

National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report

Calculation Date: 31 Oct 2024

This report contains information regarding the National Bank of Canada Legislative Covered Bond Programme's Cover Pool as of the indicated Calculation Date. The composition of the Cover Pool will change as Loans are added and removed from the Cover Pool from time to time and, accordingly, the characteristics and performance of the Loans will vary over time.

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Programme Information								
<u>Series</u>	Initial Amount	Translation Rate	C\$ Equivalent	Maturity Date	Extended Due for Payment Date	Coupon Rate	Rate Type	Maturity Type
CBL7	€750,000,000	1.5998	\$1,199,812,500	13 Mar 2025	13 Mar 2026	0.750%	Fixed	Soft
CBL7 (Tranche 2)	€250,000,000	1.4336	\$358,400,000	13 Mar 2025	13 Mar 2026	0.750%	Fixed	Soft
CBL15	€500,000,000	1.4887	\$744,350,000	25 Mar 2028	25 Mar 2029	0.010%	Fixed	Soft
CBL16	€750,000,000	1.4860	\$1,114,500,000	29 Sep 2026	29 Sep 2027	0.010%	Fixed	Soft
CBL17	€1,000,000,000	1.4164	\$1,416,430,000	27 Jan 2027	27 Jan 2028	0.125%	Fixed	Soft
CBL 18	USD\$1,250,000,000	1.2479	\$1,559,862,500	6 Apr 2027	6 Apr 2028	2.900%	Fixed	Soft
CBL 19	USD\$255,000,000	1.2605	\$321,427,500	21 Nov 2024	21 Nov 2025	SOFR +0.430%	Floating	Soft
CBL 20	£750,000,000	1.6125	\$1,209,375,000	5 May 2026	5 May 2027	SONIA +1.000%	Floating	Soft
CBL 21	CHF280,000,000	1.3680	\$383,037,200	3 Nov 2027	3 Nov 2028	1.958%	Fixed	Soft
CBL 22	€1,000,000,000	1.4679	\$1,467,885,000	25 Apr 2028	25 Apr 2029	3.500%	Fixed	Soft
CBL 23	€750,000,000	1.5024	\$1,126,785,000	18 Oct 2028	18 Oct 2029	2.750%	Fixed	Soft
			\$10,901,864,700					

Weighted Average Maturity of Outstanding Covered Bonds (months) 27.27
Weighted Average Remaining Term of Loans in Cover Pool (months) 20.33

Series Ratings	Moody's	DBRS	Fitch Ratings
CBL7	Aaa	AAA	AAA
CBL7 (Tranche 2)	Aaa	AAA	AAA
CBL15	Aaa	AAA	AAA
CBL16	Aaa	AAA	AAA
CBL17	Aaa	AAA	AAA
CBL 18	Aaa	AAA	AAA
CBL 19	Aaa	AAA	AAA
CBL 20	Aaa	AAA	AAA
CBL 21	Aaa	AAA	AAA
CBL 22	Aaa	AAA	AAA
CBL 23	Aaa	AAA	AAA

Supplementary Information

Covered Bond Trustee & Custodian

Standby Account Bank & GIC Provider

Account Bank & GIC Provider

Parties

Guarantor Entity

Asset Monitor

Issuer National Bank of Canada (NBC)

NBC Covered Bond (Legislative) Guarantor Limited Partnership

Servicer & Cash Manager National Bank of Canada Swap Provider National Bank of Canada

Computershare Trust Company of Canada

Deloitte LLP

National Bank of Canada Royal Bank of Canada (RBC)

Paying Agents The Bank of New York Mellon (Luxembourg) S.A. & UBS AG.



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National Bank of Canada Ratings

	Standard & Poor's	Moody's	DBRS	Fitch Ratings
Long Term Senior Debt	A+	Aa3	AA	AA-
Short Term Senior Debt	A-1	P-1	R-1 H	F1+
Outlook	Stable	Under review for upgrade	Stable	Stable
Other Ratings	N/A	Counterparty Risk Assessment long term / short term Aa3(cr) / P-1 (cr) Deposit Rating long term / short term Aa3 / P-1	N/A	Issuer Default Rating long term / short term A+ / F1

Applicable Ratings of Standby Account Bank & GIC Provider (RBC)

	Moody's (Deposit Rating)	DBRS (Debt Ratings)	Fitch Ratings (Issuer Default Rating)
Long Term	Aa1	AA (high)	AA
Short Term	P-1	R-1 H	F1+

Description of Ratings Triggers

A. Party Replacement

If the rating(s) of the Party falls below the level stipulated below, such party is required to be replaced or in the case of the Swap Provider (i) transfer credit support and

(ii) replace itself or obtain a guarantee for its obligations.

