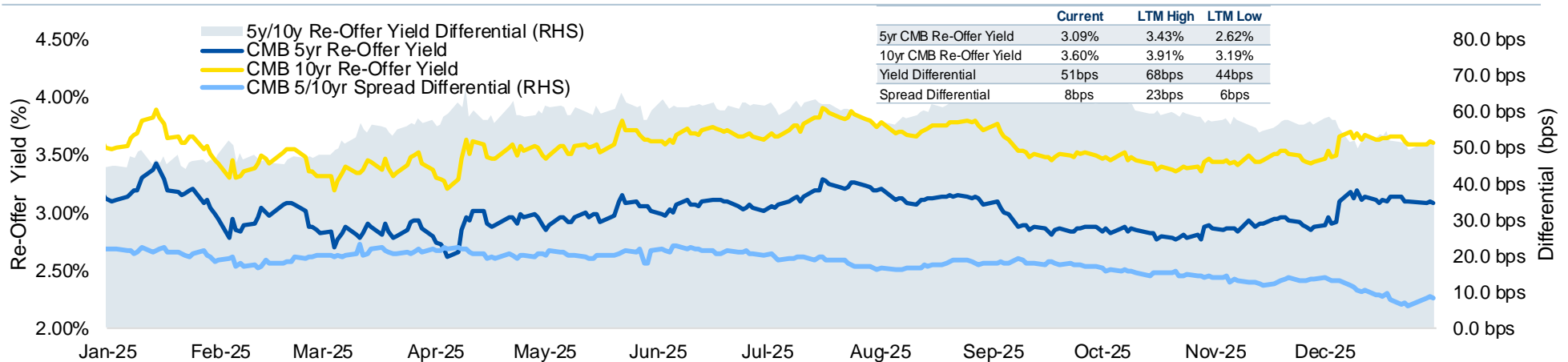
Provincial Curve Steepened While CMB Yields Remained Flat

- The 10-year outperformance continued into December with the steeper Ontario 10s/30s box outweighed the flattening GoC curve, pushing the Ontario re-offer yield curve steeper on the month
 - However, the prolonged steepness in the Canada curve this year has helped to drive good investor demand for long-end product, pushing 30-year Ontario spreads 13bps tighter YoY to its tightest point in over a decade
- The similar 10-year performance was seen in CMBs as well, with the 5s/10s CMB box remained at the flattest levels since 2023. CMB yield curve also flattened despite the steepening move in the underlying GoC curve
 - CMBs outperformed Ontario in the 10-year part of the year in 2025, with CMB/ONT spreads widened by 1bp in 10s and tightened 4.5bps in 5s

Provincial Re-Offer Yields



CMB Re-Offer Yields

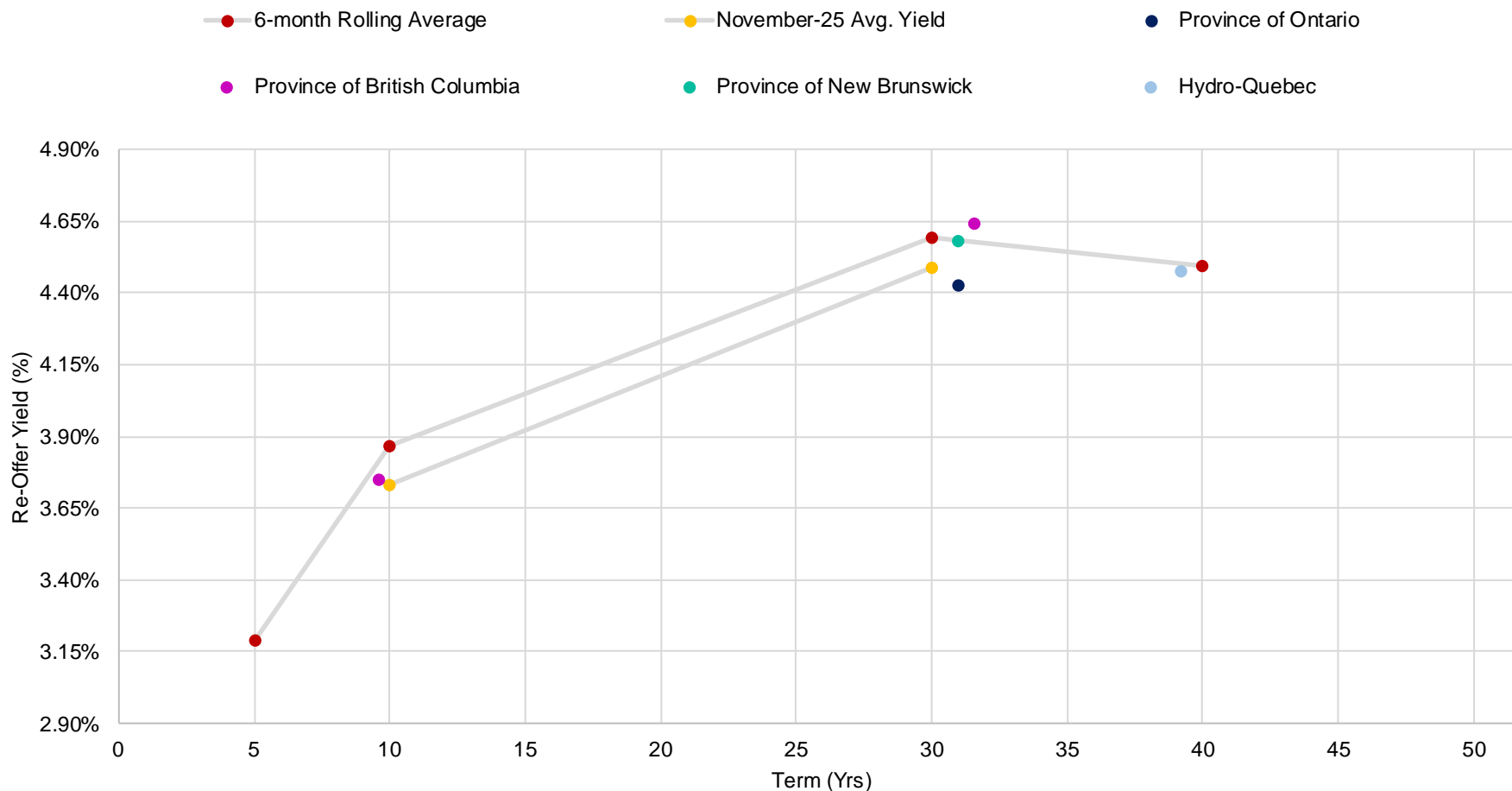


Provincial Issuance Re-Offer Yield Dot-Plot

Re-Offer Yields Shift Modestly Higher in December

- Rates sold off in December as firmer jobs data and stable inflation readings rearranged market expectations for BoC's policy rate trajectory in 2026, GoCs were up near 20bps MoM, bringing provincial re-offer yields above November's average
- Majority of the provincial supply were in longs, the 30-year re-offer yields were in a similar range with the rolling 6-month average and November's level
- The differentials on a month-to-month basis are influenced by the timing of transactions

Provincial Issuance Re-Offer Yield Dot-Plot (December 2025)

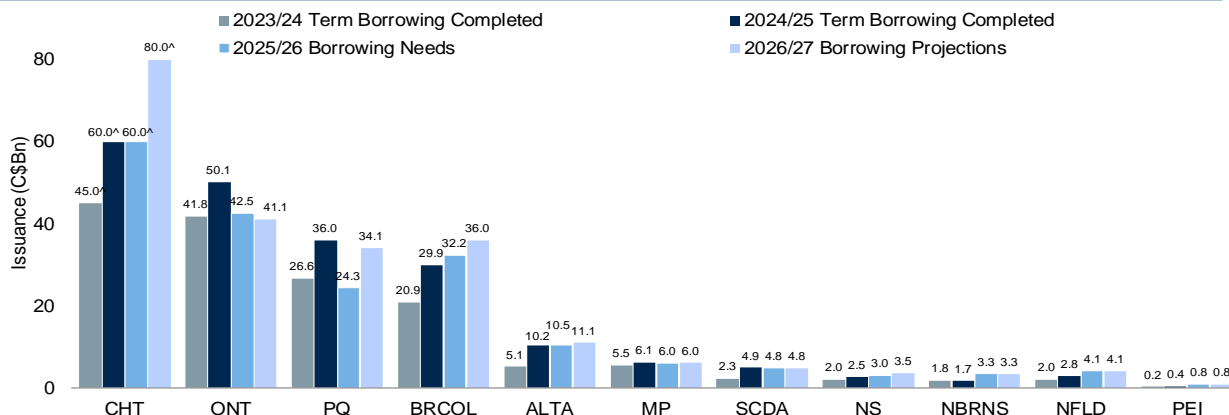


Domestic Public Sector Issuance (New Borrowing Needs)

Provincial Borrowers Holding A Strong Position into the New Year and New Updates Leading to Higher Crown Borrowing

- Provincial borrowers have completed C\$115.5 billion (87.8%) of their total borrowing programs despite being just 75% through the fiscal year, holding them in an exceptionally strong position heading into the last quarter of 2025/26
- Borrowers are on average at over 80.1% funded, with Quebec the first to complete their borrowing program (102.2%) followed by Ontario having completed 92.9% so far
 - The Province of Quebec will continue to issue to carry out pre-financing and reduce the volume of the program for 2026/27
- Borrowing programs for provincial issuers total C\$131.5 billion in 2025/26
- Issuers in the PSE/PF sector have completed C\$43.9 billion equiv. this funding year, surpassing 2024 funding year's supply by C\$4.4 billion equiv.
- The Canada Housing Trust still holds the largest CAD borrowing program aside from the GoC. CMB is set to increase their borrowing program to C\$80 billion in 2026 (C\$50 billion public float/C\$30 billion BoC purchase)

