

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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<u>Series</u>	Initial Amount	Translation Rate	<u>C\$ Equivalent</u>	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	e 2) £70,000,000	1.6400	\$114,800,000	27 Sep 2021	27 Sep 2022	3 month £ Libor +0.370%	Floating	Soft
CBL5 (Tranche	e 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
			\$8,292,702,000					

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

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

### 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 Legislative Covered Bond Programme Monthly Investor Report

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### National Bank of Canada Ratings

National Bank of Canada Ratings					
	Sta	andard & 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	Stable	Stable
Other Ratings		N/A	Counterparty Risk Assessment long term / short term Aa3(cr) / P-1 (cr) Deposit Rating long term / short term Aa3 / P-1	N/A	Issuer Default Rating long term / short term A+ / F1
Applicable Ratings of Standby Account Bank & GIC Provider (RB	<u>C)</u>				
	Moc	ody's (Deposit Rating)	DBRS (Debt Ratings)	Fitch Rating	S (Issuer Default Rating)
Long Term		Aa2	AA		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 (i) transfer credit support and (ii) replace itself or obtain a guarantee for its obligations. Role (Current Party)	party is required to b	e replaced or in the DBRS	case of the Swap Provider		
		DBRO			
Account Bank & GIC Provider (NBC) Standby Account Bank & GIC Provider (RBC)	P-1* P-1*	R-1(low)* or A R-1(low)* or A	F1* or A		
Cash Manager (NBC)	P-1 P-2(cr)*	BBB (low)	F1* or A F2*		
Servicer (NBC)	Baa3	BBB (low)	F2*		
Interest Rate Swap Provider (NBC) Covered Bond Swap Provider (NBC)	P-2(cr)* or A3(cr) P-2(cr)* or A3(cr)	R-2(mid)* or BBB R-2(mid)* or BBB			
Title Holder on Mortgages (NBC)	Baa1	BBB (low)	BBB-		
<b>B. Specified Rating Related Action</b> i. The following actions are required if the rating of the Cash Manager (NBC) falls below the stipulated rating:					
	Moody's	DBRS	<u>Fitch</u>		
(a) Amounts received by the Servicer are to be deposited directly	P-1*	BBB(low)	F1* or A		
to the GIC Account and not provided to the Cash Manager (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	<u>Fitch</u>		
	-				
<ul> <li>(a) Servicer is required to transfer amounts belonging to the Guaranto to the Cash Manager or the GIC Account, as applicable, within 2 business days</li> </ul>	r 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		
<ul> <li>(a) Repayment of the Demand Loan</li> <li>(b) Establishment of the Reserve Fund</li> <li>(c) Fund Pre-Maturity Liquidity Required Amount on Hard Bullet Covered Bonds</li> </ul>	N/A P-1(cr)* P-1*	N/A R-1(mid)* or A(lov 6 months: A(high) 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	Fitob		
	Moody's	DBRS	<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.					
	Moody's	DBRS	<u>Fitch</u>		
<ul><li>(a) Interest Rate Swap Provider</li><li>(b) Covered Bond Swap Provider</li></ul>	P-1(cr)* or A2(cr)(1) P-1(cr)* or A2(cr)(1)		F1* 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



### Asset Coverage Test

Outstanding Covered Bonds	\$8,292,702,000	
A = Lesser of (i) LTV Adjusted True Balance and	\$11,287,998,886	A(i): \$12,306,560,249
(ii) Asset Percentage Adjusted True Balance		A(ii): \$11,287,998,886
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> : 109.18%
Z = Negative Carry Factor calculation	\$162,564,281	
Total: A + B + C + D + E - Y- Z	\$11,125,434,605	
Asset Coverage Test	PASS	

