

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
			<u>\$9,625,702,000</u>					

Weighted Average Maturity of Outstanding Covered Bonds (months)	36.23
Weighted Average Remaining Term of Loans in Cover Pool (months)	28.51

### Series Ratings

	Moody's	DBRS	Fitch Ratings
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

### 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.

**National Bank of Canada Ratings**

	Standard & Poor's	Moody's	DBRS	Fitch Ratings
Long Term Senior Debt	A	Aa3	AA (low)	A+
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	DBRS	Fitch
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:

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

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

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

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

	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 Covered Bonds	P-1*	6 months: A(high) 12 months: A(low)	F1+*

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

	Moody's	DBRS	Fitch
(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.

	Moody's	DBRS	Fitch
(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	No
Guarantor Event of Default	No

**Asset Coverage Test**

<b>Outstanding Covered Bonds</b>	<b>\$9,625,702,000</b>	
A = Lesser of (i) LTV Adjusted True Balance and (ii) Asset Percentage Adjusted True Balance	\$14,619,340,082	A(i): \$15,939,682,503 A(ii): \$14,619,340,082
B = Principal Receipts	\$0	Asset Percentage: 91.70%
C = Cash Capital Contributions	\$0	Maximum Asset Percentage: 93.00%
D = Substitute Assets	\$0	
E = Reserve Fund Balance	\$0	Regulatory OC Minimum: 103.00%
Y = Contingent Collateral Amount	\$0	Level of Overcollateralization <sup>1</sup> : 109.14%
Z = Negative Carry Factor calculation	\$145,312,582	
<b>Total: A + B + C + D + E - Y - Z</b>	<b>\$14,474,027,500</b>	

**Asset Coverage Test** **PASS**

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**

<b>Trading Value of Covered Bonds</b>	<b>\$9,660,394,490</b>
A = LTV Adjusted Loan Present Value	\$15,588,445,501
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>\$15,588,445,501</b>

Weighted average market rate used for discounting: 4.01%

**Amortization Test**

Event of Default on the part of the registered Issuer?	No
Do any Covered Bonds remain outstanding?	Yes
Amortization Test Required?	No
 Amortization Test	 N/A

**Intercompany Loan Balance**

Guarantee Loan	\$10,505,705,830
Demand Loan	\$5,659,444,300
<b>Total</b>	<b>\$16,165,150,130</b>

**Covered Bonds Outstanding vs OSFI Limit**

Covered Bonds Currently Outstanding (CAD Equivalent):	
Issued under the Legislative Covered Bond Programme	\$9,625,702,000
<b>Total</b>	<b>\$9,625,702,000</b>

OSFI Covered Bond Ratio<sup>2</sup>: 3.73%  
 OSFI Covered Bond Ratio Limit: 5.50%

<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 October 31, 2019.

**Cover Pool Summary Statistics**

Previous Month Ending Balance	\$16,212,052,304
Current Balance	\$15,944,603,004
Number of Mortgage loans in Pool	123,109
Average Mortgage Size	\$129,516
Number of Properties	96,272
Number of Primary Borrowers	92,487
Weighted Average Indexed Authorized LTV	59.52%
Weighted Average Indexed Drawn LTV	52.58%
Weighted Average Original LTV	71.72%
Weighted Average Interest Rate	3.01%
Weighted Average Seasoning	26.03 months
Weighted Average Original Term	54.54 months
Weighted Average Remaining Term	28.51 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**

	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
Current and less than 30 days past due	123,001	99.91%	\$15,931,603,712	99.92%
30 to 59 days past due	73	0.06%	\$9,202,088	0.06%
60 to 89 days past due	14	0.01%	\$1,783,187	0.01%
90 or more days past due	21	0.02%	\$2,014,016	0.01%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</b>	<b>100.00%</b>

**Cover Pool Provincial Distribution**

<u>Province</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
Alberta	2,908	2.36%	\$598,827,587	3.76%
British Columbia	2,802	2.28%	\$857,884,907	5.38%
Manitoba	411	0.33%	\$53,342,880	0.33%
New Brunswick	2,141	1.74%	\$177,607,600	1.11%
Ontario	18,790	15.26%	\$4,358,613,670	27.34%
Quebec	95,461	77.54%	\$9,808,179,190	61.51%
Saskatchewan	596	0.48%	\$90,147,170	0.57%
Other	0	0.00%	\$0	0.00%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</b>	<b>100.00%</b>

