

Calculation Date: 30 Nov 2021

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 I	nformation							
<u>Series</u>	Initial Amount	Translation Rate	C\$ Equivalent	Maturity Date	Extended Due for Payment Date	Coupon Rate	Rate Type	Maturity Type
CBL3	€1,000,000,000	1.3869	\$1,386,900,000	26 Jan 2022	26 Jan 2023	0.500%	Fixed	Soft
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
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
CBL11	USD\$1,000,000,000	1.3330	\$1,333,000,000	20 Jun 2022	20 Jun 2023	2.050%	Fixed	Soft
CBL12	\$2,000,000,000	1.0000	\$2,000,000,000	30 Jun 2023	30 Jun 2024	3 month CDOR +0.850%	Floating	Soft
CBL14	\$1,000,000,000	1.0000	\$1,000,000,000	14 Nov 2023	14 Nov 2024	3 month CDOR +0.500%	Floating	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
		•	\$12,171,105,000					

Weighted Average Maturity of Outstanding Covered Bonds (months) 26.07
Weighted Average Remaining Term of Loans in Cover Pool (months) 28.92

Series Ratings	Moody's	<u>DBRS</u>	Fitch Ratings
CBL3	Aaa	AAA	AAA
CBL6	Aaa	AAA	AAA
CBL7	Aaa	AAA	AAA
CBL8	Aaa	AAA	AAA
CBL10	Aaa	AAA	AAA
CBL11	Aaa	AAA	AAA
CBL12	Aaa	AAA	AAA
CBL14	Aaa	AAA	AAA
CBL15	Aaa	AAA	AAA
CBL16	Aaa	AAA	AAA

Supplementary Information

Parties

Guarantor Entity

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

Covered Bond Trustee & Custodian Computershare Trust Company of Canada

Asset Monitor Deloitte LLP

Account Bank & GIC Provider

National Bank of Canada
Standby Account Bank & GIC Provider

Royal Bank of Canada (RBC)

Paying Agent 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 (low)	AA-
Short Term Senior Debt	A-1	P-1	R-1 M	F1+
Outlook	Stable	Stable	Positive	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	Aa2	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 actions are required if the rating of the Cash Manager (NBC) falls below the stipulated rating:

dash manager (NDO) rans below the supurated 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:

	WOOdy 5	DBKS	<u>i itcii</u>
(a) Servicer is required to transfer amounts belonging to the Guarar to the Cash Manager or the GIC Account, as applicable, within	ntor P-1(cr)*	BBB(low)	F1* or A

Moody's

DBBS

Eitch

2 business days

iii. The following actions are required if the rating of the Issuer (NBC) falls below the stipulated rating:

	Moody's	DBRS	FITCH
(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:	Moody's	<u>DBRS</u>	Fitch
(a) The Interest Rate Swap and the Covered Bond Swap will become	Baa1	BBB(high)	BBB+

(a) The Interest Rate Swap and the Covered Bond Swap will become 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>	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

(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



Calculation Date: 30 Nov 2021

Asset Coverage Test

Outstanding Covered Bonds	\$12,171,105,000	
A = Lesser of (i) LTV Adjusted True Balance and	\$14,030,606,711	A(i): \$15,299,505,420
(ii) Asset Percentage Adjusted True Balance		A(ii): \$14,030,606,711
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 : 109.14%
Z = Negative Carry Factor calculation	\$132,192,259	
Total: A + B + C + D + E - Y- Z	\$13,898,414,452	
Asset Coverage Test	PASS	

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

3.31%

Valuation Calculation

Trading Value of Covered Bonds	\$12,069,669,486
A = LTV Adjusted Loan Present Value	\$15,006,592,564
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	\$15,006,592,564

Weighted average market rate used for discounting:

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

Intercompany Loan Balance

Guarantee Loan	\$13,283,220,667
Demand Loan	\$2,377,299,488
Total	\$15,660,520,155

Covered Bonds Outstanding vs OSFI Limit

Covered Bonds Currently Outstanding (CAD Equivalent):

Issued under the Legislative Covered Bond Programme

Total \$12,171,105,000

OSFI Covered Bond Ratio^{(2),(3)}: 2.81⁽⁴⁾% 3.73⁽⁵⁾% OSFI Covered Bond Ratio Limit: 5.50%

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.