Public Sector Borrowing Requirements vs. 2023/24 & 2024/25 Term Borrowing Completed



Public Sector Borrowing Requirements^{1, *}

Canadian Public Sector Borrowing Requirements

Issuer	2024 (GY24/25) Program C\$B	2024 (GY24/25) Completed C\$B	Stated Program 2025/26 (C\$B)†	% Change	Change (\$B)	Completed Borrowing (C\$B)	Completed Borrowing (%)	Remaining Borrowing (C\$B)
Ontario	37.5	50.1	42.50	+13.3%	+5.0	39.5	92.9%	3.0
Québec	29.5	36.0	24.29	(-17.7%)	(-5.2)	24.8	102.2%	-
British Columbia	29.2	29.9	32.21	+10.3%	+3.0	27.8	86.3%	4.4
Alberta	10.2	10.2	10.50	+2.9%	+0.3	6.8	65.1%	3.7
Manitoba	6.2	6.1	6.00	(-3.2%)	(-0.2)	2.9	48.3%	3.1
Saskatchewan	4.3	4.9	4.82	+12.1%	+0.5	4.3	90.2%	0.5
New Brunswick	1.6	1.7	3.34	+108.4%	+1.7	2.8	84.1%	0.5
Nova Scotia	2.6	2.5	2.97	+14.3%	+0.4	2.6	87.6%	0.4
Prince Edward Island	0.4	0.4	0.80	+100.0%	+0.4	0.5	62.3%	0.3
Newfoundland	2.8	2.8	4.10	+46.4%	+1.3	3.4	82.2%	0.7
Provincial Total:	124.3	144.6	131.5†	5.8%	Net: +7.2	115.5	87.8%	16.6
Canada Housing Trust	60.0	60.0	60.0	-	-	60.0	100.0%	0.0

Issuer	2022 (C\$B)	2023 (C\$B)	2024 (C\$B)	2025 (C\$B)
CPPIB	15.1	16.7	17.8	19.5
CADEPO	7.4	9.8	6.0	9.3
Ontario Teachers	5.2	3.0	3.0	1.6
PSP (Mar Funding Year)	3.8	4.8	7.0	6.1
OMERS	1.4	2.7	3.1	2.9
BCIMCO	0.0	1.3	2.5	4.5
Total:	32.9	38.3	39.5	43.9

1. Completed borrowing amounts are based on transaction settlement dates

*RBC estimate, †Program amounts net of pre-borrowing, ^CHT's reporting period runs on a calendar year basis (2023/24 refers to 2024, 2024/25 refers to 2025, and 2025/26 refers to 2026), #Deltas are 2023/24 Stated Program vs. 2024/25 Stated Program

*Newfoundland's borrowing requirements do not include funding for Newfoundland Hydro, and New Brunswick's borrowing requirements do not include funding for New Brunswick Municipal Finance Corporation

Canada Mortgage Bonds Update

CHT Printed Final Offering of 2025 to Complete the C\$60 billion Program

- On December 12, 2025, Canada Housing Trust (“CHT”) priced a C\$8.5 billion Dec 15, 2030 re-opening at CAN 2.75 1Sep30 +12.0bps. C\$4.25 billion (50%) was purchased by the Gov’t of Canada
- The transaction marked CHT’s eighth and final transaction of the year, closing out the total borrowing at C\$60 billion as expected
- The offering saw final demand of C\$5.179 billion (1.22x oversubscribed) across the full syndicate
- This transaction saw the third highest level of international participation in a CHT 5-year fixed rate new issue in 2025
- The Canada Budget 2025 reflected an increase to the CMHC borrowing program to C\$80 billion from C\$60 billion with Government purchases remaining constant at C\$30 billion. The increase will inject the market with C\$20 billion throughout the year
- The updated borrowing program will commence with the February 2026 offering

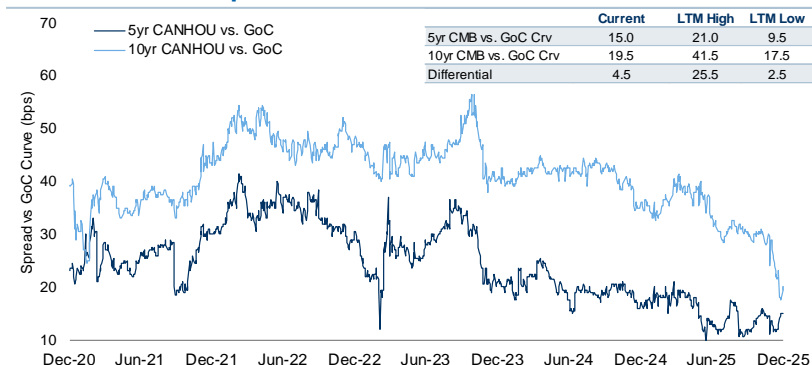
Recent CMB Offerings

Trade Date	Bond Description	Term	Size	Benchmark Spread
12-Dec-25	CANHOU 2.85% 15Dec30	5yr	C\$8.5bn	CAN 2.75% 1Sep30 +12bps
19-Nov-25	CANHOU 3.50% 15Mar35	10yr	C\$6.0bn	CAN 3.25% 1Jun35 +33bps
19-Sep-25	CANHOU 2.85% 15Dec30	5yr	C\$8.5bn	CAN 2.75% 1Sep30 +15bps
14-Aug-25	CANHOU 3.60% 15Sep35	10yr	C\$6.0bn	CAN 3.25% 1Jun35 +32bps
14-Aug-25	CANHOU FRN 15Sep30	5yr	C\$1.0bn	CORRA +37.5bps
13-Jun-25	CANHOU 2.85% 15Jun30	5yr	C\$8.5bn	CAN 2.75% 1Mar30+16bps
14-May-25	CANHOU 3.60% 15Sep35	10yr	C\$6.0bn	CAN 3.25% 1Dec34 +41bps
14-Mar-25	CANHOU 2.85% 15Jun30	5yr	C\$8.5bn	CAN 2.75% 1Mar30 +18bps
13-Feb-25	CANHOU 3.45% 15Mar35	10yr	C\$6.0bn	CAN 3.25% 1Dec34 +35bps
13-Feb-25	CANHOU FRN 15Mar30	5yr	C\$1.0bn	CORRA +37.1bps

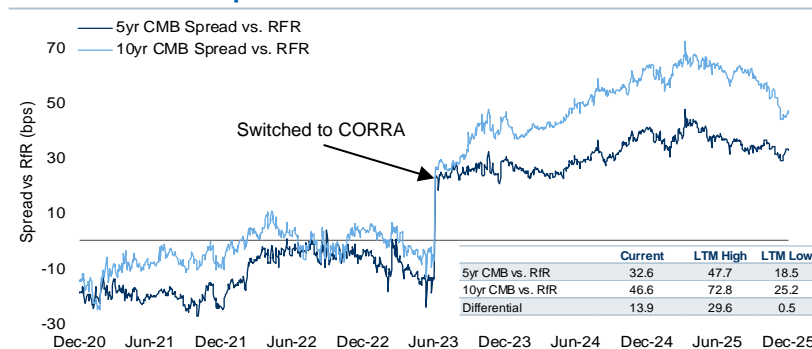
CMB Issuance Calendar (2025)

Term	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5yr Fxd			C\$8.5bn			C\$8.5bn			C\$8.5bn			C\$8.5bn
5yr FRN		C\$1.0bn						C\$1.0bn				
10yr Fxd		C\$6.0bn			C\$6.0bn			C\$6.0bn			C\$6.0bn	

