

Calculation Date: 28 Feb 2023

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
CBL6	€750,000,000	1.4618	\$1,096,350,000	29 Sep 2023	29 Sep 2024	0.000%	Fixed	Soft
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
CBL8	€750,000,000	1.5410	\$1,155,772,500	24 Jul 2023	24 Jul 2024	0.250%	Fixed	Soft
CBL10	€750,000,000	1.5206	\$1,140,420,000	15 Jan 2024	15 Jan 2025	0.375%	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	CHF 280,000,000	1.3680	\$383,037,200	3 Nov 2027	3 Nov 2028	1.958%	Fixed	Soft
			\$11,699,737,200					

Weighted Average Maturity of Outstanding Covered Bonds (months) 32
Weighted Average Remaining Term of Loans in Cover Pool (months) 30

32.00 30.49

Series Ratings	Moody's	DBRS	Fitch Ratings
CBL6	Aaa	AAA	AAA
CBL7	Aaa	AAA	AAA
CBL7 (Tranche 2)	Aaa	AAA	AAA
CBL8	Aaa	AAA	AAA
CBL10	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



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Supplementary Information

Covered Bond Trustee & Custodian

Standby Account Bank & GIC Provider

Account Bank & GIC Provider

Parties

Swap Provider

Asset Monitor

Paying Agent

Issuer National Bank of Canada (NBC)

NBC Covered Bond (Legislative) Guarantor Limited Partnership Guarantor Entity Servicer & Cash Manager

National Bank of Canada National Bank of Canada

Computershare Trust Company of Canada

Deloitte LLP

National Bank of Canada Royal Bank of Canada (RBC)

The Bank of New York Mellon (Luxembourg) S.A.



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National Bank of Canada Ratings

	Standard & Poor's	Moody's	DBRS	Fitch Ratings
Long Term Senior Debt	Α	Aa3	AA	AA-
Short Term Senior Debt	A-1	P-1	R-1 H	F1+
Outlook	Stable	Stable	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)

	IVIOOGY'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) Standby Account Bank & GIC Provider (RBC) Cash Manager (NBC) Servicer (NBC) Interest Rate Swap Provider (NBC) Covered Bond Swap Provider (NBC)	P-1* P-1* P-2(cr)* Baa3 P-2(cr)* or A3(cr) P-2(cr)* or A3(cr)	R-1(low)* or A R-1(low)* or A BBB (low) BBB (low) R-2(mid)* or BBB R-2(mid)* or BBB	F1* or A F1* or A F2* F2* F2* or BBB+ F2* or BBB+
Title Holder on Mortgages (NBC)	Baa1	BBB (low)	BBB-

B. Specified Rating Related Action

 The following actions are required if the ra 	ating of the
Cash Manager (NBC) falls below the stipul	ated rating:

	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:

Cervicer (NDO) rails below the supulated 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	P-1(cr)*	BBB(low)	F1* or A

2 business days

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

Issuer (NBC) falls below the stipulated rating:

	ouj o	<u>55.10</u>	1.1011
(a) Repayment of the Demand Loan (b) Establishment of the Reserve Fund (c) Fund Pre-Maturity Liquidity Required Amount on Hard Bullet Covered Bonds	N/A P-1(cr)* P-1*	N/A R-1(low)* or A(low) 6 months: A(high) 12 months: A(low)	F2* or BBB+ F1* or A F1+*

Mondy's

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>
(a) The Interest Rate Swap and the Covered Bond Swap will become	Baa1	BBB(high)	BBB+

effective except as otherwise provided in the Covered Bond Swaps Agreements

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)		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).