² Per OSFI's letter dated May 23, 2019, the OSFI Covered Bond Ratio refers to total assets pledged for covered bonds relative to total on-balance sheet assets. Total on-balance sheet assets as at October 31,2021.

³ CBL12 and CBL14 were issued for the purpose of accessing central bank facilities established in March 2020. On March 27, 2020, OSFI announced that the covered bond ratio limit is temporarily increased to 10% to enable access to Bank of Canada facilities while the maximum covered bond assets encumbered relating to market instruments remains limited to 5.5% of issuer's on-balance sheet assets. This temporary increase to the covered bond limit has been unwound on April 6, 2021, as announced by OSFI

 $[\]ensuremath{^{4}}$ Only includes assets that relate to covered bonds issued to the market.

s Includes assets that relate to covered bonds issued to the market as well as assets that relate to convered bonds issued for the purpose of accessing Bank of Canada facilities



Cover Pool Summary Statistics	
Previous Month Ending Balance	\$15,598,125,062
Current Balance	\$15,302,190,479
Number of Mortgage loans in Pool	116,710
Average Mortgage Size	\$131,113
Number of Properties	95,301
Number of Primary Borrowers	91,889
Weighted Average Indexed Authorized LTV	48.53%
Weighted Average Indexed Drawn LTV	42.42%
Weighted Average Original LTV	72.67%
Weighted Average Interest Rate	2.57%
Weighted Average Seasoning	27.95 months
Weighted Average Original Term	56.86 months
Weighted Average Remaining Term	28.92 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	116,640	99.94%	\$15,295,415,001	99.96%			
30 to 59 days past due	39	0.03%	\$3,242,251	0.02%			
60 to 89 days past due	19	0.02%	\$1,895,322	0.01%			
90 or more days past due	12	0.01%	\$1,637,904	0.01%			
Total	116,710	100.00%	\$15,302,190,479	100.00%			

Cover Pool Provincial Distribution				
Province	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Alberta	2,420	2.07%	\$472,836,044	3.09%
British Columbia	2,113	1.81%	\$601,226,318	3.93%
Manitoba	311	0.27%	\$42,177,211	0.28%
New Brunswick	2,137	1.83%	\$182,094,755	1.19%
Ontario	16,389	14.04%	\$3,847,714,240	25.14%
Quebec	92,817	79.53%	\$10,080,915,553	65.88%
Saskatchewan	523	0.45%	\$75,226,358	0.49%
Other	0	0.00%	\$0	0.00%
Total	116,710	100.00%	\$15,302,190,479	100.00%

Cover Pool Credit Score Distribution				
<u>Credit Score</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Score Unavailable	1,037	0.89%	\$157,790,834	1.03%
599 and below	1,183	1.01%	\$129,853,941	0.85%
600 - 650	1,916	1.64%	\$244,919,258	1.60%
651 - 700	7,626	6.53%	\$1,045,040,375	6.83%
701 - 750	18,299	15.68%	\$2,773,412,953	18.12%
751 - 800	23,712	20.32%	\$3,420,160,630	22.35%
801 and above	62,937	53.93%	\$7,531,012,487	49.22%
Total	116,710	100.00%	\$15,302,190,479	100.00%

Cover Pool Interest Rate Type Distribution				
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Fixed	99,066	84.88%	\$12,427,085,724	81.21%
Variable	17,644	15.12%	\$2,875,104,754	18.79%
Total	116,710	100.00%	\$15,302,190,479	100.00%



1,000,000 and above

Total

National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report Calculation Date: 30 Nov 2021

