



National Bank of Canada Legislative Covered Bond Programme  
Monthly Investor Report  
Calculation Date: 30 Oct 2020

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

Series	Initial Amount	Translation Rate	C\$ Equivalent	Maturity Date	Extended Due for Payment Date	Coupon Rate	Rate Type	Maturity Type
CBL2	€1,000,000,000	1.5363	\$1,536,300,000	25 Mar 2021	25 Mar 2022	1.500%	Fixed	Soft
CBL3	€1,000,000,000	1.3869	\$1,386,900,000	26 Jan 2022	26 Jan 2023	0.500%	Fixed	Soft
CBL5	£100,000,000	1.7100	\$171,000,000	27 Sep 2021	27 Sep 2022	3 month £ Libor +0.370%	Floating	Soft
CBL5 (Tranche 2)	£70,000,000	1.6400	\$114,800,000	27 Sep 2021	27 Sep 2022	3 month £ Libor +0.370%	Floating	Soft
CBL5 (Tranche 3)	£80,000,000	1.6460	\$131,680,000	27 Sep 2021	27 Sep 2022	3 month £ Libor +0.370%	Floating	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
CBL9	USD\$270,000,000	1.3321	\$359,667,000	14 Dec 2020	14 Dec 2021	3 month USD Libor +0.180%	Floating	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
CBL13	USD\$200,000,000	1.3993	\$279,860,000	20 Oct 2021	20 Oct 2022	3 month USD Libor +0.450%	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
						\$12,905,562,000		

Weighted Average Maturity of Outstanding Covered Bonds (months) 26.82  
Weighted Average Remaining Term of Loans in Cover Pool (months) 29.17

**Series Ratings**

	<b>Moody's</b>	<b>DBRS</b>	<b>Fitch Ratings</b>
CBL2	Aaa	AAA	AAA
CBL3	Aaa	AAA	AAA
CBL5	Aaa	AAA	AAA
CBL5 (Tranche 2)	Aaa	AAA	AAA
CBL5 (Tranche 3)	Aaa	AAA	AAA
CBL6	Aaa	AAA	AAA
CBL7	Aaa	AAA	AAA
CBL8	Aaa	AAA	AAA
CBL9	Aaa	AAA	AAA
CBL10	Aaa	AAA	AAA
CBL11	Aaa	AAA	AAA
CBL12	Aaa	AAA	AAA
CBL13	Aaa	AAA	AAA
CBL14	Aaa	AAA	AAA



Supplementary Information

**Parties**

Issuer	National Bank of Canada (NBC)
Guarantor Entity	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**

	<u>Standard &amp; Poor's</u>	<u>Moody's</u>	<u>DBRS</u>	<u>Fitch Ratings</u>
Long Term Senior Debt	A	Aa3	AA (low)	AA-
Short Term Senior Debt	A-1	P-1	R-1 M	F1+
Outlook	Stable	Stable	Stable	Negative
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)**

	<u>Moody's (Deposit Rating)</u>	<u>DBRS (Debt Ratings)</u>	<u>Fitch Ratings (Issuer Default Rating)</u>
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)**

	<u>Moody's</u>	<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**

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

	<u>Moody's</u>	<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:

	<u>Moody's</u>	<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:

	<u>Moody's</u>	<u>DBRS</u>	<u>Fitch</u>
(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 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:

	<u>Moody's</u>	<u>DBRS</u>	<u>Fitch</u>
(a) The Interest Rate Swap and the Covered Bond Swap will become effective except as otherwise provided in the Covered Bond Swaps Agreements	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.

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



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Asset Coverage Test

Outstanding Covered Bonds	\$12,905,562,000
A = Lesser of (i) LTV Adjusted True Balance and (ii) Asset Percentage Adjusted True Balance	\$15,359,685,739
B = Principal Receipts	\$0
C = Cash Capital Contributions	\$0
D = Substitute Assets	\$0
E = Reserve Fund Balance	\$0
Y = Contingent Collateral Amount	\$0
Z = Negative Carry Factor calculation	\$144,231,958
<b>Total: A + B + C + D + E - Y - Z</b>	<b>\$15,215,453,781</b>

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

<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.

