

National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report

Calculation Date: 28 Sep 2018

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 Info	rmation							
<u>Series</u>	Initial Amount	Translation Rate	C\$ Equivalent	Maturity Date	Extended Due for Payment Date	Coupon Rate	Rate Type	Maturity Type
CBL1	€1,000,000,000	1.4618	\$1,461,800,000	17 Dec 2018	17 Dec 2019	1.250%	Fixed	Soft
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
			\$8,254,415,000					

Weighted Average Maturity of Outstanding Covered Bonds (months) 41.91
Weighted Average Remaining Term of Loans in Cover Pool (months) 27.43

Series Ratings	Moody's	<u>DBRS</u>	Fitch Ratings
CBL1	Aaa	AAA	AAA
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

Supplementary Information

<u>Parties</u>

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

-	Standard & Poor's	Moody's	DBRS	Fitch Ratings
Long Term Senior Debt	Α	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 (RBC)

	Moody'S (Deposit Rating)	DBRS (Debt Ratings)	Fitch Ratings (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 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.

Moody's	<u>DBRS</u>	<u>Fitch</u>
P-1*	R-1(low)* or A	F1* or A
P-1*	R-1(low)* or A	F1* or A
P-2(cr)*	BBB (low)	F2*
Baa3	BBB (low)	F2*
P-2(cr)* or A3(cr)	R-2(mid)* or BBB	F2* or BBB+
P-2(cr)* or A3(cr)	R-2(mid)* or BBB	F2* or BBB+
Baa1	BBB (low)	BBB-
	P-1* P-1(cr)* Baa3 P-2(cr)* or A3(cr) P-2(cr)* or A3(cr)	P-1* R-1(low)* or A P-1* R-1(low)* or A P-2(cr)* BBB (low) Baa3 BBB (low) P-2(cr)* or A3(cr) R-2(mid)* or BBB P-2(cr)* or A3(cr) R-2(mid)* or BBB

B. Specified Rating Related Action

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

	WOOdy S	DBKS	FILCII
(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:

	ivioudy S	DBKS	FILCIT
(a) Servicer is required to transfer amounts belonging to the Guaranto to the Cash Manager or the GIC Account, as applicable, within	or P-1(cr)*	BBB(low)	F1* or A

Moody's

DBBS

Eitch

2 business days

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

recess (142-6) raise belief and expandice rating.	Moody's	<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(mid)* or A(low)	F1* or A
(c) Fund Pre-Maturity Liquidity Required Amount on Hard Bullet	P-1*	6 months: A(high)	F1+*
Covered Bonds		12 months: A(low)	

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

Issuer (NBC) falls below the stipulated rating:	Moody's	<u>DBRS</u>	Fitch
(a) The Interest Rate Swap and the Covered Bond Swap will become	Baa1	BBB(high)	BBB+

(a) The Interest Rate Swap and the Covered Bond Swap will become effective except as otherwise provided in the Covered Bond Swaps Agreements

v. Each Swap Provider is required to transfer credit support, replace itself or obtain a guarantee of its obligations if the rating of such Swap Provider falls below the specified rating.

	Moody's	<u>DBRS</u>	<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

*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



OSFI Maximum (CAD Equivalent):

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Asset Coverage Test

Outstanding Covered Bonds	\$8,254,415,000	
A = Lesser of (i) LTV Adjusted True Balance and	\$11,999,444,279	A(i): \$13,082,350,308
(ii) Asset Percentage Adjusted True Balance		A(ii): \$11,999,444,279
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 : 109.16%
Z = Negative Carry Factor calculation	\$144,156,173	
Total: A + B + C + D + E - Y- Z	\$11,855,288,106	
Asset Coverage Test	PASS PASS	

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

¹ Per Section 4.3.8 of the CMHC Guide. (A) the lesser of (ii) the total amount of cover pool collateral and (iii) the amount of cover pool collateral required to collateralize the covered bonds outstanding and ensure the Asset Coverage Test is met. divided

