

National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report

Calculation Date: 30 Nov 2016

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
CBL4	USD\$750,000,000	1.2592	\$944,400,000	20 Apr 2018	20 Apr 2019	1.400%	Fixed	Soft
CBL5	£100,000,000	1.7100	\$171,000,000	27 Sep 2021	27 Sep 2022	3 month £ Libor +0.37%	Floating	Soft
CBL6	€750,000,000	1.4618	\$1,096,350,000	29 Sep 2023	29 Sep 2024	0.000%	Fixed	Soft
			\$6,596,750,000					

Weighted Average Maturity of Outstanding Covered Bonds (months) 48.03
Weighted Average Remaining Term of Loans in Cover Pool (months) 30.68

Series Ratings	Moody's	DBRS	Fitch Ratings
CBL1	Aaa	AAA	AAA
CBL2	Aaa	AAA	AAA
CBL3	Aaa	AAA	AAA
CBL4	Aaa	AAA	AAA
CBL5	Aaa	AAA	AAA
CBL6	Aaa	AAA	AAA

Supplementary Information

<u>Parties</u>

Issuer National Bank of Canada (NBC)

Guarantor Family NBC Covered Bond Guarantor (Legislative) Limited Partnership

Servicer & Cash Manager National Bank of Canada Swap Providers 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	<u>DBRS</u>	Fitch Ratings
Senior Debt	A	Aa3	AA (low)	A+
Short Term	A-1	P-1	R-1 M	F1
Outlook	Stable	Negative	Negative	Stable
Applicable Ratings of Standby Account Bank & GIC Provider (RBC)				
	Moody's	DBRS	Fitch Ratings	
Senior Debt	Aa3	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 (i) transfer credit support and (ii) replace itself or obtain a guarantee for its obligations. 	or in the case of the Sv	vap Providers		

Role (Current Party)	Moody's	<u>DBRS</u>	<u>Fitch</u>
Account Bank & GIC Provider (NBC)	P-1*	R-1(mid) & A(high)	F1* or A
Standby Account Bank & GIC Provider (RBC)	P-1*	R-1(mid) & A(high)	F1* or A
Cash Manager (NBC)	P-2*	BBB (low)	F2*
Servicer (NBC)	Baa3	BBB (low)	F2*
Interest Rate Swap Provider (NBC)	P-2* or A3	R-2(high)* & BBB(high)	F3* or BBB-
Covered Bond Swap Provider (NBC)	P-2* or A3	R-2(high)* & BBB(high)	F3* or BBB-
Title Holder on Mortgages (NBC)	Baa3	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	<u>DBRS</u>	<u>Fitch</u>
(a) Amounts received by the Servicer are to be deposited directly to the GIC Account and not provided to the Cash Manager	P-1*	BBB(low)	F1* or A
(b) Amounts held by the Cash Manager belonging to the Guarantor are to be deposited to the Transaction Account or the GIC account, as applicable, within 5 business days	P-1*	BBB(low)	F1* or A
ii. The following actions are required if the rating of the Servicer (NBC	C) falls below th	ne stipulated rating:	
	Moody's	<u>DBRS</u>	<u>Fitch</u>
(a) Servicer is required to transfer amounts belonging to the Guarant to the Cash Manager or the GIC Account, as applicable, within 2 business days	or P-1*	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



National Bank of Canada Legislative Covered Bond Programme **Monthly Investor Report**

Calculation Date: 30 Nov 2016

(a) Repayment of the Demand Loan N/A N/A F2* or BBB+ (b) Establishment of the Reserve Fund P-1* R-1(mid)* & A(low) F1* or A (c) Fund Pre-Maturity Liquidity Required Amount on Hard Bullet Covered Bonds P-1* 6 months: A(high) F1+* 12 months: A(low)

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

DBRS Moody's Fitch

(a) The Interest Rate Swap and the Covered Bond Swap will become

BBB(high) Baa1

BBB+

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 **DBRS** Fitch (a) Interest Rate Swap Provider P-1* or A2 R-1(mid)* & A(high) F1* or A (b) Covered Bond Swap Provider P-1* or A2 (1) R-1(mid)* & A(high) F1* or A