Valuation Calculation

Trading Value of Covered Bonds	\$13,476,557,969
A = LTV Adjusted Loan Present Value	\$16,477,715,996
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
<b>Present Value Adjusted Aggregate Asset Amount</b>	
<b>Total: A + B + C + D + E + F</b>	<b>\$16,477,715,996</b>

Weighted average market rate used for discounting: 3.35%

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
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Intercompany Loan Balance

Guarantee Loan	\$14,084,750,131
Demand Loan	\$3,025,640,266
<b>Total</b>	<b>\$17,110,390,397</b>

Covered Bonds Outstanding vs OSFI Limit

Covered Bonds Currently Outstanding (CAD Equivalent):

Issued under the Legislative Covered Bond Programme	\$12,905,562,000
<b>Total</b>	<b>\$12,905,562,000</b>

OSFI Covered Bond Ratio<sup>2</sup>:

3.35%

OSFI Covered Bond Ratio Limit: OSFI

5.50%

Temporary Covered Bond Ratio\*:

4.37%

OSFI Temporary Covered Bond Ratio Limit\*:

10.00%

<sup>1</sup>CBL12 and CBL14 were issued for the purpose of accessing central bank facilities established in March 2020. Also, 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.

<sup>2</sup> 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 July 31, 2020.



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Cover Pool Summary Statistics

Previous Month Ending Balance	\$17,100,432,091
Current Balance	\$16,760,354,965
Number of Mortgage loans in Pool	126,718
Average Mortgage Size	\$132,265
Number of Properties	101,292
Number of Primary Borrowers	97,342
Weighted Average Indexed Authorized LTV	56.41%
Weighted Average Indexed Drawn LTV	49.87%
Weighted Average Original LTV	72.33%
Weighted Average Interest Rate	2.70%
Weighted Average Seasoning	26.36 months
Weighted Average Original Term	55.53 months
Weighted Average Remaining Term	29.17 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	Percentage	Principal Balance	Percentage
Current and less than 30 days past due	126,503	99.83%	\$16,732,023,929	99.83%
30 to 59 days past due	95	0.07%	\$11,901,180	0.07%
60 to 89 days past due	36	0.03%	\$6,004,813	0.04%
90 or more days past due	84	0.07%	\$10,425,042	0.06%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>

Cover Pool Provincial Distribution

Province	Number of Loans	Percentage	Principal Balance	Percentage
Alberta	2,750	2.17%	\$558,834,899	3.33%
British Columbia	2,546	2.01%	\$758,050,717	4.52%
Manitoba	370	0.29%	\$49,855,033	0.30%
New Brunswick	2,305	1.82%	\$197,969,501	1.18%
Ontario	18,695	14.75%	\$4,417,649,661	26.36%
Quebec	99,475	78.50%	\$10,691,484,028	63.79%
Saskatchewan	577	0.46%	\$86,511,127	0.52%
Other	0	0.00%	\$0	0.00%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>

Cover Pool Credit Score Distribution

Credit Score*	Number of Loans	Percentage	Principal Balance	Percentage
Score Unavailable	1,130	0.89%	\$166,384,053	0.99%
599 and below	1,588	1.25%	\$185,687,474	1.11%
600 - 650	2,569	2.03%	\$324,143,167	1.93%
651 - 700	8,924	7.04%	\$1,271,015,080	7.58%
701 - 750	20,990	16.56%	\$3,191,353,108	19.04%
751 - 800	25,764	20.33%	\$3,742,425,089	22.33%
801 and above	65,753	51.89%	\$7,879,346,993	47.01%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>

\* As of December 2019, National Bank implemented a new credit bureau score for its portfolio management activities. As a result of this change, the credit bureau scores in the table are not comparable to periods prior to December 2019.

Cover Pool Interest Rate Type Distribution

Interest Rate Type	Number of Loans	Percentage	Principal Balance	Percentage
Fixed	107,297	84.67%	\$13,474,734,816	80.40%
Variable	19,421	15.33%	\$3,285,620,149	19.60%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>



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Cover Pool Occupancy Type Distribution

<u>Occupancy Type</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
Owner Occupied	113,006	89.18%	\$14,460,903,646	86.28%
Non-Owner Occupied	13,712	10.82%	\$2,299,451,318	13.72%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>

Mortgage Asset Type Distribution

<u>Asset Type</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
Conventional Mortgage	54,931	43.35%	\$8,768,344,473	52.32%
Amortizing Segment of All-in-One Product	71,787	56.65%	\$7,992,010,491	47.68%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>