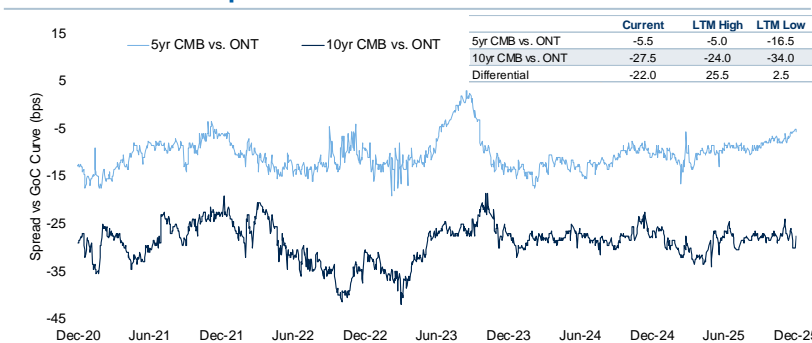
Historical CMB Spread vs. GoC



Historical CMB Spread vs. CORRA



Historical CMB Spread vs. ONT

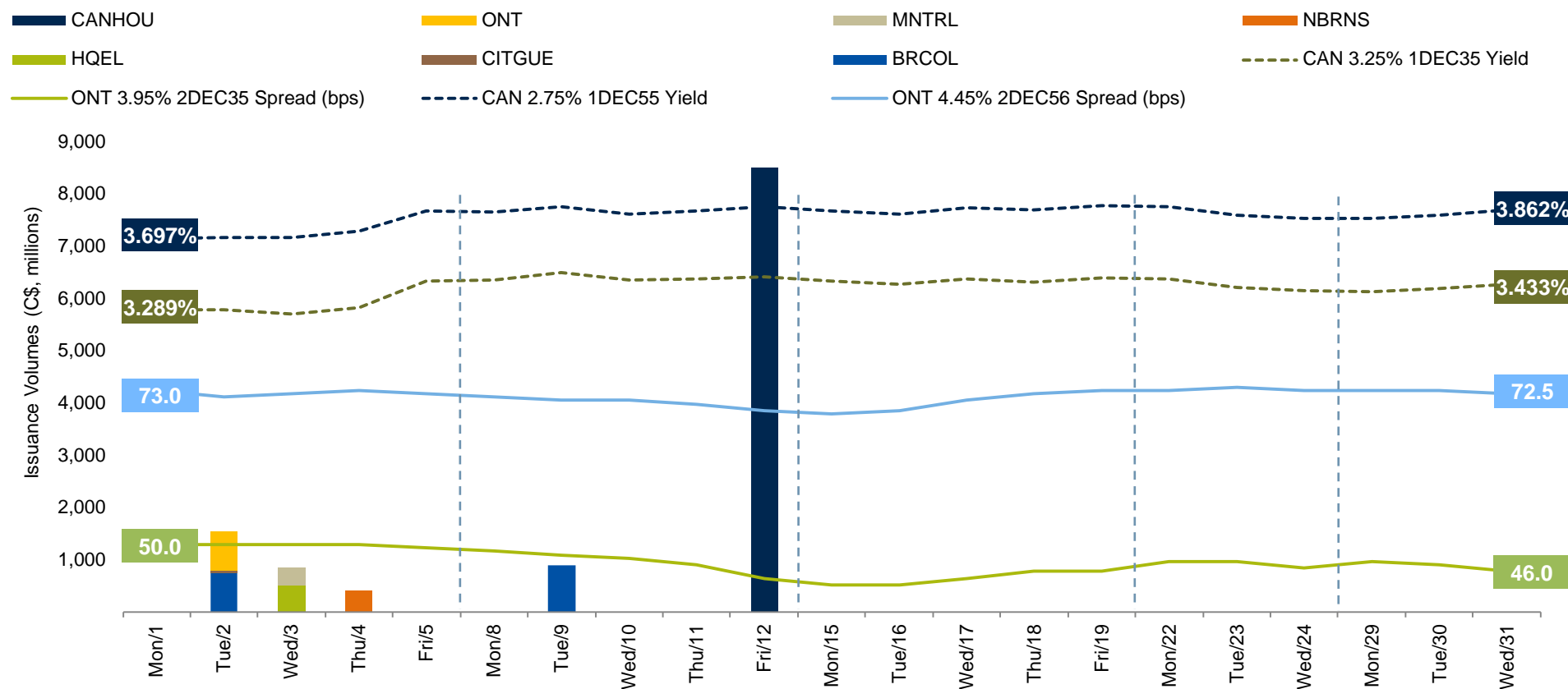


Domestic Issuance Trends

10-Year Provincial Credit Spreads Tightened Further While Longs Clicked Slightly Lower

- The provincial credit curve steepened as the 10-year part of the curve tightened in by 4bps accounting for the 10-year GoC benchmark roll in mid-December. Longs were little changed but dipped to 69.5bps in the middle of the month
- Supply was mostly packed in the first half of the month ahead of the holiday blackout period. Bulk of the supply came from CHT returning to the market with a C\$8.5 billion 5-year fixed rate re-offering and the rest came from a mix of Municipal & Agency and Provincial issuers
- British Columbia was the most active provincial issuer during the month completing two transactions totaling C\$1.65 billion
- The Municipal & Agency market saw C\$394 million of supply also in the early days of the month to close out a strong year for the sector
- In total we saw 8 transactions through the whole month for C\$12.2 billion in total

Issuance Volumes and Spread Performance



Canadian Public Sector Market Update



Public Sector Sustainable Debt Market

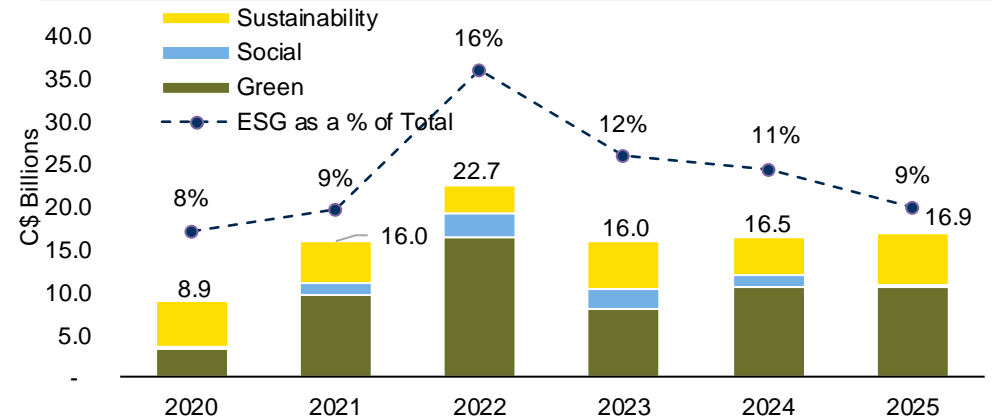
ESG Market Quiet in December

- There was no ESG offering in December
- ESG issuance remained comparable to 2024 volumes with C\$16.9 billion of supply in 2025 across Green, Social, and Sustainability bonds
- GoC remained as the largest ESG issuer by volume this year, pricing two **Green Bond** offerings for C\$2.0 billion and C\$2.5 billion respectively
- Majority of the ESG offerings were in the sub-5-year part of the curve, comparing to last year which saw bulk of the supply in 8-10 years

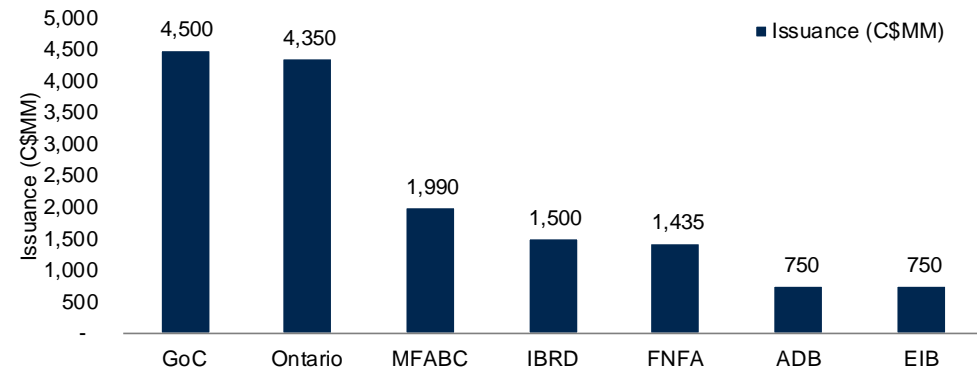
Recent ESG Transactions

Trade Date	Issuer	Rating (D/M/S)	Size (C\$m)	Type	Term	Spread
18-Nov-25	City of Toronto	AA/Aa1/AA+	200	Social	30	GoC+96.5
17-Nov-25	Province of Ontario	AA/Aa3/AA-	600	Green	30	GoC+76.5
17-Nov-25	Province of Ontario	AA/Aa3/AA-	1,500	Green	5	GoC+41.0
13-Nov-25	City of Vancouver	- /Aaa/AAA	135	Sustainability	10	GoC+63.5
22-Oct-25	International Finance Corporation	- /Aaa/AAA	600	Green	4	GoC+13.3
20-Oct-25	First Nations Finance Authority	AA (Low)/Aa3/AA-	435	Sustainability	5	GoC+25.5
15-Oct-25	MFABC	AAA/Aaa/AAA	420	Sustainability	10	GoC+57.0
9-Oct-25	Government of Canada	AAA/Aaa/AAA	1,000	Green	31	GoC+0.0
9-Oct-25	Government of Canada	AAA/Aaa/AAA	1,500	Green	7	GoC+2.0
7-Oct-25	Asian Development Bank	- /Aaa/AAA	750	Green	3	GoC+10.8
2-Oct-25	Translink	AA/Aa2/ -	300	Green	10	GoC+69.0
19-Sep-25	MFABC	- /Aaa/AAA	445	Sustainability	5	GoC+22.0
9-Sep-25	City of Toronto	AA/Aa1/AA+	200	Green	9	GoC+60.0
28-Aug-25	Province of Ontario	AA/Aa3/AA-	1,000	Green	9	GoC+47.0
21-Aug-25	IBRD	- /Aaa/AAA	1,500	Sustainability	3	GoC+27.0
25-Jun-25	First Nations Finance Authority	AA (Low)/Aa3/AA-	350	Sustainability	32	GoC+107.5
17-Jun-25	MFABC	- /Aaa/AAA	305	Sustainability	10	GoC+69.5
21-May-25	MFABC	- /Aaa/AAA	430	Sustainability	6	GoC+37.0
30-Apr-25	MFABC	- /Aaa/AAA	390	Sustainability	10	GoC+71.0
30-Jan-25	Province of Ontario	AA/Aa3/AA-	1,250	Green	9	GoC+55.0
7-Jan-25	First Nations Finance Authority	- /Aa3/AA-	650	Sustainability	11	GoC+79.5

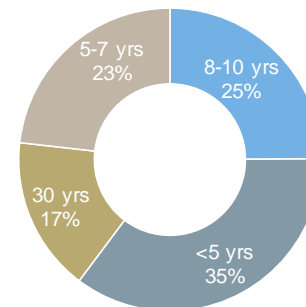
C\$ ESG-Labelled Bonds Historical Issuance Volume



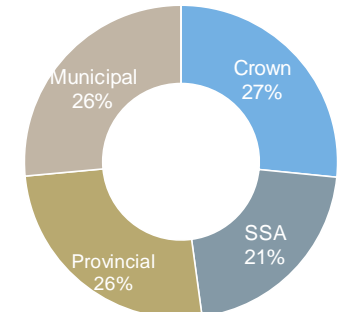
C\$ ESG Issuers (2025)



Issuance by Tenor (2025)



Issuance by Type (2025)



11 *GSSS: Green, Social, Sustainability & Sustainability-Linked
 Source: RBC Capital Markets, Bloomberg, Data as of December 31, 2025
 ESG classification based of Bloomberg