**Cover Pool Credit Score Distribution**

<u>Credit Score</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
Score Unavailable	1,619	1.32%	\$237,822,886	1.49%
599 and below	1,277	1.04%	\$150,691,065	0.95%
600 - 650	3,025	2.46%	\$423,208,765	2.65%
651 - 700	11,413	9.27%	\$1,684,335,530	10.56%
701 - 750	38,504	31.28%	\$5,322,437,342	33.38%
751 - 800	51,876	42.14%	\$6,352,910,883	39.84%
801 and above	15,395	12.51%	\$1,773,196,533	11.12%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</b>	<b>100.00%</b>

**Cover Pool Interest Rate Type Distribution**

<u>Interest Rate Type</u>	<u>Number of Loans</u>	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>
Fixed	100,419	81.57%	\$12,205,143,585	76.55%
Variable	22,690	18.43%	\$3,739,459,419	23.45%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</b>	<b>100.00%</b>

**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	108,762	88.35%	\$13,579,888,200	85.17%
Non-Owner Occupied	14,347	11.65%	\$2,364,714,804	14.83%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</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	51,663	41.97%	\$7,996,922,691	50.15%
Amortizing Segment of All-in-One Product	71,446	58.03%	\$7,947,680,313	49.85%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</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	96	0.08%	\$11,681,552	0.07%
2.000 - 2.999	63,577	51.64%	\$8,263,802,222	51.83%
3.000 - 3.999	57,378	46.61%	\$7,427,363,961	46.58%
4.000 - 4.999	1,268	1.03%	\$153,429,927	0.96%
5.000 - 5.999	190	0.15%	\$22,808,559	0.14%
6.000 - 6.999	29	0.02%	\$2,572,486	0.02%
7.000 - 7.999	571	0.46%	\$62,944,297	0.39%
8.000 or Greater	0	0.00%	\$0	0.00%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</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	65,200	52.96%	\$3,103,326,004	19.46%
100,000 - 149,999	21,101	17.14%	\$2,607,781,795	16.36%
150,000 - 199,999	14,342	11.65%	\$2,484,815,592	15.58%
200,000 - 249,999	7,905	6.42%	\$1,764,041,664	11.06%
250,000 - 299,999	4,736	3.85%	\$1,291,501,444	8.10%
300,000 - 349,999	2,998	2.44%	\$968,796,461	6.08%
350,000 - 399,999	1,875	1.52%	\$700,964,118	4.40%
400,000 - 449,999	1,227	1.00%	\$520,038,736	3.26%
450,000 - 499,999	889	0.72%	\$421,280,650	2.64%
500,000 - 549,999	603	0.49%	\$315,762,351	1.98%
550,000 - 599,999	462	0.38%	\$264,245,763	1.66%
600,000 - 649,999	344	0.28%	\$214,590,123	1.35%
650,000 - 699,999	234	0.19%	\$157,498,089	0.99%
700,000 - 749,999	213	0.17%	\$153,933,191	0.97%
750,000 - 799,999	196	0.16%	\$151,926,642	0.95%
800,000 - 849,999	141	0.11%	\$116,522,290	0.73%
850,000 - 899,999	130	0.11%	\$113,597,698	0.71%
900,000 - 949,999	146	0.12%	\$135,184,031	0.85%
950,000 - 999,999	82	0.07%	\$79,640,885	0.50%
1,000,000 and above	285	0.23%	\$379,155,477	2.38%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</b>	<b>100.00%</b>