¹ Per Section 4.3.8 of the CMHC Guide, (A) the lesser of (i) the total amount of cove by (B) the Canadian dollar equivalent of the principal amount of covered bonds outs	er pool collateral and (ii) the ar standing under the registered	mount of cover pool collateral re- covered bond program.	uired to collateralize the covered bonds outstanding and ensure the Asset Coverage Test is met, divided
Valuation Calculation			
Trading Value of Covered Bonds		\$8,405,651,778	
A = LTV Adjusted Loan Present Value		\$12,756,091,782	
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		\$12,756,091,782	
Weighted average market rate used for discounting:		4.04%	
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		\$9,010,627,892	
Demand Loan		\$4,277,879,277	
Total		\$13,288,507,169	
Covered Bonds Outstanding vs OSFI Limit			
Covered Bonds Currently Outstanding (CAD Equivalent):			
Issued under the Legislative Covered Bond Programme			
ě ě		\$8,254,415,000	

\$10,039,201,800



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Cover Pool Summary Statistics	
Previous Month Ending Balance	\$13,291,486,196
Current Balance	\$13,088,810,484
Number of Mortgage loans in Pool	105,939
Average Mortgage Size	\$123,550
Number of Properties	83,716
Number of Primary Borrowers	80,709
Weighted Average Indexed Authorized LTV	60.19%
Weighted Average Indexed Drawn LTV	53.19%
Weighted Average Original LTV	72.26%
Weighted Average Interest Rate	2.90%
Weighted Average Seasoning	26.58 months
Weighted Average Original Term	54.01 months
Weighted Average Remaining Term	27.43 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	105,802	99.87%	\$13,073,462,869	99.88%				
30 to 59 days past due	71	0.07%	\$7,616,142	0.06%				
60 to 89 days past due	36	0.03%	\$4,465,459	0.03%				
90 or more days past due	30	0.03%	\$3,266,014	0.03%				
Total	105,939	100.00%	\$13,088,810,484	100.00%				

Cover Pool Provincial Distribution				
<u>Province</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
British Columbia	2,482	2.34%	\$693,449,005	5.30%
Prairies	4,058	3.83%	\$780,762,304	5.97%
Ontario	16,144	15.24%	\$3,441,438,063	26.29%
Quebec	81,228	76.67%	\$8,005,547,953	61.16%
Atlantic	2,027	1.91%	\$167,613,159	1.28%
Other	0	0.00%	\$0	0.00%
Total	105,939	100.00%	\$13,088,810,484	100.00%

Cover Pool Credit Score Distribution				
Credit Score	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Score Unavailable	1,749	1.65%	\$261,509,047	2.00%
599 and below	1,275	1.20%	\$140,769,367	1.08%
600 - 650	2,721	2.57%	\$356,510,640	2.72%
651 - 700	10,009	9.45%	\$1,360,861,340	10.40%
701 - 750	32,785	30.95%	\$4,323,502,711	33.03%
751 - 800	44,588	42.09%	\$5,249,219,402	40.10%
801 and above	12,812	12.09%	\$1,396,437,977	10.67%
Total	105,939	100.00%	\$13,088,810,484	100.00%

Cover Pool Interest Rate Type Distribution				
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Fixed	82,222	77.61%	\$9,479,311,342	72.42%
Variable	23,717	22.39%	\$3,609,499,142	27.58%
Total	105,939	100.00%	\$13,088,810,484	100.00%



