

Calculation Date: 31 Jul 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								
<u>Series</u>	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) 29.81
Weighted Average Remaining Term of Loans in Cover Pool (months) 29.55

Series Ratings	Moody's	<u>DBRS</u>	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
CBL12	Aaa	AAA	AAA
CBL13	Aaa	AAA	AAA
CBL14	Aaa	AAA	AAA



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Supplementary Information

Covered Bond Trustee & Custodian

Standby Account Bank & GIC Provider

Account Bank & GIC Provider

Parties

Guarantor Entity
Servicer & Cash Manager

Swap Provider

Asset Monitor

Paying Agent

Issuer National Bank of Canada (NBC)

NBC Covered Bond (Legislative) Guarantor Limited Partnership

National Bank of Canada National Bank of Canada

Computershare Trust Company of Canada

Deloitte LLP

National Bank of Canada Royal Bank of Canada (RBC)

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



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National Bank of Canada Ratings

	Standard & Poor's	<u>IVIOODY'S</u>	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	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

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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)	Bàa1	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

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Moody's

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

Servicer (NBC) falls below the stipulated rating:

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ng to the Guarantor	P-1(cr)*	BBB(low)	F1* or A

DBBS

(a) Servicer is required to transfer amounts belonging to the Cash Manager or the GIC Account, as applicable, within 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	DBRS	Fitch
е	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.	
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	Moody's	<u>DBRS</u>	<u>Fitch</u>
(a) Interest Rate Swap Provider(b) Covered Bond Swap Provider	P-1(cr)* or A2(cr)(1) P-1(cr)* or A2(cr)(1)	(-) -	F1* or A F1* or A

(1) In the case of the Interest Swap Provider, or, in the case of the Covered Bond Swap Provider prior to CBL7 only, if the applicable swap provider or its credit support provider does not have a short-term rating assigned by Moody's, the long term unsecured rating trigger is A1(cr).

Events of Default

Issuer Event of Default No **Guarantor Event of Default** Nο



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Asset Coverage Test

Outstanding Covered Bonds	\$12,905,562,000		
A = Lesser of (i) LTV Adjusted True Balance and	\$16,221,164,499	A(i):	\$17,686,319,467
(ii) Asset Percentage Adjusted True Balance		A(ii):	\$16,221,164,499
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	\$160,319,713		
Total: A + B + C + D + E - Y- Z	\$16,060,844,786		
Asset Coverage Test	PASS		

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

Valuation Calculation

Trading Value of Covered Bonds	\$13,635,646,817
A = LTV Adjusted Loan Present Value	\$17,320,404,726
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	\$17,320,404,726

Weighted average market rate used for discounting: 3.59%

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	\$14,085,337,361
Demand Loan	\$3,969,895,337
Total	\$18,055,232,698

Covered Bonds Outstanding vs OSFI Limit

Covered Bonds Currently Outstanding (CAD Equivalent):

Issued under the Legislative Covered Bond Programme

Total \$12,905,562,000

OSFI Covered Bond Ratio²: 3.41%
OSFI Covered Bond Ratio Limit: OSFI
Temporary Covered Bond Ratio*: 4.44%
OSFI Temporary Covered Bond Ratio Limit*: 10.00%

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.

^{*}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.

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 April 30, 2020.



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Cover Pool Summary Statistics	
Previous Month Ending Balance	\$18,045,177,233
Current Balance	\$17,710,797,295
Number of Mortgage loans in Pool	132,689
Average Mortgage Size	\$133,476
Number of Properties	105,687
Number of Primary Borrowers	101,496
Weighted Average Indexed Authorized LTV	58.21%
Weighted Average Indexed Drawn LTV	51.61%
Weighted Average Original LTV	72.35%
Weighted Average Interest Rate	2.72%
Weighted Average Seasoning	25.54 months
Weighted Average Original Term	55.09 months
Weighted Average Remaining Term	29.55 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	132,223	99.65%	\$17,656,868,259	99.70%					
30 to 59 days past due	177	0.13%	\$22,442,292	0.13%					
60 to 89 days past due	93	0.07%	\$10,072,764	0.06%					
90 or more days past due	196	0.15%	\$21,413,981	0.12%					
Total	132,689	100.00%	\$17,710,797,295	100.00%					