Cover Pool Interest Rate Distribution

<u>Interest Rate (%)</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
Less than 2.000	15,809	12.48%	\$2,756,759,845	16.45%
2.000 - 2.999	66,966	52.85%	\$8,902,624,268	53.12%
3.000 - 3.999	41,695	32.90%	\$4,853,931,162	28.96%
4.000 - 4.999	1,113	0.88%	\$134,199,134	0.80%
5.000 - 5.999	273	0.22%	\$34,285,968	0.20%
6.000 - 6.999	26	0.02%	\$2,145,788	0.01%
7.000 - 7.999	836	0.66%	\$76,408,798	0.46%
8.000 or Greater	0	0.00%	\$0	0.00%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>

Cover Pool Remaining Balance

<u>Remaining Principal Balance (\$)</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
99,999 and below	65,046	51.33%	\$3,103,070,668	18.51%
100,000 - 149,999	21,923	17.30%	\$2,712,688,299	16.19%
150,000 - 199,999	15,140	11.95%	\$2,616,676,376	15.61%
200,000 - 249,999	8,709	6.87%	\$1,942,835,672	11.59%
250,000 - 299,999	5,261	4.15%	\$1,435,821,006	8.57%
300,000 - 349,999	3,293	2.60%	\$1,064,003,525	6.35%
350,000 - 399,999	2,105	1.66%	\$785,437,788	4.69%
400,000 - 449,999	1,341	1.06%	\$568,058,027	3.39%
450,000 - 499,999	989	0.78%	\$468,513,626	2.80%
500,000 - 549,999	716	0.57%	\$374,711,644	2.24%
550,000 - 599,999	496	0.39%	\$283,301,414	1.69%
600,000 - 649,999	381	0.30%	\$237,593,167	1.42%
650,000 - 699,999	237	0.19%	\$159,765,826	0.95%
700,000 - 749,999	221	0.17%	\$159,975,705	0.95%
750,000 - 799,999	178	0.14%	\$137,506,886	0.82%
800,000 - 849,999	142	0.11%	\$117,201,248	0.70%
850,000 - 899,999	114	0.09%	\$99,870,400	0.60%
900,000 - 949,999	128	0.10%	\$118,235,966	0.71%
950,000 - 999,999	52	0.04%	\$50,421,200	0.30%
1,000,000 and above	246	0.19%	\$324,666,523	1.94%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>



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Cover Pool Months to Maturity Distribution

<u>Months to Maturity</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
5 or Less	8,899	7.02%	\$1,006,028,822	6.00%
6 - 11	14,717	11.61%	\$1,721,493,472	10.27%
12 - 23	29,029	22.91%	\$3,904,972,091	23.30%
24 - 35	32,294	25.48%	\$4,465,980,324	26.65%
36 - 47	22,629	17.86%	\$3,244,931,465	19.36%
48 - 59	17,615	13.90%	\$2,225,127,649	13.28%
60 - 71	1,409	1.11%	\$173,440,167	1.03%
72 - 83	26	0.02%	\$3,734,159	0.02%
84 or Greater	100	0.08%	\$14,646,817	0.09%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>

Cover Pool Property Type Distribution

<u>Property Type</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
Single Family	99,568	78.57%	\$12,803,160,518	76.39%
Condominium	15,119	11.93%	\$2,137,957,347	12.76%
2-4 Family Units	12,031	9.49%	\$1,819,237,099	10.85%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>

Cover Pool Indexed LTV - Authorized Distribution

<u>Indexed LTV (%)</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
20.00 and below	4,255	3.36%	\$212,901,119	1.27%
20.01 - 25.00	2,694	2.13%	\$216,265,080	1.29%
25.01 - 30.00	3,781	2.98%	\$380,673,520	2.27%
30.01 - 35.00	5,390	4.25%	\$654,282,014	3.90%
35.01 - 40.00	6,628	5.23%	\$881,726,542	5.26%
40.01 - 45.00	8,248	6.51%	\$1,132,143,633	6.75%
45.01 - 50.00	9,850	7.77%	\$1,440,906,846	8.60%
50.01 - 55.00	12,375	9.77%	\$1,820,347,926	10.86%
55.01 - 60.00	15,802	12.47%	\$2,346,773,991	14.00%
60.01 - 65.00	17,740	14.00%	\$2,524,359,485	15.06%
65.01 - 70.00	17,463	13.78%	\$2,468,576,652	14.73%
70.01 - 75.00	13,595	10.73%	\$1,619,764,690	9.66%
75.01 - 80.00	7,832	6.18%	\$890,686,259	5.31%
Greater than 80.00	1,065	0.84%	\$170,947,208	1.02%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>