950,000 - 999,999

Total

1,000,000 and above

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BANK	Calculation Date: 28 Sep 2018					
Cover Pool Occupancy Type Distribution						
Occupancy Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>		
Owner Occupied	92,210	87.04%	\$10,848,508,609	82.88%		
Non-Owner Occupied	13,729	12.96%	\$2,240,301,875	17.12%		
Total	105,939	100.00%	\$13,088,810,484	100.00%		
Mortgage Asset Type Distribution						
Asset Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>		
Conventional Mortgage	46,046	43.46%	\$6,681,318,171	51.05%		
Amortizing Segment of All-in-One Product	59,893	56.54%	\$6,407,492,313	48.95%		
Total	105,939	100.00%	\$13,088,810,484	100.00%		
Cover Pool Interest Rate Distribution						
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>		
Less than 2.000	286	0.27%	\$43,912,799	0.34%		
2.000 - 2.999	64,093	60.50%	\$7,768,822,048	59.35%		
3.000 - 3.999	39,659	37.44%	\$5,068,144,801	38.72%		
4.000 - 4.999	1,115	1.05%	\$129,657,036	0.99%		
5.000 - 5.999	109	0.10%	\$12,377,407	0.09%		
6.000 - 6.999	147	0.14%	\$13,846,551	0.11%		
7.000 - 7.999	530	0.50%	\$52,049,843	0.40%		
8.000 or Greater	0	0.00%	\$0	0.00%		
Total	105,939	100.00%	\$13,088,810,484	100.00%		
Cover Pool Remaining Balance						
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>		
99,999 and below	57,298	54.09%	\$2,761,972,025	21.10%		
100,000 - 149,999	18,476	17.44%	\$2,279,653,139	17.42%		
150,000 - 199,999	12,325	11.63%	\$2,135,503,435	16.32%		
200,000 - 249,999	6,760	6.38%	\$1,507,557,814	11.52%		
250,000 - 299,999	3,933	3.71%	\$1,072,883,060	8.20%		
300,000 - 349,999	2,294	2.17%	\$740,953,761	5.66%		
350,000 - 399,999	1,475	1.39%	\$549,522,388	4.20%		
400,000 - 449,999	879	0.83%	\$371,392,388	2.84%		
450,000 - 499,999	621	0.59%	\$293,175,252	2.24%		
500,000 - 549,999	409	0.39%	\$214,364,991	1.64%		
550,000 - 599,999	289	0.27%	\$165,778,325	1.27%		
600,000 - 649,999	207	0.20%	\$129,117,148	0.99%		
650,000 - 699,999	159	0.15%	\$107,053,265	0.82%		
700,000 - 749,999	145	0.14%	\$105,242,922	0.80%		
750,000 - 799,999	117	0.11%	\$90,713,707	0.69%		
800,000 - 849,999	110	0.10%	\$90,429,362	0.69%		
850,000 - 899,999	108	0.10%	\$94,225,223	0.72%		
900,000 - 949,999	86	0.08%	\$79,703,101	0.61%		