Role (Current Party)	Moody's	<u>DBRS</u>	<u>Fitch</u>
Account Bank & GIC Provider (NBC)	P-1*	R-1(low)* or A	F1* or A
Standby Account Bank & GIC Provider (RBC)	P-1*	R-1(low)* or A	F1* or A
Cash Manager (NBC)	P-2(cr)*	BBB (low)	F2*
Servicer (NBC)	Baa3	BBB (low)	F2*
Interest Rate Swap Provider (NBC)	P-2(cr)* or A3(cr)	R-2(mid)* or BBB	F2* or BBB+
Covered Bond Swap Provider (NBC)	P-2(cr)* or A3(cr)	R-2(mid)* or BBB	F2* or BBB+
Title Holder on Mortgages (NBC)	Baa1	BBB (low)	BBB-

B. Specified Rating Related Action

 The following a 	actions are requi	ired if the rating c	of the
Cash Manager	(NBC) falls below	w the stipulated r	ating:

	Moody's	<u>DBRS</u>	<u>Fitch</u>
(a) Amounts received by the Servicer are to be deposited directly to the GIC Account and not provided to the Cash Manager	P-1*	BBB(low)	F1* or A
(b) Amounts held by the Cash Manager belonging to the Guarantor are to be deposited to the Transaction Account or the GIC account, as applicable, within 5 business days	P-1*	BBB(low)	F1* or A

ii. The following actions are required if the rating of the

Servicer (NBC) falls below the stipulated rating:

	Moody's	<u>DBRS</u>	<u>Fitch</u>
(a) Servicer is required to transfer amounts belonging to the Guarantor to the Cash Manager or the GIC Account, as applicable, within 2 business days	P-1(cr)*	BBB(low)	F1* or A

iii. The following actions are required if the rating of the

Issuer (NBC) falls below the stipulated rating:

(NEO) rane selem the diputation raining.	Moody's	<u>DBRS</u>	<u>Fitch</u>
(a) Repayment of the Demand Loan (b) Establishment of the Reserve Fund	N/A P-1(cr)*	N/A R-1(low)* or A(low)	F2* or BBB+ F1* or A
(c) Fund Pre-Maturity Liquidity Required Amount on Hard Bullet Covered Bonds	P-1* ´	6 months: A(high) 12 months: A(low)	F1+*

iv. The following actions are required if the rating of the

Issuer (NBC) falls below the stipulated rating:

Moody's	<u>DBRS</u>	<u>Fitch</u>
D 4	DDD (1: 1)	

(a) The Interest Rate Swap and the Covered Bond Swap will become effective except as otherwise provided in the Covered Bond Swaps

Baa1	BBB(high)	BBB+	

v. Each Swap Provider is required to transfer credit support, replace itself or obtain a guarantee of its obligations if the rating of such Swap Provider falls below the specified rating.

	Moody's	<u>DBRS</u>	<u>Fitch</u>
(a) Interest Rate Swap Provider	P-1(cr)* or A2(cr)(1)	` '	F1* or A
(b) Covered Bond Swap Provider	P-1(cr)* or A2(cr)(1)	R-1(low) [*] or A	F1* or A

(1) In the case of the Interest Swap Provider, or, in the case of the Covered Bond Swap Provider prior to CBL7 only, if the applicable swap provider or its credit support provider does not have a short-term rating assigned by Moody's, the long term unsecured rating trigger is A1(cr).