BANK Calculation Date: 30 Nov 2021							
Cover Pool Occupancy Type Distribution							
Occupancy Type	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage			
Owner Occupied	104,358	89.42%	\$13,195,072,254	86.23%			
Non-Owner Occupied	12,352	10.58%	\$2,107,118,225	13.77%			
Total	116,710	100.00%	\$15,302,190,479	100.00%			
Mortgage Asset Type Distribution							
Asset Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
Conventional Mortgage	49,092	42.06%	\$7,841,705,918	51.25%			
Amortizing Segment of All-in-One Product	67,618	57.94%	\$7,460,484,561	48.75%			
Total	116,710	100.00%	\$15,302,190,479	100.00%			
Cover Pool Interest Rate Distribution							
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
Less than 2.000	25,371	21.74%	\$3,764,690,385	24.60%			
2.000 - 2.999	57,378	49.16%	\$7,768,883,171	50.77%			
3.000 - 3.999	32,236	27.62%	\$3,577,645,483	23.38%			
4.000 - 4.999	719	0.62%	\$89,560,798	0.59%			
5.000 - 5.999	296	0.25%	\$36,335,368	0.24%			
6.000 - 6.999	22	0.02%	\$1,863,907	0.01%			
7.000 - 7.999	688	0.59%	\$63,211,366	0.41%			
8.000 or Greater	0	0.00%	\$0	0.00%			
Total	116,710	100.00%	\$15,302,190,479	100.00%			
Cover Pool Remaining Balance							
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
99,999 and below	59,832	51.27%	\$2,842,455,262	18.58%			
100,000 - 149,999	20,328	17.42%	\$2,516,379,752	16.44%			
150,000 - 199,999	13,987	11.98%	\$2,415,043,562	15.78%			
200,000 - 249,999	8,035	6.88%	\$1,791,188,170	11.71%			
250,000 - 299,999	4,902	4.20%	\$1,338,786,542	8.75%			
300,000 - 349,999	3,014	2.58%	\$973,439,373	6.36%			
350,000 - 399,999	1,908	1.63%	\$711,497,295	4.65%			
400,000 - 449,999	1,239	1.06%	\$524,736,180	3.43%			
450,000 - 499,999	955	0.82%	\$452,241,972	2.96%			
500,000 - 549,999	665	0.57%	\$348,031,304	2.27%			
550,000 - 599,999	475	0.41%	\$273,028,475	1.78%			
600,000 - 649,999	304	0.26%	\$189,235,901	1.24%			
650,000 - 699,999	231	0.20%	\$155,768,446	1.02%			
700,000 - 749,999	189	0.16%	\$137,060,082	0.90%			
750,000 - 799,999	119	0.10%	\$92,472,036	0.60%			
800,000 - 849,999	120	0.10%	\$99,130,132	0.65%			
850,000 - 899,999	124	0.11%	\$108,495,264	0.71%			
900,000 - 949,999	73	0.06%	\$67,126,351	0.44%			
950,000 - 999,999	38	0.03%	\$36,940,295	0.24%			