Cover Pool Indexed LTV - Drawn Distribution

<u>Indexed LTV (%)</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
20.00 and below	13,759	10.86%	\$728,227,343	4.34%
20.01 - 25.00	6,288	4.96%	\$549,954,836	3.28%
25.01 - 30.00	7,343	5.79%	\$749,944,384	4.47%
30.01 - 35.00	8,887	7.01%	\$1,053,017,468	6.28%
35.01 - 40.00	9,950	7.85%	\$1,292,150,188	7.71%
40.01 - 45.00	11,011	8.69%	\$1,511,420,430	9.02%
45.01 - 50.00	11,989	9.46%	\$1,765,556,307	10.53%
50.01 - 55.00	12,736	10.05%	\$1,961,827,624	11.71%
55.01 - 60.00	13,118	10.35%	\$2,118,546,038	12.64%
60.01 - 65.00	13,064	10.31%	\$2,088,483,123	12.46%
65.01 - 70.00	10,653	8.41%	\$1,735,741,590	10.36%
70.01 - 75.00	6,176	4.87%	\$903,270,477	5.39%
75.01 - 80.00	1,419	1.12%	\$235,320,182	1.40%
Greater than 80.00	325	0.26%	\$66,894,974	0.40%
<b>Total</b>	<b>126,718</b>	<b>100.00%</b>	<b>\$16,760,354,965</b>	<b>100.00%</b>



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Provincial Distribution by Indexed LTV - Drawn and Aging Summary

Current and less than 30 days past due

Indexed LTV (%)	Alberta	British Columbia	Manitoba	New Brunswick	Ontario	Quebec	Saskatchewan	Other	Total
20.00 and below	\$6,037,483	\$58,054,404	\$1,839,647	\$5,915,419	\$251,387,355	\$402,328,500	\$2,109,009	\$0	\$727,671,817
20.01 - 25.00	\$4,573,003	\$35,354,247	\$619,133	\$5,757,972	\$208,762,942	\$292,176,590	\$2,295,857	\$0	\$549,539,744
25.01 - 30.00	\$7,542,500	\$53,870,698	\$1,157,754	\$6,843,764	\$280,804,557	\$394,525,260	\$3,448,481	\$0	\$748,193,014
30.01 - 35.00	\$8,350,166	\$60,506,719	\$2,097,771	\$9,732,622	\$432,621,694	\$534,005,174	\$4,452,946	\$0	\$1,051,767,091
35.01 - 40.00	\$11,247,132	\$86,535,049	\$2,489,484	\$19,987,840	\$476,912,898	\$681,645,560	\$11,324,479	\$0	\$1,290,142,442
40.01 - 45.00	\$15,627,334	\$86,750,737	\$2,315,407	\$27,931,800	\$462,224,262	\$899,606,712	\$15,211,085	\$0	\$1,509,667,337
45.01 - 50.00	\$28,203,480	\$101,568,410	\$5,218,206	\$20,401,708	\$500,922,235	\$1,092,852,898	\$14,498,776	\$0	\$1,763,665,712
50.01 - 55.00	\$23,851,274	\$86,748,829	\$6,894,224	\$13,863,401	\$509,374,346	\$1,309,202,528	\$7,641,728	\$0	\$1,957,576,330
55.01 - 60.00	\$43,329,264	\$73,244,515	\$8,030,718	\$19,504,447	\$464,937,180	\$1,500,818,366	\$5,478,304	\$0	\$2,115,342,793
60.01 - 65.00	\$62,239,719	\$53,372,795	\$5,876,869	\$17,505,665	\$401,940,535	\$1,538,103,115	\$4,562,467	\$0	\$2,083,601,165
65.01 - 70.00	\$80,066,887	\$34,618,745	\$8,662,225	\$27,727,692	\$318,590,637	\$1,254,743,811	\$8,487,340	\$0	\$1,732,897,336
70.01 - 75.00	\$110,469,608	\$20,016,828	\$4,103,172	\$21,714,574	\$87,518,384	\$651,104,637	\$5,970,999	\$0	\$900,898,202
75.01 - 80.00	\$93,608,595	\$5,252,607	\$550,423	\$395,372	\$12,493,521	\$121,563,917	\$570,694	\$0	\$234,435,130
Greater than 80.00	\$62,313,612	\$786,338	\$0	\$0	\$994,685	\$2,396,154	\$135,028	\$0	\$66,625,817
<b>Total</b>	<b>\$557,460,058</b>	<b>\$756,680,920</b>	<b>\$49,855,033</b>	<b>\$197,282,276</b>	<b>\$4,409,485,230</b>	<b>\$10,675,073,220</b>	<b>\$86,187,192</b>	<b>\$0</b>	<b>\$16,732,023,929</b>