### Asset Coverage Test

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	\$8,4	49,496,311	
A = LTV Adjusted Loan Present Value	\$12,0	13,570,923	
B = Principal Receipts		\$O	
C = Cash Capital Contributions		\$O	
D = Trading Value of Substitute Assets		\$O	
E = Reserve Fund Balance		\$O	
F = Trading Value of Swap Collateral		\$0	
Present Value Adjusted Aggregate Asset Amount			
Total: A + B + C + D + E + F	\$12,0	13,570,923	
Weighted average market rate used for discounting:		4.17%	
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		
	IN/A		
Intercompany Loan Balance			
Guarantee Loan	\$9.0	54,263,163	
Guarantee Loan Demand Loan			
	\$3,4	24,740,373	
Demand Loan Total	\$3,4		
Demand Loan	\$3,4	24,740,373	
Demand Loan Total	\$3,4	24,740,373	
Demand Loan Total Covered Bonds Outstanding vs OSFI Limit	\$3,4	24,740,373	

OSFI Maximum (CAD Equivalent):

\$10,557,255,400



# Cover Pool Summary Statistics

Previous Month Ending Balance	\$12,480,086,957
Current Balance	\$12,311,530,708
Number of Mortgage loans in Pool	100,907
Average Mortgage Size	\$122,009
Number of Properties	80,071
Number of Primary Borrowers	77,251
Weighted Average Indexed Authorized LTV	59.60%
Weighted Average Indexed Drawn LTV	52.42%
Weighted Average Original LTV	72.24%
Weighted Average Interest Rate	2.98%
Weighted Average Seasoning	27.73 months
Weighted Average Original Term	54.14 months
Weighted Average Remaining Term	26.41 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	<u>Percentage</u>
Current and less than 30 days past due	100,741	99.84%	\$12,292,125,502	99.84%
30 to 59 days past due	128	0.13%	\$15,440,638	0.13%
60 to 89 days past due	23	0.02%	\$2,138,207	0.02%
90 or more days past due	15	0.01%	\$1,826,362	0.01%
Total	100,907	100.00%	\$12,311,530,708	100.00%

# Cover Pool Provincial Distribution

Province	Number of Loans	Percentage	Principal Balance	Percentage
British Columbia	2,365	2.34%	\$659,872,239	5.36%
Prairies	3,896	3.86%	\$743,240,687	6.04%
Ontario	15,320	15.18%	\$3,237,457,506	26.30%
Quebec	77,390	76.69%	\$7,515,124,272	61.04%
Atlantic	1,936	1.92%	\$155,836,004	1.27%
Other	0	0.00%	\$0	0.00%
Total	100,907	100.00%	\$12,311,530,708	100.00%

### **Cover Pool Credit Score Distribution**

Credit Score	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
Score Unavailable	1,673	1.66%	\$246,002,803	2.00%
599 and below	1,179	1.17%	\$127,963,775	1.04%
600 - 650	2,560	2.54%	\$333,160,262	2.71%
651 - 700	9,465	9.38%	\$1,270,055,254	10.32%
701 - 750	31,181	30.90%	\$4,066,760,106	33.03%
751 - 800	42,643	42.26%	\$4,946,260,402	40.18%
801 and above	12,206	12.10%	\$1,321,328,106	10.73%
Total	100,907	100.00%	\$12,311,530,708	100.00%

Cover Pool Interest Rate Type Distribution				
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Fixed	79,417	78.70%	\$9,061,239,851	73.60%
Variable	21,490	21.30%	\$3,250,290,857	26.40%
Total	100,907	100.00%	\$12,311,530,708	100.00%



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Cover Pool Occupancy Type Distribution				
Occupancy Type	Number of Loans	Percentage	Principal Balance	Percentage
Owner Occupied	87,836	87.05%	\$10,196,128,735	82.82%
Non-Owner Occupied	13,071	12.95%	\$2,115,401,973	17.18%
Total	100,907	100.00%	\$12,311,530,708	100.00%
Mortgage Asset Type Distribution				
Asset Type	Number of Loans	Percentage	Principal Balance	<u>Percentage</u>
<u>Asset Type</u> Conventional Mortgage	Number of Loans 43,290	Percentage 42.90%	Principal Balance \$6,249,954,628	<u>Percentage</u> 50.77%
			- ·	
Conventional Mortgage	43,290	42.90%	\$6,249,954,628	50.77%
Conventional Mortgage Amortizing Segment of All-in-One Product	43,290 57,617	42.90% 57.10%	\$6,249,954,628 \$6,061,576,081	50.77% 49.24%