Events of Default

Issuer Event of Default	No
Guarantor Event of Default	No



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Asset (OW	oran	ΔТ	act

Outstanding Covered Bonds	\$10,901,864,700		
A = Lesser of (i) LTV Adjusted True Balance and	\$20,098,692,425	A(i):	\$21,913,686,544
(ii) Asset Percentage Adjusted True Balance		A(ii):	\$20,098,692,425
B = Principal Receipts	\$0	Asset Percentage:	91.70%
C = Cash Capital Contributions	\$0	Maximum Asset Percentage:	93.00%
D = Substitute Assets	\$0		
E = Reserve Fund Balance	\$0	Regulatory OC Minimum:	103.00%
Y = Contingent Collateral Amount	\$0	Level of Overcollateralization1:	109.11%
Z = Negative Carry Factor calculation	\$123,884,442		
Total: A + B + C + D + E - Y- Z	\$19,974,807,983		
Asset Coverage Test	PASS		

Note: Due to rounding, numbers presented may not add up precisely to the totals provided.

¹ Per Section 4.3.8 of the CMHC Guide, (A) the lesser of (i) the total amount of cover pool collateral and (ii) the amount of cover pool collateral required to collateralize the covered bonds outstanding and ensure the Asset Coverage Test is met, divided by (B) the Canadian dollar equivalent of the principal amount of covered bonds outstanding under the registered covered bond program.

Valuation Calculation		
Trading Value of Covered Bonds	\$11,323,56	66,564
A = LTV Adjusted Loan Present Value	\$21,196,75	57,294
B = Principal Receipts		\$0
C = Cash Capital Contributions		\$0
D = Trading Value of Substitute Assets		\$0
E = Reserve Fund Balance		\$0
F = Trading Value of Swap Collateral		\$0
Present Value Adjusted Aggregate Asset Amount		
Total: A + B + C + D + E + F	\$21,196,75	57,294
Weighted average market rate used for discounting:		6.85%
Amortization Test		
Event of Default on the part of the registered Issuer?	No	
Do any Covered Bonds remain outstanding?	Yes	
Amortization Test Required?	No	
Amortization Test	N/A	
Intercompany Loan Balance		

ntercompany Loan Balance

Guarantee Loan	\$11,894,740,066
Demand Loan	\$10,252,230,175
Total	\$22,146,970,241

Covered Bonds Outstanding vs OSFI Limit

Covered Bonds Currently Outstanding (CAD Equivalent):	
Issued under the Legislative Covered Bond Programme	\$10,901,864,700
Total	\$10,901,864,700

OSFI Covered Bond Ratio (2): 2.62%
OSFI Covered Bond Ratio Limit: 5.50%

(2) Per OSFI's letter dated May 23, 2019, the OSFI Covered Bond Ratio refers to total assets pledged for covered bond relative to total on-balance sheet assets. Total on-balance sheet assets as of July 31, 2024



Cover Pool Summary Statistics	
Previous Month Ending Balance	\$22,310,410,554
Current Balance	\$21,923,349,288
Number of Mortgage loans in Pool	144,928
Average Mortgage Size	\$151,271
Number of Properties	115,294
Number of Primary Borrowers	110,339
Weighted Average Indexed Authorized LTV	53.65%
Weighted Average Indexed Drawn LTV	47.81%
Weighted Average Original LTV	72.66%
Weighted Average Interest Rate	3.98%
Weighted Average Seasoning	32.24 months
Weighted Average Original Term	52.58 months
Weighted Average Remaining Term	20.33 months

Note: Due to rounding, numbers presented in the following distribution tables may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.

Cover Pool Delinquency Distribution				
Aging Summary	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Current and less than 30 days past due	144,754	99.88%	\$21,892,771,611	99.86%
30 to 59 days past due	119	0.08%	\$20,963,138	0.10%
60 to 89 days past due	31	0.02%	\$4,141,395	0.02%
90 or more days past due	24	0.02%	\$5,473,144	0.03%
Total	144,928	100.00%	\$21,923,349,288	100.00%

Cover Pool Provincial Distribution				
<u>Province</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Alberta	2,079	1.43%	\$416,177,039	1.90%
British Columbia	1,990	1.37%	\$605,355,678	2.76%
Manitoba	335	0.23%	\$49,871,973	0.23%
New Brunswick	2,567	1.77%	\$237,121,630	1.08%
Ontario	20,047	13.83%	\$5,921,179,543	27.01%
Quebec	117,431	81.03%	\$14,623,324,825	66.70%
Saskatchewan	479	0.33%	\$70,318,601	0.32%
Other	0	0.00%	\$0	0.00%
Total	144,928	100.00%	\$21,923,349,288	100.00%