DBRS

Fitch

Events of Default

Issuer Event of Default	No
Guarantor Event of Default	No



Calculation Date: 28 Feb 2023

Asset	0.07	/Aran	act

Outstanding Covered Bonds	\$11,699,737,200	
A = Lesser of (i) LTV Adjusted True Balance and	\$21,287,074,322	A(i): \$23,198,717,058
(ii) Asset Percentage Adjusted True Balance		A(ii): \$21,287,074,322
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 ¹ : 109.12%
Z = Negative Carry Factor calculation	\$156,011,862	
Total: A + B + C + D + E - Y- Z	\$21,131,062,460	

Asset Coverage Test PASS

\$10,975,115,945

Trading Value of	Covered Bonds	

A = LTV Adjusted Loan Present Value	\$21,882,141,782
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 \$21,882,141,782

Weighted average market rate used for discounting: 6.33%

Amortization Test

Amortization Test

Valuation Calculation

Event of Default on the part of the registered Issuer?

No
Do any Covered Bonds remain outstanding?

Yes
Amortization Test Required?

No

Intercompany Loan Balance

 Guarantee Loan
 \$12,766,528,601

 Demand Loan
 \$10,434,268,786

 Total
 \$23,200,797,387

N/A

Covered Bonds Outstanding vs OSFI Limit

Covered Bonds Currently Outstanding (CAD Equivalent): Issued under the Legislative Covered Bond Programme Total	\$11,699,737,200 \$11,699,737,200
OSFI Covered Bond Ratio (2):	3.05%
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 January 31, 2023.

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.



Cover Pool Summary Statistics	
Previous Month Ending Balance	\$23,447,864,745
Current Balance	\$23,216,145,267
Number of Mortgage loans in Pool	155,152
Average Mortgage Size	\$149,635
Number of Properties	122,601
Number of Primary Borrowers	117,096
Weighted Average Indexed Authorized LTV	54.31%
Weighted Average Indexed Drawn LTV	48.33%
Weighted Average Original LTV	73.29%
Weighted Average Interest Rate	3.55%
Weighted Average Seasoning	26.55 months
Weighted Average Original Term	57.04 months
Weighted Average Remaining Term	30.49 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	155,066	99.94%	\$23,205,957,711	99.96%
30 to 59 days past due	54	0.03%	\$6,472,651	0.03%
60 to 89 days past due	15	0.01%	\$1,391,145	0.01%
90 or more days past due	17	0.01%	\$2,323,759	0.01%
Total	155,152	100.00%	\$23,216,145,267	100.00%

Cover Pool Provincial Distribution					
<u>Province</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>	
Alberta	2,529	1.63%	\$503,163,827	2.17%	
British Columbia	2,306	1.49%	\$707,250,545	3.05%	
Manitoba	393	0.25%	\$58,926,594	0.25%	
New Brunswick	2,761	1.78%	\$255,938,295	1.10%	
Ontario	21,852	14.08%	\$6,252,655,965	26.93%	
Quebec	124,726	80.39%	\$15,351,999,663	66.13%	
Saskatchewan	585	0.38%	\$86,210,379	0.37%	
Other	0	0.00%	\$0	0.00%	
Total	155,152	100.00%	\$23,216,145,267	100.00%	

Cover Pool Credit Score Distribution				
<u>Credit Score</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Score Unavailable	988	0.64%	\$154,820,439	0.67%
599 and below	988	0.64%	\$117,103,290	0.50%
600 - 650	2,378	1.53%	\$351,029,460	1.51%
651 - 700	10,864	7.00%	\$1,830,513,482	7.88%
701 - 750	26,665	17.19%	\$4,713,097,300	20.30%
751 - 800	33,341	21.49%	\$5,540,300,565	23.86%
801 and above	79,928	51.52%	\$10,509,280,730	45.27%
Total	155,152	100.00%	\$23,216,145,267	100.00%

Cover Pool Interest Rate Type Distribution				
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Fixed	123,326	79.49%	\$16,656,159,865	71.74%
Variable	31,826	20.51%	\$6,559,985,401	28.26%
Total	155,152	100.00%	\$23,216,145,267	100.00%