**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	10,432	8.47%	\$1,140,231,738	7.15%
6 - 11	17,242	14.01%	\$1,906,126,188	11.95%
12 - 23	27,397	22.25%	\$3,367,781,384	21.12%
24 - 35	26,732	21.71%	\$3,753,792,572	23.54%
36 - 47	29,087	23.63%	\$4,186,600,341	26.26%
48 - 59	11,037	8.97%	\$1,428,268,494	8.96%
60 - 71	1,050	0.85%	\$144,065,041	0.90%
72 - 83	46	0.04%	\$4,712,508	0.03%
84 or Greater	86	0.07%	\$13,024,739	0.08%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</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	96,934	78.74%	\$12,269,302,078	76.95%
Condominium	14,109	11.46%	\$1,907,051,789	11.96%
2-4 Family Units	12,066	9.80%	\$1,768,249,137	11.09%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</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	3,444	2.80%	\$154,119,948	0.97%
20.01 - 25.00	2,178	1.77%	\$170,872,410	1.07%
25.01 - 30.00	2,967	2.41%	\$272,852,381	1.71%
30.01 - 35.00	4,188	3.40%	\$469,913,220	2.95%
35.01 - 40.00	5,599	4.55%	\$697,224,129	4.37%
40.01 - 45.00	6,916	5.62%	\$945,694,166	5.93%
45.01 - 50.00	8,287	6.73%	\$1,163,660,132	7.30%
50.01 - 55.00	9,873	8.02%	\$1,404,922,382	8.81%
55.01 - 60.00	12,177	9.89%	\$1,758,818,645	11.03%
60.01 - 65.00	14,774	12.00%	\$2,155,392,861	13.52%
65.01 - 70.00	17,263	14.02%	\$2,395,103,539	15.02%
70.01 - 75.00	19,239	15.63%	\$2,533,524,384	15.89%
75.01 - 80.00	13,831	11.23%	\$1,498,455,777	9.40%
Greater than 80.00	2,373	1.93%	\$324,049,030	2.03%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</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	11,521	9.36%	\$574,474,832	3.60%
20.01 - 25.00	5,391	4.38%	\$461,640,341	2.90%
25.01 - 30.00	6,393	5.19%	\$606,173,874	3.80%
30.01 - 35.00	7,497	6.09%	\$834,573,757	5.23%
35.01 - 40.00	8,664	7.04%	\$1,068,841,069	6.70%
40.01 - 45.00	9,602	7.80%	\$1,293,175,845	8.11%
45.01 - 50.00	10,853	8.82%	\$1,485,251,344	9.32%
50.01 - 55.00	11,681	9.49%	\$1,666,238,839	10.45%
55.01 - 60.00	12,131	9.85%	\$1,837,642,197	11.53%
60.01 - 65.00	12,734	10.34%	\$1,988,582,002	12.47%
65.01 - 70.00	12,415	10.08%	\$1,930,084,503	12.10%
70.01 - 75.00	10,181	8.27%	\$1,596,858,405	10.02%
75.01 - 80.00	3,685	2.99%	\$521,767,756	3.27%
Greater than 80.00	361	0.29%	\$79,298,240	0.50%
<b>Total</b>	<b>123,109</b>	<b>100.00%</b>	<b>\$15,944,603,004</b>	<b>100.00%</b>