Cover Pool Provincial Distribution				
<u>Province</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Alberta	2,834	2.14%	\$579,639,762	3.27%
British Columbia	2,682	2.02%	\$803,841,394	4.54%
Manitoba	396	0.30%	\$53,915,636	0.30%
New Brunswick	2,409	1.82%	\$210,074,566	1.19%
Ontario	19,696	14.84%	\$4,673,058,322	26.39%
Quebec	104,076	78.44%	\$11,299,709,341	63.80%
Saskatchewan	596	0.45%	\$90,558,273	0.51%
Other	0	0.00%	\$0	0.00%
Total	132,689	100.00%	\$17,710,797,295	100.00%

Cover Pool Credit Score Distribution				
Credit Score*	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Score Unavailable	1,156	0.87%	\$168,890,230	0.95%
599 and below	1,748	1.32%	\$214,447,715	1.21%
600 - 650	2,787	2.10%	\$362,889,504	2.05%
651 - 700	9,633	7.26%	\$1,408,196,759	7.95%
701 - 750	22,080	16.64%	\$3,414,108,881	19.28%
751 - 800	26,864	20.25%	\$3,954,537,744	22.33%
801 and above	68,421	51.56%	\$8,187,726,463	46.23%
Total	132,689	100.00%	\$17,710,797,295	100.00%

^{*} 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 Kate Type Distribution									
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>					
Fixed	111,706	84.19%	\$14,187,458,620	80.11%					
Variable	20,983	15.81%	\$3,523,338,676	19.89%					
Total	132,689	100.00%	\$17,710,797,295	100.00%					



1,000,000 and above

Total

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BANK	BANK Calculation Date: 31 Jul 2020						
Cover Pool Occupancy Type Distribution							
Occupancy Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
Owner Occupied	118,312	89.16%	\$15,286,536,193	86.31%			
Non-Owner Occupied	14,377	10.84%	\$2,424,261,102	13.69%			
Total	132,689	100.00%	\$17,710,797,295	100.00%			
Mortgage Asset Type Distribution							
Asset Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
Conventional Mortgage	58,116	43.80%	\$9,326,354,832	52.66%			
Amortizing Segment of All-in-One Product	74,573	56.20%	\$8,384,442,463	47.34%			
Total	132,689	100.00%	\$17,710,797,295	100.00%			
Cover Pool Interest Rate Distribution							
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
Less than 2.000	14,593	11.00%	\$2,620,405,007	14.80%			
2.000 - 2.999	71,408	53.82%	\$9,578,401,782	54.08%			
3.000 - 3.999	44,386	33.45%	\$5,244,345,334	29.61%			
4.000 - 4.999	1,262	0.95%	\$155,172,346	0.88%			
5.000 - 5.999	291	0.22%	\$36,714,105	0.21%			
6.000 - 6.999	25	0.02%	\$2,123,583	0.01%			
7.000 - 7.999	724	0.55%	\$73,635,139	0.42%			
8.000 or Greater	0	0.00%	\$0	0.00%			
Total	132,689	100.00%	\$17,710,797,295	100.00%			
Cover Pool Remaining Balance							
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
99,999 and below	67,537	50.90%	\$3,228,741,768	18.23%			
100,000 - 149,999	22,932	17.28%	\$2,837,891,695	16.02%			
150,000 - 199,999	16,074	12.11%	\$2,780,367,300	15.70%			
200,000 - 249,999	9,198	6.93%	\$2,052,551,935	11.59%			
250,000 - 299,999	5,629	4.24%	\$1,536,505,878	8.68%			
300,000 - 349,999	3,478	2.62%	\$1,124,064,175	6.35%			
350,000 - 399,999	2,245	1.69%	\$837,482,552	4.73%			
400,000 - 449,999	1,435	1.08%	\$607,286,389	3.43%			
450,000 - 499,999	1,051	0.79%	\$497,678,632	2.81%			
500,000 - 549,999	757	0.57%	\$396,006,802	2.24%			
550,000 - 599,999	544	0.41%	\$311,001,953	1.76%			
600,000 - 649,999	397	0.30%	\$248,034,595	1.40%			
650,000 - 699,999	243	0.18%	\$163,853,755	0.93%			
700,000 - 749,999	246	0.19%	\$177,897,600	1.00%			
750,000 - 799,999	196	0.15%	\$151,505,532	0.86%			
800,000 - 849,999	144	0.11%	\$119,080,240	0.67%			
850,000 - 899,999	129	0.10%	\$112,938,193	0.64%			
900,000 - 949,999	128	0.10%	\$118,316,107	0.67%			
950,000 - 999,999	63	0.05%	\$61,110,661	0.35%			
1000000							