700,000 - 749,999

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

NATIONAL 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	138,598	89.33%	\$19,620,839,933	84.51%
Non-Owner Occupied	16,554	10.67%	\$3,595,305,333	15.49%
Total	155,152	100.00%	\$23,216,145,267	100.00%
Mortgage Asset Type Distribution				
Asset Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Conventional Mortgage	65,213	42.03%	\$12,597,922,013	54.26%
Amortizing Segment of All-in-One Product	89,939	57.97%	\$10,618,223,254	45.74%
Total	155,152	100.00%	\$23,216,145,267	100.00%
Cover Pool Interest Rate Distribution				
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Less than 2.000	25,126	16.19%	\$4,430,842,312	19.09%
2.000 - 2.999	60,216	38.81%	\$8,047,576,205	34.66%
3.000 - 3.999	28,614	18.44%	\$3,121,298,173	13.44%
4.000 - 4.999	3,768	2.43%	\$401,580,448	1.73%
5.000 - 5.999	28,525	18.39%	\$5,864,132,765	25.26%
6.000 - 6.999	8,253	5.32%	\$1,285,735,069	5.54%
7.000 - 7.999	30	0.02%	\$2,767,293	0.01%
8.000 or Greater	620	0.40%	\$62,213,003	0.27%
Total	155,152	100.00%	\$23,216,145,267	100.00%
Cover Pool Remaining Balance				
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
99,999 and below	73,833	47.59%	\$3,467,725,344	14.94%
100,000 - 149,999	25,114	16.19%	\$3,115,491,311	13.42%
150,000 - 199,999	18,381	11.85%	\$3,181,696,499	13.70%
200,000 - 249,999	11,528	7.43%	\$2,572,906,097	11.08%
250,000 - 299,999	7,747	4.99%	\$2,117,828,319	9.12%
300,000 - 349,999	4,940	3.18%	\$1,595,508,677	6.87%
350,000 - 399,999	3,518	2.27%	\$1,313,185,335	5.66%
400,000 - 449,999	2,485	1.60%	\$1,053,870,639	4.54%
450,000 - 499,999	1,935	1.25%	\$917,347,636	3.95%
500,000 - 549,999	1,367	0.88%	\$717,101,301	3.09%
550,000 - 599,999	1,075	0.69%	\$616,300,545	2.65%
600,000 - 649,999	757	0.49%	\$472,136,170	2.03%
650,000 - 699,999	597	0.38%	\$402,388,054	1.73%
700 000 740 000	412	0.270/	¢200 002 102	1 200/

412

349

272

247

154

82

359

155,152

0.27%

0.22%

0.18%

0.16%

0.10%

0.05%

0.23%

100.00%

\$298,093,192

\$270,310,412

\$223,891,452

\$215,742,190

\$142,402,326

\$79,734,713

\$442,485,054

\$23,216,145,267

1.28%

1.16%

0.96%

0.93%

0.61%

0.34%

1.91%

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	13,473	8.68%	\$1,575,721,829	6.79%
6 - 11	15,156	9.77%	\$1,818,826,699	7.83%
12 - 23	29,648	19.11%	\$3,818,848,701	16.45%
24 - 35	43,478	28.02%	\$6,412,391,912	27.62%
36 - 47	36,208	23.34%	\$6,662,948,806	28.70%
48 - 59	16,428	10.59%	\$2,817,895,374	12.14%
60 - 71	546	0.35%	\$79,870,283	0.34%
72 - 83	97	0.06%	\$12,719,692	0.05%
84 or Greater	118	0.08%	\$16,921,972	0.07%
Total	155,152	100.00%	\$23,216,145,267	100.00%