83

165

105,939

0.08%

0.16%

100.00%

0.61%

1.68%

100.00%

\$79,963,936

\$219,605,245

\$13,088,810,484



Greater than 80.00

Total

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BANK	Calculation Date:	28 Sep 2018		
Carray David Marsha & Matarita Distribution				
Cover Pool Months to Maturity Distribution		_		_
Months to Maturity	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
5 or Less	8,755	8.26%	\$903,645,622	6.90%
6 - 11	14,824	13.99%	\$1,762,761,102	13.47%
12 - 23	27,824	26.26%	\$3,238,900,029	24.75%
24 - 35	23,118	21.82%	\$2,848,149,301	21.76%
36 - 47	19,626	18.53%	\$2,914,934,126	22.27%
48 - 59	10,771	10.17%	\$1,303,275,579	9.96%
60 - 71	928	0.88%	\$105,620,105	0.81%
72 - 83 84 or Greater	35	0.03%	\$3,897,519	0.03%
Total	58 105,939	0.05% 100.00%	\$7,627,100 \$13,088,810,484	0.06% 100.00%
Cover Pool Property Type Distribution	_	_	_	
Property Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Single Family	83,044	78.39%	\$10,002,231,399	76.42%
Condominium	12,172	11.49%	\$1,567,042,734	11.97%
2-4 Family Units	10,723	10.12%	\$1,519,536,350	11.61%
Total	105,939	100.00%	\$13,088,810,484	100.00%
Cover Pool Indexed LTV - Authorized Distribution				
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
20.00 and below	2,833	2.67%	\$128,547,127	0.98%
20.01 - 25.00	1,771	1.67%	\$138,556,857	1.06%
25.01 - 30.00	2,479	2.34%	\$228,609,945	1.75%
30.01 - 35.00	3,332	3.15%	\$380,128,992	2.90%
35.01 - 40.00	4,577	4.32%	\$581,061,793	4.44%
40.01 - 45.00	5,934	5.60%	\$809,402,033	6.18%
45.01 - 50.00	6,959	6.57%	\$962,017,633	7.35%
50.01 - 55.00	7,775	7.34%	\$1,084,526,746	8.29%
55.01 - 60.00	9,739	9.19%	\$1,282,705,262	9.80%
60.01 - 65.00	11,472	10.83%	\$1,502,185,586	11.48%
65.01 - 70.00	12,851	12.13%	\$1,716,073,837	13.11%
70.01 - 75.00	18,266	17.24%	\$2,241,497,373	17.13%
75.01 - 80.00	15,820	14.93%	\$1,737,408,538	13.27%
Greater than 80.00	2,131	2.01%	\$296,088,762	2.26%
Total	105,939	100.00%	\$13,088,810,484	100.00%
Cover Pool Indexed LTV - Drawn Distribution				
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
20.00 and below	9,352	8.83%	\$474,346,389	3.62%
20.01 - 25.00	4,473	4.22%	\$376,766,722	2.88%
25.01 - 30.00	5,072	4.79%	\$488,353,822	3.73%
30.01 - 35.00	5,964	5.63%	\$658,858,840	5.03%
35.01 - 40.00	7,079	6.68%	\$851,027,446	6.50%
40.01 - 45.00	8,184	7.73%	\$1,066,183,841	8.15%
45.01 - 50.00	8,919	8.42%	\$1,181,757,221	9.03%
50.01 - 55.00	9,529	8.99%	\$1,284,824,819	9.82%
55.01 - 60.00	10,418	9.83%	\$1,404,402,701	10.73%
60.01 - 65.00	11,166	10.54%	\$1,541,153,657	11.77%
65.01 - 70.00	11,324	10.69%	\$1,631,310,050	12.46%
70.01 - 75.00	10,074	9.51%	\$1,472,105,696	11.25%
75.01 - 80.00	4,026	3.80%	\$564,803,798	4.32%

359

105,939

0.34%

100.00%

0.71%

100.00%

\$92,915,481

\$13,088,810,484



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Provincial Distribution by Indexed LTV - Drawn and Aging Summary