132,689

0.20%

100.00%

1.97%

100.00%

\$348,481,533

\$17,710,797,295



75.01 - 80.00

Total

Greater than 80.00

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BANK	Calculation Date:	Calculation Date: 31 Jul 2020						
Cover Pool Months to Maturity Distribution	on							
Months to Maturity	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage				
5 or Less	11,555	8.71%	\$1,317,357,110	7.44%				
6 - 11	13,258	9.99%	\$1,493,862,910	8.43%				
12 - 23	28,484	21.47%	\$3,779,194,395	21.34%				
24 - 35	31,833	23.99%	\$4,415,111,277	24.93%				
36 - 47	26,578	20.03%	\$3,795,998,358	21.43%				
48 - 59	19,487	14.69%	\$2,718,033,707	15.35%				
60 - 71	1,358	1.02%	\$171,630,366	0.97%				
72 - 83	34	0.03%	\$3,936,666	0.02%				
84 or Greater Total	102 132,689	0.08%	\$15,672,505 \$17,710,797,295	0.09% 100.00%				
	152,005	100.0070	ψ11,110,131,E33	100.00%				
Cover Pool Property Type Distribution				_				
Property Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>				
Single Family	104,239	78.56%	\$13,541,081,020	76.46%				
Condominium	15,846	11.94%	\$2,255,241,360	12.73%				
2-4 Family Units	12,604	9.50%	\$1,914,474,915	10.81%				
Total	132,689	100.00%	\$17,710,797,295	100.00%				
Cover Pool Indexed LTV - Authorized Distr	ribution							
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage				
20.00 and below	4,090	3.08%	\$204,196,738	1.15%				
20.01 - 25.00	2,494	1.88%	\$199,024,481	1.12%				
25.01 - 30.00	3,628	2.73%	\$375,445,186	2.12%				
30.01 - 35.00	5,113	3.85%	\$608,796,952	3.44%				
35.01 - 40.00	6,295	4.74%	\$830,036,512	4.69%				
40.01 - 45.00	7,913	5.96%	\$1,096,241,945	6.19%				
45.01 - 50.00	9,212	6.94%	\$1,341,186,101	7.57%				
50.01 - 55.00	11,424	8.61%	\$1,725,258,204	9.74%				
55.01 - 60.00	14,617	11.02%	\$2,208,952,153	12.47%				
60.01 - 65.00	16,415	12.37%	\$2,360,342,374	13.33%				
65.01 - 70.00	19,162	14.44%	\$2,716,065,174	15.34%				
70.01 - 75.00	18,034	13.59%	\$2,369,147,998	13.38%				
75.01 - 80.00	12,695	9.57%	\$1,451,383,285	8.19%				
Greater than 80.00	1,597	1.20%	\$224,720,192	1.27%				
Total	132,689	100.00%	\$17,710,797,295	100.00%				
Cover Pool Indexed LTV - Drawn Distribut								
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	<u>Principal Balance</u>	<u>Percentage</u>				
20.00 and below	13,456	10.14%	\$711,339,174	4.02%				
20.01 - 25.00	6,033	4.55%	\$521,995,037	2.95%				
25.01 - 30.00	7,104	5.35%	\$739,710,604	4.18%				
30.01 - 35.00	8,682	6.54%	\$1,008,639,342	5.70%				
35.01 - 40.00	9,416	7.10%	\$1,221,049,420	6.89%				
40.01 - 45.00	11,010	8.30%	\$1,493,857,796	8.43%				
45.01 - 50.00	11,670	8.80%	\$1,685,186,768	9.52%				
50.01 - 55.00	12,555	9.46%	\$1,931,957,613	10.91%				
55.01 - 60.00	13,396	10.10%	\$2,129,371,561	12.02%				
60.01 - 65.00	13,300	10.02%	\$2,102,731,993	11.87%				
65.01 - 70.00	13,012	9.81%	\$2,117,639,189	11.96%				
70.01 - 75.00	9,617	7.25%	\$1,504,541,703	8.50%				