Interest Rate (%)	Number of Loans	Percentage	Principal Balance	Percentage
Less than 2.000	185	0.18%	\$26,815,026	0.22%
2.000 - 2.999	56,704	56.19%	\$6,767,532,368	54.97%
3.000 - 3.999	42,345	41.96%	\$5,334,388,552	43.33%
4.000 - 4.999	1,106	1.10%	\$127,558,307	1.04%
5.000 - 5.999	100	0.10%	\$11,831,692	0.10%
6.000 - 6.999	29	0.03%	\$2,686,977	0.02%
7.000 - 7.999	438	0.43%	\$40,717,786	0.33%
8.000 or Greater	0	0.00%	\$0	0.00%
Total	100,907	100.00%	\$12,311,530,708	100.00%

**Cover Pool Remaining Balance Remaining Principal Balance (\$)** Number of Loans Principal Balance Percentage Percentage 99,999 and below 55,232 54.74% \$2,647,527,379 21.50% 100,000 - 149,999 17.39% 17,549 \$2,164,576,561 17.58% 11.43% 16.23% 150,000 - 199,999 11,536 \$1,997,578,492 200,000 - 249,999 6,293 6.24% \$1,404,237,839 11.41% 250,000 - 299,999 8.04% 3,627 3.59% \$989,423,824 300,000 - 349,999 2,139 2.12% \$690,724,472 5.61% 350,000 - 399,999 1,390 1.38% \$517,321,039 4.20% 400,000 - 449,999 822 0.81% \$347,957,306 2.83% 450,000 - 499,999 570 0.56% \$269,254,155 2.19% 500,000 - 549,999 376 0.37% \$197,033,103 1.60% 550,000 - 599,999 260 0.26% \$149,087,049 1.21% 600,000 - 649,999 199 0.20% \$124,194,132 1.01% 650,000 - 699,999 152 0.15% \$102,315,813 0.83% 700,000 - 749,999 131 0.13% \$94,840,435 0.77% 750,000 - 799,999 126 0.12% \$97,627,430 0.79% 800,000 - 849,999 99 0.10% \$81,801,669 0.66% 850,000 - 899,999 93 0.09% \$81,248,964 0.66% \$98,525,908 0.80% 900,000 - 949,999 106 0.11% 950,000 - 999,999 52 0.05% 0.41% \$50,167,503 1,000,000 and above 155 0.15% \$206,087,635 1.67% 100.00% Total 100,907 100.00% \$12,311,530,708



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# Cover Pool Months to Maturity Distribution

Months to Maturity	Number of Loans	Percentage	Principal Balance	<u>Percentage</u>
5 or Less	10,406	10.31%	\$1,177,709,972	9.57%
6 - 11	12,833	12.72%	\$1,583,838,771	12.86%
12 - 23	27,178	26.93%	\$3,049,170,420	24.77%
24 - 35	21,910	21.71%	\$2,836,110,810	23.04%
36 - 47	16,128	15.98%	\$2,200,044,365	17.87%
48 - 59	11,761	11.66%	\$1,383,500,113	11.24%
60 - 71	594	0.59%	\$68,363,925	0.56%
72 - 83	37	0.04%	\$5,459,804	0.04%
84 or Greater	60	0.06%	\$7,332,530	0.06%
Total	100,907	100.00%	\$12,311,530,708	100.00%

# Cover Pool Property Type Distribution

Property Type	Number of Loans	Percentage	Principal Balance	<u>Percentage</u>
Single Family	79,113	78.40%	\$9,406,699,640	76.41%
Condominium	11,602	11.50%	\$1,472,454,492	11.96%
2-4 Family Units	10,192	10.10%	\$1,432,376,577	11.63%
Total	100,907	100.00%	\$12,311,530,708	100.00%