172

116,710

0.15%

100.00%

1.50%

100.00%

\$229,134,087

\$15,302,190,479



Number of Loans	<u>Percentage</u>	Principal Balance	Percentag
5,849	5.01%	\$717,603,845	4.69%
15,474	13.26%	\$1,933,348,280	12.63%
30,149	25.83%	\$3,840,546,571	25.10%
23,021	19.72%	\$3,059,164,723	19.99%
26,927	23.07%	\$3,790,710,612	24.77%
14,091	12.07%	\$1,797,961,524	11.75%
1,019	0.87%	\$140,178,610	0.92%
93	0.08%	\$11,539,149	0.08%
87	0.07%	\$11,137,165	0.07%
116,710	100.00%	\$15,302,190,479	100.00%
Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
92,015	78.84%	\$11,640,727,540	76.07%
13,920	11.93%	\$1,999,892,182	13.07%
10,775	9.23%	\$1,661,570,756	10.86%
0	0.00%	\$0	0.00%
116,710	100.00%	\$15,302,190,479	100.00%
ibution			
Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
6,423	5.50%	\$365,656,811	2.39%
4,333			2.557
4,333	3.71%	\$421,233,990	
6,176	3.71% 5.29%	\$421,233,990 \$726,803,582	2.75%
			2.75% 4.75%
6,176	5.29%	\$726,803,582	2.75% 4.75% 6.72%
6,176 8,003	5.29% 6.86%	\$726,803,582 \$1,029,032,848	2.75% 4.75% 6.72% 8.92%
6,176 8,003 10,275	5.29% 6.86% 8.80%	\$726,803,582 \$1,029,032,848 \$1,364,441,895	2.75% 4.75% 6.72% 8.92% 12.34%
6,176 8,003 10,275 13,565	5.29% 6.86% 8.80% 11.62%	\$726,803,582 \$1,029,032,848 \$1,364,441,895 \$1,888,517,456	2.75% 4.75% 6.72% 8.92% 12.34% 16.06%
6,176 8,003 10,275 13,565 17,540	5.29% 6.86% 8.80% 11.62% 15.03%	\$726,803,582 \$1,029,032,848 \$1,364,441,895 \$1,888,517,456 \$2,457,593,766	2.75% 4.75% 6.72% 8.92% 12.34% 16.06% 15.13%
6,176 8,003 10,275 13,565 17,540 15,782	5.29% 6.86% 8.80% 11.62% 15.03% 13.52%	\$726,803,582 \$1,029,032,848 \$1,364,441,895 \$1,888,517,456 \$2,457,593,766 \$2,314,658,447	2.75% 4.75% 6.72% 8.92% 12.34% 16.06% 15.13% 10.45%
6,176 8,003 10,275 13,565 17,540 15,782 11,195	5.29% 6.86% 8.80% 11.62% 15.03% 13.52% 9.59%	\$726,803,582 \$1,029,032,848 \$1,364,441,895 \$1,888,517,456 \$2,457,593,766 \$2,314,658,447 \$1,599,144,826	2.75% 4.75% 6.72% 8.92% 12.34% 16.06% 15.13% 10.45% 7.81%
6,176 8,003 10,275 13,565 17,540 15,782 11,195 8,675	5.29% 6.86% 8.80% 11.62% 15.03% 13.52% 9.59% 7.43%	\$726,803,582 \$1,029,032,848 \$1,364,441,895 \$1,888,517,456 \$2,457,593,766 \$2,314,658,447 \$1,599,144,826 \$1,194,345,342	2.75% 4.75% 6.72% 8.92% 12.34% 16.06% 15.13% 10.45% 7.81%
6,176 8,003 10,275 13,565 17,540 15,782 11,195 8,675 8,857 3,292 2,365	5.29% 6.86% 8.80% 11.62% 15.03% 13.52% 9.59% 7.43% 7.59%	\$726,803,582 \$1,029,032,848 \$1,364,441,895 \$1,888,517,456 \$2,457,593,766 \$2,314,658,447 \$1,599,144,826 \$1,194,345,342 \$1,098,646,968 \$450,132,650 \$345,443,789	2.75% 4.75% 6.72% 8.92% 12.34% 16.06% 15.13% 7.81% 7.18% 2.94% 2.26%
6,176 8,003 10,275 13,565 17,540 15,782 11,195 8,675 8,857 3,292	5.29% 6.86% 8.80% 11.62% 15.03% 13.52% 9.59% 7.43% 7.59% 2.82%	\$726,803,582 \$1,029,032,848 \$1,364,441,895 \$1,888,517,456 \$2,457,593,766 \$2,314,658,447 \$1,599,144,826 \$1,194,345,342 \$1,098,646,968 \$450,132,650	2.75% 4.75% 6.72% 8.92% 12.34% 16.06% 15.13% 7.81% 7.18% 2.94% 2.26%
6,176 8,003 10,275 13,565 17,540 15,782 11,195 8,675 8,857 3,292 2,365	5.29% 6.86% 8.80% 11.62% 15.03% 13.52% 9.59% 7.43% 7.59% 2.82% 2.03%	\$726,803,582 \$1,029,032,848 \$1,364,441,895 \$1,888,517,456 \$2,457,593,766 \$2,314,658,447 \$1,599,144,826 \$1,194,345,342 \$1,098,646,968 \$450,132,650 \$345,443,789	2.75% 4.75% 6.72% 8.92% 12.34% 16.06% 15.13% 7.81% 7.18% 2.94% 2.26% 0.30%
6,176 8,003 10,275 13,565 17,540 15,782 11,195 8,675 8,857 3,292 2,365 229	5.29% 6.86% 8.80% 11.62% 15.03% 13.52% 9.59% 7.43% 7.59% 2.82% 2.03% 0.20%	\$726,803,582 \$1,029,032,848 \$1,364,441,895 \$1,888,517,456 \$2,457,593,766 \$2,314,658,447 \$1,599,144,826 \$1,194,345,342 \$1,098,646,968 \$450,132,650 \$345,443,789 \$46,538,110	2.75% 4.75% 6.72% 8.92% 12.34% 16.06% 15.13% 7.81% 7.18% 2.94%
6,176 8,003 10,275 13,565 17,540 15,782 11,195 8,675 8,857 3,292 2,365 229	5.29% 6.86% 8.80% 11.62% 15.03% 13.52% 9.59% 7.43% 7.59% 2.82% 2.03% 0.20%	\$726,803,582 \$1,029,032,848 \$1,364,441,895 \$1,888,517,456 \$2,457,593,766 \$2,314,658,447 \$1,599,144,826 \$1,194,345,342 \$1,098,646,968 \$450,132,650 \$345,443,789 \$46,538,110	2.75% 4.75% 6.72% 8.92% 12.34% 16.06% 15.13% 7.18% 7.18% 2.94% 2.26%
	5,849 15,474 30,149 23,021 26,927 14,091 1,019 93 87 116,710 Number of Loans 92,015 13,920 10,775 0 116,710 bution Number of Loans 6,423	Number of Loans	Number of Loans

