

Calculation Date: 31 Jan 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 Info	ormation							
<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
			\$9,775,079,700					

Weighted Average Maturity of Outstanding Covered Bonds (months) 33.94
Weighted Average Remaining Term of Loans in Cover Pool (months) 25.53

Series Ratings	Moody's	<u>DBRS</u>	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

#### Supplementary Information

Servicer & Cash Manager

Covered Bond Trustee & Custodian

Standby Account Bank & GIC Provider

Account Bank & GIC Provider

#### **Parties**

**Guarantor Entity** 

Swap Provider

Asset Monitor

Issuer National Bank of Canada (NBC)

NBC Covered Bond (Legislative) Guarantor Limited Partnership

National Bank of Canada 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**

<u>-</u>	Standard & Poor's	Moody's	<b>DBRS</b>	Fitch Ratings
Long Term Senior Debt	Α	Aa3	AA	AA-
Short Term Senior Debt	A-1	P-1	R-1 H	F1+
Outlook	Stable	Positive	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	ssuer 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**

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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

(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

as applicable, within 5 business days

i. The following actions are required if the rating of the Cash Manager (NBC) falls below the stipulated rating:

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

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(a) Repayment of the Demand Loan	N/A	N/A	F2* or BBB+
(b) Establishment of the Reserve Fund	P-1(cr)*	R-1(low)* or A(low)	F1* or A
(c) Fund Pre-Maturity Liquidity Required Amount on Hard Bullet	P-1*	6 months: A(high)	F1+*
Covered Bonds		12 months: A(low)	

iv. The following actions are required if the rating of the Issuer (NBC) falls below the stipulated rating:			
(· = 5) · · · · · · · · · · · · · · · · · ·	Moody's	<u>DBRS</u>	Fitch
(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>	Fitch
(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)		F1* or A

#### \*Short Term rating

Agreements

(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 Coverag	

Outstanding Covered Bonds	\$9,775,079,700	
A = Lesser of (i) LTV Adjusted True Balance and	\$22,929,550,976	A(i): \$24,999,044,320
(ii) Asset Percentage Adjusted True Balance		A(ii): \$22,929,550,976
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 Overcollateralization <sup>1</sup> : 109.11%
Z = Negative Carry Factor calculation	\$138,223,992	
Total: A + B + C + D + E - Y- Z	\$22,791,326,984	
Asset Coverage Test	PASS PASS	

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

#### Valuation Calculation **Trading Value of Covered Bonds** \$9,645,079,686 A = LTV Adjusted Loan Present Value \$23,673,975,365 B = Principal Receipts \$0 C = Cash Capital Contributions \$0 D = Trading Value of Substitute Assets \$0 \$0 E = Reserve Fund Balance F = Trading Value of Swap Collateral \$0 Present Value Adjusted Aggregate Asset Amount Total: A + B + C + D + E + F \$23,673,975,365 Weighted average market rate used for discounting: 7.40% 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 Guarantee Loan \$10,665,212,905 Demand Loan \$14,478,891,138 \$25,144,104,043 Total

#### **Covered Bonds Outstanding vs OSFI Limit**

Covered Bonds Currently Outstanding (CAD Equivalent):	
Issued under the Legislative Covered Bond Programme	\$9,775,079,700
Total	\$9,775,079,700
OSFI Covered Bond Ratio (2):	2.52%
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 cover bond relative to total on-balance sheet assets. Total on-balance sheet assets as of October 31, 2023.

<sup>&</sup>lt;sup>1</sup> 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.