Cover Pool Credit Score Distribution				
<u>Credit Score</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Score Unavailable	864	0.60%	\$142,290,580	0.65%
599 and below	1,478	1.02%	\$232,874,678	1.06%
600 - 650	2,466	1.70%	\$409,288,211	1.87%
651 - 700	9,002	6.21%	\$1,520,600,221	6.94%
701 - 750	21,713	14.98%	\$3,773,131,342	17.21%
751 - 800	28,282	19.51%	\$4,747,852,515	21.66%
801 and above	81,123	55.97%	\$11,097,311,741	50.62%
Total	144,928	100.00%	\$21,923,349,288	100.00%

Cover Pool Interest Rate Type Distribution				
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Fixed	119,037	82.14%	\$16,477,745,663	75.16%
Variable	25,891	17.86%	\$5,445,603,625	24.84%
Total	144,928	100.00%	\$21,923,349,288	100.00%



750,000 - 799,999

800,000 - 849,999

850,000 - 899,999

900,000 - 949,999

950,000 - 999,999

Total

1,000,000 and above

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Cover Pool Occupancy Type Distribution				
Occupancy Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Owner Occupied	129,619	89.44%	\$18,462,993,081	84.22%
Non-Owner Occupied	15,309	10.56%	\$3,460,356,207	15.78%
Total	144,928	100.00%	\$21,923,349,288	100.00%
Mortgage Asset Type Distribution				
Asset Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Conventional Mortgage	61,155	42.20%	\$12,203,805,724	55.67%
Amortizing Segment of All-in-One Product	83,773	57.80%	\$9,719,543,565	44.33%
Total	144,928	100.00%	\$21,923,349,288	100.00%
Cover Pool Interest Rate Distribution				
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Less than 2.000	22,775	15.71%	\$3,883,014,605	17.71%
2.000 - 2.999	44,117	30.44%	\$5,646,230,067	25.75%
3.000 - 3.999	6,041	4.17%	\$691,883,841	3.16%
4.000 - 4.999	12,277	8.47%	\$2,298,641,176	10.48%
5.000 - 5.999	47,403	32.71%	\$8,061,573,040	36.77%
6.000 - 6.999	9,772	6.74%	\$1,111,388,758	5.07%
7.000 - 7.999	1,349	0.93%	\$111,508,076	0.51%
8.000 or Greater	1,194	0.82%	\$119,109,727	0.54%
Total	144,928	100.00%	\$21,923,349,288	100.00%
Cover Pool Remaining Balance				
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
99,999 and below	68,644	47.36%	\$3,181,486,422	14.51%
100,000 - 149,999	23,225	16.03%	\$2,882,101,900	13.15%
150,000 - 199,999	16,862	11.63%	\$2,921,719,033	13.33%
200,000 - 249,999	10,730	7.40%	\$2,397,376,727	10.94%
250,000 - 299,999	7,301	5.04%	\$1,995,106,991	9.10%
300,000 - 349,999	4,851	3.35%	\$1,570,303,203	7.16%
350,000 - 399,999	3,415	2.36%	\$1,275,693,911	5.82%
400,000 - 449,999	2,501	1.73%	\$1,060,185,242	4.84%
450,000 - 499,999	1,885	1.30%	\$892,526,938	4.07%
500,000 - 549,999	1,383	0.95%	\$726,200,141	3.31%
550,000 - 599,999	1,030	0.71%	\$590,716,021	2.69%
600,000 - 649,999	733	0.51%	\$457,922,566	2.09%
650,000 - 699,999	552	0.38%	\$371,161,839	1.69%
700,000 - 749,999	423	0.29%	\$306,590,992	1.40%

352

275

214

131

96

325

144,928

0.24%

0.19%

0.15%

0.09%

0.07%

0.22%

100.00%

\$272,519,645

\$226,322,569

\$187,121,323

\$120,943,224

\$93,493,400

\$393,857,199

\$21,923,349,288

1.24%

1.03%

0.85%

0.55%

0.43%

1.80%

100.00%



Cover Pool Months to Maturity Distribution								
Months to Maturity	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>				
5 or Less	15,784	10.89%	\$2,014,528,157	9.19%				
6 - 11	25,024	17.27%	\$3,234,615,629	14.75%				
12 - 23	54,841	37.84%	\$9,220,183,544	42.06%				
24 - 35	36,370	25.10%	\$5,614,155,365	25.61%				
36 - 47	8,558	5.91%	\$1,244,403,254	5.68%				
48 - 59	3,681	2.54%	\$496,270,972	2.26%				
60 - 71	575	0.40%	\$86,126,189	0.39%				
72 - 83	66	0.05%	\$8,259,985	0.04%				
84 or Greater	29	0.02%	\$4,806,194	0.02%				
Total	144,928	100.00%	\$21,923,349,288	100.00%				