Cover Foor indexed ETV - Drawn Distribution				
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
20.00 and below	18,624	15.96%	\$1,094,259,813	7.15%
20.01 - 25.00	8,518	7.30%	\$837,349,196	5.47%
25.01 - 30.00	10,171	8.71%	\$1,183,503,234	7.73%
30.01 - 35.00	11,636	9.97%	\$1,490,505,471	9.74%
35.01 - 40.00	12,695	10.88%	\$1,782,541,442	11.65%
40.01 - 45.00	13,516	11.58%	\$2,069,707,677	13.53%
45.01 - 50.00	13,004	11.14%	\$2,098,577,514	13.71%
50.01 - 55.00	10,346	8.86%	\$1,728,675,290	11.30%
55.01 - 60.00	7,564	6.48%	\$1,265,898,885	8.27%
60.01 - 65.00	5,575	4.78%	\$897,734,085	5.87%
65.01 - 70.00	3,390	2.90%	\$555,821,994	3.63%
70.01 - 75.00	1,118	0.96%	\$195,522,404	1.28%
75.01 - 80.00	451	0.39%	\$80,365,346	0.53%
Greater than 80.00	102	0.09%	\$21,728,129	0.14%
Total	116,710	100.00%	\$15,302,190,479	100.00%



Provincial Distribution by Indexed LTV	/ - Drawn and Aging Summar	y
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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>	<u>Other</u>	<u>Total</u>
20.00 and below	\$6,365,939	\$71,654,657	\$1,850,858	\$9,118,649	\$372,100,623	\$628,162,182	\$4,531,779	\$0	\$1,093,784,686
20.01 - 25.00	\$5,465,110	\$52,558,533	\$847,900	\$7,267,484	\$303,914,913	\$463,557,214	\$3,650,311	\$0	\$837,261,465
25.01 - 30.00	\$5,581,325	\$64,626,816	\$1,334,740	\$10,849,237	\$427,548,358	\$667,706,638	\$5,522,590	\$0	\$1,183,169,704
30.01 - 35.00	\$9,609,034	\$85,417,782	\$2,723,812	\$22,558,619	\$466,969,843	\$890,512,851	\$12,390,299	\$0	\$1,490,182,240
35.01 - 40.00	\$14,518,064	\$88,387,520	\$4,573,603	\$22,852,216	\$476,998,322	\$1,159,282,844	\$15,202,439	\$0	\$1,781,815,008
40.01 - 45.00	\$23,728,928	\$78,207,315	\$5,435,796	\$15,698,632	\$519,960,768	\$1,416,685,672	\$9,114,941	\$0	\$2,068,832,052
45.01 - 50.00	\$24,583,579	\$62,469,664	\$5,411,418	\$18,247,693	\$445,042,068	\$1,536,264,627	\$5,394,733	\$0	\$2,097,413,781
50.01 - 55.00	\$39,694,522	\$42,286,409	\$4,567,701	\$19,553,482	\$356,325,127	\$1,261,923,405	\$3,328,880	\$0	\$1,727,679,525
55.01 - 60.00	\$58,986,575	\$26,190,106	\$7,446,566	\$32,497,846	\$266,200,437	\$866,314,402	\$7,671,144	\$0	\$1,265,307,076
60.01 - 65.00	\$73,084,078	\$13,791,512	\$4,319,487	\$19,288,707	\$126,551,254	\$653,400,559	\$6,767,562	\$0	\$897,203,159
65.01 - 70.00	\$104,564,130	\$9,553,366	\$2,239,123	\$2,982,826	\$56,868,301	\$378,891,201	\$408,555	\$0	\$555,507,503
70.01 - 75.00	\$53,478,142	\$5,100,180	\$1,154,238	\$339,388	\$19,361,101	\$115,124,998	\$813,529	\$0	\$195,371,575
75.01 - 80.00	\$30,497,397	\$729,213	\$271,969	\$471,933	\$8,911,356	\$38,847,634	\$429,597	\$0	\$80,159,099
Greater than 80.00	\$21,274,491	\$0	\$0	\$130,553	\$0	\$323,084	\$0	\$0	\$21,728,129
Total	\$471,431,315	\$600,973,074	\$42,177,211	\$181,857,264	\$3,846,752,469	\$10,076,997,311	\$75,226,358	\$0	\$15,295,415,001