Cover Pool Summary Statistics	
Previous Month Ending Balance	\$20,044,248,211
Current Balance	\$25,008,076,430
Number of Mortgage loans in Pool	162,711
Average Mortgage Size	\$153,696
Number of Properties	128,245
Number of Primary Borrowers	122,549
Weighted Average Indexed Authorized LTV	55.33%
Weighted Average Indexed Drawn LTV	49.49%
Weighted Average Original LTV	72.97%
Weighted Average Interest Rate	4.01%
Weighted Average Seasoning	27.67 months
Weighted Average Original Term	53.19 months
Weighted Average Remaining Term	25.53 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	162,523	99.88%	\$24,980,113,894	99.89%
30 to 59 days past due	118	0.07%	\$20,677,569	0.08%
60 to 89 days past due	44	0.03%	\$4,171,433	0.02%
90 or more days past due	26	0.02%	\$3,113,534	0.01%
Total	162,711	100.00%	\$25,008,076,430	100.00%

Cover Pool Provincial Distribution				
<u>Province</u>	<b>Number of Loans</b>	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Alberta	2,411	1.48%	\$489,647,195	1.96%
British Columbia	2,246	1.38%	\$686,241,199	2.74%
Manitoba	384	0.24%	\$58,375,167	0.23%
New Brunswick	2,894	1.78%	\$274,524,815	1.10%
Ontario	22,088	13.57%	\$6,594,597,247	26.37%
Quebec	132,139	81.21%	\$16,822,862,928	67.27%
Saskatchewan	549	0.34%	\$81,827,879	0.33%
Other	0	0.00%	\$0	0.00%
Total	162,711	100.00%	\$25,008,076,430	100.00%

Cover Pool Credit Score Distribution				
<u>Credit Score</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Score Unavailable	1,137	0.70%	\$188,730,678	0.75%
599 and below	1,376	0.85%	\$194,476,764	0.78%
600 - 650	2,772	1.70%	\$427,231,254	1.71%
651 - 700	10,642	6.54%	\$1,824,928,709	7.30%
701 - 750	26,206	16.11%	\$4,634,304,343	18.53%
751 - 800	33,111	20.35%	\$5,709,918,341	22.83%
801 and above	87,467	53.76%	\$12,028,486,341	48.10%
Total	162,711	100.00%	\$25,008,076,430	100.00%

Cover Pool Interest Rate Type Distribution				
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Fixed	134,887	82.90%	\$19,054,641,831	76.19%
Variable	27,824	17.10%	\$5,953,434,600	23.81%
Total	162,711	100.00%	\$25,008,076,430	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

## National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report

BANK	Monthly Invest Calculation Date:					
Cover Pool Occupancy Type Distribution						
Occupancy Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>		
Owner Occupied	145,849	89.64%	\$21,175,267,419	84.67%		
Non-Owner Occupied	16,862	10.36%	\$3,832,809,011	15.33%		
Total	162,711	100.00%	\$25,008,076,430	100.00%		
Mortgage Asset Type Distribution						
Asset Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>		
Conventional Mortgage	69,678	42.82%	\$14,002,575,887	55.99%		
Amortizing Segment of All-in-One Product	93,033	57.18%	\$11,005,500,544	44.01%		
Total	162,711	100.00%	\$25,008,076,430	100.00%		
Cover Pool Interest Rate Distribution						
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>		
Less than 2.000	25,594	15.73%	\$4,439,258,950	17.75%		
2.000 - 2.999	56,636	34.81%	\$7,441,678,521	29.76%		
3.000 - 3.999	13,438	8.26%	\$1,519,186,022	6.07%		
4.000 - 4.999	8,330	5.12%	\$1,649,987,224	6.60%		
5.000 - 5.999	23,382	14.37%	\$3,477,381,323	13.91%		
6.000 - 6.999	31,856	19.58%	\$6,115,412,075	24.45%		
7.000 - 7.999	2,454	1.51%	\$253,557,354	1.01%		
8.000 or Greater	1,021	0.63%	\$111,614,960	0.45%		
Total	162,711	100.00%	\$25,008,076,430	100.00%		
Cover Pool Remaining Balance						
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>		
99,999 and below	75,619	46.47%	\$3,525,918,698	14.10%		
100,000 - 149,999	26,101	16.04%	\$3,241,664,594	12.96%		
150,000 - 199,999	19,280	11.85%	\$3,342,202,212	13.36%		
200,000 - 249,999	12,453	7.65%	\$2,781,718,781	11.12%		
250,000 - 299,999	8,449	5.19%	\$2,311,627,343	9.24%		
300,000 - 349,999	5,563	3.42%	\$1,800,175,573	7.20%		
350,000 - 399,999	3,906	2.40%	\$1,458,930,963	5.83%		
400,000 - 449,999	2,844	1.75%	\$1,205,490,572	4.82%		
450,000 - 499,999	2,157	1.33%	\$1,021,523,263	4.08%		
500,000 - 549,999	1,540	0.95%	\$807,571,740	3.23%		
550,000 - 599,999	1,234	0.76%	\$707,712,367	2.83%		
600,000 - 649,999	821	0.50%	\$512,577,378	2.05%		
650,000 - 699,999	667	0.41%	\$448,862,543	1.79%		
700,000 - 749,999	466	0.29%	\$337,971,694	1.35%		
750,000, 700,000	205	0.240/	¢205 046 612	1 220/		