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

<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	\$8,215,175	\$49,318,127	\$2,014,247	\$5,049,800	\$203,749,197	\$303,759,410	\$2,126,272	\$0	\$574,232,228
20.01 - 25.00	\$5,176,403	\$46,179,014	\$652,409	\$4,327,416	\$172,326,807	\$230,456,971	\$2,397,566	\$0	\$461,516,585
25.01 - 30.00	\$7,949,952	\$45,223,720	\$2,092,618	\$6,507,510	\$239,755,596	\$302,405,321	\$2,069,998	\$0	\$606,004,716
30.01 - 35.00	\$8,448,540	\$58,753,720	\$1,504,349	\$9,511,904	\$346,849,152	\$405,074,238	\$4,265,373	\$0	\$834,407,276
35.01 - 40.00	\$9,935,528	\$78,757,597	\$1,266,803	\$11,828,341	\$442,369,775	\$518,229,981	\$5,493,067	\$0	\$1,067,881,092
40.01 - 45.00	\$21,230,472	\$109,214,635	\$2,929,386	\$23,440,924	\$468,156,245	\$650,074,897	\$15,924,813	\$0	\$1,290,971,371
45.01 - 50.00	\$24,425,287	\$95,793,764	\$2,783,071	\$31,764,239	\$472,877,988	\$839,345,615	\$17,001,381	\$0	\$1,483,991,344
50.01 - 55.00	\$30,221,463	\$105,205,597	\$9,509,828	\$20,171,429	\$446,912,403	\$1,038,217,300	\$14,346,624	\$0	\$1,664,584,644
55.01 - 60.00	\$44,353,914	\$74,148,361	\$6,845,853	\$11,886,086	\$465,649,634	\$1,226,193,936	\$8,019,892	\$0	\$1,837,097,676
60.01 - 65.00	\$62,857,871	\$84,630,114	\$7,632,175	\$18,116,986	\$433,322,577	\$1,376,573,013	\$3,915,372	\$0	\$1,987,048,109
65.01 - 70.00	\$93,931,597	\$50,866,637	\$5,011,100	\$9,413,997	\$324,252,423	\$1,440,741,300	\$3,838,133	\$0	\$1,928,055,187
70.01 - 75.00	\$120,571,881	\$37,094,821	\$9,815,169	\$18,005,103	\$272,809,986	\$1,128,963,110	\$7,844,433	\$0	\$1,595,104,503
75.01 - 80.00	\$107,714,958	\$16,586,460	\$1,285,871	\$7,164,424	\$54,189,359	\$331,645,449	\$2,824,221	\$0	\$521,410,742
Greater than 80.00	\$53,427,667	\$5,449,413	\$0	\$107,432	\$11,934,213	\$8,379,514	\$0	\$0	\$79,298,240
<b>Total</b>	<b>\$598,460,709</b>	<b>\$857,221,980</b>	<b>\$53,342,880</b>	<b>\$177,295,590</b>	<b>\$4,355,155,355</b>	<b>\$9,800,060,054</b>	<b>\$90,067,145</b>	<b>\$0</b>	<b>\$15,931,603,712</b>

**30 to 59 days past due**

<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	\$0	\$114,743	\$0	\$0	\$114,743
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$46,627	\$0	\$0	\$46,627
25.01 - 30.00	\$0	\$44,052	\$0	\$0	\$0	\$51,011	\$0	\$0	\$95,062
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35.01 - 40.00	\$0	\$275,471	\$0	\$47,066	\$244,032	\$383,455	\$0	\$0	\$950,024
40.01 - 45.00	\$0	\$0	\$0	\$0	\$1,133,601	\$583,180	\$0	\$0	\$1,716,781
45.01 - 50.00	\$0	\$0	\$0	\$0	\$448,360	\$481,298	\$80,025	\$0	\$1,009,683
50.01 - 55.00	\$0	\$0	\$0	\$66,040	\$0	\$1,179,887	\$0	\$0	\$1,245,927
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$201,286	\$0	\$0	\$201,286
60.01 - 65.00	\$90,679	\$0	\$0	\$0	\$426,336	\$438,050	\$0	\$0	\$955,065
65.01 - 70.00	\$0	\$0	\$0	\$0	\$646,653	\$835,884	\$0	\$0	\$1,482,537
70.01 - 75.00	\$110,066	\$343,404	\$0	\$0	\$0	\$889,886	\$0	\$0	\$1,343,356
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$40,995	\$0	\$0	\$40,995
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$200,745</b>	<b>\$662,927</b>	<b>\$0</b>	<b>\$113,106</b>	<b>\$2,898,982</b>	<b>\$5,246,303</b>	<b>\$80,025</b>	<b>\$0</b>	<b>\$9,202,088</b>

**60 to 89 days past due**

<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	\$88,513	\$0	\$0	\$0	\$88,513
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$77,129	\$0	\$0	\$77,129
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	\$0	\$0	\$0	\$0
40.01 - 45.00	\$0	\$0	\$0	\$0	\$167,892	\$0	\$0	\$0	\$167,892
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$84,184	\$0	\$0	\$84,184
50.01 - 55.00	\$0	\$0	\$0	\$142,685	\$0	\$0	\$0	\$0	\$142,685
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$94,461	\$0	\$0	\$94,461
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$383,589	\$0	\$0	\$383,589
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$546,779	\$0	\$0	\$546,779
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$197,956	\$0	\$0	\$197,956
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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$142,685</b>	<b>\$256,405</b>	<b>\$1,384,097</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,783,187</b>

**90 or more days past due**



**National Bank of Canada Legislative Covered Bond Programme**  
**Monthly Investor Report**  
 Calculation Date: 29 Nov 2019