*Short Term rating

Events of Default

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

Asset Coverage Test

Asset Coverage Test

Outstanding Covered Bonds	\$6,596,750,000	
	A	
A = Lesser of (i) LTV Adjusted True Balance and	\$12,500,029,140	A(i): \$13,631,438,538
(ii) Asset Percentage Adjusted True Balance		A(ii): \$12,500,029,140
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	
Y = Contingent Collateral Amount		
Z = Negative Carry Factor calculation	\$132,029,745	
Total: A + B + C + D + E - Y- Z	\$12,367,999,394	

PASS

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

⁽¹⁾ If Credit Support Provider or Guarantor does not have a short-term rating assigned by Moody's, the long term unsecured rating trigger is A1.



OSFI Maximum (CAD Equivalent):

National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report Calculation Date: 30 Nov 2016

	ion		

Trading Value of Covered Bonds		\$6,663,927,981
A = LTV Adjusted Loan Present Value		\$13,424,792,189
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		\$13,424,792,189
Weighted average market rate used for discounting:		3.33%
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		\$7,200,212,590
Demand Loan		\$6,706,371,183
Total		\$13,906,583,773
Covered Bonds Outstanding vs OSFI Limit		
Covered Bonds Currently Outstanding (CAD Equivalent):		
Issued under the Legislative Covered Bond Programme		\$6,596,750,000
Total		\$6,596,750,000

Note: Covered Bonds issued under the Structured Covered Bond Programme do not form part of the Legislative Covered Bond Programme, nor do they benefit from the Covered Bond Legislative Framework.

\$9,035,340,280



Cover Pool Summary Statistics		
Previous Month Ending Balance	\$13,872,316,735	
Current Balance	\$13,634,147,831	
Number of Mortgages in Pool	111,354	
Average Mortgage Size	\$122,440	
Number of Properties	86,999	
Number of Borrowers	83,760	
Weighted Average Indexed Authorized LTV	63.78%	
Weighted Average Indexed Drawn LTV	56.84%	
Weighted Average Original LTV	72.97%	
Weighted Average Interest Rate	2.69%	
Weighted Average Seasoning	21.61 months	
Weighted Average Original Term	52.29 months	
Weighted Average Remaining Term	30.68 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	111,246	99.90%	\$13,621,834,828	99.91%		
30 to 59 days past due	56	0.05%	\$6,666,934	0.05%		
60 to 89 days past due	28	0.03%	\$2,936,776	0.02%		
90 or more days past due	24	0.02%	\$2,709,293	0.02%		
Total	111,354	100.00%	\$13,634,147,831	100.00%		

Cover Pool Provincial Distribution				
<u>Province</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
British Columbia	2,677	2.40%	\$665,172,593	4.88%
Prairies	4,416	3.97%	\$887,152,837	6.51%
Ontario	16,801	15.09%	\$3,373,948,842	24.75%
Quebec	85,332	76.63%	\$8,523,216,880	62.51%
Atlantic	2,128	1.91%	\$184,656,678	1.35%
Other	0	0.00%	\$0	0.00%
Total	111,354	100.00%	\$13,634,147,831	100.00%

Cover Pool Credit Score Distribution				
<u>Credit Score</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Score Unavailable	1,780	1.60%	\$268,256,909	1.97%
599 and below	1,389	1.25%	\$150,733,198	1.11%
600 - 650	2,916	2.62%	\$370,244,973	2.72%
651 - 700	12,088	10.86%	\$1,633,372,988	11.98%
701 - 750	37,517	33.69%	\$4,886,494,785	35.84%
751 - 800	45,286	40.67%	\$5,225,858,225	38.33%
801 and above	10,378	9.32%	\$1,099,186,754	8.06%
Total	111,354	100.00%	\$13,634,147,831	100.00%



750,000 - 799,999

National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report Calculation Date: 30 Nov 2016