Current	and	lace	than	30	avch	past due	

Indexed LTV (%)	British Columbia	<u>Prairies</u>	<u>Ontario</u>	Quebec	Atlantic	Other	<u>Total</u>
20.00 and below	\$63,870,777	\$10,345,151	\$171,915,896	\$223,654,304	\$4,541,531	\$0	\$474,327,659
20.01 - 25.00	\$47,082,210	\$11,425,885	\$149,514,180	\$165,150,194	\$3,594,253	\$0	\$376,766,722
25.01 - 30.00	\$52,332,353	\$13,640,736	\$194,533,628	\$222,337,133	\$5,211,004	\$0	\$488,054,854
30.01 - 35.00	\$71,196,317	\$17,665,669	\$267,219,323	\$295,347,917	\$7,176,938	\$0	\$658,606,164
35.01 - 40.00	\$86,148,481	\$19,830,671	\$350,699,740	\$382,580,178	\$11,396,028	\$0	\$850,655,099
40.01 - 45.00	\$83,579,601	\$29,133,022	\$440,478,752	\$492,635,003	\$19,213,624	\$0	\$1,065,040,002
45.01 - 50.00	\$75,014,371	\$52,835,565	\$435,328,241	\$583,110,057	\$34,551,832	\$0	\$1,180,840,066
50.01 - 55.00	\$79,056,930	\$56,073,731	\$374,411,661	\$735,912,784	\$37,941,546	\$0	\$1,283,396,653
55.01 - 60.00	\$60,688,245	\$67,280,662	\$320,565,115	\$940,190,369	\$13,961,591	\$0	\$1,402,685,982
60.01 - 65.00	\$44,462,737	\$86,187,441	\$280,139,587	\$1,118,702,248	\$9,500,011	\$0	\$1,538,992,024
65.01 - 70.00	\$22,269,424	\$120,693,476	\$234,412,625	\$1,238,197,058	\$13,157,861	\$0	\$1,628,730,443
70.01 - 75.00	\$7,055,645	\$140,128,968	\$137,968,925	\$1,179,317,980	\$5,028,936	\$0	\$1,469,500,453
75.01 - 80.00	\$451,202	\$108,425,988	\$43,316,580	\$410,038,898	\$947,190	\$0	\$563,179,858
Greater than 80.00	\$0	\$45,961,379	\$38,380,949	\$8,344,561	\$0	\$0	\$92,686,889
Total	\$693,208,293	\$779,628,345	\$3,438,885,202	\$7,995,518,683	\$166,222,346	\$0	\$13,073,462,869

30 to 59 days past due

Indexed LTV (%)	British Columbia	<u>Prairies</u>	<u>Ontario</u>	Quebec	Atlantic	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$18,730	\$0	\$0	\$18,730
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$0	\$19,624	\$0	\$0	\$19,624
30.01 - 35.00	\$0	\$0	\$102,820	\$14,680	\$0	\$0	\$117,500
35.01 - 40.00	\$0	\$0	\$143,941	\$136,509	\$0	\$0	\$280,450
40.01 - 45.00	\$0	\$0	\$0	\$435,649	\$0	\$0	\$435,649
45.01 - 50.00	\$0	\$0	\$0	\$275,331	\$105,200	\$0	\$380,531
50.01 - 55.00	\$240,711	\$0	\$282,034	\$334,044	\$100,535	\$0	\$957,325
55.01 - 60.00	\$0	\$0	\$29,922	\$787,010	\$80,572	\$0	\$897,504
60.01 - 65.00	\$0	\$0	\$112,658	\$710,290	\$0	\$0	\$822,948
65.01 - 70.00	\$0	\$0	\$51,392	\$1,259,430	\$0	\$0	\$1,310,822
70.01 - 75.00	\$0	\$102,089	\$0	\$691,897	\$0	\$0	\$793,985
75.01 - 80.00	\$0	\$443,054	\$0	\$374,772	\$534,654	\$0	\$1,352,480
Greater than 80.00	\$0	\$228,592	\$0	\$0	\$0	\$0	\$228,592
Total	\$240,711	\$773,735	\$722,768	\$5,057,966	\$820,961	\$0	\$7,616,142



National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report Calculation Date: 28 Sep 2018

60 to 89 days past due

Indexed LTV (%)	British Columbia	<u>Prairies</u>	<u>Ontario</u>	Quebec	Atlantic	Other	<u>Total</u>
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	\$192,568	\$86,776	\$0	\$0	\$279,344
30.01 - 35.00	\$0	\$0	\$0	\$135,176	\$0	\$0	\$135,176
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40.01 - 45.00	\$0	\$0	\$304,884	\$58,477	\$0	\$0	\$363,361
45.01 - 50.00	\$0	\$0	\$262,354	\$0	\$46,895	\$0	\$309,250
50.01 - 55.00	\$0	\$0	\$0	\$131,710	\$0	\$0	\$131,710
55.01 - 60.00	\$0	\$0	\$0	\$109,641	\$0	\$0	\$109,641
60.01 - 65.00	\$0	\$264,421	\$0	\$524,560	\$0	\$0	\$788,980
65.01 - 70.00	\$0	\$0	\$297,188	\$725,751	\$0	\$0	\$1,022,939
70.01 - 75.00	\$0	\$0	\$669,565	\$384,034	\$0	\$0	\$1,053,599
75.01 - 80.00	\$0	\$0	\$0	\$271,459	\$0	\$0	\$271,459
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$264,421	\$1,726,560	\$2,427,584	\$46,895	\$0	\$4,465,459