Cover Pool Property Type Distribution								
Property Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>				
Single Family	113,583	78.37%	\$16,374,003,225	74.69%				
Condominium	18,028	12.44%	\$3,123,775,744	14.25%				
2-4 Family Units	13,317	9.19%	\$2,425,570,319	11.06%				
Multiple	0	0.00%	\$0	0.00%				
Total	144,928	100.00%	\$21,923,349,288	100.00%				

Cover Pool Indexed LTV - Authorized Di	Cover Pool Indexed LTV - Authorized Distribution									
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>						
20.00 and below	8,769	6.05%	\$518,212,628	2.36%						
20.01 - 25.00	5,319	3.67%	\$543,725,099	2.48%						
25.01 - 30.00	7,097	4.90%	\$794,222,298	3.62%						
30.01 - 35.00	10,212	7.05%	\$1,171,928,094	5.35%						
35.01 - 40.00	16,451	11.35%	\$1,785,276,257	8.14%						
40.01 - 45.00	16,062	11.08%	\$2,071,368,991	9.45%						
45.01 - 50.00	14,619	10.09%	\$2,088,729,360	9.53%						
50.01 - 55.00	14,501	10.01%	\$2,176,291,381	9.93%						
55.01 - 60.00	11,786	8.13%	\$2,122,220,022	9.68%						
60.01 - 65.00	10,906	7.53%	\$2,093,620,912	9.55%						
65.01 - 70.00	12,128	8.37%	\$2,327,676,491	10.62%						
70.01 - 75.00	10,716	7.39%	\$2,446,577,737	11.16%						
75.01 - 80.00	5,518	3.81%	\$1,436,614,825	6.55%						
Greater than 80.00	844	0.58%	\$346,885,194	1.58%						
Total	144,928	100.00%	\$21,923,349,288	100.00%						



Cover Pool Indexed LTV - Drawn Distribution									
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>					
20.00 and below	25,487	17.59%	\$1,456,728,086	6.64%					
20.01 - 25.00	10,767	7.43%	\$1,069,923,138	4.88%					
25.01 - 30.00	12,407	8.56%	\$1,395,642,973	6.37%					
30.01 - 35.00	13,254	9.15%	\$1,700,397,493	7.76%					
35.01 - 40.00	14,157	9.77%	\$2,001,648,684	9.13%					
40.01 - 45.00	12,777	8.82%	\$2,003,930,702	9.14%					
45.01 - 50.00	12,046	8.31%	\$2,076,998,340	9.47%					
50.01 - 55.00	10,629	7.33%	\$1,982,617,354	9.04%					
55.01 - 60.00	9,499	6.55%	\$1,958,776,725	8.93%					
60.01 - 65.00	8,390	5.79%	\$1,846,594,280	8.42%					
65.01 - 70.00	7,523	5.19%	\$1,756,017,186	8.01%					
70.01 - 75.00	5,421	3.74%	\$1,618,667,753	7.38%					
75.01 - 80.00	2,067	1.43%	\$805,061,814	3.67%					
Greater than 80.00	504	0.35%	\$250,344,760	1.14%					
Total	144,928	100.00%	\$21,923,349,288	100.00%					

Provincial Distribution by Indexed LTV	/ - Drawn and Aging Summary
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Current and less than 30 days past due

Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	<u>Saskatchewan</u>	Other	<u>Total</u>
20.00 and below	\$14,161,711	\$73,221,963	\$1,411,498	\$10,329,153	\$350,092,326	\$1,001,820,785	\$4,902,328	\$0	\$1,455,939,764
20.01 - 25.00	\$12,706,948	\$51,042,655	\$1,291,973	\$10,062,311	\$282,910,748	\$706,951,886	\$4,412,018	\$0	\$1,069,378,540
25.01 - 30.00	\$15,441,078	\$58,631,307	\$3,328,649	\$15,395,300	\$321,385,629	\$969,808,633	\$10,179,641	\$0	\$1,394,170,237
30.01 - 35.00	\$25,182,122	\$56,405,223	\$2,158,966	\$14,423,798	\$378,807,957	\$1,212,834,857	\$9,259,253	\$0	\$1,699,072,175
35.01 - 40.00	\$37,740,140	\$74,952,388	\$4,077,347	\$19,733,174	\$391,526,965	\$1,464,622,351	\$5,793,968	\$0	\$1,998,446,334
40.01 - 45.00	\$57,536,245	\$32,381,126	\$4,068,607	\$18,388,973	\$413,299,542	\$1,473,438,041	\$2,776,042	\$0	\$2,001,888,576
45.01 - 50.00	\$57,200,894	\$46,653,636	\$5,291,878	\$28,358,028	\$436,655,145	\$1,494,580,645	\$5,114,790	\$0	\$2,073,855,016
50.01 - 55.00	\$62,209,380	\$36,531,216	\$4,817,631	\$25,218,472	\$449,463,710	\$1,396,826,071	\$4,068,127	\$0	\$1,979,134,607
55.01 - 60.00	\$53,198,262	\$38,154,059	\$6,884,917	\$28,892,809	\$478,766,130	\$1,344,970,463	\$6,977,282	\$0	\$1,957,843,922
60.01 - 65.00	\$36,176,622	\$41,246,469	\$4,309,863	\$21,847,613	\$472,958,810	\$1,260,277,613	\$7,165,103	\$0	\$1,843,982,093
65.01 - 70.00	\$26,016,020	\$32,458,522	\$6,998,698	\$21,060,672	\$461,224,780	\$1,201,065,274	\$4,403,382	\$0	\$1,753,227,349
70.01 - 75.00	\$11,529,273	\$39,630,226	\$3,885,191	\$18,626,882	\$637,066,833	\$899,713,009	\$4,368,476	\$0	\$1,614,819,889
75.01 - 80.00	\$1,369,165	\$21,048,952	\$831,995	\$3,755,454	\$595,861,786	\$177,758,855	\$621,407	\$0	\$801,247,613
Greater than 80.00	\$5,372,089	\$616,814	\$0	\$409,294	\$240,708,350	\$2,658,950	\$0	\$0	\$249,765,497
Total	\$415,839,949	\$602,974,557	\$49,357,211	\$236,501,934	\$5,910,728,712	\$14,607,327,431	\$70,041,817	\$0	\$21,892,771,611

30 to 59 days past due

Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$0	\$358,680	\$235,739	\$0	\$0	\$594,419
20.01 - 25.00	\$0	\$0	\$0	\$0	\$100,370	\$203,903	\$0	\$0	\$304,273
25.01 - 30.00	\$0	\$0	\$0	\$82,699	\$635,111	\$332,585	\$0	\$0	\$1,050,395
30.01 - 35.00	\$0	\$0	\$0	\$0	\$163,900	\$574,211	\$276,784	\$0	\$1,014,894
35.01 - 40.00	\$0	\$0	\$0	\$80,364	\$1,039,819	\$1,310,208	\$0	\$0	\$2,430,392
40.01 - 45.00	\$337,090	\$0	\$0	\$0	\$0	\$911,168	\$0	\$0	\$1,248,258
45.01 - 50.00	\$0	\$1,517,881	\$0	\$115,739	\$600,726	\$571,917	\$0	\$0	\$2,806,262
50.01 - 55.00	\$0	\$0	\$0	\$0	\$321,703	\$1,186,029	\$0	\$0	\$1,507,732
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$884,716	\$0	\$0	\$884,716
60.01 - 65.00	\$0	\$719,658	\$0	\$0	\$0	\$681,265	\$0	\$0	\$1,400,924
65.01 - 70.00	\$0	\$0	\$0	\$274,287	\$291,624	\$1,036,103	\$0	\$0	\$1,602,014
70.01 - 75.00	\$0	\$0	\$514,761	\$0	\$887,686	\$902,210	\$0	\$0	\$2,304,658
75.01 - 80.00	\$0	\$0	\$0	\$0	\$1,602,846	\$2,211,356	\$0	\$0	\$3,814,201
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$337,090	\$2,237,539	\$514,761	\$553,089	\$6,002,465	\$11,041,409	\$276,784	\$0	\$20,963,138