Cover Pool Property Type Distribution				
Property Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Single Family	121,990	78.63%	\$17,447,906,992	75.15%
Condominium	19,121	12.32%	\$3,249,662,552	14.00%
2-4 Family Units	14,041	9.05%	\$2,518,575,723	10.85%
Multiple	0	0.00%	\$0	0.00%
Total	155,152	100.00%	\$23,216,145,267	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	7,998	5.15%	\$456,085,510	1.96%
20.01 - 25.00	5,255	3.39%	\$508,782,270	2.19%
25.01 - 30.00	7,177	4.63%	\$810,448,198	3.49%
30.01 - 35.00	9,605	6.19%	\$1,158,357,295	4.99%
35.01 - 40.00	12,723	8.20%	\$1,610,076,574	6.94%
40.01 - 45.00	19,574	12.62%	\$2,371,670,524	10.22%
45.01 - 50.00	19,276	12.42%	\$2,623,521,430	11.30%
50.01 - 55.00	14,721	9.49%	\$2,319,834,093	9.99%
55.01 - 60.00	15,309	9.87%	\$2,387,364,147	10.28%
60.01 - 65.00	13,631	8.79%	\$2,345,641,088	10.10%
65.01 - 70.00	9,659	6.23%	\$1,975,583,317	8.51%
70.01 - 75.00	8,622	5.56%	\$1,890,232,751	8.14%
75.01 - 80.00	7,601	4.90%	\$1,715,800,531	7.39%
Greater than 80.00	4,001	2.58%	\$1,042,747,540	4.49%
Total	155,152	100.00%	\$23,216,145,267	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	23,854	15.37%	\$1,361,090,696	5.86%
20.01 - 25.00	10,870	7.01%	\$1,057,556,877	4.56%
25.01 - 30.00	12,442	8.02%	\$1,395,954,551	6.01%
30.01 - 35.00	14,327	9.23%	\$1,780,975,891	7.67%
35.01 - 40.00	15,462	9.97%	\$2,153,757,779	9.28%
40.01 - 45.00	15,711	10.13%	\$2,358,896,337	10.16%
45.01 - 50.00	13,875	8.94%	\$2,292,345,152	9.87%
50.01 - 55.00	12,052	7.77%	\$2,187,074,380	9.42%
55.01 - 60.00	11,083	7.14%	\$2,119,514,121	9.13%
60.01 - 65.00	8,691	5.60%	\$1,877,633,957	8.09%
65.01 - 70.00	6,876	4.43%	\$1,650,856,016	7.11%
70.01 - 75.00	5,177	3.34%	\$1,412,819,202	6.09%
75.01 - 80.00	3,270	2.11%	\$1,000,883,610	4.31%
Greater than 80.00	1,462	0.94%	\$566,786,698	2.44%
Total	155,152	100.00%	\$23,216,145,267	100.00%

rovincial Distribution b	y Indexed LTV	/ - Drawn and Aging Summary
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Current and less than 30 days past due

