

National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report

Calculation Date: 30 Dec 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 fo 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) 47.05

Weighted Average Remaining Term of Loans in Cover Pool (months) 30.14

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



DANK					
		Standard Poor!		<u>DBRS</u>	Fitch Ratings
Senior Debt		А	Aa3	AA (low)	A+
Short Term		A-1	P-1	R-1 M	F1
Outlook		Stable	e Negative	Negative	Stable
Applicable Ratings of Standby Account Bank & GIC Provider (RBC)				
		<u>Moody</u>	<u>'s</u> <u>DBRS</u>	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, so (i) transfer credit support and (ii) replace itself or obtain a guarantee for its obligations.	ich party is required	to be replaced or in the case	of the Swap 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-		

R-2(high)* & BBB(high)

BBB (low)

F3* or BBB-

BBB-

B. Specified Rating Related Action

Covered Bond Swap Provider (NBC)

Title Holder on Mortgages (NBC)

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)) falls below to	he stipulated rating:	
	Moody's	<u>DBRS</u>	<u>Fitch</u>
(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	or P-1*	BBB(low)	F1* or A
iii. The following actions are required if the rating of the Issuer (NBC)	falls below the	e stipulated rating:	
	Moody's	<u>DBRS</u>	<u>Fitch</u>

P-2* or A3

Baa3



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(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 effective except as otherwise provided in the Covered Bond Swaps

BBB(high) Baa1

BBB+

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

Outstanding Covered Bonds	\$6,596,750,000	
A = Lesser of (i) LTV Adjusted True Balance and	\$12,285,938,531	A(i): \$13,397,970,045
(ii) Asset Percentage Adjusted True Balance		A(ii): \$12,285,938,531
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	\$129,318,752	
Total: A + B + C + D + E - Y- Z	\$12,156,619,779	
-		

PASS Asset Coverage Test

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.



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Trading Value of Covered Bonds		\$6,640,854,295
A = LTV Adjusted Loan Present Value		\$13,199,461,447
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		\$13,199,461,447
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		\$7,200,190,267

\$6,469,496,167 \$13,669,686,434

Covered Bonds Outstanding vs OSFI Limit

Demand Loan

Total

Covered Bonds Currently Outstanding (CAD Equivalent):

Issued under the Legislative Covered Bond Programme \$6,596,750,000

Total \$6,596,750,000

OSFI Maximum (CAD Equivalent): \$9,035,340,280

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.



Cover Pool Summary Statistics	
Previous Month Ending Balance	\$13,634,147,831
Current Balance	\$13,401,251,367
Number of Mortgages in Pool	109,981
Average Mortgage Size	\$121,851
Number of Properties	85,966
Number of Borrowers	82,792
Weighted Average Indexed Authorized LTV	63.73%
Weighted Average Indexed Drawn LTV	56.69%
Weighted Average Original LTV	72.97%
Weighted Average Interest Rate	2.69%
Weighted Average Seasoning	22.22 months
Weighted Average Original Term	52.35 months
Weighted Average Remaining Term	30.14 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	109,871	99.90%	\$13,387,693,173	99.90%
30 to 59 days past due	59	0.05%	\$8,596,355	0.06%
60 to 89 days past due	20	0.02%	\$1,680,517	0.01%
90 or more days past due	31	0.03%	\$3,281,322	0.02%
Total	109,981	100.00%	\$13,401,251,367	100.00%

Cover Pool Provincial Distribution				
<u>Province</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
British Columbia	2,645	2.40%	\$655,575,322	4.89%
Prairies	4,372	3.98%	\$875,884,294	6.54%
Ontario	16,532	15.03%	\$3,305,751,891	24.67%
Quebec	84,327	76.67%	\$8,382,169,289	62.55%
Atlantic	2,105	1.91%	\$181,870,570	1.36%
Other	0	0.00%	\$0	0.00%
Total	109,981	100.00%	\$13,401,251,367	100.00%