60 to 89 days past due

Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	Ontario	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$0	\$134,188	\$59,715	\$0	\$0	\$193,903
20.01 - 25.00	\$0	\$0	\$0	\$0	\$112,414	\$0	\$0	\$0	\$112,414
25.01 - 30.00	\$0	\$0	\$0	\$0	\$33,980	\$168,328	\$0	\$0	\$202,308
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$310,424	\$0	\$0	\$310,424
35.01 - 40.00	\$0	\$143,582	\$0	\$0	\$257,665	\$327,846	\$0	\$0	\$729,094
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$82,443	\$0	\$0	\$82,443
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$220,075	\$0	\$0	\$220,075
50.01 - 55.00	\$0	\$0	\$0	\$0	\$0	\$222,862	\$0	\$0	\$222,862
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60.01 - 65.00	\$0	\$0	\$0	\$0	\$728,538	\$111,524	\$0	\$0	\$840,061
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$231,841	\$0	\$0	\$231,841
70.01 - 75.00	\$0	\$0	\$0	\$0	\$494,136	\$501,836	\$0	\$0	\$995,972
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$143,582	\$0	\$0	\$1,760,921	\$2,236,892	\$0	\$0	\$4,141,395

90 or more days past due

Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$127,912	\$0	\$0	\$127,912
25.01 - 30.00	\$0	\$0	\$0	\$66,607	\$0	\$153,427	\$0	\$0	\$220,033
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$42,865	\$0	\$0	\$42,865
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$711,425	\$0	\$0	\$711,425
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$116,987	\$0	\$0	\$116,987
50.01 - 55.00	\$0	\$0	\$0	\$0	\$1,560,948	\$191,207	\$0	\$0	\$1,752,154
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$48,087	\$0	\$0	\$48,087
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$371,201	\$0	\$0	\$371,201
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$955,982	\$0	\$0	\$955,982
70.01 - 75.00	\$0	\$0	\$0	\$0	\$547,234	\$0	\$0	\$0	\$547,234
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Greater than 80.00	\$0	\$0	\$0	\$0	\$579,263	\$0	\$0	\$0	\$579,263
Total	\$0	\$0	\$0	\$66.607	\$2.687.444	\$2,719,093	\$0	\$0	\$5,473,144

Cover Pool	Indexed	LTV -	Drawn	by 1	Credit	Bureau	
Score							

Indexed LTV (%	۱

macked ETV (70)								
	599 and below	<u>600 - 650</u>	<u>651 - 700</u>	<u>701 - 750</u>	<u>751 - 800</u>	801 and above	Score Unavailable	<u>Total</u>
20.00 and below	\$4,719,835	\$10,599,537	\$38,522,148	\$98,676,564	\$161,075,688	\$1,129,035,112	\$14,099,203	\$1,456,728,086
20.01 - 25.00	\$7,050,479	\$12,303,947	\$36,996,211	\$97,636,928	\$155,760,603	\$751,127,813	\$9,047,157	\$1,069,923,138
25.01 - 30.00	\$15,630,734	\$17,554,685	\$58,934,624	\$149,217,560	\$232,218,733	\$909,506,143	\$12,580,495	\$1,395,642,973
30.01 - 35.00	\$17,993,850	\$26,908,361	\$80,504,329	\$207,519,939	\$329,830,292	\$1,026,464,632	\$11,176,090	\$1,700,397,493
35.01 - 40.00	\$20,010,306	\$28,274,879	\$108,754,508	\$277,160,420	\$423,241,817	\$1,131,649,810	\$12,556,944	\$2,001,648,684
40.01 - 45.00	\$16,738,593	\$33,140,879	\$126,560,532	\$305,884,894	\$421,844,871	\$1,089,220,085	\$10,540,849	\$2,003,930,702
45.01 - 50.00	\$23,867,640	\$41,787,888	\$126,417,611	\$340,850,144	\$481,302,509	\$1,052,814,045	\$9,958,502	\$2,076,998,340
50.01 - 55.00	\$23,123,466	\$41,897,317	\$142,517,756	\$383,490,310	\$485,745,870	\$893,786,705	\$12,055,930	\$1,982,617,354
55.01 - 60.00	\$19,095,165	\$33,401,798	\$162,459,877	\$411,910,391	\$485,358,316	\$831,621,262	\$14,929,915	\$1,958,776,725
60.01 - 65.00	\$21,422,174	\$44,054,134	\$165,251,170	\$430,595,122	\$469,283,126	\$704,894,087	\$11,094,466	\$1,846,594,280
65.01 - 70.00	\$20,155,970	\$41,340,987	\$172,686,140	\$418,059,619	\$438,673,807	\$657,984,266	\$7,116,398	\$1,756,017,186
70.01 - 75.00	\$28,247,968	\$47,896,705	\$175,059,175	\$382,135,344	\$409,156,362	\$569,043,719	\$7,128,481	\$1,618,667,753
75.01 - 80.00	\$9,095,923	\$22,451,111	\$100,301,533	\$211,048,282	\$194,109,183	\$259,509,570	\$8,546,212	\$805,061,814
Greater than 80.00	\$5,722,576	\$7,675,984	\$25,634,608	\$58,945,824	\$60,251,338	\$90,654,491	\$1,459,938	\$250,344,760
Total	\$232,874,678	\$409,288,211	\$1,520,600,221	\$3,773,131,342	\$4,747,852,515	\$11,097,311,741	\$142,290,580	\$21,923,349,288