# Cover Pool Indexed LTV - Authorized Distribution

Indexed LTV (%)	Number of Loans	Percentage	Principal Balance	Percentage
20.00 and below	2,890	2.86%	\$127,730,162	1.04%
20.01 - 25.00	1,680	1.66%	\$129,419,732	1.05%
25.01 - 30.00	2,450	2.43%	\$220,420,835	1.79%
30.01 - 35.00	3,338	3.31%	\$377,771,840	3.07%
35.01 - 40.00	4,603	4.56%	\$577,414,102	4.69%
40.01 - 45.00	5,859	5.81%	\$794,407,590	6.45%
45.01 - 50.00	6,793	6.73%	\$942,422,372	7.65%
50.01 - 55.00	7,767	7.70%	\$1,058,577,073	8.60%
55.01 - 60.00	9,573	9.49%	\$1,254,188,985	10.19%
60.01 - 65.00	11,189	11.09%	\$1,492,520,889	12.12%
65.01 - 70.00	12,708	12.59%	\$1,692,347,162	13.75%
70.01 - 75.00	16,134	15.99%	\$1,886,971,315	15.33%
75.01 - 80.00	13,143	13.02%	\$1,421,569,658	11.55%
Greater than 80.00	2,780	2.76%	\$335,768,993	2.73%
Total	100,907	100.00%	\$12,311,530,708	100.00%

Cover Pool Indexed LTV - Drawn Distribution				
Indexed LTV (%)	Number of Loans	Percentage	Principal Balance	<u>Percentage</u>
20.00 and below	9,567	9.48%	\$471,329,446	3.83%
20.01 - 25.00	4,381	4.34%	\$370,022,485	3.01%
25.01 - 30.00	5,037	4.99%	\$473,833,891	3.85%
30.01 - 35.00	6,061	6.01%	\$660,578,677	5.37%
35.01 - 40.00	6,931	6.87%	\$834,820,619	6.78%
40.01 - 45.00	8,085	8.01%	\$1,053,797,012	8.56%
45.01 - 50.00	8,571	8.49%	\$1,149,323,068	9.34%
50.01 - 55.00	9,274	9.19%	\$1,240,351,906	10.07%
55.01 - 60.00	9,946	9.86%	\$1,349,404,498	10.96%
60.01 - 65.00	10,560	10.47%	\$1,495,812,623	12.15%
65.01 - 70.00	10,237	10.14%	\$1,478,150,933	12.01%
70.01 - 75.00	8,386	8.31%	\$1,159,222,808	9.42%
75.01 - 80.00	3,373	3.34%	\$475,975,221	3.87%
Greater than 80.00	498	0.49%	\$98,907,522	0.80%
Total	100,907	100.00%	\$12,311,530,708	100.00%



# Provincial Distribution by Indexed LTV - Drawn and Aging Summary

Current and less than 30 days past due							
Indexed LTV (%)	British Columbia	Prairies	Ontario	Quebec	Atlantic	Other	Total
20.00 and below	\$52,429,701	\$9,629,752	\$171,586,642	\$232,736,509	\$4,538,710	\$0	\$470,921,315
20.01 - 25.00	\$44,154,099	\$11,097,811	\$143,114,256	\$167,750,783	\$3,666,441	\$0	\$369,783,390
25.01 - 30.00	\$40,607,252	\$11,817,188	\$191,164,876	\$224,281,895	\$5,357,456	\$0	\$473,228,668
30.01 - 35.00	\$63,296,097	\$16,860,333	\$268,809,341	\$304,682,308	\$6,484,251	\$0	\$660,132,330
35.01 - 40.00	\$69,104,162	\$16,193,161	\$347,635,051	\$388,444,124	\$11,929,069	\$0	\$833,305,568
40.01 - 45.00	\$87,925,306	\$30,226,534	\$426,041,531	\$486,933,892	\$20,906,891	\$0	\$1,052,034,154
45.01 - 50.00	\$83,310,186	\$48,056,811	\$399,750,263	\$584,732,263	\$31,255,592	\$0	\$1,147,105,116
50.01 - 55.00	\$64,348,415	\$54,101,724	\$345,323,460	\$743,952,228	\$31,464,707	\$0	\$1,239,190,533
55.01 - 60.00	\$62,533,175	\$58,897,464	\$301,305,810	\$911,920,224	\$12,044,055	\$0	\$1,346,700,728
60.01 - 65.00	\$60,923,288	\$78,379,499	\$264,798,477	\$1,079,627,234	\$9,887,142	\$0	\$1,493,615,639
65.01 - 70.00	\$18,418,773	\$108,089,762	\$211,934,828	\$1,124,720,281	\$11,603,209	\$0	\$1,474,766,853
70.01 - 75.00	\$7,668,866	\$127,424,212	\$85,508,954	\$931,772,824	\$4,565,075	\$0	\$1,156,939,931
75.01 - 80.00	\$4,002,928	\$116,052,170	\$49,562,619	\$305,275,594	\$600,444	\$0	\$475,493,756
Greater than 80.00	\$420,261	\$54,309,041	\$25,887,996	\$18,290,224	\$0	\$0	\$98,907,522
Total	\$659,142,511	\$741,135,462	\$3,232,424,104	\$7,505,120,383	\$154,303,042	\$0	\$12,292,125,502