Canadian Public Sector Market Update

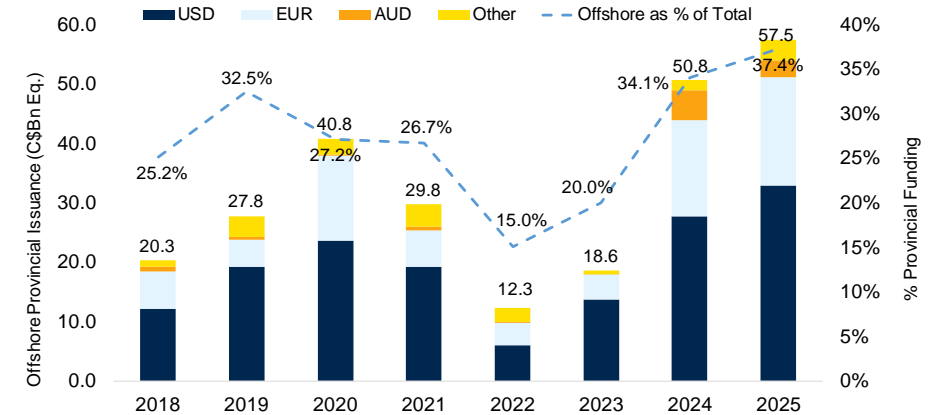


Provincial Offshore Issuance Update

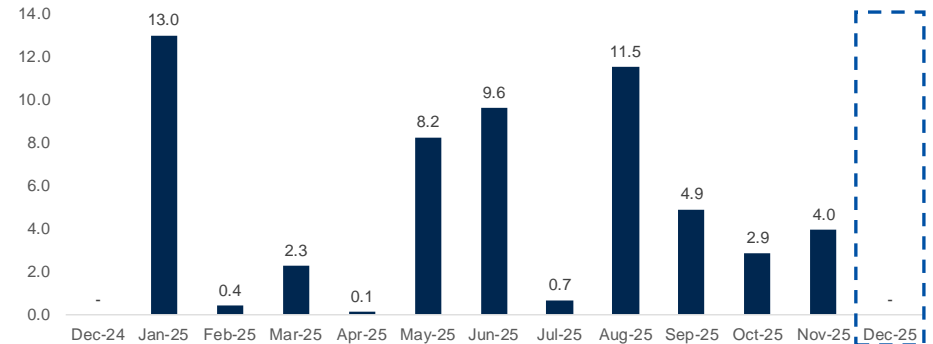
Provincial Offshore Market Reached Most Active Year on Record

- The provincial offshore market was quiet in December, similar to the seasonal slowdown seen in December 2024
- Provincial offshore issuance reached a fresh record at C\$57.5 billion equiv. in 2025, representing 37.4% of total provincial issuance on the year and marked the most active year for provincial offshore funding ever
- USD remained the headline foreign currency this year with US\$23.5 billion of supply, followed by EUR market for EUR11.5 billion
- Majority of the provincial offshore funding are in 5s and 10s as arbitrage opportunities present
- Provincial issuers are expected to remain active in offshore markets during Q1 2026 when opportunities arise

Provincial Offshore Funding Activity (C\$ Equiv.)⁽¹⁾



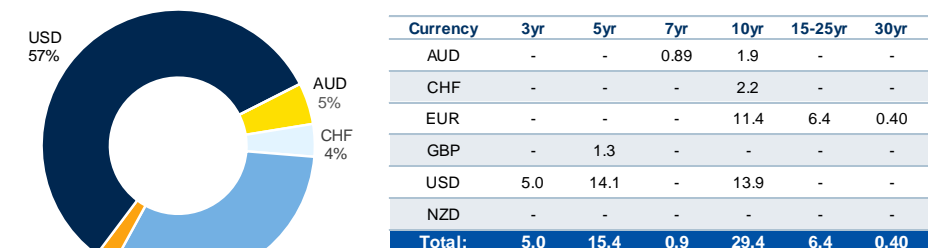
Offshore Provincial Issuance Activity (C\$ Equiv.)



Recent Provincial Offshore Transactions

Trade Date	Issuer	Ratings (D/M/S)	Deal Size	Size (C\$MM)	Currency	Term	Maturity	Issue Spread (bps)
13-Nov-25	Province of Ontario	AA/Aa3/AA-	2,000	2,806.4	USD	10.0	19-Nov-35	SOFR +78
06-Nov-25	Province of British Columbia	AA (High)/Aa1/A+	1,250	1,144.4	AUD	10.5	13-May-36	SQ ASW +95
22-Oct-25	Province of Alberta	-/Aa2/AA-	1,500	2,099.1	USD	10.0	01-Nov-35	SOFR MS +81
09-Oct-25	Province of Quebec	AA (Low)/Aa2/A+	435	756.1	CHF	10.0	24-Oct-35	SARON +43
30-Sep-25	Province of British Columbia	AA (High)/Aa1/A+	2,000	3,271.8	EUR	20.0	10-Oct-45	MS +98
16-Sep-25	Province of Saskatchewan	AA (Low)/Aa1/AA	1,000	1,630.0	EUR	10.0	23-Sep-35	MS +64
27-Aug-25	Province of Ontario	AA/Aa3/AA-	3,000	4,134.9	USD	5.0	03-Sep-30	SOFR MS +52
21-Aug-25	Province of Quebec	AA (Low)/Aa2/A+	2,000	2,779.6	USD	10.0	28-Aug-35	SOFR MS +89
20-Aug-25	Province of British Columbia	AA (High)/Aa1/A+	3,000	4,170.0	USD	5.0	26-Aug-30	SOFR MS +53
08-Aug-25	Province of Saskatchewan	AA (Low)/Aa1/AA	160	272.5	CHF	10.0	20-Aug-35	SARON MS +41
07-Aug-25	Province of Ontario	AA/Aa3/AA-	100	160.2	EUR	30.0	18-Aug-55	-
08-Jul-25	Province of Ontario	AAA/Aa3/AA-	390	669.7	CHF	10.0	30-Jul-35	SARON MS +46
25-Jun-25	Province of Ontario	AA/Aa3/AA-	2,000	3,189.8	EUR	10.0	03-Jul-35	MS +70
24-Jun-25	Province of Manitoba	A (High)/Aa2/A+	150	239.2	EUR	30.0	08-Jul-55	-
04-Jun-25	Province of British Columbia	AA (High)/Aa1/A+	2,500	3,427.0	USD	10.0	10-Jun-35	MS +95
03-Jun-25	Province of Ontario	AA/Aa3/AA-	2,000	2,747.6	USD	10.0	10-Jun-35	MS +95
28-May-25	Province of Quebec	-/Aa2/A+	900	801.0	AUD	10.0	03-Jun-35	ASW SQ +106
20-May-25	Province of British Columbia	AA (High)/Aa1/A+	1,750	2,747.7	EUR	15.0	29-May-40	MS +90
15-May-25	Province of Quebec	AA (Low)/Aa2/A+	3,000	4,681.5	EUR	10.0	21-May-35	MS +72
03-Apr-25	Province of Alberta	AA/Aa2/AA-	95	147.9	EUR	20.0	11-Apr-45	-
28-Mar-25	Province of Saskatchewan	AA (Low)/Aa1/AA	120	194.4	CHF	10.0	17-Apr-35	-
28-Mar-25	Province of Saskatchewan	AA (Low)/Aa1/AA	120	194.4	CHF	10.0	17-Apr-35	-
27-Mar-25	Province of Saskatchewan	AA (Low)/Aa1/AA	91	140.6	EUR	15.0	03-Apr-40	MS +89
26-Mar-25	Province of Alberta	AA/Aa2/AA-	1,250	1,919.9	EUR	10.0	02-Apr-35	MS +71
10-Feb-25	Province of Manitoba	A (High)/Aa2/A+	210	329.8	CHF	10.0	16-Apr-35	MS +46
06-Feb-25	Province of Manitoba	A (High)/Aa2/A+	50	74.2	EUR	15.0	13-Feb-40	MS +92

Offshore Provincial Currency and Term Breakdown (2025) (C\$ Equiv.)



Provincial Offshore Issuances Totaled C\$57.5 Billion Across 30 Transactions in 2025

12 Source: RBC Capital Markets

(1) Issuance levels as of December 31, 2025

Canadian Public Sector Market Update



Canadian Public Sector Entities

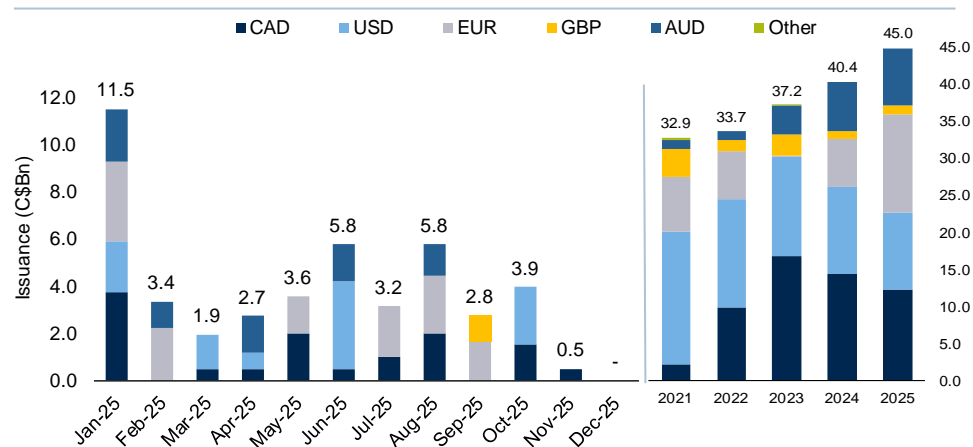
PSE/PF Activity Continued to Peak

- PSE/PF issuers remained quiet in December after a front-loaded year, with no new issuance this month
- The PSE/PF space overall has continued to see funding increases alongside strong investor demand and a focus on building liquid domestic benchmark offerings. 2025 saw C\$45 billion of PSE/PF supply, surpassing 2024's record (C\$40.4 billion) to represent the most active year for the sector
- Tenor preference was a bit more diversified this year comparing to 2024, with 10-year supply almost catching up to 5s, where near 50% of last year's PSE/PF issuances were in the 5-year space
- Aside from keeping their presence in the AUD market, PSE/PF issuers also found a warm welcome in EUR this year. YTD EUR supply totaled EUR8.6 billion in the PSE/PF space, double the EUR4.35 billion seen in full year 2024
- Looking ahead, supply is expected to surge in January across all currencies once they kick off the new funding year