90 or more days past due

Indexed LTV (%)	British Columbia	<u>Prairies</u>	<u>Ontario</u>	Quebec	Atlantic	Other	<u>Total</u>
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35.01 - 40.00	\$0	\$0	\$0	\$91,897	\$0	\$0	\$91,897
40.01 - 45.00	\$0	\$0	\$0	\$344,828	\$0	\$0	\$344,828
45.01 - 50.00	\$0	\$0	\$0	\$111,011	\$116,363	\$0	\$227,374
50.01 - 55.00	\$0	\$95,804	\$103,534	\$139,794	\$0	\$0	\$339,131
55.01 - 60.00	\$0	\$0	\$0	\$302,981	\$406,593	\$0	\$709,574
60.01 - 65.00	\$0	\$0	\$0	\$549,705	\$0	\$0	\$549,705
65.01 - 70.00	\$0	\$0	\$0	\$245,846	\$0	\$0	\$245,846
70.01 - 75.00	\$0	\$0	\$0	\$757,659	\$0	\$0	\$757,659
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$95.804	\$103.534	\$2.543.721	\$522.956	\$0	\$3,266,014

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	<u>Total</u>
20.00 and below	\$1,206,668	\$3,779,608	\$18,036,030	\$58,274,272	\$274,275,060	\$108,588,306	\$10,186,445	\$474,346,389
20.01 - 25.00	\$1,251,698	\$7,016,449	\$16,428,804	\$66,063,902	\$218,303,733	\$56,750,480	\$10,951,657	\$376,766,722
25.01 - 30.00	\$2,743,373	\$8,320,436	\$31,940,859	\$101,427,455	\$262,941,616	\$66,008,403	\$14,971,679	\$488,353,822
30.01 - 35.00	\$4,120,420	\$11,006,055	\$46,554,116	\$159,748,198	\$332,589,503	\$85,372,705	\$19,467,843	\$658,858,840
35.01 - 40.00	\$6,276,183	\$16,450,455	\$63,522,075	\$223,420,445	\$407,615,268	\$111,964,295	\$21,778,725	\$851,027,446
40.01 - 45.00	\$10,750,738	\$26,516,615	\$90,247,741	\$302,518,292	\$491,756,660	\$121,562,746	\$22,831,050	\$1,066,183,841
45.01 - 50.00	\$10,879,012	\$33,589,402	\$105,299,006	\$354,127,832	\$526,591,950	\$126,627,856	\$24,642,161	\$1,181,757,221
50.01 - 55.00	\$14,679,658	\$33,702,922	\$125,850,773	\$419,918,605	\$526,903,966	\$135,125,455	\$28,643,441	\$1,284,824,819
55.01 - 60.00	\$18,813,498	\$43,008,644	\$147,794,183	\$470,315,095	\$555,272,394	\$140,970,613	\$28,228,274	\$1,404,402,701
60.01 - 65.00	\$22,296,768	\$48,325,726	\$171,679,722	\$563,092,439	\$561,374,200	\$149,222,049	\$25,162,753	\$1,541,153,657
65.01 - 70.00	\$20,634,965	\$53,039,179	\$204,180,702	\$698,414,169	\$495,457,469	\$135,701,681	\$23,881,885	\$1,631,310,050
70.01 - 75.00	\$19,460,996	\$44,868,336	\$215,789,326	\$628,147,787	\$434,333,704	\$108,160,671	\$21,344,876	\$1,472,105,696
75.01 - 80.00	\$6,156,969	\$21,762,399	\$108,898,626	\$246,454,893	\$135,278,982	\$38,531,633	\$7,720,295	\$564,803,798
Greater than 80.00	\$1,498,423	\$5,124,413	\$14,639,377	\$31,579,326	\$26,524,896	\$11,851,083	\$1,697,964	\$92,915,481
Total	\$140,769,367	\$356,510,640	\$1,360,861,340	\$4,323,502,711	\$5,249,219,402	\$1,396,437,977	\$261,509,047	\$13,088,810,484