BANK Calculation Date: 30 Nov 2016							
Cover Pool Interest Rate Type Distribution							
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
Fixed	87,882	78.92%	\$10,046,480,738	73.69%			
Variable	23,472	21.08%	\$3,587,667,093	26.31%			
Total	111,354	100.00%	\$13,634,147,831	100.00%			
Cover Pool Occupancy Type Distribution							
Occupancy Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
Owner Occupied	96,151	86.35%	\$11,102,636,040	81.43%			
Non-Owner Occupied	15,203	13.65%	\$2,531,511,791	18.57%			
Total	111,354	100.00%	\$13,634,147,831	100.00%			
Mortgage Asset Type Distribution							
<u>Asset Type</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
Conventional Mortgage	50,369	45.23%	\$6,942,126,645	50.92%			
Mortgage Segment of All-in-One Product	60,985	54.77%	\$6,692,021,187	49.08%			
Total	111,354	100.00%	\$13,634,147,831	100.00%			
Cover Pool Interest Rate Distribution							
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
Less than 2.000	2,324	2.09%	\$439,054,551	3.22%			
2.000 - 2.999	86,823	77.97%	\$10,877,291,411	79.78%			
3.000 - 3.999	19,859	17.83%	\$2,085,266,798	15.29%			
4.000 - 4.999	1,548	1.39%	\$148,999,020	1.09%			
5.000 - 5.999	336	0.30%	\$35,459,647	0.26%			
6.000 - 6.999	464	0.42%	\$48,076,405	0.35%			
7.000 - 7.999	0	0.00%	\$0	0.00%			
8.000 or Greater	0	0.00%	\$0	0.00%			
Total	111,354	100.00%	\$13,634,147,831	100.00%			
Cover Pool Remaining Balance							
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
99,999 and below	59,404	53.35%	\$2,925,496,204	21.46%			
100,000 - 149,999	19,978	17.94%	\$2,470,674,161	18.12%			
150,000 - 199,999	13,170	11.83%	\$2,286,423,003	16.77%			
200,000 - 249,999	7,429	6.67%	\$1,657,267,844	12.16%			
250,000 - 299,999	4,394	3.95%	\$1,198,473,329	8.79%			
300,000 - 349,999	2,460	2.21%	\$795,459,423	5.83%			
350,000 - 399,999	1,556	1.40%	\$581,236,163	4.26%			
400,000 - 449,999	897	0.81%	\$380,159,436	2.79%			
450,000 - 499,999	607	0.55%	\$287,319,854	2.11%			
500,000 - 549,999	329	0.30%	\$171,803,754	1.26%			
550,000 - 599,999	277	0.25%	\$158,834,602	1.16%			
600,000 - 649,999	171	0.15%	\$106,557,644	0.78%			
650,000 - 699,999	117	0.11%	\$78,937,960	0.58%			
700,000 - 749,999	91	0.08%	\$65,830,861	0.48%			

87

0.08%

0.49%

\$67,348,072



Cover Pool Remaining Balance				
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
800,000 - 849,999	83	0.07%	\$68,549,489	0.50%
850,000 - 899,999	73	0.07%	\$64,024,551	0.47%
900,000 - 949,999	60	0.05%	\$55,580,103	0.41%
950,000 - 999,999	59	0.05%	\$57,727,354	0.42%
1,000,000 and above	112	0.10%	\$156,444,026	1.15%
Total	111,354	100.00%	\$13,634,147,831	100.00%

Cover Pool Months to Maturity Distribut	ion			
Months to Maturity	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
5 or Less	6,860	6.16%	\$728,474,739	5.34%
6 - 11	11,268	10.12%	\$1,278,409,122	9.38%
12 - 23	25,303	22.72%	\$2,801,471,848	20.55%
24 - 35	25,463	22.87%	\$3,250,533,027	23.84%
36 - 47	26,580	23.87%	\$3,352,260,802	24.59%
48 - 59	15,219	13.67%	\$2,141,038,903	15.70%
60 - 71	473	0.42%	\$53,380,458	0.39%
72 - 83	119	0.11%	\$18,636,978	0.14%
84 or Greater	69	0.06%	\$9,941,954	0.07%
Total	111,354	100.00%	\$13,634,147,831	100.00%