3,037

132,689

401

2.29%

0.30%

100.00%

2.63%

0.44%

100.00%

\$465,265,166

\$77,511,931

\$17,710,797,295



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Current and less than 30 days due	<u>past</u>								
Indexed LTV (%)	Alberta	British Columbia	Manitoba	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	Other	Tota
20.00 and below	\$7,498,438	\$55,557,360	\$1,556,178	\$5,832,465	\$255,336,585	\$382,061,664	\$2,248,563	\$0	\$710,091,25
20.01 - 25.00	\$4,468,141	\$36,098,259	\$1,074,890	\$5,071,323	\$204,098,182	\$268,564,613	\$1,916,808	\$0	\$521,292,21
25.01 - 30.00	\$7,410,887	\$55,486,693	\$1,188,753	\$7,018,626	\$295,399,918	\$368,877,567	\$3,341,220	\$0	\$738,723,66
30.01 - 35.00	\$9,070,246	\$57,506,124	\$1,864,485	\$9,782,232	\$415,264,122	\$506,837,401	\$4,518,243	\$0	\$1,004,842,85
35.01 - 40.00	\$9,894,741	\$80,245,776	\$1,145,808	\$16,400,402	\$479,958,801	\$621,724,345	\$8,985,087	\$0	\$1,218,354,96
40.01 - 45.00	\$15,912,437	\$105,066,053	\$2,827,804	\$27,633,452	\$480,437,345	\$843,489,210	\$16,159,412	\$0	\$1,491,525,71
45.01 - 50.00	\$27,325,083	\$92,842,966	\$6,451,693	\$26,398,424	\$491,449,154	\$1,018,729,027	\$16,115,834	\$0	\$1,679,312,18
50.01 - 55.00	\$22,923,103	\$89,294,500	\$5,826,629	\$13,843,706	\$543,874,386	\$1,240,380,876	\$8,048,975	\$0	\$1,924,192,17
55.01 - 60.00	\$44,524,422	\$90,762,291	\$7,839,975	\$20,226,907	\$499,461,795	\$1,452,128,627	\$7,236,640	\$0	\$2,122,180,65
60.01 - 65.00	\$59,110,290	\$56,485,936	\$6,722,870	\$15,603,057	\$409,049,677	\$1,544,759,418	\$4,259,133	\$0	\$2,095,990,38
65.01 - 70.00	\$76,699,403	\$42,112,337	\$10,012,059	\$26,356,447	\$394,223,437	\$1,555,153,461	\$6,330,550	\$0	\$2,110,887,69
70.01 - 75.00	\$109,990,671	\$27,701,026	\$5,586,029	\$31,469,634	\$174,015,872	\$1,142,047,001	\$8,795,557	\$0	\$1,499,605,78
75.01 - 80.00	\$113,330,615	\$11,058,071	\$1,818,465	\$2,487,195	\$16,767,436	\$315,127,020	\$1,987,458	\$0	\$462,576,26
Greater than 80.00	\$70,331,777	\$379,343	\$0	\$152,677	\$830,892	\$5,464,113	\$133,666	\$0	\$77,292,46
Total	\$578,490,255	\$800,596,734	\$53,915,636	\$208,276,545	\$4,660,167,603	\$11,265,344,340	\$90,077,145	\$0	\$17,656,868,25
0.00	40				0040 770	****			
20.00 and below	\$0	\$0	\$0	\$0	\$240,776	\$223,684	\$0	\$0	\$464,45
20.01 - 25.00	\$0	\$0	\$0	\$120,581	\$158,943	\$0	\$0	\$0	\$279,52
25.01 - 30.00	\$0	\$0	\$0	\$0	\$199,820	\$108,936	\$0	\$0	\$308,75
30.01 - 35.00	\$0	\$278,734	\$0	\$0	\$1,203,682	\$1,039,388	\$0	\$0	\$2,521,80
35.01 - 40.00	\$0	\$0	\$0	\$63,783	\$864,324	\$557,614	\$0	\$0	\$1,485,72
40.01 - 45.00	\$0	\$0	\$0	\$0	\$316,241	\$712,863	\$0	\$0	\$1,029,10
45.01 - 50.00	\$0	\$0	\$0	\$0	\$735,175	\$649,487	\$0	\$0	\$1,384,66
50.01 - 55.00	\$0	\$0	\$0	\$0	\$2,312,458	\$1,315,853	\$420,568	\$0	\$4,048,87
55.01 - 60.00	\$0	\$0	\$0	\$128,582	\$356,418	\$320,005	\$60,560	\$0	\$865,56
60.01 - 65.00	\$174,996	\$0	\$0	\$237,022	\$524,837	\$1,476,493	\$0	\$0	\$2,413,34
65.01 - 70.00	\$0	\$0	\$0	\$145,589	\$231,266	\$3,322,099	\$0	\$0	\$3,698,95
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$1,913,408	\$0	\$0	\$1,913,40
75.01 - 80.00	\$755,048	\$0	\$0	\$0	\$0	\$1,273,061	\$0	\$0	\$2,028,10
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
Greater than 80.00	Ψū				07.110.010	\$12,912,890	£404 400	\$0	\$22,442,29
	\$930,044	\$278,734	\$0	\$695,557	\$7,143,940	\$12,912,690	\$481,128	\$0	\$22,442,2
Greater than 80.00 Total		\$278,734	\$0	\$695,557	\$7,143,940	\$12,912,090	\$481,128	\$0	\$22,442,28
Total 60 to 89 days past due	\$930,044		·						\$22,442,28
⁻ otal	\$930,044	\$278,734 British Columbia \$106,373	·	\$695,557	\$7,143,940 Ontario \$0	Quebec \$229,413	\$481,128 Saskatchewan \$0	Other \$0	

Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	<u>Saskatchewan</u>	Other	<u>Total</u>
20.00 and below	\$0	\$106,373	\$0	\$0	\$0	\$229,413	\$0	\$0	\$335,786
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$69,990	\$0	\$0	\$69,990
25.01 - 30.00	\$0	\$0	\$0	\$61,134	\$0	\$165,504	\$0	\$0	\$226,638
30.01 - 35.00	\$0	\$0	\$0	\$0	\$226,082	\$336,745	\$0	\$0	\$562,827
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$284,124	\$0	\$0	\$284,124
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$27,265	\$0	\$0	\$27,265
45.01 - 50.00	\$0	\$0	\$0	\$0	\$65,663	\$675,977	\$0	\$0	\$741,640
50.01 - 55.00	\$0	\$0	\$0	\$0	\$0	\$231,838	\$0	\$0	\$231,838
55.01 - 60.00	\$0	\$1,117,799	\$0	\$83,982	\$1,181,274	\$1,700,824	\$0	\$0	\$4,083,879
60.01 - 65.00	\$0	\$0	\$0	\$0	\$927,866	\$362,455	\$0	\$0	\$1,290,321
65.01 - 70.00	\$0	\$0	\$0	\$0	\$0	\$1,277,332	\$0	\$0	\$1,277,332
70.01 - 75.00	\$0	\$0	\$0	\$148,738	\$0	\$472,237	\$0	\$0	\$620,975
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$320,146	\$0	\$0	\$320,146
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$1,224,171	\$0	\$293,854	\$2,400,886	\$6,153,853	\$0	\$0	\$10,072,764



Cover Pool Indexed LTV - Drawn by Credit Bureau

70.01 - 75.00

75.01 - 80.00

Greater than 80.00

National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report

Calculation Date: 31 Jul 2020

Indexed LTV (%)	Alberta	British Columbia	<u>Manitoba</u>	New Brunswick	<u>Ontario</u>	Quebec	Saskatchewan	Other	<u>Total</u>
20.00 and below	\$0	\$197,893	\$0	\$0	\$48,652	\$201,131	\$0	\$0	\$447,676
20.01 - 25.00	\$0	\$0	\$0	\$0	\$130,096	\$223,211	\$0	\$0	\$353,307
25.01 - 30.00	\$0	\$0	\$0	\$0	\$110,468	\$341,079	\$0	\$0	\$451,547
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$711,858	\$0	\$0	\$711,858
35.01 - 40.00	\$0	\$0	\$0	\$92,437	\$639,903	\$192,275	\$0	\$0	\$924,615
40.01 - 45.00	\$0	\$0	\$0	\$74,982	\$183,752	\$1,016,979	\$0	\$0	\$1,275,713
45.01 - 50.00	\$0	\$0	\$0	\$641,191	\$800,446	\$2,306,647	\$0	\$0	\$3,748,284
50.01 - 55.00	\$0	\$1,543,862	\$0	\$0	\$147,190	\$1,793,670	\$0	\$0	\$3,484,721
55.01 - 60.00	\$0	\$0	\$0	\$0	\$673,218	\$1,568,243	\$0	\$0	\$2,241,461
60.01 - 65.00	\$0	\$0	\$0	\$0	\$114,205	\$2,923,740	\$0	\$0	\$3,037,945
65.01 - 70.00	\$0	\$0	\$0	\$0	\$497,963	\$1,277,245	\$0	\$0	\$1,775,209
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$2,401,531	\$0	\$0	\$2,401,531
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$340,651	\$0	\$0	\$340,651
Greater than 80.00	\$219,463	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$219,463
Total	\$219,463	\$1,741,755	\$0	\$808,610	\$3,345,894	\$15,298,259	\$0	\$0	\$21,413,981