National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report

Calculation Date: 28 Sep 2018

Indexation Methodology

As of the date of this Investor Report, the Guarantor uses the methodology described below (which methodology is, as of the date hereof, the "Indexation Methodology"), to establish the market value of residential properties securing loans included in the Covered Bond Portfolio on a quarterly basis for purposes of the Asset Coverage Test, the Amortization Test, the Valuation Calculation and for other purposes as may be required by the CMHC Guide from time to time. Changes to the Indexation Methodology may only be made (i) upon notice to CMHC and satisfaction of any other conditions specified by CMHC in relation thereto, (ii) if such change constitutes a material change, subject to satisfaction of the Rating Agency Condition, and (iii) if such change is materially prejudicial to the Covered Bondholders, subject to the consent of the Bond Trustee. The Indexation Methodology must at all times comply with the requirements of the CMHC Guide.

The primary index used by the Guarantor to determine the market value of a Property is the Teranet-National Bank Regional and Property Type Sub-IndicesTM (the "RPT Sub-Indices"). The RPT Sub-Indices are estimated by tracking the observed or registered home prices over time based on property records of public land registries and grouped based on the first three digits of the Property's postal code. A Property must have been sold at least twice in order to be included in the calculation of the RPT Sub-Indices. In areas where sufficient data is available, the RPT Sub-Indices may be further subdivided by property type (all types, single-family homes and condominiums), which offers another layer of valuation granularity without compromising the statistical estimation error terms. To the extent necessary, the Teranet-National Bank House Price IndexTM – Composite 11 Index (the "HPI – Composite 11") will be used for indexation purposes where the RPT Sub-Indices are not available. The HPI – Composite 11 combines the metropolitan areas of Victoria, Vancouver, Calgary, Edmonton, Winnipeg, Hamilton, Toronto, Ottawa, Montréal, Québec and Halifax to form a national composite index. At this time, New Brunswick and Saskatchewan are the only areas relevant to the Covered Bond Portfolio for which the RPT Sub-Indices are not available. For regions where the RPT Sub-Indices are not subdivided by property type, the Guarantor will use the all types sub-index. The RPT Sub-Indices and the HPI – Composite 11 are available by subscription at www.housepriceindex.ca. This website and its contents do not form part of this Investor Report.

For each Property in the Covered Bond Portfolio, the indexed valuation for a quarter will be determined by multiplying the Original Market Value (as defined in the CMHC Guide) for such Property by the percentage change since the valuation date in the price level for the sub-index in which such Property is located and, if available, also based on the property type.

Material risks associated with using the Indexation Methodology include, but are not limited to, the following: the accuracy, adequacy, timeliness and completeness of the indices being relied upon; the consistency in underlying methodology of such indices; the continued availability of the home sale price data provided to Teranet; in the case of Properties outside of the regions covered by the RPT Sub-Indices, the risk that the HPI – Composite 11 may not accurately capture unique factors affecting local housing markets; and in the case of Properties located within the regions where the RPT Sub-Indices are not subdivided by property type, the risk that the all-types sub-index may not account for differences in property value changes based on property type.

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

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