Cover Pool Property Type Distribution				
Property Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Single Family	88,128	79.14%	\$10,454,652,491	76.68%
Condominium	12,138	10.90%	\$1,599,293,624	11.73%
2-4 Family Units	11,088	9.96%	\$1,580,201,716	11.59%
Total	111,354	100.00%	\$13,634,147,831	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	2,171	1.95%	\$94,412,284	0.69%
20.01 - 25.00	1,543	1.39%	\$113,251,857	0.83%
25.01 - 30.00	2,067	1.86%	\$163,472,752	1.20%
30.01 - 35.00	2,807	2.52%	\$288,681,383	2.12%
35.01 - 40.00	3,657	3.28%	\$390,808,223	2.87%
40.01 - 45.00	4,731	4.25%	\$559,428,042	4.10%
45.01 - 50.00	5,860	5.26%	\$758,949,436	5.57%
50.01 - 55.00	7,163	6.43%	\$967,633,778	7.10%
55.01 - 60.00	8,870	7.97%	\$1,168,694,186	8.57%
60.01 - 65.00	12,667	11.38%	\$1,647,611,901	12.08%
65.01 - 70.00	13,172	11.83%	\$1,735,708,071	12.73%
70.01 - 75.00	16,576	14.89%	\$2,086,441,659	15.30%
75.01 - 80.00	23,860	21.43%	\$2,955,338,729	21.68%
Greater than 80.00	6,210	5.58%	\$703,715,531	5.16%
Total	111,354	100.00%	\$13,634,147,831	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	7,579	6.81%	\$393,013,309	2.88%				
20.01 - 25.00	3,917	3.52%	\$310,890,448	2.28%				
25.01 - 30.00	4,661	4.19%	\$413,590,826	3.03%				
30.01 - 35.00	5,455	4.90%	\$556,854,029	4.08%				
35.01 - 40.00	6,129	5.50%	\$658,529,867	4.83%				
40.01 - 45.00	7,126	6.40%	\$833,638,748	6.11%				
45.01 - 50.00	8,164	7.33%	\$1,006,716,553	7.38%				
50.01 - 55.00	9,214	8.27%	\$1,211,037,255	8.88%				
55.01 - 60.00	10,428	9.36%	\$1,379,803,182	10.12%				
60.01 - 65.00	12,037	10.81%	\$1,638,406,452	12.02%				
65.01 - 70.00	12,744	11.44%	\$1,757,338,037	12.89%				
70.01 - 75.00	13,126	11.79%	\$1,870,846,348	13.72%				
75.01 - 80.00	9,733	8.74%	\$1,453,142,438	10.66%				
Greater than 80.00	1,041	0.93%	\$150,340,340	1.10%				
Total	111,354	100.00%	\$13,634,147,831	100.00%				

Provincial Distribution by Indexed LTV - Drawn and Aging Summary

Current and less than 30 days past due

Indexed LTV (%)	British Columbia	Prairies	<u>Ontario</u>	Quebec	Atlantic	Other	<u>Total</u>
20.00 and below	\$60,259,750	\$9,818,751	\$145,622,198	\$174,505,735	\$2,713,390	\$0	\$392,919,825
20.01 - 25.00	\$48,196,492	\$8,582,296	\$105,915,557	\$145,754,315	\$2,441,788	\$0	\$310,890,448
25.01 - 30.00	\$43,541,839	\$14,979,094	\$154,796,736	\$196,235,415	\$3,641,422	\$0	\$413,194,506
30.01 - 35.00	\$53,592,645	\$18,908,701	\$209,771,339	\$268,037,637	\$6,214,176	\$0	\$556,524,498
35.01 - 40.00	\$59,173,941	\$19,377,821	\$234,377,567	\$336,733,272	\$8,676,183	\$0	\$658,338,784
40.01 - 45.00	\$67,950,463	\$29,570,764	\$289,722,798	\$435,712,733	\$10,372,667	\$0	\$833,329,425
45.01 - 50.00	\$58,728,252	\$38,708,014	\$345,000,607	\$550,432,580	\$12,718,413	\$0	\$1,005,587,865