30 to 59 days past due

Indexed LTV (%)	Alberta	British Columbia	Manitoba	New Brunswick	Ontario	Quebec	Saskatchewan	Other	Total
20.00 and below	\$0	\$0	\$0	\$0	\$205,187	\$151,577	\$0	\$0	\$356,764
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$550,745	\$0	\$0	\$0	\$466,605	\$0	\$0	\$1,017,350
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$680,915	\$0	\$0	\$680,915
35.01 - 40.00	\$0	\$562,234	\$0	\$0	\$205,068	\$131,379	\$0	\$0	\$898,681
40.01 - 45.00	\$0	\$0	\$0	\$186,055	\$101,440	\$454,164	\$0	\$0	\$741,660
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$204,714	\$0	\$0	\$204,714
50.01 - 55.00	\$0	\$0	\$0	\$0	\$327,122	\$681,151	\$0	\$0	\$1,008,272
55.01 - 60.00	\$0	\$0	\$0	\$154,179	\$364,792	\$963,147	\$0	\$0	\$1,482,118
60.01 - 65.00	\$501,144	\$0	\$0	\$0	\$602,083	\$953,738	\$0	\$0	\$2,056,965
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$1,247,865	\$0	\$0	\$1,247,865
70.01 - 75.00	\$0	\$0	\$0	\$0	\$857,479	\$681,045	\$0	\$0	\$1,538,525
75.01 - 80.00	\$375,568	\$0	\$0	\$0	\$0	\$291,784	\$0	\$0	\$667,352
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$876,712</b>	<b>\$1,112,978</b>	<b>\$0</b>	<b>\$340,235</b>	<b>\$2,663,171</b>	<b>\$6,908,085</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,901,180</b>

60 to 89 days past due

Indexed LTV (%)	Alberta	British Columbia	Manitoba	New Brunswick	Ontario	Quebec	Saskatchewan	Other	Total
20.00 and below	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$63,811	\$0	\$0	\$63,811
25.01 - 30.00	\$0	\$0	\$0	\$0	\$578,910	\$92,455	\$0	\$0	\$671,364
30.01 - 35.00	\$0	\$0	\$0	\$0	\$388,184	\$0	\$0	\$0	\$388,184
35.01 - 40.00	\$0	\$0	\$0	\$151,840	\$0	\$0	\$0	\$0	\$151,840
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$38,955	\$0	\$0	\$38,955
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$510,170	\$0	\$0	\$510,170
50.01 - 55.00	\$0	\$0	\$0	\$0	\$1,085,028	\$1,571,869	\$0	\$0	\$2,656,897
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$0	\$47,320	\$0	\$47,320
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$698,743	\$0	\$0	\$698,743
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$353,492	\$0	\$0	\$353,492
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$154,879	\$0	\$0	\$154,879
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Greater than 80.00	\$269,157	\$0	\$0	\$151,840	\$2,052,122	\$3,484,375	\$47,320	\$0	\$6,004,813
<b>Total</b>	<b>\$269,157</b>	<b>\$0</b>	<b>\$0</b>	<b>\$151,840</b>	<b>\$2,052,122</b>	<b>\$3,484,375</b>	<b>\$47,320</b>	<b>\$0</b>	<b>\$6,004,813</b>



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<u>90 or more days past due</u> <u>Indexed LTV (%)</u>	<u>Alberta</u>	<u>British Columbia</u>	<u>Manitoba</u>	<u>New Brunswick</u>	<u>Ontario</u>	<u>Quebec</u>	<u>Saskatchewan</u>	<u>Other</u>	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$0	\$89,858	\$108,904	\$0	\$0	\$198,763
20.01 - 25.00	\$0	\$0	\$0	\$0	\$334,192	\$17,090	\$0	\$0	\$351,281
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$62,656	\$0	\$0	\$62,656
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$181,278	\$0	\$0	\$181,278
35.01 - 40.00	\$0	\$0	\$0	\$0	\$674,684	\$282,542	\$0	\$0	\$957,225
40.01 - 45.00	\$0	\$0	\$0	\$0	\$574,929	\$262,947	\$134,603	\$0	\$972,478
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$1,033,698	\$142,012	\$0	\$1,175,710
50.01 - 55.00	\$0	\$256,819	\$0	\$83,982	\$0	\$245,324	\$0	\$0	\$586,125
55.01 - 60.00	\$0	\$0	\$0	\$0	\$375,403	\$1,298,405	\$0	\$0	\$1,673,807
60.01 - 65.00	\$0	\$0	\$0	\$111,168	\$1,154,151	\$860,933	\$0	\$0	\$2,126,251
65.01 - 70.00	\$0	\$0	\$0	\$0	\$245,923	\$996,973	\$0	\$0	\$1,242,896
70.01 - 75.00	\$228,972	\$0	\$0	\$0	\$0	\$449,899	\$0	\$0	\$678,871
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$217,700	\$0	\$0	\$217,700
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$228,972</b>	<b>\$256,819</b>	<b>\$0</b>	<b>\$195,150</b>	<b>\$3,449,139</b>	<b>\$6,018,348</b>	<b>\$276,615</b>	<b>\$0</b>	<b>\$10,425,042</b>