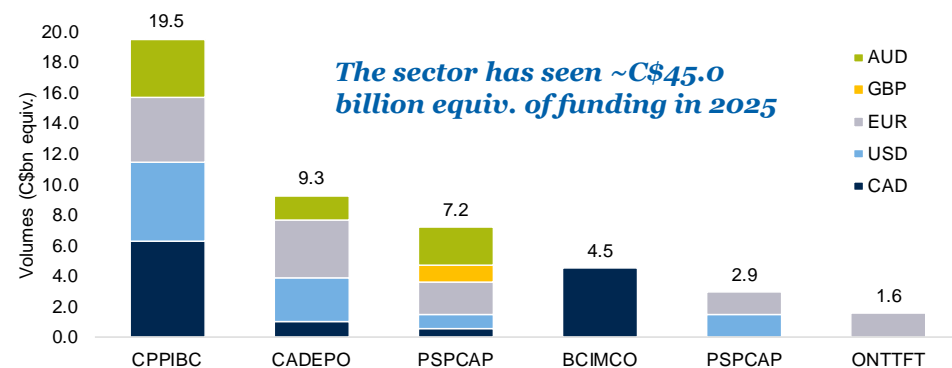
Recent Notable Transactions

Date	Issuer	Currency	Size (Local Currency MM)	Size (CAD MM)	Maturity Date	Term (yrs)	Issue Spread to Benchmark (bps)	Coupon (%)
25-Nov-25	CPPIB Capital Inc.	CAD	500	500	01-Jun-35	10	GoC+49.5	4.000%
15-Oct-25	CDP Financial Inc.	CAD	1,000	1,000	02-Jun-35	10	GoC +59.5	3.650%
07-Oct-25	CPPIB Capital Inc.	USD	1,750	2,442	15-Oct-28	3	SOFR MS +39	3.625%
01-Oct-25	CPPIB Capital Inc.	CAD	500	500	01-Jun-35	10	GoC +54	4.000%
23-Sep-25	CDP Financial Inc.	EUR	1,000	1,000	30-Sep-35	10	MS +59	3.250%
15-Sep-25	PSP Capital Inc.	GBP	600	1,126	22-Oct-30	5	SONIA MS +53	4.250%
21-Aug-25	CPPIB Capital Inc.	CAD	500	500	02-Dec-30	6	GoC +23	3.350%
20-Aug-25	CPPIB Capital Inc.	EUR	1,500	2,424	28-Aug-35	10	MS +60	3.250%
18-Aug-25	BCIMCO	CAD	1,500	1,500	02-Jun-35	10	GoC +66	4.000%
06-Aug-25	PSP Capital Inc.	AUD	1,500	1,340	13-Aug-30	5	SQ ASW +59.6	4.100%
24-Jul-25	PSP Capital Inc.	EUR	100	160	31-Jul-45	20	EURIBOR MS +87.2	3.766%
16-Jul-25	PSP Capital Inc.	EUR	1,250	1,990	22-Jul-32	7	EURIBOR MS +51	2.875%
08-Jul-25	CPPIB Capital Inc.	CAD	1,000	1,000	01-Jun-35	10	GoC +58.5	4.000%
25-Jun-25	PSP Capital Inc.	CAD	500	500	01-Dec-55	30	GoC +91.5	4.250%
23-Jun-25	PSP Capital Inc.	USD	700	961	01-Dec-27	3	SOFR MS +35	FRN
05-Jun-25	CDP Financial Inc.	AUD	1,750	1,554	12-Jun-30	5	ASW SQ +65	4.100%

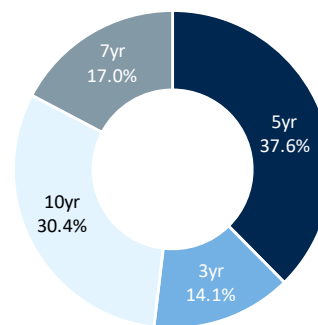
Historical Issuance Volumes (C\$ Equiv.)^{1,2}



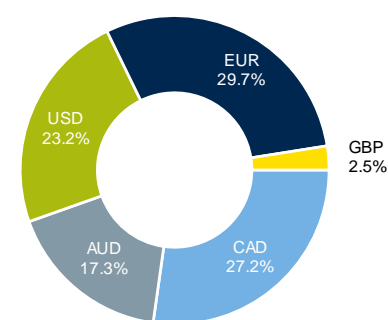
Top Canadian SSA Issuers (2025) (C\$ Equiv.)



Issuance Term (2025)



Issuance by Currency (2025)



13 1. Issuers include BCI, CDP, CPP, OMERS, OTPP, and PSP
2. Issuance levels as of December 31, 2025

Canadian SSA Market Update



Maple SSA Issuance

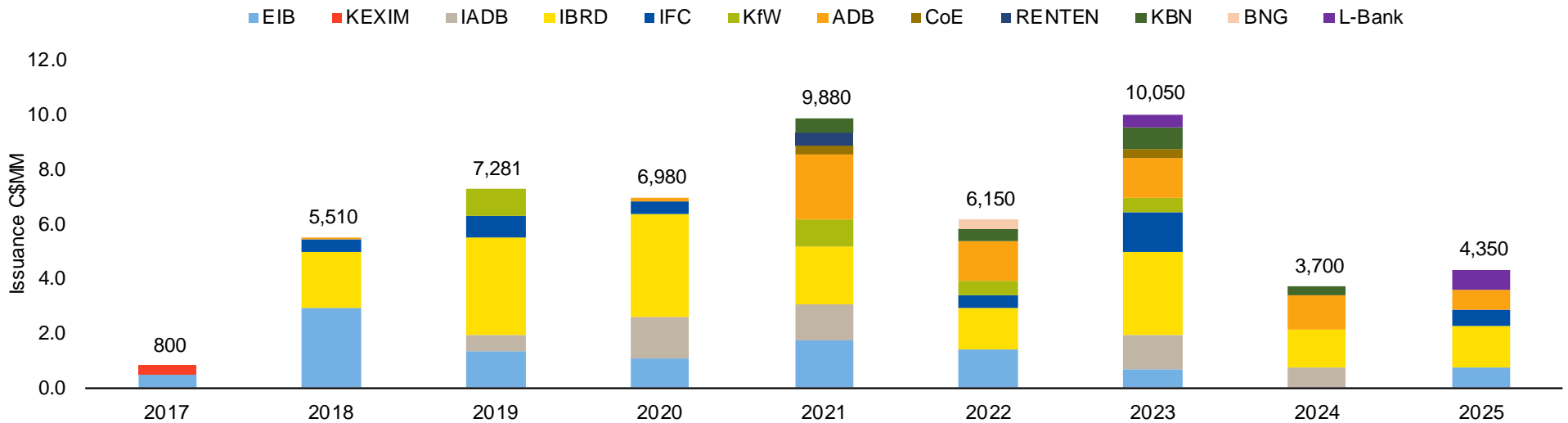
Maple SSAs Market Remained Light in 2025

- After an eventful October in the Maple market, SSA issuers sidelined from CAD issuance through year-end
- On a YoY basis, Maple SSA primary supply has seen an uptick from 2024. The market saw C\$4.4 billion across five transactions from C\$3.7 billion in 2024
- All-in pricing levels have been less competitive vs. USD/EUR for the better part of the year – however, with CAD swap spreads moving in the right direction post-Summer, we saw issuers back in the market after a 5-month hiatus, and this positive spread momentum can potentially open the door for optimistic funding levels in the new year
- 3-year has been the sweet spot for supply, which has fundamentally been driven by more efficient RV in this section

Maple Offerings (2023-2025)