Cover Pool Credit Score Distribution				
Credit Score	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Score Unavailable	1,767	1.61%	\$265,576,593	1.98%
599 and below	1,357	1.23%	\$146,508,570	1.09%
600 - 650	2,871	2.61%	\$363,324,960	2.71%
651 - 700	11,888	10.81%	\$1,602,770,829	11.96%
701 - 750	37,052	33.69%	\$4,806,452,333	35.87%
751 - 800	44,789	40.72%	\$5,135,199,629	38.32%
801 and above	10,257	9.33%	\$1,081,418,453	8.07%
Total	109,981	100.00%	\$13,401,251,367	100.00%



750,000 - 799,999

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BANK	Calculation Date:	30 Dec 2016		
Cover Pool Interest Rate Type Distribution				
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
Fixed	86,918	79.03%	\$9,886,951,942	73.78%
Variable	23,063	20.97%	\$3,514,299,424	26.22%
Total	109,981	100.00%	\$13,401,251,367	100.009
Cover Pool Occupancy Type Distribution				
Occupancy Type	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
Owner Occupied	94,963	86.34%	\$10,904,614,913	81.379
Non-Owner Occupied	15,018	13.66%	\$2,496,636,454	18.63%
Total	109,981	100.00%	\$13,401,251,367	100.009
Mortgage Asset Type Distribution				
Asset Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Conventional Mortgage	49,600	45.10%	\$6,814,885,475	50.85%
Mortgage Segment of All-in-One Product	60,381	54.90%	\$6,586,365,892	49.15%
Total	109,981	100.00%	\$13,401,251,367	100.00%
Cover Pool Interest Rate Distribution				
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Less than 2.000	2,191	1.99%	\$416,006,180	3.10%
2.000 - 2.999	86,331	78.50%	\$10,753,503,067	80.24%
3.000 - 3.999	19,170	17.43%	\$2,005,105,795	14.96%
4.000 - 4.999	1,470	1.34%	\$140,728,579	1.05%
5.000 - 5.999	323	0.29%	\$34,390,967	0.269
6.000 - 6.999	496	0.45%	\$51,516,779	0.38%
7.000 - 7.999	0	0.00%	\$0	0.009
8.000 or Greater	0	0.00%	\$0	0.00%
Total	109,981	100.00%	\$13,401,251,367	100.00%
Cover Pool Remaining Balance				_
Remaining Principal Balance (\$)	Number of Loans	Percentage	Principal Balance	Percentage 24 500
99,999 and below	58,912	53.57%	\$2,893,347,098	21.59%
100,000 - 149,999	19,680	17.89%	\$2,432,421,836	18.15%
150,000 - 199,999	12,983	11.80%	\$2,252,716,856	16.819
200,000 - 249,999	7,299	6.64%	\$1,628,631,819	12.15%
250,000 - 299,999	4,281	3.89%	\$1,167,540,419	8.719
300,000 - 349,999	2,415	2.20%	\$780,869,701	5.839
350,000 - 399,999	1,521	1.38%	\$567,876,006	4.249
400,000 - 449,999	892	0.81%	\$378,495,828	2.829
450,000 - 499,999	579	0.53%	\$274,542,155	2.059
500,000 - 549,999	313	0.28%	\$163,664,655	1.229
550,000 - 599,999	273	0.25%	\$156,547,911	1.179
600,000 - 649,999	163	0.15%	\$101,467,263	0.769
650,000 - 699,999	115	0.10%	\$77,547,402	0.58%
700,000 - 749,999	95	0.09%	\$68,886,647	0.519
750,000, 700,000	70	0.070/	¢CO 274 0F4	0.450

78

0.07%

0.45%

\$60,374,854



Cover Pool Remaining Balance				
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
800,000 - 849,999	85	0.08%	\$70,149,174	0.52%
850,000 - 899,999	72	0.07%	\$63,157,927	0.47%
900,000 - 949,999	57	0.05%	\$52,781,080	0.39%
950,000 - 999,999	58	0.05%	\$56,638,108	0.42%
1,000,000 and above	110	0.10%	\$153,594,630	1.15%
Total	109,981	100.00%	\$13,401,251,367	100.00%