395

320

239

161

110

386

162,711

0.24%

0.20%

0.15%

0.10%

0.07%

0.24% 100.00% \$305,946,612

\$263,750,826

\$209,024,467

\$148,568,664

\$107,157,850

\$469,680,291

\$25,008,076,430

1.22%

1.05%

0.84%

0.59%

0.43%

1.88%

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	11,317	6.96%	\$1,284,572,729	5.14%
6 - 11	18,996	11.67%	\$2,459,378,706	9.83%
12 - 23	47,933	29.46%	\$6,692,004,853	26.76%
24 - 35	55,768	34.27%	\$9,843,003,023	39.36%
36 - 47	22,645	13.92%	\$3,829,057,841	15.31%
48 - 59	5,581	3.43%	\$833,726,417	3.33%
60 - 71	352	0.22%	\$50,529,223	0.20%
72 - 83	40	0.02%	\$3,649,747	0.01%
84 or Greater	79	0.05%	\$12,153,893	0.05%
Total	162,711	100.00%	\$25,008,076,430	100.00%

Cover Pool Property Type Distribution				
Property Type	<b>Number of Loans</b>	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Single Family	127,713	78.49%	\$18,739,422,708	74.93%
Condominium	20,260	12.45%	\$3,556,935,972	14.22%
2-4 Family Units	14,738	9.06%	\$2,711,717,751	10.84%
Multiple	0	0.00%	\$0	0.00%
Total	162,711	100.00%	\$25,008,076,430	100.00%