Indexed LTV (%)								
	599 and below	<u>600 - 650</u>	<u>651 - 700</u>	<u>701 - 750</u>	<u>751 - 800</u>	801 and above	Score Unavailable	<u>Total</u>
20.00 and below	\$2,747,249	\$5,212,459	\$19,998,121	\$58,456,098	\$88,395,792	\$527,008,817	\$9,520,639	\$711,339,174
20.01 - 25.00	\$2,230,944	\$6,810,265	\$21,121,826	\$67,315,438	\$75,485,605	\$340,778,302	\$8,252,659	\$521,995,037
25.01 - 30.00	\$4,474,046	\$9,860,219	\$31,449,511	\$98,981,908	\$133,801,813	\$450,875,517	\$10,267,590	\$739,710,604
30.01 - 35.00	\$11,789,052	\$15,486,834	\$57,230,011	\$139,497,270	\$191,549,076	\$577,098,111	\$15,988,988	\$1,008,639,342
35.01 - 40.00	\$15,573,752	\$17,828,741	\$71,111,731	\$186,433,192	\$254,661,987	\$663,497,686	\$11,942,329	\$1,221,049,420
40.01 - 45.00	\$15,985,038	\$27,432,566	\$98,095,820	\$259,744,656	\$312,708,460	\$762,366,513	\$17,524,743	\$1,493,857,796
45.01 - 50.00	\$22,978,750	\$34,993,036	\$132,921,250	\$306,894,053	\$372,321,033	\$797,368,625	\$17,710,020	\$1,685,186,768
50.01 - 55.00	\$24,787,547	\$40,461,860	\$160,636,220	\$369,575,218	\$454,928,766	\$861,415,470	\$20,152,532	\$1,931,957,613
55.01 - 60.00	\$28,686,167	\$46,363,793	\$190,799,931	\$438,528,781	\$521,217,396	\$882,673,504	\$21,101,989	\$2,129,371,561
60.01 - 65.00	\$30,585,432	\$51,714,143	\$179,122,099	\$474,112,809	\$525,742,165	\$828,297,342	\$13,158,001	\$2,102,731,993
65.01 - 70.00	\$27,686,409	\$53,601,133	\$206,212,373	\$501,150,331	\$549,397,528	\$766,856,288	\$12,735,129	\$2,117,639,189

\$362,889,504 \$1,408,196,759

\$166,160,261

\$62,735,412

\$10,602,193

\$383,492,645

\$110,575,975

\$19,350,506

\$3,414,108,881

\$355,264,790

\$104,271,558

\$14,791,775

\$3,954,537,744

\$542,685,105

\$162,266,480

\$24,538,704

\$8,187,726,463

\$16,578,382

\$7,271,446

\$3,073,502

\$214,447,715

\$34,078,049

\$15,460,951

\$3,585,456

\$6,282,472 \$1,504,541,703

\$168,890,230 \$17,710,797,295

\$465,265,166

\$77,511,931

\$2,683,344

\$1,569,794

^{*} 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.



Calculation Date: 31 Jul 2020

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.

None of the Licensors or any of their affiliates guarantees the adequacy, accuracy, timeliness or completeness of the Index or any data included therein, or any communications related thereto. None of the Licensors or any of their affiliates shall be subject to any damages or liabilities for any errors, omissions or delays of the dissemination of the Index. None of the Licensors or any of their affiliates makes express or implied warranties, and each of them expressly disclaims all warranties or merchantability or fitness for a particular purpose or use with respect to the Index or any data included therein. Without limiting any of the foregoing, in no event whatsoever shall the Licensors or any of their affiliates be liable for any direct, special, incidental, punitive or consequential damages, including but not limited to loss of profits, trading losses, lost time or goodwill, even if they have been advised of the possibility of such damages, whether in contract, tort, strict liability or otherwise. The Teranet-National Bank House Price IndexTM and the Teranet-National Bank Regional and Property Type Sub-IndicesTM are trademarks of Teranet and the NBC Licensor, and have been licensed for use by NBC.