Cover Pool Months to Maturity Distribution				
Months to Maturity	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
5 or Less	7,423	6.75%	\$782,447,084	5.84%
6 - 11	10,877	9.89%	\$1,241,486,310	9.26%
12 - 23	25,833	23.49%	\$2,821,278,838	21.05%
24 - 35	25,244	22.95%	\$3,277,307,216	24.46%
36 - 47	26,122	23.75%	\$3,270,510,373	24.40%
48 - 59	13,876	12.62%	\$1,930,074,526	14.40%
60 - 71	428	0.39%	\$51,548,913	0.38%
72 - 83	112	0.10%	\$16,875,979	0.13%
84 or Greater	66	0.06%	\$9,722,127	0.07%
Total	109,981	100.00%	\$13,401,251,367	100.00%

Cover Pool Property Type Distribution				
Property Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Single Family	87,024	79.13%	\$10,269,923,148	76.63%
Condominium	11,994	10.91%	\$1,573,393,429	11.74%
2-4 Family Units	10,963	9.97%	\$1,557,934,790	11.63%
Total	109,981	100.00%	\$13,401,251,367	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	2,177	1.98%	\$93,739,518	0.70%
20.01 - 25.00	1,540	1.40%	\$112,268,447	0.84%
25.01 - 30.00	2,081	1.89%	\$162,725,868	1.21%
30.01 - 35.00	2,802	2.55%	\$286,890,462	2.14%
35.01 - 40.00	3,581	3.26%	\$384,345,051	2.87%
40.01 - 45.00	4,669	4.25%	\$544,294,815	4.06%
45.01 - 50.00	5,783	5.26%	\$745,953,361	5.57%
50.01 - 55.00	7,115	6.47%	\$957,193,303	7.14%
55.01 - 60.00	8,774	7.98%	\$1,158,061,755	8.64%
60.01 - 65.00	12,443	11.31%	\$1,608,945,628	12.01%
65.01 - 70.00	13,041	11.86%	\$1,714,699,524	12.80%
70.01 - 75.00	16,368	14.88%	\$2,061,850,180	15.39%
75.01 - 80.00	23,523	21.39%	\$2,888,599,116	21.55%
Greater than 80.00	6,084	5.53%	\$681,684,339	5.09%
Total	109,981	100.00%	\$13,401,251,367	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	7,680	6.98%	\$395,249,399	2.95%
20.01 - 25.00	3,895	3.54%	\$308,160,874	2.30%
25.01 - 30.00	4,679	4.25%	\$411,249,884	3.07%
30.01 - 35.00	5,377	4.89%	\$549,551,347	4.10%
35.01 - 40.00	6,043	5.49%	\$650,588,394	4.85%
40.01 - 45.00	7,085	6.44%	\$816,907,770	6.10%
45.01 - 50.00	8,111	7.37%	\$997,783,123	7.45%
50.01 - 55.00	9,127	8.30%	\$1,202,411,902	8.97%
55.01 - 60.00	10,297	9.36%	\$1,361,109,641	10.16%
60.01 - 65.00	11,820	10.75%	\$1,598,955,860	11.93%
65.01 - 70.00	12,698	11.55%	\$1,746,623,570	13.03%
70.01 - 75.00	12,875	11.71%	\$1,842,900,644	13.75%
75.01 - 80.00	9,380	8.53%	\$1,386,796,914	10.35%
Greater than 80.00	914	0.83%	\$132,962,046	0.99%
Total	109,981	100.00%	\$13,401,251,367	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	<u>Atlantic</u>	Other	<u>Total</u>
20.00 and below	\$60,675,270	\$10,253,782	\$145,355,856	\$176,149,558	\$2,744,497	\$0	\$395,178,962
20.01 - 25.00	\$46,055,800	\$8,434,578	\$105,818,225	\$145,448,048	\$2,404,223	\$0	\$308,160,874
25.01 - 30.00	\$44,342,064	\$14,933,384	\$151,145,429	\$196,558,703	\$4,198,758	\$0	\$411,178,337
30.01 - 35.00	\$53,623,968	\$17,735,715	\$206,853,078	\$265,215,823	\$5,976,979	\$0	\$549,405,563
35.01 - 40.00	\$55,510,778	\$20,134,342	\$233,474,639	\$332,866,966	\$8,228,256	\$0	\$650,214,982
40.01 - 45.00	\$67,531,459	\$28,221,734	\$276,941,918	\$433,037,549	\$10,626,855	\$0	\$816,359,515
45.01 - 50.00	\$60,063,015	\$38,695,419	\$338,375,388	\$546,467,098	\$13,104,968	\$0	\$996,705,888