uue									
Indexed LTV (%)	<u>Alberta</u>	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$10,444,087	\$67,052,662	\$1,777,522	\$10,771,320	\$383,525,104	\$881,633,257	\$5,510,313	\$0	\$1,360,714,264
20.01 - 25.00	\$6,015,047	\$52,653,129	\$1,209,869	\$7,655,609	\$329,884,030	\$655,957,621	\$3,663,631	\$0	\$1,057,038,936
25.01 - 30.00	\$11,677,912	\$61,558,743	\$2,119,314	\$14,205,485	\$399,912,972	\$897,711,350	\$8,168,116	\$0	\$1,395,353,890
30.01 - 35.00	\$15,298,431	\$78,777,747	\$3,945,494	\$22,874,644	\$417,377,243	\$1,229,107,899	\$12,973,872	\$0	\$1,780,355,330
35.01 - 40.00	\$24,069,980	\$74,175,829	\$3,732,256	\$17,503,364	\$507,644,052	\$1,514,779,476	\$10,940,234	\$0	\$2,152,845,191
40.01 - 45.00	\$33,285,291	\$74,010,157	\$4,804,433	\$19,789,741	\$481,181,729	\$1,737,311,429	\$7,656,390	\$0	\$2,358,039,170
45.01 - 50.00	\$53,646,634	\$54,371,249	\$5,390,697	\$20,232,441	\$504,804,144	\$1,649,605,888	\$3,400,312	\$0	\$2,291,451,365
50.01 - 55.00	\$69,010,375	\$44,412,117	\$5,091,426	\$29,708,123	\$485,616,346	\$1,544,635,379	\$6,584,614	\$0	\$2,185,058,381
55.01 - 60.00	\$78,206,063	\$41,869,422	\$6,659,693	\$30,010,466	\$478,695,943	\$1,475,728,041	\$6,973,873	\$0	\$2,118,143,500
60.01 - 65.00	\$78,347,875	\$40,735,562	\$7,049,177	\$27,872,382	\$497,646,485	\$1,218,030,660	\$6,642,442	\$0	\$1,876,324,583
65.01 - 70.00	\$69,272,316	\$39,526,483	\$5,909,142	\$15,164,185	\$441,614,899	\$1,074,229,687	\$5,139,304	\$0	\$1,650,856,016
70.01 - 75.00	\$37,562,148	\$34,826,427	\$5,471,499	\$24,846,535	\$503,230,173	\$802,666,559	\$3,847,066	\$0	\$1,412,450,407
75.01 - 80.00	\$9,217,216	\$22,452,989	\$3,809,594	\$9,690,355	\$457,977,402	\$495,525,892	\$2,210,162	\$0	\$1,000,883,610
Greater than 80.00	\$6,761,463	\$19,028,924	\$1,956,477	\$5,327,233	\$360,461,744	\$170,705,462	\$2,201,765	\$0	\$566,443,069
Total	\$502,814,837	\$705,451,438	\$58,926,594	\$255,651,884	\$6,249,572,264	\$15,347,628,599	\$85,912,095	\$0	\$23,205,957,711

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	\$0	\$111,948	\$0	\$0	\$111,948
20.01 - 25.00	\$0	\$0	\$0	\$65,141	\$0	\$134,540	\$0	\$0	\$199,681
25.01 - 30.00	\$0	\$0	\$0	\$0	\$153,059	\$241,880	\$0	\$0	\$394,938
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$397,905	\$0	\$0	\$397,905
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$414,445	\$0	\$0	\$414,445
40.01 - 45.00	\$0	\$0	\$0	\$0	\$169,721	\$469,731	\$0	\$0	\$639,452
45.01 - 50.00	\$0	\$0	\$0	\$0	\$641,043	\$147,513	\$0	\$0	\$788,556
50.01 - 55.00	\$348,989	\$0	\$0	\$0	\$0	\$637,622	\$0	\$0	\$986,611
55.01 - 60.00	\$0	\$411,207	\$0	\$121,026	\$517,361	\$147,183	\$0	\$0	\$1,196,778
60.01 - 65.00	\$0	\$0	\$0	\$0	\$759,567	\$228,860	\$0	\$0	\$988,427
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$10,282	\$0	\$0	\$10,282
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Greater than 80.00	\$0	\$0	\$0	\$0	\$51,410	\$292,219	\$0	\$0	\$343,629
Total	\$348,989	\$411,207	\$0	\$186,167	\$2,292,160	\$3,234,128	\$0	\$0	\$6,472,651



60 to 89 days past due

Indexed LTV (%)	Alberta	British Columbia	Manitoba	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$0	\$130,377	\$100,695	\$0	\$0	\$231,073
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$122,877	\$0	\$0	\$122,877
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$98,214	\$0	\$0	\$98,214
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$160,230	\$0	\$0	\$160,230
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$86,598	\$0	\$0	\$86,598
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50.01 - 55.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$0	\$173,843	\$0	\$173,843
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$159,800	\$0	\$0	\$159,800
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70.01 - 75.00	\$0	\$358,512	\$0	\$0	\$0	\$0	\$0	\$0	\$358,512
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	\$358,512	\$0	\$0	\$130,377	\$728,414	\$173,843	\$0	\$1,391,145