30 to 59 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	\$91,269	\$89,961	\$0	\$0	\$181,229
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$57,529	\$0	\$0	\$57,529
25.01 - 30.00	\$0	\$0	\$0	\$41,418	\$143,959	\$148,153	\$0	\$0	\$333,530
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$142,740	\$0	\$0	\$142,740
35.01 - 40.00	\$162,467	\$0	\$0	\$0	\$0	\$56,186	\$0	\$0	\$218,653
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$341,217	\$0	\$0	\$341,217
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$288,144	\$0	\$0	\$288,144
50.01 - 55.00	\$358,009	\$0	\$0	\$0	\$0	\$107,806	\$0	\$0	\$465,815
55.01 - 60.00	\$166,990	\$0	\$0	\$0	\$0	\$298,956	\$0	\$0	\$465,946
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$282,128	\$0	\$0	\$282,128
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$314,491	\$0	\$0	\$314,491
70.01 - 75.00	\$150,829	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,829
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	\$838,295	\$0	\$0	\$41,418	\$235,228	\$2,127,310	\$0	\$0	\$3,242,251

60 to 89 days past due

Indexed LTV (%)	Alberta	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	\$144,367	\$0	\$0	\$144,367
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$30,202	\$0	\$0	\$30,202
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30.01 - 35.00	\$0	\$0	\$0	\$71,045	\$0	\$109,446	\$0	\$0	\$180,492
35.01 - 40.00	\$0	\$0	\$0	\$0	\$249,533	\$207,332	\$0	\$0	\$456,865
40.01 - 45.00	\$0	\$0	\$0	\$0	\$194,277	\$0	\$0	\$0	\$194,277
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$534,660	\$0	\$0	\$534,660
50.01 - 55.00	\$0	\$0	\$0	\$0	\$0	\$105,661	\$0	\$0	\$105,661
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60.01 - 65.00	\$123,771	\$0	\$0	\$125,027	\$0	\$0	\$0	\$0	\$248,799
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	\$123,771	\$0	\$0	\$196,073	\$443,810	\$1,131,669	\$0	\$0	\$1,895,322



Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	Ontario	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$0	\$149,529	\$0	\$0	\$0	\$0	\$0	\$0	\$149,529
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$50,916	\$0	\$0	\$50,916
40.01 - 45.00	\$236,415	\$103,715	\$0	\$0	\$0	\$0	\$0	\$0	\$340,130
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$340,929	\$0	\$0	\$340,929
50.01 - 55.00	\$0	\$0	\$0	\$0	\$282,733	\$141,555	\$0	\$0	\$424,288
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$125,863	\$0	\$0	\$125,863
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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	\$206,248	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$206,248
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$442,663	\$253,245	\$0	\$0	\$282,733	\$659,263	\$0	\$0	\$1,637,904

Cover Pool Indexed LTV - Drawn b	y Credit Bureau
Canada	

Indexed	I TV	(%)