National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report

Calculation Date: 31 Oct 2024

Indexation Methodology

As of the date of this Investor Report, the Guarantor uses the methodology described below (which methodology is, as of the date hereof, the "Indexation Methodology"), to establish the market value of residential properties securing loans included in the Covered Bond Portfolio on a quarterly basis for purposes of the Asset Coverage Test, the Amortization Test, the Valuation Calculation and for other purposes as may be required by the CMHC Guide from time to time. Changes to the Indexation Methodology may only be made (i) upon notice to CMHC and satisfaction of any other conditions specified by CMHC in relation thereto, (ii) if such change constitutes a material change, subject to satisfaction of the Rating Agency Condition, and (iii) if such change is materially prejudicial to the Covered Bondholders, subject to the consent of the Bond Trustee. The Indexation Methodology must at all times comply with the requirements of the CMHC Guide.

The primary index used by the Guarantor to determine the market value of a Property is the Teranet-National Bank Regional and Property Type Sub-IndicesTM (the "RPT Sub-Indices"). The RPT Sub-Indices are estimated by tracking the observed or registered home prices over time based on property records of public land registries and grouped based on the first three digits of the Property's postal code. A Property must have been sold at least twice in order to be included in the calculation of the RPT Sub-Indices. In areas where sufficient data is available, the RPT Sub-Indices may be further subdivided by property type (all types, single-family homes and condominiums), which offers another layer of valuation granularity without compromising the statistical estimation error terms. To the extent necessary, the Teranet-National Bank House Price IndexTM – Composite 11 Index (the "HPI – Composite 11") will be used for indexation purposes where the RPT Sub-Indices are not available. The HPI – Composite 11 combines the metropolitan areas of Victoria, Vancouver, Calgary, Edmonton, Winnipeg, Hamilton, Toronto, Ottawa, Montréal, Québec and Halifax to form a national composite index. At this time, New Brunswick and Saskatchewan are the only areas relevant to the Covered Bond Portfolio for which the RPT Sub-Indices are not available. For regions where the RPT Sub-Indices are not subdivided by property type, the Guarantor will use the all types sub-index. The RPT Sub-Indices and the HPI – Composite 11 are available by subscription at www.housepriceindex.ca. This website and its contents do not form part of this Investor Report.

For each Property in the Covered Bond Portfolio, the indexed valuation for a quarter will be determined by multiplying the Original Market Value (as defined in the CMHC Guide) for such Property by the percentage change since the valuation date in the price level for the sub-index in which such Property is located and, if available, also based on the property type.

Material risks associated with using the Indexation Methodology include, but are not limited to, the following: the accuracy, adequacy, timeliness and completeness of the indices being relied upon; the consistency in underlying methodology of such indices; the continued availability of the home sale price data provided to Teranet; in the case of Properties outside of the regions covered by the RPT Sub-Indices, the risk that the HPI – Composite 11 may not accurately capture unique factors affecting local housing markets; and in the case of Properties located within the regions where the RPT Sub-Indices are not subdivided by property type, the risk that the all-types sub-index may not account for differences in property value changes based on property type.

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