Year	#	Trade Date	Issuer Name	Ratings	Size (C\$MM)	Coupon	Maturity	Spread	ESG
2025	1	21-Feb-25	L-Bank	-/Aaa/AA+	750	3.000%	01-Sep-32	CORRA MS +37.0bps	
2025	2	28-Mar-25	EIB	AAA/Aaa/AAA	750	2.650%	10-Apr-28	CORRA MS +29bps	✓
2025	3	21-Aug-25	IBRD	-/Aaa/AAA	1,500	2.900%	05-Sep-28	CORRA MS+27bps	✓
2025	4	07-Oct-25	ASIA	AAA/Aaa/AAA	750	2.600%	20-Oct-28	CORRA MS+26bps	✓
2025	5	22-Oct-25	IFC	-/Aaa/AAA	600	2.550%	21-Jan-29	CORRA MS+ 27bps	✓
Grand Total:					4,350				
2024	1	03-Jan-24	IBRD	-/Aaa/AAA	1,400	3.500%	12-Jan-29	CORRA MS+39.0bps	✓
2024	2	04-Jan-24	KBN	-/Aaa/AAA	300	3.700%	16-Jan-29	CORRA MS+50.0bps	✓
2024	3	09-Jan-24	IADB	-/Aaa/AAA	750	4.600%	01-Mar-29	CORRA MS+41.0bps	✓
2024	4	09-Apr-24	ADB	AAA/Aaa/AAA	1,250	4.050%	19-Apr-27	CORRA MS+20.0bps	✓
Grand Total:					3,700				
2023	1	05-Jan-23	IBRD	-/Aaa/AAA	1,000	3.700%	18-Jan-28	CDOR MS +7.0 bps	✓
2023	2	13-Apr-23	IBRD	-/Aaa/AAA	900	3.700%	18-Jan-28	CDOR MS 0.0 bps	✓
2023	3	20-Apr-23	KBN	-/Aaa/AAA	300	3.625%	01-Mar-28	CDOR MS +10.0 bps	
2023	4	26-Apr-23	IFC	-/Aaa/AAA	500	3.300%	10-May-28	CDOR MS 0.0 bps	✓
2023	5	09-May-23	IADB	-/Aaa/AAA	750	3.400%	24-May-28	CDOR MS 0.0 bps	✓
2023	6	11-May-23	ADB	AAA/Aaa/AAA	500	3.300%	24-May-28	CDOR MS 0.0 bps	✓
2023	7	31-May-23	IBRD	-/Aaa/AAA	100	3.700%	18-Jan-28	-	✓
2023	8	06-Jun-23	EIB	AAA/Aaa/AAA	700	3.900%	15-Jun-28	CDOR MS+33bps	
2023	9	28-Jun-23	ADB	-/Aaa/AAA	1,000	4.400%	13-Jul-26	CORRA MS+15.0bps	✓
2023	10	06-Jul-23	CoE	-/Aaa/AAA	300	4.570%	13-Jan-27	CORRA MS+22.0bps	✓
2023	11	10-Aug-23	IFC	-/Aaa/AAA	1,000	4.500%	21-Aug-26	CORRA MS+14.0bps	✓
2023	12	17-Aug-23	L-Bank	-/Aaa/AA+	300	4.850%	01-Sep-26	CORRA MS+24.0bps	
2023	13	07-Sep-23	IBRD	-/Aaa/AAA	1,000	4.250%	18-Sep-30	CORRA MS+39.0bps	✓
2023	14	12-Sep-23	KfW	-/Aaa/AAA	500	4.250%	19-Sep-28	CORRA MS+25.0bps	✓
2023	15	14-Sep-23	LBANK	-/Aaa/AAA	200	4.850%	01-Sep-26	CORRA MS+24.0bps	
2023	16	26-Sep-23	IADB	-/Aaa/AAA	500	4.600%	01-Mar-29	CORRA MS+30.0bps	✓
2023	17	27-Sep-23	KBN	-/Aaa/AAA	500	4.900%	05-Oct-26	CORRA MS+24.0bps	✓
Grand Total:					10,050				

Annual Maple Issuance



Canadian Public Sector Market Update

Municipal and Canadian Agency Market Update

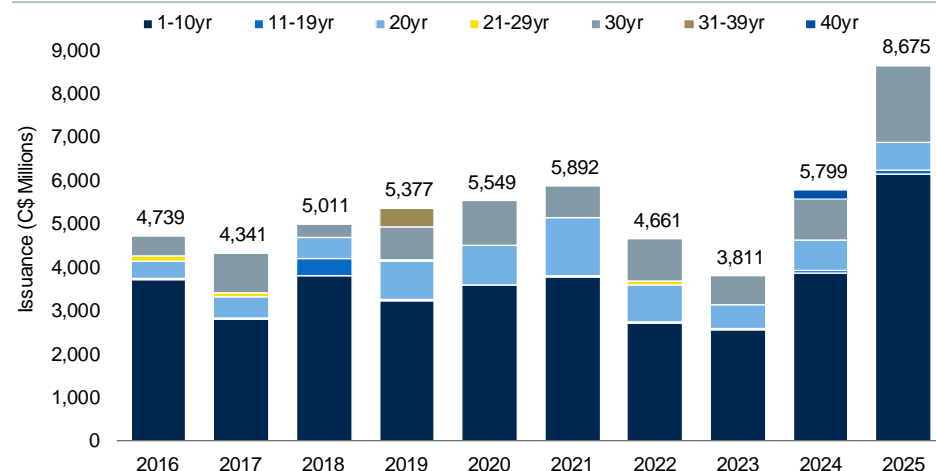
Municipal & Agency Market Remained Active in December

- The Municipal and Agency sector had an unusual active December, the C\$394 million of new issue supply brought the total 2025 issuance to C\$8.7 billion, marked the most active year by volume on record
- City of Montreal successfully completed a C\$360 million 10-year re-opening at GoC + 66.5bps (PQ + 13.5bps)
- City of Guelph printed a C\$34 million 1–20-year serial offering
- The Sub-10-year sector remained the most popular tenor for municipal and agency issuers, however, 2025 saw an increase in 30-year supply (~20% of issuance) vs. 2024 (16% of issuance)
- Historically there has been some light supply of Municipal and Agency at the beginning of the year, the municipal pipeline is expected to be active through the early stages of 2026

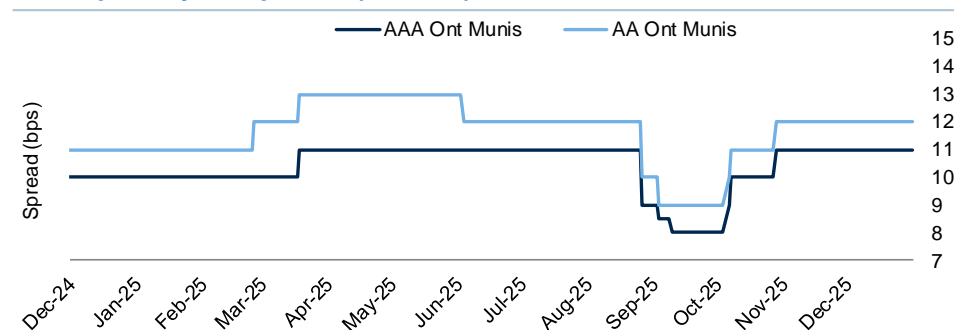
Recent Municipal Offerings ^{1,2}

Price Date	Issue Description	Size (C\$MM)	Term (yrs)	Spread vs. Bench (bps)	Spread vs. ONT	Re-Offer Yield (%)	Coupon
Bullets							
03-Dec-25	City of Montreal 1Sep35	360	10	66.5	PQ+13.5	3.900%	3.90%
21-Nov-25	City of Ottawa 2Dec45	250	20	103	19	4.604%	4.60%
18-Nov-25	City of Toronto 29Oct54	200	30	96.5	18.5	4.666%	4.55%
13-Nov-25	City of Vancouver 28Nov35	135	10	63.5	6	3.798%	3.75%
20-Oct-25	First Nations Finance Authority 16Jun30	435	5	25.5	7	2.864%	1.71%
16-Oct-25	Regional Municipality of Durham 31Oct35	140	10	68.5	16	3.781%	3.75%
15-Oct-25	Municipal Finance Authority of British Columbia 2Jun35	420	10	57	5	3.682%	4.05%
07-Oct-25	Region of York 2Dec35	360	10	69.5	10	3.907%	3.90%
07-Oct-25	City of Montreal 1Sep35	360	10	72	PQ+15	3.937%	3.90%
02-Oct-25	TransLink 30Nov35	300	10	69	10	3.875%	3.85%
25-Sep-25	Regional Municipality of Waterloo 19Oct45	44.764	20	115.5	27	4.734%	4.70%
24-Sep-25	Region of Peel 2Dec55	300	30	101	19	4.689%	4.65%
19-Sep-25	MFABC 1Oct30	445	5	22	4	2.972%	3.30%
09-Sep-25	City of Toronto Green 2Dec34	200	10	60	8	3.195%	4.00%
03-Sep-25	City of Ottawa 2Oct34	220	10	61.5	8.5	3.932%	3.75%
25-Aug-25	City of Regina 10Sep55	115	30	108	23	4.958%	4.95%
25-Jun-25	FNFA 1Dec56	350	30	107.5	21	4.721%	4.70%
Serials							
02-Dec-25	City of Guelph 13Jun44	34	1-20	-	-	-	-
05-Nov-25	Regional Municipality Of Niagara	16.198	1-20	16-117.5	14-28	4.042%	-
25-Sep-25	Regional Municipality of Waterloo	52.236	1-10	14-74	13-15	3.473%	-
19-Sep-25	City of London	21.671	1-20	17.5-115	11.5-28	4.250%	-
27-Aug-25	Regional Municipality of Halton	31.46	1-15	17-116	11-24	4.120%	-