Cover Pool Indexed LTV - Authorized Distribution				
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
20.00 and below	8,641	5.31%	\$507,327,203	2.03%
20.01 - 25.00	5,504	3.38%	\$548,005,351	2.19%
25.01 - 30.00	7,192	4.42%	\$815,393,739	3.26%
30.01 - 35.00	10,001	6.15%	\$1,182,574,295	4.73%
35.01 - 40.00	14,664	9.01%	\$1,675,766,192	6.70%
40.01 - 45.00	19,722	12.12%	\$2,407,082,489	9.63%
45.01 - 50.00	15,731	9.67%	\$2,296,796,675	9.18%
50.01 - 55.00	15,744	9.68%	\$2,382,059,343	9.53%
55.01 - 60.00	15,638	9.61%	\$2,530,116,742	10.12%
60.01 - 65.00	12,004	7.38%	\$2,355,729,041	9.42%
65.01 - 70.00	11,186	6.87%	\$2,240,115,653	8.96%
70.01 - 75.00	12,841	7.89%	\$2,722,279,668	10.89%
75.01 - 80.00	11,803	7.25%	\$2,702,376,197	10.81%
Greater than 80.00	2,040	1.25%	\$642,453,844	2.57%
Total	162,711	100.00%	\$25,008,076,430	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	25,453	15.64%	\$1,456,480,900	5.82%					
20.01 - 25.00	11,174	6.87%	\$1,097,850,171	4.39%					
25.01 - 30.00	12,791	7.86%	\$1,436,766,277	5.75%					
30.01 - 35.00	14,286	8.78%	\$1,798,284,433	7.19%					
35.01 - 40.00	15,380	9.45%	\$2,151,017,279	8.60%					
40.01 - 45.00	14,687	9.03%	\$2,257,658,771	9.03%					
45.01 - 50.00	13,433	8.26%	\$2,257,446,339	9.03%					
50.01 - 55.00	12,853	7.90%	\$2,345,484,673	9.38%					
55.01 - 60.00	10,947	6.73%	\$2,204,816,106	8.82%					
60.01 - 65.00	9,663	5.94%	\$2,103,369,093	8.41%					
65.01 - 70.00	8,530	5.24%	\$1,927,875,942	7.71%					
70.01 - 75.00	7,697	4.73%	\$1,990,241,597	7.96%					
75.01 - 80.00	4,987	3.06%	\$1,595,274,319	6.38%					
Greater than 80.00	830	0.51%	\$385,510,531	1.54%					
Total	162,711	100.00%	\$25,008,076,430	100.00%					

rovincial Distribution by	Indexed LTV -	Drawn and Aging Sun	nmary

Current and less than 30 days past due

uue									
Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$12,712,030	\$77,496,096	\$1,715,358	\$10,382,635	\$380,566,273	\$967,251,652	\$5,144,431	\$0	\$1,455,268,475
20.01 - 25.00	\$9,910,267	\$58,094,806	\$1,214,746	\$9,514,374	\$309,297,016	\$704,669,711	\$4,156,934	\$0	\$1,096,857,854
25.01 - 30.00	\$14,841,972	\$63,057,862	\$2,340,041	\$17,172,901	\$367,753,497	\$960,871,633	\$10,142,715	\$0	\$1,436,180,621
30.01 - 35.00	\$17,912,574	\$62,842,339	\$3,586,884	\$17,081,294	\$408,771,403	\$1,273,686,700	\$11,617,299	\$0	\$1,795,498,492
35.01 - 40.00	\$24,631,094	\$83,423,227	\$4,434,444	\$17,410,393	\$466,123,238	\$1,546,832,251	\$6,809,740	\$0	\$2,149,664,386
40.01 - 45.00	\$42,609,150	\$49,914,541	\$3,588,228	\$21,509,792	\$462,153,321	\$1,671,161,661	\$4,848,943	\$0	\$2,255,785,635
45.01 - 50.00	\$60,396,820	\$50,266,458	\$5,272,378	\$22,891,756	\$465,760,646	\$1,646,464,333	\$4,469,323	\$0	\$2,255,521,713
50.01 - 55.00	\$66,378,944	\$47,122,732	\$6,000,391	\$33,263,081	\$501,219,217	\$1,683,232,461	\$5,823,928	\$0	\$2,343,040,754
55.01 - 60.00	\$70,714,040	\$42,573,546	\$5,052,124	\$31,308,506	\$526,211,726	\$1,518,282,274	\$6,694,713	\$0	\$2,200,836,930
60.01 - 65.00	\$68,100,444	\$35,797,836	\$6,818,141	\$22,781,955	\$525,754,825	\$1,434,106,739	\$5,698,660	\$0	\$2,099,058,600
65.01 - 70.00	\$36,046,256	\$40,350,159	\$4,940,027	\$26,379,944	\$489,909,935	\$1,319,604,848	\$7,693,590	\$0	\$1,924,924,759
70.01 - 75.00	\$42,750,560	\$41,621,278	\$6,801,424	\$25,142,838	\$644,882,483	\$1,222,917,094	\$3,759,198	\$0	\$1,987,874,874
75.01 - 80.00	\$15,379,114	\$32,345,809	\$5,115,702	\$17,807,272	\$708,534,661	\$809,939,305	\$4,968,406	\$0	\$1,594,090,270
Greater than 80.00	\$6,607,933	\$965,717	\$1,495,279	\$1,420,615	\$327,302,947	\$47,718,041	\$0	\$0	\$385,510,531
Total	\$488,991,197	\$685,872,406	\$58,375,167	\$274,067,354	\$6,584,241,188	\$16,806,738,702	\$81,827,879	\$0	\$24,980,113,894