-	\$664,747,480	\$885,790,437	\$3,372,017,182	\$8,515,117,767	\$184,161,962	\$0	\$13,621,834,828
_	\$0	\$45,727,087	\$486,511	\$104,126,742	\$0	\$0	\$150,340,340
	\$9,486,188	\$160,268,207	\$123,278,891	\$1,155,468,617	\$3,488,902	\$0	\$1,451,990,805
	\$24,513,071	\$143,685,577	\$230,346,189	\$1,465,129,982	\$4,740,414	\$0	\$1,868,415,233
	\$41,106,172	\$144,288,133	\$338,573,324	\$1,218,512,302	\$13,276,247	\$0	\$1,755,756,178
	\$67,426,713	\$119,990,972	\$386,764,000	\$1,020,007,600	\$42,138,457	\$0	\$1,636,327,743
	\$63,132,151	\$78,188,085	\$396,955,175	\$796,343,050	\$43,978,268	\$0	\$1,378,596,729
	\$67,639,803	\$53,696,934	\$410,406,289	\$648,117,789	\$29,761,634	\$0	\$1,209,622,449

30 to 59 days past due

50.01 - 55.00 55.01 - 60.00 60.01 - 65.00 65.01 - 70.00 70.01 - 75.00 75.01 - 80.00 Greater than 80.00

Total

Indexed LTV (%)	British Columbia	<u>Prairies</u>	Ontario	Quebec	Atlantic	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$27,063	\$0	\$0	\$27,063
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$128,012	\$196,761	\$0	\$0	\$324,773
30.01 - 35.00	\$0	\$0	\$0	\$92,689	\$0	\$0	\$92,689
35.01 - 40.00	\$0	\$0	\$191,084	\$0	\$0	\$0	\$191,084
40.01 - 45.00	\$0	\$0	\$0	\$120,714	\$0	\$0	\$120,714
45.01 - 50.00	\$0	\$0	\$0	\$295,183	\$0	\$0	\$295,183
50.01 - 55.00	\$0	\$0	\$185,816	\$695,508	\$88,001	\$0	\$969,324
55.01 - 60.00	\$0	\$0	\$176,139	\$432,633	\$0	\$0	\$608,772
60.01 - 65.00	\$169,004	\$132,857	\$486,352	\$634,924	\$0	\$0	\$1,423,137
65.01 - 70.00	\$0	\$0	\$0	\$884,615	\$0	\$0	\$884,615
70.01 - 75.00	\$0	\$172,432	\$0	\$972,308	\$0	\$0	\$1,144,739
75.01 - 80.00	\$0	\$0	\$74,236	\$510,605	\$0	\$0	\$584,842
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$169,004	\$305,289	\$1,241,639	\$4,863,002	\$88,001	\$0	\$6,666,934

60 to 89 days past due

Indexed LTV (%)	British Columbia	<u>Prairies</u>	Ontario	Quebec	Atlantic	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$47,119	\$0	\$0	\$47,119
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	\$145,783	\$0	\$0	\$145,783
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40.01 - 45.00	\$0	\$0	\$0	\$188,609	\$0	\$0	\$188,609
45.01 - 50.00	\$0	\$0	\$468,162	\$325,814	\$39,529	\$0	\$833,505
50.01 - 55.00	\$127,836	\$0	\$0	\$0	\$0	\$0	\$127,836
55.01 - 60.00	\$0	\$0	\$0	\$79,899	\$0	\$0	\$79,899
60.01 - 65.00	\$0	\$0	\$0	\$106,711	\$156,287	\$0	\$262,998
65.01 - 70.00	\$0	\$0	\$0	\$238,968	\$0	\$0	\$238,968
70.01 - 75.00	\$0	\$228,466	\$221,858	\$561,734	\$0	\$0	\$1,012,059
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$127,836	\$228,466	\$690,021	\$1,694,638	\$195,816	\$0	\$2,936,776