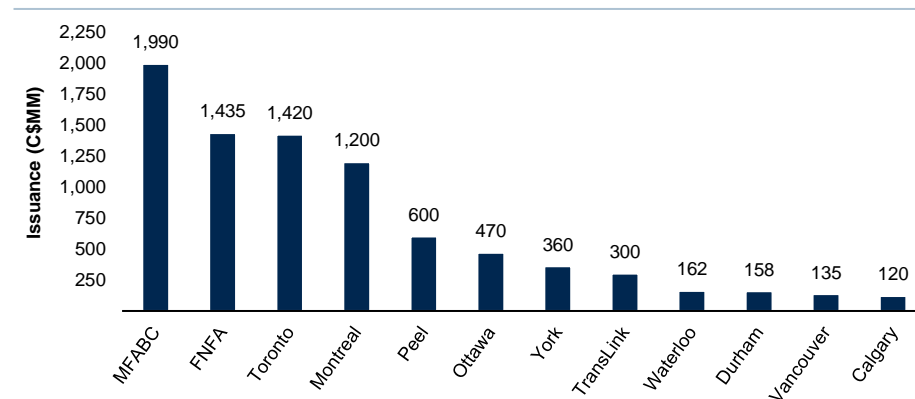
Annual C\$ Municipal Issuance



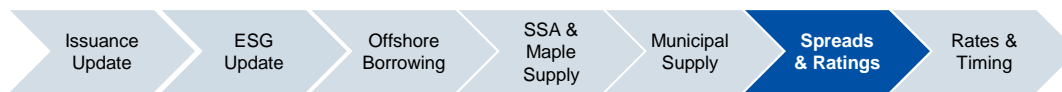
Municipal 10-year Spreads (vs. ONT) ²



Municipal Issuers (2025YTD) ²



Canadian Public Sector Market Update



Ratings, Fiscal Updates, and Spread Relativities

- On December 16th, Newfoundland & Labrador released its Q2 fiscal update with a projected deficit of C\$948 million vs. C\$626 million prior and the C\$372 million in 2025 Budget
 - Forecast for Brent oil lowered from \$73 to \$66/barrel but production forecast raised from 83.9 million to 86.1 million barrels
 - The Province's borrowing program remained unchanged at C\$4.1 billion
- On December 15th, Manitoba released its Q2 update which showed a deficit of C\$1.661 billion for 2025/26, a deterioration of C\$771 million versus Q1 and C\$867 million from Budget 2025.
 - The deterioration is primarily driven by additional wildfire assistance costs and weaker financial results at Manitoba Hydro due to low water levels
 - Manitoba's borrowing program increased slightly to C\$6 billion from C\$5.9 billion
- On December 18th, Nova Scotia released its mid-year update which showed a C\$1.29 billion deficit for the current fiscal year before contingency, a C\$592.5 million deterioration from budget, and a C\$64.5 million deterioration versus Q1
 - The Province's borrowing program remained unchanged at C\$2.97 billion

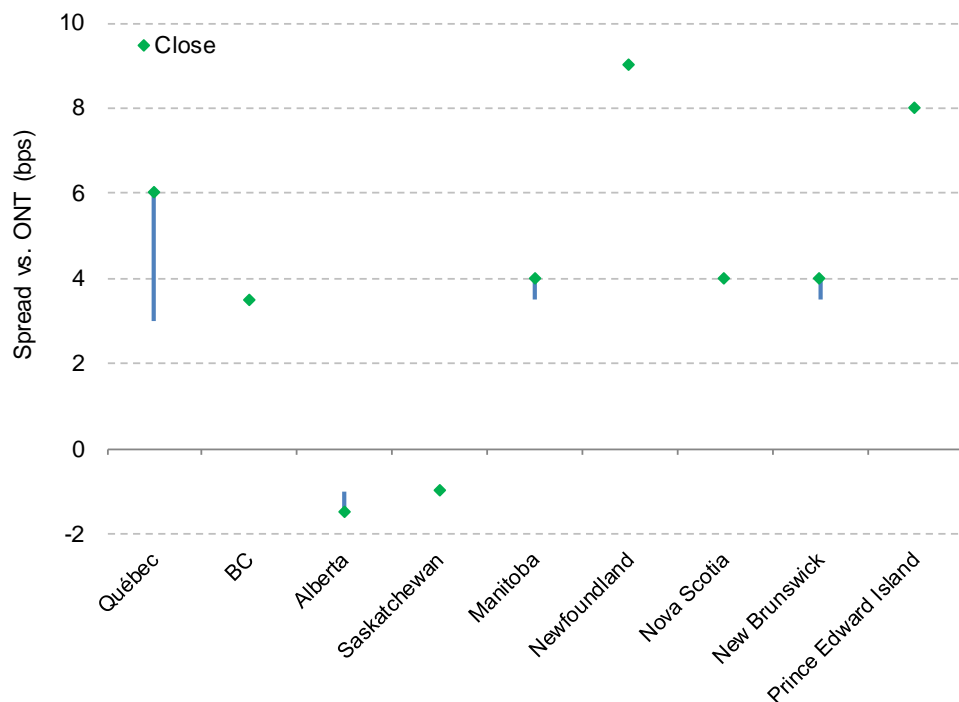
Crowns	Ratings			Spread vs. GoC		
	DBRS	Moody's	S&P	5-Year	10-Year	
Canada Housing Trust	AAA (stb)	Aaa (stb)	AAA (stb)	+14.0 bps CORRA +32.5 SOFR +35.5	+21 bps CORRA +46.5 SOFR +43.0	
Provincials	Ratings			New Issue Spreads (Straight Maturities) / Relativities vs. Ontario		
	DBRS	Moody's	S&P	5-Year	10-Year	30-Year
Ontario	AA (stb)	Aa3 (stb)	AA- (stb)	+20.5 bps CORRA +38.0 SOFR +41.0	+46 bps CORRA +74.0 SOFR +70.5	+72.5 bps CORRA +106.0 SOFR +112.5
Québec	AA(L) (stb)	Aa2 (stb)	A+ (stb)	1 bps	6 bps	10.5 bps
British Columbia	AA(H) (neg)	Aa1 (neg)	A+ (neg)	0.5 bps	3.5 bps	5 bps
Alberta	AA (stb)	Aa2 (stb)	AA- (stb)	-1 bps	-1.5 bps	1 bps
Manitoba	A(H) (stb)	Aa2 (stb)	A+ (stb)	2 bps	4 bps	10 bps
Saskatchewan	AA(L) (stb)	Aa1 (stb)	AA (stb)	-1 bps	-1 bps	2 bps
New Brunswick	A(H) (stb)	Aa1 (stb)	A+ (stb)	2.5 bps	4 bps	10 bps
Nova Scotia	A(H) (stb)	Aa2 (stb)	AA- (neg)	2.5 bps	4 bps	11 bps
Newfoundland and Labrador	A (stb)	A1 (stb)	A (stb)	7 bps	9 bps	19 bps
Prince Edward Island	A (stb)	Aa2 (stb)	A (stb)	5 bps	8 bps	17 bps

Spread Performance and Ratings

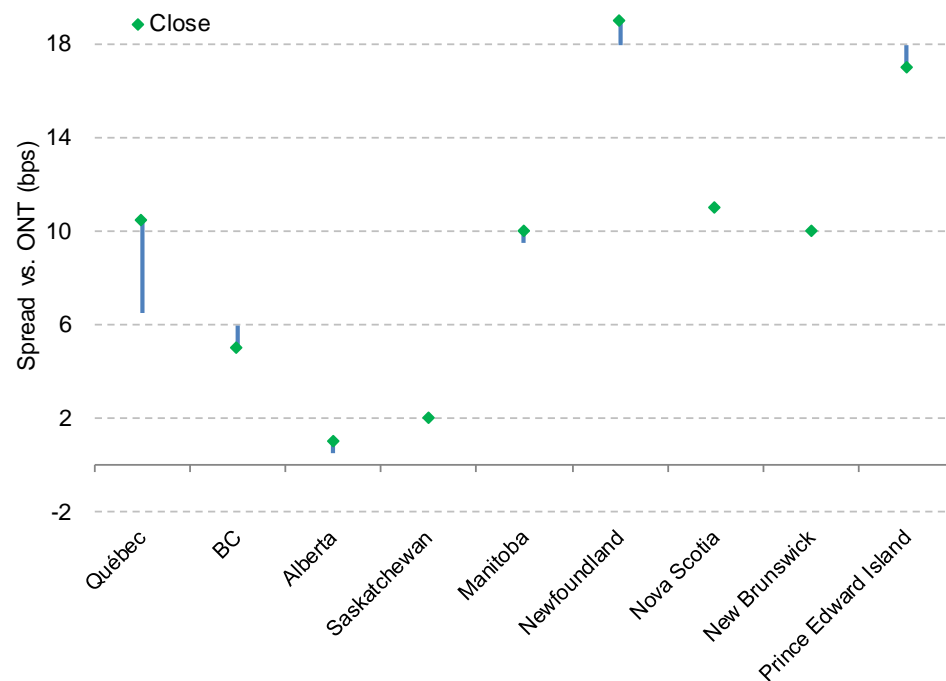
Inter-Provincial Relativities Mixed in December

- On the year, we saw the following movements in provincial relativities (January – December)
 - Québec: 3.5bps (10s) / 6bps (30s)
 - Newfoundland: -3bps (10s) / -5bps (30s)
 - British Columbia: 0.5bps (10s) / -1bp (30s)
 - Nova Scotia: -1bp (10s) / 0bps (30s)
 - Alberta: 0bps (10s) / -0.5bps (30s)
 - New Brunswick: 0bps (10s) / 0bps (30s)
 - Saskatchewan: -1bp (10s) / -1bp (30s)
 - Prince Edward Island: -6bps (10s) / -6bps (30s)
 - Manitoba: -0.5bps (10s) / -2.5bps (30s)
- In December most of the Provinces saw their relativities tighten across both the 10-year and 30-year tenors
 - Alberta was the only province that tightened relative to Ontario in the 10-year space, while BC and PEI experienced 30-year spread performance in December
 - Quebec credit spread relativities widened out in December on the back of news stories speculating on the outcome of the October 2026 provincial election

Provincial 10-year Relativity Performance (December 2025)



Provincial 30-year Relativity Performance (December 2025)