#### 30 to 59 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	\$114,568	\$0	\$25,004	\$76,947	\$635,817	\$0	\$0	\$852,336
20.01 - 25.00	\$0	\$0	\$0	\$0	\$373,527	\$277,340	\$0	\$0	\$650,868
25.01 - 30.00	\$0	\$254,225	\$0	\$0	\$193,747	\$0	\$0	\$0	\$447,972
30.01 - 35.00	\$0	\$0	\$0	\$0	\$1,102,475	\$845,865	\$0	\$0	\$1,948,341
35.01 - 40.00	\$0	\$0	\$0	\$0	\$247,854	\$852,665	\$0	\$0	\$1,100,519
40.01 - 45.00	\$0	\$0	\$0	\$0	\$99,289	\$815,230	\$0	\$0	\$914,519
45.01 - 50.00	\$0	\$0	\$0	\$0	\$262,814	\$1,071,846	\$0	\$0	\$1,334,660
50.01 - 55.00	\$0	\$0	\$0	\$0	\$524,196	\$1,379,238	\$0	\$0	\$1,903,433
55.01 - 60.00	\$0	\$0	\$0	\$0	\$1,288,869	\$1,466,667	\$0	\$0	\$2,755,536
60.01 - 65.00	\$340,584	\$0	\$0	\$0	\$1,645,093	\$1,302,827	\$0	\$0	\$3,288,504
65.01 - 70.00	\$0	\$0	\$0	\$0	\$731,496	\$1,198,613	\$0	\$0	\$1,930,110
70.01 - 75.00	\$0	\$0	\$0	\$119,801	\$1,263,622	\$983,300	\$0	\$0	\$2,366,723
75.01 - 80.00	\$0	\$0	\$0	\$0	\$415,110	\$768,939	\$0	\$0	\$1,184,049
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$340,584	\$368,793	\$0	\$144,805	\$8,225,040	\$11,598,347	\$0	\$0	\$20,677,569



#### 60 to 89 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	\$146,400	\$213,690	\$0	\$0	\$360,090
20.01 - 25.00	\$0	\$0	\$0	\$0	\$164,001	\$0	\$0	\$0	\$164,001
25.01 - 30.00	\$0	\$0	\$0	\$86,220	\$0	\$0	\$0	\$0	\$86,220
30.01 - 35.00	\$0	\$0	\$0	\$75,205	\$0	\$125,627	\$0	\$0	\$200,831
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$169,566	\$0	\$0	\$169,566
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$329,914	\$0	\$0	\$329,914
45.01 - 50.00	\$0	\$0	\$0	\$66,269	\$0	\$261,552	\$0	\$0	\$327,821
50.01 - 55.00	\$0	\$0	\$0	\$0	\$339,077	\$201,408	\$0	\$0	\$540,485
55.01 - 60.00	\$0	\$0	\$0	\$84,961	\$433,878	\$212,886	\$0	\$0	\$731,726
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$239,707	\$0	\$0	\$239,707
65.01 - 70.00	\$0	\$0	\$0	\$0	\$566,778	\$454,295	\$0	\$0	\$1,021,073
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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	\$0	\$0	\$312,656	\$1,650,133	\$2,208,645	\$0	\$0	\$4,171,433