90 or more days past due

Indexed LTV (%)	<u>Alberta</u>	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	<u>Other</u>	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$0	\$0	\$33,412	\$0	\$0	\$33,412
20.01 - 25.00	\$0	\$0	\$0	\$0	\$318,261	\$0	\$0	\$0	\$318,261
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$82,846	\$0	\$0	\$82,846
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$0	\$124,442	\$0	\$124,442
35.01 - 40.00	\$0	\$0	\$0	\$100,244	\$237,670	\$0	\$0	\$0	\$337,914
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$131,117	\$0	\$0	\$131,117
45.01 - 50.00	\$0	\$0	\$0	\$0	\$105,231	\$0	\$0	\$0	\$105,231
50.01 - 55.00	\$0	\$1,029,388	\$0	\$0	\$0	\$0	\$0	\$0	\$1,029,388
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$161,148	\$0	\$0	\$161,148
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	\$0	\$1,029,388	\$0	\$100,244	\$661,163	\$408,522	\$124,442	\$0	\$2,323,759

Cover Pool Indexed LT\	/ - Dra	awn 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	\$4,464,621	\$7,286,483	\$41,070,880	\$113,512,452	\$172,221,263	\$1,007,631,535	\$14,903,462	\$1,361,090,696
20.01 - 25.00	\$4,620,700	\$11,485,991	\$50,303,321	\$118,463,936	\$177,409,522	\$683,141,188	\$12,132,219	\$1,057,556,877
25.01 - 30.00	\$11,785,082	\$16,380,570	\$63,251,110	\$177,597,023	\$275,244,000	\$834,518,405	\$17,178,361	\$1,395,954,551
30.01 - 35.00	\$13,607,100	\$26,542,786	\$97,579,868	\$261,331,416	\$368,102,461	\$995,898,508	\$17,913,752	\$1,780,975,891
35.01 - 40.00	\$15,110,686	\$33,396,860	\$132,654,786	\$357,067,454	\$519,024,199	\$1,078,221,895	\$18,281,900	\$2,153,757,779
40.01 - 45.00	\$15,232,723	\$34,779,135	\$170,908,959	\$444,934,926	\$587,164,258	\$1,089,830,651	\$16,045,685	\$2,358,896,337
45.01 - 50.00	\$13,094,342	\$39,779,010	\$168,909,410	\$467,272,429	\$584,460,966	\$1,003,009,477	\$15,819,517	\$2,292,345,152
50.01 - 55.00	\$13,526,877	\$39,074,177	\$178,940,697	\$481,942,600	\$571,450,189	\$888,136,940	\$14,002,900	\$2,187,074,380
55.01 - 60.00	\$13,494,593	\$39,229,699	\$190,734,632	\$512,694,568	\$560,632,153	\$792,787,737	\$9,940,739	\$2,119,514,121
60.01 - 65.00	\$4,488,757	\$30,559,703	\$191,296,296	\$478,120,851	\$501,618,799	\$663,007,543	\$8,542,008	\$1,877,633,957
65.01 - 70.00	\$5,435,347	\$29,299,881	\$176,799,503	\$464,526,788	\$437,882,812	\$531,194,149	\$5,717,537	\$1,650,856,016
70.01 - 75.00	\$1,048,974	\$25,479,384	\$160,766,216	\$408,252,779	\$363,240,929	\$451,338,641	\$2,692,279	\$1,412,819,202
75.01 - 80.00	\$495,637	\$15,721,820	\$128,109,871	\$263,113,576	\$259,805,105	\$332,220,504	\$1,417,099	\$1,000,883,610
Greater than 80.00	\$697,850	\$2,013,960	\$79,187,934	\$164,266,506	\$162,043,910	\$158,343,557	\$232,981	\$566,786,698
Total	\$117,103,290	\$351,029,460	\$1,830,513,482	\$4,713,097,300	\$5,540,300,565	\$10,509,280,730	\$154,820,439	\$23,216,145,267



Calculation Date: 28 Feb 2023

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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