	599 and below	600 - 650	651 - 700	701 - 750	751 - 800	801 and above	Score Unavailable	<u>Total</u>
	599 and below	000 - 030	031 - 700	<u> 701 - 730</u>	<u> 751 - 800</u>	ou i and above	Score Unavanable	<u>10tai</u>
20.00 and below	\$3,460,609	\$6,938,485	\$33,162,277	\$96,232,587	\$145,503,505	\$793,665,106	\$15,297,243	\$1,094,259,813
20.01 - 25.00	\$5,179,979	\$8,130,681	\$39,572,684	\$93,220,115	\$136,130,237	\$545,432,553	\$9,682,946	\$837,349,196
25.01 - 30.00	\$6,239,559	\$16,546,211	\$60,797,954	\$152,205,603	\$223,935,710	\$705,715,485	\$18,062,712	\$1,183,503,234
30.01 - 35.00	\$18,406,780	\$24,247,465	\$79,595,593	\$235,346,478	\$301,607,473	\$813,321,197	\$17,980,485	\$1,490,505,471
35.01 - 40.00	\$17,754,010	\$36,273,612	\$106,513,691	\$300,930,596	\$401,622,235	\$894,692,472	\$24,754,826	\$1,782,541,442
40.01 - 45.00	\$15,102,730	\$34,005,575	\$145,748,057	\$367,212,892	\$506,254,557	\$979,170,799	\$22,213,067	\$2,069,707,677
45.01 - 50.00	\$18,350,099	\$30,295,303	\$157,809,560	\$426,350,390	\$528,300,009	\$921,869,639	\$15,602,514	\$2,098,577,514
50.01 - 55.00	\$14,928,672	\$33,144,997	\$142,362,605	\$360,474,769	\$435,933,627	\$730,012,634	\$11,817,985	\$1,728,675,290
55.01 - 60.00	\$14,055,256	\$21,838,354	\$115,124,789	\$311,185,246	\$312,960,632	\$479,708,730	\$11,025,880	\$1,265,898,885
60.01 - 65.00	\$6,043,978	\$14,763,439	\$84,954,119	\$212,047,578	\$218,181,439	\$357,822,248	\$3,921,284	\$897,734,085
65.01 - 70.00	\$5,463,810	\$11,649,580	\$44,919,617	\$136,610,001	\$138,361,386	\$213,976,186	\$4,841,414	\$555,821,994
70.01 - 75.00	\$2,087,556	\$4,635,328	\$21,257,180	\$55,087,698	\$46,563,476	\$64,408,343	\$1,482,823	\$195,522,404
75.01 - 80.00	\$1,000,729	\$1,915,887	\$11,029,646	\$22,851,033	\$20,323,439	\$22,860,258	\$384,354	\$80,365,346
Greater than 80.00	\$1,780,176	\$534,340	\$2,192,602	\$3,657,969	\$4,482,906	\$8,356,836	\$723,300	\$21,728,129
Total	\$129,853,941	\$244,919,258	\$1,045,040,375	\$2,773,412,953	\$3,420,160,630	\$7,531,012,487	\$157,790,834	\$15,302,190,479



Calculation Date: 30 Nov 2021

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.

National Bank of Canada (in its capacity as a licensor of the Index (as defined below), the "NBC Licensor") has, jointly with Teranet Inc. ("Teranet" and collectively with the NBC Licensor and their third party licensors the "Licensors"), developed a methodology and algorithm to create a residential house price index. The National Bank of Canada Legislative Covered Bond Programme (the "Programme") is not endorsed, sold or promoted by the Licensors. None of the Licensors make any representation or warranty, express or implied, to the parties to the Programme or any member of the public regarding the advisability or recommendation of investing in the Programme particularly or concerning the results to be obtained from the Teranet-National Bank House Price IndexTM and the Teranet-National Bank Regional and Property Type Sub-IndicesTM (the "Index") and its ability to track the performance of the residential real estate and housing markets or concerning the extent to which the capital value or income return of the Programme matches or will match the performance of the Index or the levels at which Index may stand at a particular date. The Licensors' only relationship to National Bank of Canada as licensee (in such capacity, "NBC") is the licensing of certain trademarks and trade names of the Licensors without regards to NBC or the Programme. The Licensors have no obligation to take the needs of NBC or the parties to the Programme into consideration in determining, composing or calculating the Index. None of the Licensors is responsible for and none has participated in determining the pricing, quantities or timing of the execution of the Programme by the parties thereto or the assessment or method of settlement calculation therefor. The Licensors have no obligation or liability in connection with the administration, marketing or trading of the Programme.

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