Cover Pool Indexed LTV - Drawn by Credit Bureau

Score\*

Indexed LTV (%)

	<u>599 and below</u>	<u>600 - 650</u>	<u>651 - 700</u>	<u>701 - 750</u>	<u>751 - 800</u>	<u>801 and above</u>	<u>Score Unavailable</u>		<u>Total</u>
20.00 and below	\$2,725,099	\$4,509,451	\$18,572,459	\$66,892,363	\$86,035,158	\$538,664,581	\$10,828,233	\$728,227,343	
20.01 - 25.00	\$2,714,918	\$5,198,528	\$22,296,770	\$69,054,802	\$84,313,071	\$358,233,888	\$8,142,860	\$549,954,836	
25.01 - 30.00	\$4,489,333	\$8,375,834	\$33,298,231	\$91,786,897	\$145,796,515	\$456,055,826	\$10,141,749	\$749,944,384	
30.01 - 35.00	\$12,234,331	\$18,532,873	\$50,420,599	\$141,544,463	\$204,304,953	\$610,050,018	\$15,930,231	\$1,053,017,468	
35.01 - 40.00	\$11,795,758	\$18,200,545	\$78,334,957	\$193,986,593	\$263,473,547	\$712,509,569	\$13,849,220	\$1,292,150,188	
40.01 - 45.00	\$19,457,049	\$28,141,143	\$96,476,122	\$251,444,637	\$344,671,932	\$751,856,788	\$19,372,759	\$1,511,420,430	
45.01 - 50.00	\$20,304,483	\$30,772,714	\$128,244,554	\$336,644,931	\$393,337,117	\$836,470,359	\$19,782,150	\$1,765,556,307	
50.01 - 55.00	\$22,037,348	\$40,218,864	\$154,490,939	\$371,709,095	\$481,692,496	\$870,670,559	\$21,008,324	\$1,961,827,624	
55.01 - 60.00	\$26,223,202	\$49,855,563	\$177,647,539	\$450,668,036	\$519,568,191	\$876,997,094	\$17,586,411	\$2,118,546,038	
60.01 - 65.00	\$26,765,816	\$45,632,192	\$189,327,274	\$473,957,092	\$526,396,532	\$811,675,375	\$14,728,841	\$2,088,483,123	
65.01 - 70.00	\$19,029,354	\$42,408,020	\$179,305,449	\$429,881,227	\$416,644,481	\$640,279,723	\$8,193,336	\$1,735,741,590	
70.01 - 75.00	\$10,742,730	\$23,968,586	\$99,432,543	\$231,726,975	\$214,196,268	\$320,017,752	\$3,185,623	\$903,270,477	
75.01 - 80.00	\$4,720,180	\$5,823,828	\$31,488,237	\$65,169,435	\$50,609,769	\$75,236,139	\$2,272,594	\$235,320,182	
Greater than 80.00	\$2,447,874	\$2,505,025	\$11,679,407	\$16,886,563	\$11,385,059	\$20,629,324	\$1,361,721	\$66,894,974	
<b>Total</b>	<b>\$185,687,474</b>	<b>\$324,143,167</b>	<b>\$1,271,015,080</b>	<b>\$3,191,353,108</b>	<b>\$3,742,425,089</b>	<b>\$7,879,346,993</b>	<b>\$166,384,053</b>	<b>\$16,760,354,965</b>	

\* As of December 2019, National Bank implemented a new credit bureau score for its portfolio management activities. As a result of this change, the credit bureau scores in the table are not comparable to periods prior to December 2019.



#### 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](http://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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