<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	\$39,348	\$0	\$0	\$0	\$39,348
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$74,096	\$0	\$0	\$74,096
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$166,481	\$0	\$0	\$166,481
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$9,954	\$0	\$0	\$9,954
40.01 - 45.00	\$0	\$0	\$0	\$56,219	\$263,581	\$0	\$0	\$0	\$319,800
45.01 - 50.00	\$166,132	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$166,132
50.01 - 55.00	\$0	\$0	\$0	\$0	\$0	\$265,583	\$0	\$0	\$265,583
55.01 - 60.00	\$0	\$0	\$0	\$0	\$0	\$248,774	\$0	\$0	\$248,774
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$195,239	\$0	\$0	\$195,239
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$212,589	\$0	\$0	\$212,589
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$316,019	\$0	\$0	\$316,019
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$166,132</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56,219</b>	<b>\$302,929</b>	<b>\$1,488,736</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,014,016</b>

**Cover Pool Indexed LTV - Drawn by Credit Bureau Score**

<u>Indexed LTV (%)</u>	<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	\$2,461,908	\$4,782,435	\$22,703,743	\$70,910,314	\$328,693,911	\$133,318,671	\$11,603,850	\$574,474,832
20.01 - 25.00	\$2,564,145	\$5,576,011	\$22,094,965	\$92,080,352	\$259,555,310	\$70,667,328	\$9,102,230	\$461,640,341
25.01 - 30.00	\$2,998,600	\$8,955,791	\$34,257,059	\$123,236,126	\$339,219,031	\$83,480,603	\$14,026,665	\$606,173,874
30.01 - 35.00	\$7,019,002	\$14,361,804	\$55,700,270	\$201,435,376	\$431,130,829	\$103,752,940	\$21,173,536	\$834,573,757
35.01 - 40.00	\$8,884,395	\$20,653,435	\$93,261,568	\$284,255,510	\$504,693,463	\$135,737,222	\$21,355,476	\$1,068,841,069
40.01 - 45.00	\$10,082,503	\$30,861,543	\$101,958,316	\$374,428,516	\$587,681,281	\$161,697,139	\$26,466,547	\$1,293,175,845
45.01 - 50.00	\$14,190,109	\$33,189,946	\$139,920,295	\$456,987,455	\$638,998,947	\$172,239,664	\$29,724,927	\$1,485,251,344
50.01 - 55.00	\$19,201,043	\$43,118,131	\$166,318,497	\$556,346,134	\$678,053,120	\$179,941,736	\$23,260,177	\$1,666,238,839
55.01 - 60.00	\$18,168,859	\$60,893,222	\$202,923,569	\$666,773,055	\$670,567,912	\$196,058,672	\$22,256,909	\$1,837,642,197
60.01 - 65.00	\$18,825,606	\$63,332,590	\$230,367,973	\$788,873,948	\$665,405,155	\$200,242,325	\$21,534,405	\$1,988,582,002
65.01 - 70.00	\$19,016,006	\$55,758,418	\$255,610,238	\$797,290,177	\$614,710,373	\$171,096,155	\$16,603,137	\$1,930,084,503
70.01 - 75.00	\$19,087,626	\$54,695,365	\$249,201,397	\$642,814,492	\$497,510,175	\$120,862,430	\$12,686,921	\$1,596,858,405
75.01 - 80.00	\$6,729,319	\$22,531,420	\$98,665,498	\$234,936,889	\$117,969,416	\$36,109,530	\$4,825,684	\$521,767,756
Greater than 80.00	\$1,461,945	\$4,498,655	\$11,352,141	\$32,068,999	\$18,721,960	\$7,992,118	\$3,202,421	\$79,298,240
<b>Total</b>	<b>\$150,691,065</b>	<b>\$423,208,765</b>	<b>\$1,684,335,530</b>	<b>\$5,322,437,342</b>	<b>\$6,352,910,883</b>	<b>\$1,773,196,533</b>	<b>\$237,822,886</b>	<b>\$15,944,603,004</b>



### 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-Indices™ (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 Index™ – 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 Index™ and the Teranet-National Bank Regional and Property Type Sub-Indices™ (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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