50.01 - 55.00	\$67,368,596	\$57,826,649	\$409,579,302	\$636,348,835	\$29,975,917	\$0	\$1,201,099,299
55.01 - 60.00	\$62,159,271	\$74,910,185	\$388,889,443	\$791,485,909	\$41,546,465	\$0	\$1,358,991,272
60.01 - 65.00	\$64,305,229	\$121,145,132	\$373,947,107	\$996,166,299	\$41,642,787	\$0	\$1,597,206,553
65.01 - 70.00	\$40,778,875	\$142,015,103	\$330,991,062	\$1,217,244,316	\$12,932,801	\$0	\$1,743,962,158
70.01 - 75.00	\$24,123,982	\$145,936,996	\$227,846,120	\$1,437,927,889	\$5,184,925	\$0	\$1,841,019,912
75.01 - 80.00	\$8,868,216	\$154,025,434	\$114,760,187	\$1,104,942,559	\$2,651,415	\$0	\$1,385,247,811
Greater than 80.00	\$0	\$40,703,895	\$64,387	\$92,149,100	\$44,665	\$0	\$132,962,046
Total	\$655,406,522	\$874,972,348	\$3,304,042,141	\$8,372,008,652	\$181,263,510	\$0	\$13,387,693,173

30 to 59 days past due

Indexed LTV (%) 20.00 and below	ritish Columbia \$0	<u>Prairies</u> \$0	Ontario \$0	Quebec \$0	Atlantic \$0	Other \$0	<u>Total</u> \$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	\$270,621	\$0	\$0	\$270,621
40.01 - 45.00	\$0	\$0	\$0	\$300,016	\$60,193	\$0	\$360,208
45.01 - 50.00	\$0	\$0	\$185,822	\$156,255	\$0	\$0	\$342,077
50.01 - 55.00	\$0	\$0	\$0	\$797,614	\$214,476	\$0	\$1,012,090
55.01 - 60.00	\$0	\$204,911	\$277,110	\$1,170,035	\$90,258	\$0	\$1,742,314
60.01 - 65.00	\$0	\$0	\$365,309	\$245,451	\$0	\$0	\$610,760
65.01 - 70.00	\$0	\$114,604	\$228,774	\$1,721,007	\$0	\$0	\$2,064,386
70.01 - 75.00	\$0	\$0	\$110,632	\$888,415	\$0	\$0	\$999,047
75.01 - 80.00	\$0	\$0	\$0	\$1,194,852	\$0	\$0	\$1,194,852
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$319,515	\$1,167,647	\$6,744,266	\$364,926	\$0	\$8,596,355

60 to 89 days past due

Indexed LTV (%)	itish Columbia	Prairies	Ontario	Quebec	Atlantic	<u>Other</u>	<u>Total</u>
20.00 and below	\$0	\$0	\$0	\$25,219	\$0	\$0	\$25,219
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	\$102,791	\$0	\$0	\$102,791
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45.01 - 50.00	\$0	\$0	\$139,375	\$0	\$0	\$0	\$139,375
50.01 - 55.00	\$0	\$0	\$0	\$111,142	\$0	\$0	\$111,142
55.01 - 60.00	\$0	\$0	\$0	\$139,386	\$0	\$0	\$139,386
60.01 - 65.00	\$168,800	\$132,857	\$0	\$247,286	\$0	\$0	\$548,944
65.01 - 70.00	\$0	\$0	\$0	\$119,047	\$0	\$0	\$119,047
70.01 - 75.00	\$0	\$0	\$0	\$206,940	\$0	\$0	\$206,940
75.01 - 80.00	\$0	\$0	\$74,236	\$213,436	\$0	\$0	\$287,672
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$168,800	\$132,857	\$213,611	\$1,165,249	\$0	\$0	\$1,680,517