90 or more days past due

· · · · · · · · · · · · · · · · · · ·	British Columbia	Prairies	<u>Ontario</u>	Quebec	Atlantic	<u>Other</u>	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$19,302	\$0	\$0	\$19,302
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$0	\$71,547	\$0	\$0	\$71,547
30.01 - 35.00	\$0	\$0	\$0	\$91,059	\$0	\$0	\$91,059
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45.01 - 50.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50.01 - 55.00	\$128,274	\$0	\$0	\$143,054	\$46,318	\$0	\$317,645
55.01 - 60.00	\$0	\$0	\$0	\$353,200	\$164,582	\$0	\$517,782
60.01 - 65.00	\$0	\$0	\$0	\$392,574	\$0	\$0	\$392,574
65.01 - 70.00	\$0	\$328,433	\$0	\$129,843	\$0	\$0	\$458,276
70.01 - 75.00	\$0	\$0	\$0	\$274,316	\$0	\$0	\$274,316
75.01 - 80.00	\$0	\$500,213	\$0	\$66,578	\$0	\$0	\$566,791
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$128,274	\$828,646	\$0	\$1,541,473	\$210,900	\$0	\$2,709,293
Total	\$128,274	\$828,646	\$0	\$1,541,473	\$210,900	\$0	\$2,709,293

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	\$1,142,732	\$4,072,210	\$15,106,762	\$57,453,553	\$235,411,121	\$72,724,576	\$7,102,355	\$393,013,309
20.01 - 25.00	\$1,238,049	\$3,036,243	\$16,814,178	\$57,846,134	\$191,395,687	\$33,861,564	\$6,698,592	\$310,890,448
25.01 - 30.00	\$1,086,321	\$4,656,817	\$25,760,072	\$95,242,360	\$240,757,969	\$38,855,934	\$7,231,354	\$413,590,826
30.01 - 35.00	\$4,441,357	\$13,293,794	\$36,409,212	\$150,859,495	\$287,471,999	\$48,204,604	\$16,173,568	\$556,854,029
35.01 - 40.00	\$3,919,039	\$12,450,102	\$49,508,709	\$184,662,428	\$335,639,300	\$56,128,277	\$16,222,012	\$658,529,867
40.01 - 45.00	\$6,492,898	\$17,138,459	\$67,223,128	\$260,605,190	\$389,616,161	\$72,547,434	\$20,015,477	\$833,638,748
45.01 - 50.00	\$8,093,873	\$25,127,722	\$104,132,282	\$323,850,604	\$436,767,613	\$85,440,789	\$23,303,670	\$1,006,716,553
50.01 - 55.00	\$12,912,934	\$30,913,166	\$116,389,912	\$437,270,127	\$493,204,768	\$92,779,223	\$27,567,124	\$1,211,037,255
55.01 - 60.00	\$18,038,959	\$39,322,814	\$159,521,735	\$486,590,189	\$539,850,289	\$106,461,547	\$30,017,648	\$1,379,803,182
60.01 - 65.00	\$23,499,827	\$50,698,333	\$190,691,926	\$627,684,450	\$581,555,731	\$129,733,143	\$34,543,042	\$1,638,406,452
65.01 - 70.00	\$29,639,860	\$54,970,166	\$244,098,429	\$726,374,398	\$537,719,650	\$137,847,428	\$26,688,106	\$1,757,338,037
70.01 - 75.00	\$24,524,870	\$65,168,313	\$288,218,033	\$806,384,624	\$536,650,617	\$124,322,570	\$25,577,320	\$1,870,846,348
75.01 - 80.00	\$13,997,770	\$44,351,636	\$284,748,437	\$609,807,590	\$382,962,946	\$93,261,306	\$24,012,754	\$1,453,142,438
Greater than 80.00	\$1,704,709	\$5,045,196	\$34,750,174	\$61,863,641	\$36,854,375	\$7,018,357	\$3,103,887	\$150,340,340
Total	\$150,733,198	\$370,244,973	\$1,633,372,988	\$4,886,494,785	\$5,225,858,225	\$1,099,186,754	\$268,256,909	\$13,634,147,831



National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report

Calculation Date: 30 Nov 2016

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 1 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.

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