#### 30 to 59 days past due

Indexed LTV (%)	British Columbia	Prairies	Ontario	Quebec	Atlantic	Other	Total
20.00 and below	\$0	\$0	\$292,922	\$112,482	\$0	\$0	\$405,404
20.01 - 25.00	\$0	\$0	\$192,065	\$0	\$47,031	\$0	\$239,096
25.01 - 30.00	\$176,027	\$52,296	\$189,580	\$187,319	\$0	\$0	\$605,223
30.01 - 35.00	\$0	\$0	\$0	\$55,632	\$87,339	\$0	\$142,971
35.01 - 40.00	\$0	\$534,710	\$433,535	\$155,388	\$0	\$0	\$1,123,632
40.01 - 45.00	\$0	\$0	\$841,315	\$128,532	\$682,749	\$0	\$1,652,595
45.01 - 50.00	\$0	\$0	\$1,346,107	\$713,508	\$0	\$0	\$2,059,614
50.01 - 55.00	\$0	\$0	\$269,843	\$403,951	\$223,364	\$0	\$897,158
55.01 - 60.00	\$0	\$172,790	\$627,033	\$1,073,269	\$53,878	\$0	\$1,926,970
60.01 - 65.00	\$306,726	\$527,078	\$0	\$1,237,892	\$0	\$0	\$2,071,695
65.01 - 70.00	\$0	\$0	\$442,686	\$2,179,887	\$110,850	\$0	\$2,733,422
70.01 - 75.00	\$0	\$0	\$299,005	\$1,093,592	\$0	\$0	\$1,392,596
75.01 - 80.00	\$0	\$0	\$0	\$190,262	\$0	\$0	\$190,262
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$482,754	\$1,286,873	\$4,934,090	\$7,531,711	\$1,205,209	\$0	\$15,440,638



### National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report Calculation Date: 31 Jan 2019

#### 60 to 89 days past due

Indexed LTV (%)	British Columbia	Prairies	Ontario	Quebec	Atlantic	Other	Total
20.00 and below	\$0	\$0	\$0	\$2,727	\$0	\$0	\$2,727
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35.01 - 40.00	\$0	\$0	\$0	\$58,415	\$257,067	\$0	\$315,481
40.01 - 45.00	\$0	\$0	\$0	\$81,086	\$0	\$0	\$81,086
45.01 - 50.00	\$0	\$0	\$0	\$87,652	\$0	\$0	\$87,652
50.01 - 55.00	\$0	\$0	\$99,312	\$164,903	\$0	\$0	\$264,215
55.01 - 60.00	\$0	\$152,835	\$0	\$174,439	\$0	\$0	\$327,274
60.01 - 65.00	\$0	\$0	\$0	\$35,037	\$0	\$0	\$35,037
65.01 - 70.00	\$0	\$0	\$0	\$551,570	\$0	\$0	\$551,570
70.01 - 75.00	\$0	\$0	\$0	\$224,764	\$0	\$0	\$224,764
75.01 - 80.00	\$0	\$0	\$0	\$248,401	\$0	\$0	\$248,401
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$152,835	\$99,312	\$1,628,993	\$257,067	\$0	\$2,138,207