90 or more days past due

Indexed LTV (%) 20.00 and below	ritish Columbia \$0	<u>Prairies</u> \$0	Ontario \$0	Quebec \$45,217	Atlantic \$0	Other \$0	<u>Total</u> \$45,217
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	\$145,783	\$0	\$0	\$145,783
35.01 - 40.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40.01 - 45.00	\$0	\$0	\$0	\$188,047	\$0	\$0	\$188,047
45.01 - 50.00	\$0	\$131,140	\$328,492	\$96,621	\$39,529	\$0	\$595,783
50.01 - 55.00	\$0	\$0	\$0	\$143,054	\$46,318	\$0	\$189,372
55.01 - 60.00	\$0	\$0	\$0	\$236,669	\$0	\$0	\$236,669
60.01 - 65.00	\$0	\$0	\$0	\$433,316	\$156,287	\$0	\$589,603
65.01 - 70.00	\$0	\$328,433	\$0	\$149,546	\$0	\$0	\$477,979
70.01 - 75.00	\$0	\$0	\$0	\$674,745	\$0	\$0	\$674,745
75.01 - 80.00	\$0	\$0	\$0	\$66,578	\$0	\$0	\$66,578
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$459,573	\$328,492	\$2,251,123	\$242,134	\$0	\$3,281,322

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	\$1,084,452	\$4,115,792	\$15,271,344	\$59,897,063	\$235,851,536	\$71,856,856	\$7,172,356	\$395,249,399
20.01 - 25.00	\$1,118,253	\$2,814,300	\$16,606,188	\$56,759,397	\$190,015,155	\$34,050,899	\$6,796,681	\$308,160,874
25.01 - 30.00	\$1,081,768	\$5,036,160	\$25,918,323	\$98,602,459	\$237,093,122	\$36,437,112	\$7,080,940	\$411,249,884
30.01 - 35.00	\$4,720,653	\$13,313,539	\$36,229,700	\$148,349,994	\$282,703,614	\$48,415,159	\$15,818,688	\$549,551,347
35.01 - 40.00	\$3,678,723	\$11,894,817	\$48,160,935	\$181,495,109	\$332,967,451	\$56,011,446	\$16,379,913	\$650,588,394
40.01 - 45.00	\$5,937,124	\$17,466,793	\$66,375,498	\$259,799,160	\$376,411,799	\$70,388,607	\$20,528,788	\$816,907,770
45.01 - 50.00	\$7,993,847	\$24,549,869	\$103,130,189	\$321,209,040	\$436,415,138	\$83,225,741	\$21,259,299	\$997,783,123
50.01 - 55.00	\$12,598,472	\$30,871,986	\$119,628,909	\$429,721,078	\$487,602,164	\$93,802,567	\$28,186,726	\$1,202,411,902
55.01 - 60.00	\$17,575,289	\$37,882,296	\$150,574,935	\$489,539,942	\$528,466,674	\$107,207,737	\$29,862,768	\$1,361,109,641
60.01 - 65.00	\$23,274,442	\$50,292,956	\$188,520,947	\$606,873,826	\$570,270,741	\$126,548,320	\$33,174,628	\$1,598,955,860
65.01 - 70.00	\$29,582,401	\$53,946,428	\$241,062,287	\$726,759,584	\$531,549,857	\$136,588,431	\$27,134,582	\$1,746,623,570
70.01 - 75.00	\$23,533,015	\$62,729,033	\$287,340,221	\$788,766,536	\$531,155,140	\$123,556,182	\$25,820,516	\$1,842,900,644
75.01 - 80.00	\$13,436,303	\$43,436,020	\$273,888,818	\$581,692,985	\$364,328,158	\$87,165,680	\$22,848,950	\$1,386,796,914
Greater than 80.00	\$893,826	\$4,974,970	\$30,062,535	\$56,986,162	\$30,369,079	\$6,163,716	\$3,511,758	\$132,962,046
Total	\$146,508,570	\$363,324,960	\$1,602,770,829	\$4,806,452,333	\$5,135,199,629	\$1,081,418,453	\$265,576,593	\$13,401,251,367



National Bank of Canada Legislative Covered Bond Programme Monthly Investor Report

Calculation Date: 30 Dec 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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