#### 90 or more days past due

Indexed LTV (%)	<u>Alberta</u>	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	<u>Saskatchewan</u>	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	\$177,449	\$0	\$0	\$177,449
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$51,463	\$0	\$0	\$51,463
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$636,769	\$0	\$0	\$636,769
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$82,808	\$0	\$0	\$82,808
40.01 - 45.00	\$0	\$0	\$0	\$0	\$480,886	\$147,818	\$0	\$0	\$628,704
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$262,144	\$0	\$0	\$262,144
50.01 - 55.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55.01 - 60.00	\$315,414	\$0	\$0	\$0	\$0	\$176,501	\$0	\$0	\$491,915
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$782,282	\$0	\$0	\$782,282
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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	\$315,414	\$0	\$0	\$0	\$480,886	\$2,317,234	\$0	\$0	\$3,113,534

Cover Pool Indexed LTV	V - Drawn by	Credit Bureau
Score		

Indexed LTV (%)								
	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	\$4,527,304	\$11,224,327	\$36,380,590	\$109,149,301	\$164,013,275	\$1,115,135,011	\$16,051,093	\$1,456,480,900
20.01 - 25.00	\$6,709,151	\$11,024,592	\$42,931,301	\$107,213,876	\$168,969,229	\$749,413,307	\$11,588,715	\$1,097,850,171
25.01 - 30.00	\$13,101,376	\$15,712,033	\$59,479,829	\$156,353,881	\$242,009,377	\$929,902,433	\$20,207,350	\$1,436,766,277
30.01 - 35.00	\$14,887,480	\$24,563,182	\$80,696,899	\$234,713,266	\$337,204,744	\$1,086,034,975	\$20,183,886	\$1,798,284,433
35.01 - 40.00	\$18,894,367	\$33,230,224	\$118,338,128	\$324,803,549	\$456,302,311	\$1,179,250,224	\$20,198,475	\$2,151,017,279
40.01 - 45.00	\$19,885,763	\$38,123,375	\$147,279,474	\$362,711,935	\$497,108,533	\$1,173,004,764	\$19,544,927	\$2,257,658,771
45.01 - 50.00	\$22,172,350	\$39,741,935	\$150,863,264	\$389,687,199	\$521,761,064	\$1,115,083,576	\$18,136,952	\$2,257,446,339
50.01 - 55.00	\$19,175,026	\$43,937,124	\$160,130,165	\$442,978,203	\$602,902,594	\$1,061,160,853	\$15,200,708	\$2,345,484,673
55.01 - 60.00	\$15,803,244	\$41,378,770	\$192,782,014	\$483,244,491	\$579,763,575	\$874,903,569	\$16,940,443	\$2,204,816,106
60.01 - 65.00	\$20,465,219	\$40,722,822	\$184,472,260	\$494,568,160	\$571,331,205	\$780,837,848	\$10,971,578	\$2,103,369,093
65.01 - 70.00	\$14,151,575	\$31,435,859	\$196,707,846	\$480,658,300	\$525,818,005	\$670,709,670	\$8,394,686	\$1,927,875,942
70.01 - 75.00	\$16,250,571	\$49,173,849	\$220,631,265	\$519,618,497	\$522,254,793	\$655,185,264	\$7,127,358	\$1,990,241,597
75.01 - 80.00	\$6,132,452	\$41,702,103	\$188,709,626	\$411,815,808	\$422,479,567	\$520,501,567	\$3,933,196	\$1,595,274,319
Greater than 80.00	\$2,320,886	\$5,261,060	\$45,526,050	\$116,787,876	\$98,000,069	\$117,363,281	\$251,310	\$385,510,531
Total	\$194,476,764	\$427,231,254	\$1,824,928,709	\$4,634,304,343	\$5,709,918,341	\$12,028,486,341	\$188,730,678	\$25,008,076,430



Calculation Date: 31 Jan 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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