### 90 or more days past due

Indexed LTV (%)	British Columbia	Prairies	<u>Ontario</u>	Quebec	Atlantic	Other	Total
20.00 and below	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30.01 - 35.00	\$246,974	\$0	\$0	\$56,402	\$0	\$0	\$303,377
35.01 - 40.00	\$0	\$0	\$0	\$75,938	\$0	\$0	\$75,938
40.01 - 45.00	\$0	\$0	\$0	\$29,176	\$0	\$0	\$29,176
45.01 - 50.00	\$0	\$0	\$0	\$0	\$70,686	\$0	\$70,686
50.01 - 55.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55.01 - 60.00	\$0	\$0	\$0	\$449,527	\$0	\$0	\$449,527
60.01 - 65.00	\$0	\$0	\$0	\$90,251	\$0	\$0	\$90,251
65.01 - 70.00	\$0	\$0	\$0	\$99,088	\$0	\$0	\$99,088
70.01 - 75.00	\$0	\$665,516	\$0	\$0	\$0	\$0	\$665,516
75.01 - 80.00	\$0	\$0	\$0	\$42,803	\$0	\$0	\$42,803
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$246,974	\$665,516	\$0	\$843,185	\$70,686	\$0	\$1,826,362

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

Indexed LTV (%)

	599 and below	<u>600 - 650</u>	<u>651 - 700</u>	<u>701 - 750</u>	<u>751 - 800</u>	801 and above	Score Unavailable	Total
20.00 and below	\$1,286,964	\$3,606,650	\$17,172,662	\$56,176,553	\$277,091,770	\$104,345,894	\$11,648,952	\$471,329,446
20.01 - 25.00	\$1,212,594	\$6,475,895	\$17,041,780	\$71,948,661	\$207,903,311	\$56,709,414	\$8,730,831	\$370,022,485
25.01 - 30.00	\$3,072,730	\$8,100,540	\$33,141,630	\$95,538,277	\$257,952,565	\$61,741,780	\$14,286,368	\$473,833,891
30.01 - 35.00	\$4,494,925	\$11,952,716	\$45,940,833	\$161,751,724	\$334,833,665	\$82,958,461	\$18,646,353	\$660,578,677
35.01 - 40.00	\$6,174,268	\$17,440,144	\$62,565,430	\$214,125,976	\$395,901,065	\$115,627,218	\$22,986,517	\$834,820,619
40.01 - 45.00	\$10,203,295	\$25,171,270	\$90,248,311	\$308,192,727	\$479,674,745	\$118,909,574	\$21,397,089	\$1,053,797,012
45.01 - 50.00	\$11,347,533	\$30,325,719	\$102,735,594	\$354,799,455	\$500,580,012	\$122,135,148	\$27,399,608	\$1,149,323,068
50.01 - 55.00	\$13,757,742	\$34,931,260	\$120,154,755	\$399,867,068	\$510,412,132	\$132,874,095	\$28,354,853	\$1,240,351,906
55.01 - 60.00	\$18,594,335	\$44,201,758	\$145,799,099	\$468,030,037	\$517,916,476	\$133,435,322	\$21,427,469	\$1,349,404,498
60.01 - 65.00	\$17,808,541	\$47,132,949	\$159,291,457	\$576,548,549	\$528,563,651	\$141,081,294	\$25,386,180	\$1,495,812,623
65.01 - 70.00	\$18,754,955	\$45,730,265	\$190,652,415	\$618,874,089	\$462,222,995	\$122,120,662	\$19,795,551	\$1,478,150,933
70.01 - 75.00	\$14,090,737	\$33,910,707	\$177,813,276	\$490,567,590	\$335,647,288	\$88,054,170	\$19,139,039	\$1,159,222,808
75.01 - 80.00	\$5,468,515	\$19,777,567	\$93,194,258	\$210,250,758	\$112,121,984	\$30,402,761	\$4,759,378	\$475,975,221
Greater than 80.00	\$1,696,639	\$4,402,820	\$14,303,754	\$40,088,639	\$25,438,741	\$10,932,312	\$2,044,615	\$98,907,522
Total	\$127,963,775	\$333,160,262	\$1,270,055,254	\$4,066,760,106	\$4,946,260,402	\$1,321,328,106	\$246,002,803	\$12,311,530,708



#### 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 Halfax 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-indices. 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 prices or the prices 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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