Rates Outlook

Canadian Rates

BoC Delivered a Widely Expected Hold in December

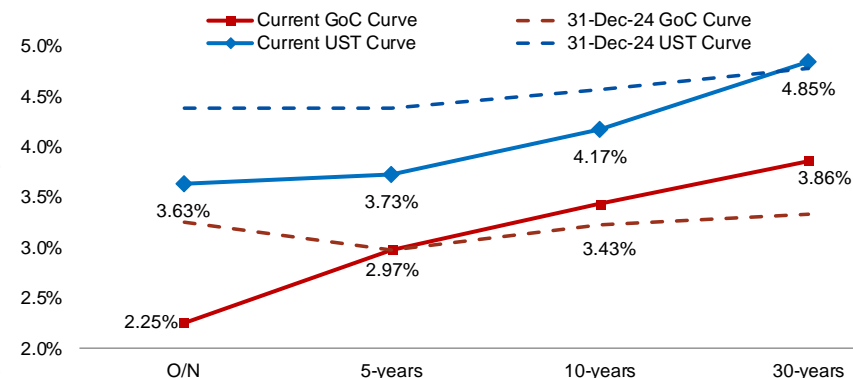
- On December 10th, the Bank of Canada delivered a widely expected hold, keeping the overnight rate at 2.25%, while downplaying recent improvements in economic data
 - Governor Macklem noted the Canadian economy has shown resilience in the face of U.S. tariffs, but that future growth will be modest, and inflation should remain close to the 2% target
 - This decision caps off a year in which the Bank of Canada cut 4 times for a total of 100 bps after 175 bps of cuts in 2024
- Recent Canadian economic data showed the unemployment rate dropping to 6.5% and employment jumped by 54k in November, but weakness remains in tariff exposed sectors
- RBC expects the BoC to hold monetary policy steady, with no additional easing and no rate hikes anticipated until 2027

US Rates

Fed Cuts Rates by 25bps in December

- On December 10th, the FOMC cut rates by 25bps to 3.5%-3.75%, with Jerome Powell focused on the decision being a close call given tough deliberations over two sides of their mandate
 - The FOMC decision passed 9 to 3, with two regional Fed presidents voting to hold rates steady and one Fed governor preferring a larger 50 bps cut, marking the fourth consecutive vote that was not backed by all members
- The Fed's dot plot now shows just one cut in 2026 and one cut in 2027 with investors pricing in a 22% chance of a cut at the January meeting
- In addition to lowering the key policy rate, Fed officials also noted that they will resume purchases of short-term treasuries to maintain an ample supply of bank reserves
- RBC expects the Fed will deliver one more 25 bps cut at the January meeting and then hold rates steady for the remainder of 2026, bringing the Fed Funds rate to 3.25%–3.5%.

North American Yield Curves



RBC Economics Interest Rate Forecasts

Government of Canada Rates Forecast					
Term	Q1/26	Q2/26	Q3/26	Q4/26	Q1/27
BoC Overnight	2.25%	2.25%	2.25%	2.25%	2.50%
5-Year GoC	3.15%	3.20%	3.25%	3.30%	3.45%
10-Year GoC	3.50%	3.55%	3.60%	3.65%	3.70%
30-Year GoC	3.85%	3.85%	3.90%	3.90%	3.90%

US Treasury Rates Rates Forecast					
Term	Q1/26	Q2/26	Q3/26	Q4/26	Q1/27
Fed Funds Target	3.38%	3.38%	3.38%	3.38%	3.13%
10-Year UST	4.25%	4.35%	4.40%	4.35%	4.25%
30-Year UST	4.90%	4.95%	4.95%	4.90%	4.85%

Bank of Canada Rate Decision Recap

BoC Meeting Date	Rate Action
June 5, 2024	4.75%
July 24, 2024	4.50%
September 4, 2024	4.25%
October 23, 2024	3.75%
December 11, 2024	3.25%
January 29, 2025	3.00%
March 12, 2025	2.75%
April 16, 2025	2.75%
June 4, 2025	2.75%
July 30, 2025	2.75%
September 17, 2025	2.50%
October 29, 2025	2.25%
December 10, 2025	2.25%

Canadian Public Sector Market Update

Issuance Update

ESG Update

Offshore Borrowing

SSA & Maple Supply

Municipal Supply

Spreads & Ratings

Rates & Timing

January Calendar

January 2026 Calendar & Key Dates

Key global events in December include:

- GoC 2yr Auction (Jan 7)
- CAN Jobs Report / US Jobs Report (Jan 9)
- US CPI (Jan 13)
- US PPI (Jan 14)
- US Retail Sales (Jan 15)
- CAN CPI (Jan 19)
- GoC 30yr Auction (Jan 21)
- US GDP (Jan 22)
- BoJ / CAN Retail Sales (Jan 23)
- FOMC / BoC (Jan 28)
- CAN GDP (Jan 30)

Market Closures during the month include New Year's Day (Jan 1), MLK Day (US Only) (Jan 19)

Due to the US government shutdown, delayed US data releases are expected this month, including:

- US Core PCE (Oct)
- US JOLTS (Nov)
- US Durable Goods Orders (Oct)

January 2026						
SUN	MON	TUES	WED	THUR 1	FRI 2	SAT 3
				1	2	3
				New Year's Day	US Manf. PMI CAN Manf. PMI	
4	5	6	7	8	9	10
	US ISM Manf.	US Services PMI CAN Services PMI	US ISM Services GoC 2yr Auction	US Initial Jobless Claims	CAN Jobs Report US Jobs Report	
11	12	13	14	15	16	17
	US 10yr Auction US 3yr Auction	US CPI US 30yr Auction	US PPI GoC 5yr Auction	US Initial Jobless Claims US Retail Sales		
18	19	20	21	22	23	24
	MLK Day CAN CPI		US Housing Starts US 20yr Auction GoC 30yr Auction	GoC 2yr Auction US GDP US Initial Jobless Claims US 10yr TIPS Auction	CAN Retail Sales BoJ	
25	26	27	28	29	30	31
	US 2yr Auction		FOMC BoC	US Initial Jobless Claims US Core PCE GoC 10yr Auction	CAN GDP	
Legend: Canadian Data US Data AUS/EU/UK Data						

Canadian Public Sector Market Update

North American Public Sector Coverage

Toronto

Alex Caridia
Managing Director
Head, Global Public Sector
+1 (416) 842-7756

Kevin Martin
Managing Director
+1 (416) 842-7752

Mansoor Khan
Director
+1 (416) 842-7765

Chris Meston
Vice President
+1 (416) 842-2548

Claudia Chan
Vice President
+1 (416) 842-7750

Suzie Wang
Associate
+1 (416) 842-6875

Priya Raj
Associate
+1 (416) 842-6875

Christopher Morselli
Analyst
+1 (514) 513-3594

Montréal

Jean-Francois Dube
Managing Director
+1 (514) 874-6928

Karen Theoret
Vice President
+1 (514) 878-7710

Alexandre Peterson
Associate
+1 (514) 878-7395

Global SSA Syndicate

Scott Reynolds
Managing Director
Head, Canadian Syndicate
+1 (416) 842-6311

Stuart McGregor
Managing Director
Head, U.K. Syndicate
+44-20-7029-7492

Darren Crook
Director
US Syndicate
+1 (212) 618-7730

Harald Eikeland
Director
APAC Syndicate
+612-9033-3033

Derivatives

Ankur Khurana
Director
+1 (416) 842-6752

Disclaimer (Canada)

This presentation was prepared exclusively for the benefit and internal use of the recipient for the purpose of considering the transaction or transactions contemplated herein. This presentation is confidential and proprietary to RBC Capital Markets and may not be disclosed, reproduced, distributed or used for any other purpose by the recipient without our express written consent.

The information and any analyses contained in this presentation are taken from, or based upon, information obtained from the recipient or from publicly available sources, the completeness and accuracy of which has not been independently verified, and cannot be assured by RBC Capital Markets. The information and any analyses in these materials reflect prevailing conditions and our views as of this date, all of which are subject to change. The printed presentation is incomplete without reference to the oral presentation or other written materials provided by RBC Capital Markets that supplement it.

To the extent projections and financial analyses are set forth herein, they may be based on estimated financial performance prepared by or in consultation with the recipient and are intended only to suggest reasonable ranges of results. RBC Capital Markets has no obligation (express or implied) to update any or all of the information or any analyses contained herein or to advise the recipient of any changes; nor does RBC Capital Markets make any express or implied warranty or representation as to the completeness or accuracy of the information contained herein.

Any calculations or value ranges indicated herein: (i) are preliminary and should not be construed as opinions of RBC Capital Markets or their individual members as to value, fair market value, or prices at which a transaction would be considered fair from a financial point of view, and (ii) have not been subject to the processes that we apply to fairness opinions and valuations, including our due diligence process and our internal opinion review process and, accordingly, must not be considered to constitute a “valuation”, “formal valuation”, “appraisal”, “professional opinion”, or “fairness opinion” as contemplated under CIRO Rules 4270 to 4276 or Multilateral Instrument 61-101 and must not be relied upon or disclosed as constituting such a document or opinion.

The information provided herein is for discussion purposes only. This presentation is not intended to provide the sole basis for evaluating the transaction or transactions referred to herein, and should not be considered a recommendation with respect to any transaction referred to herein. RBC Capital Markets makes no representation as to the legal, tax or accounting effects of consummating the transaction or transactions contemplated herein. The recipient should determine the economic risks and merits, as well as the legal, tax and accounting characterizations and consequences of any transaction referred to herein independently of RBC Capital Markets prior to entering into any such transaction.

This presentation does not constitute a commitment by RBC Capital Markets to underwrite, subscribe for or place any securities or to extend or arrange credit or provide any other services. RBC Capital Markets has not been authorized or engaged to consider or investigate alternatives that may be available to the recipient, nor has RBC Capital Markets been authorized to participate in negotiations relating to any potential alternative transaction.

Employees of RBC Capital Markets are expressly prohibited from offering directly or indirectly a specific price target, or offering or threatening to change research, a rating or a price target, to a company as inducement for the receipt of business or compensation.

RBC Capital Markets is the global brand name for the capital markets business of Royal Bank of Canada and its affiliates, including, in Canada, RBC Dominion Securities Inc. (member CIRO and CIPF).