

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

Calculation Date: 31 Mar 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 Information								
<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
			\$5,329,400,000					
Weighted Averag	e Maturity of Outstandir	ng Covered Bonds (r	nonths)	48.75				
Weighted Averag	e Remaining Term of Lo	oans in Cover Pool (	months)	26.56				
Series Ratings				Moody's	DBRS	Fitch Ratings		
CBL1				Aaa	AAA	AAA		
CBL2				Aaa	AAA	AAA		
CBL3				Aaa	AAA	AAA		
CBL4				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	Α	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)

	<u>Moody'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, such party is required to be replaced or in the case of the Swap Providers
(i) transfer credit support and
(ii) replace itself or obtain a guarantee for its obligations.

Role (Current Party)	Moody's	<u>DBRS</u>	<u>Fitch</u>
Account Bank & GIC Provider (NBC)	P-1*	R-1(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) falls below the stipulated rating:

	Moody's	<u>DBRS</u>	<u>Fitch</u>
(a) Servicer is required to transfer amounts belonging to the Guarantor to the Cash Manager or the GIC Account, as applicable, within 2 business days	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	<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*	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) 12 months: A(low)	F1+*



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iv.	The fol	llowing act	ions are	required	if the rating	of the I	lssuer (N	BC)	falls	s be	low t	he stip	oulated	d ratii	ng:
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Moody's **DBRS** Fitch

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

effective except as otherwise provided in the Covered Bond Swaps Agreements

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.

Baa1

**DBRS** Moody's Fitch P-1\* or A2 R-1(mid)\* & A(high) F1\* or A

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

\*Short Term rating

(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.

## **Events of Default**

Issuer Event of Default No Guarantor Event of Default No

## Asset Coverage Test

**Outstanding Covered Bonds** 

Total: A + B + C + D + E - Y- Z

A = Lesser of (i) LTV Adjusted True Balance and	\$8,777,029,633	A(i): \$9,571,460,886
(ii) Asset Percentage Adjusted True Balance		A(ii): \$8,777,029,633
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	\$108,259,535	

\$5,329,400,000

\$8,668,770,097

### **Asset Coverage Test PASS**

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



## Valuation Calculation

Trading Value of Covered Bonds		\$5,589,712,083
A = LTV Adjusted Loan Present Value		\$9,478,535,956
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		\$9,478,535,956
Weighted average market rate used for discounting:		3.34%
Amortization Test		
7.11.2.11.2.11.2.11.2.11.2.11.2.11.2.11		
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		\$5,817,801,685
Demand Loan		\$3,974,849,309
Total		\$9,792,650,994
Covered Bonds Outstanding vs OSFI Limit		

Covered Bonds Currently Outstanding (CAD Equivalent):

Issued under the Structured Covered Bond Programme \$2,019,080,000 Issued under the Legislative Covered Bond Programme \$5,329,400,000 \$7,348,480,000 Total

OSFI Maximum (CAD Equivalent): \$8,521,846,640

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	\$9,771,673,515
Current Balance	\$9,572,816,081
Number of Mortgages in Pool	83,768
Average Mortgage Size	\$114,278
Number of Properties	65,210
Number of Borrowers	63,869
Weighted Average Indexed Authorized LTV	65.15%
Weighted Average Indexed Drawn LTV	57.97%
Weighted Average Original LTV	73.55%
Weighted Average Interest Rate	2.83%
Weighted Average Seasoning	24.70 month
Weighted Average Original Term	51.27 month
Weighted Average Remaining Term	26.56 month

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	83,611	99.81%	\$9,554,121,565	99.80%				
30 to 59 days past due	119	0.14%	\$14,682,688	0.15%				
60 to 89 days past due	22	0.03%	\$2,656,633	0.03%				
90 or more days past due	16	0.02%	\$1,355,195	0.01%				
Total	83,768	100.00%	\$9,572,816,081	100.00%				

<b>Cover Pool Provincial Distribution</b>				
<u>Province</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
British Columbia	1,772	2.12%	\$369,221,101	3.86%
Praries	3,180	3.80%	\$632,377,472	6.61%
Ontario	12,291	14.67%	\$2,249,893,266	23.50%
Quebec	64,847	77.41%	\$6,174,450,992	64.50%
Atlantic	1,678	2.00%	\$146,873,250	1.53%
Other	0	0.00%	\$0	0.00%
Total	83,768	100.00%	\$9,572,816,081	100.00%

Cover Pool Credit Score Distribution				
Credit Score	<b>Number of Loans</b>	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Score Unavailable	1,355	1.62%	\$183,582,793	1.92%
599 and below	1,398	1.67%	\$163,128,295	1.70%
600 - 650	2,885	3.44%	\$347,681,416	3.63%
651 - 700	9,727	11.61%	\$1,213,041,517	12.67%
701 - 750	28,212	33.68%	\$3,416,827,815	35.69%
751 - 800	32,936	39.32%	\$3,540,228,499	36.98%
801 and above	7,255	8.66%	\$708,325,747	7.40%
Total	83,768	100.00%	\$9,572,816,081	100.00%



750,000 - 799,999

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BANK	Calculation Date:	31 Mar 2016		
Cover Pool Interest Rate Type Distribution		_	_	
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
Fixed	68,703	82.02%	\$7,539,620,188	78.76%
Variable	15,065	17.98%	\$2,033,195,893	21.24%
Total	83,768	100.00%	\$9,572,816,081	100.00%
Cover Pool Occupancy Type Distribution				
Occupancy Type	Number of Loans	<u>Percentage</u>	<b>Principal Balance</b>	Percentage
Owner Occupied	74,080	88.43%	\$8,007,180,298	83.64%
Non-Owner Occupied	9,688	11.57%	\$1,565,635,784	16.36%
Total	83,768	100.00%	\$9,572,816,081	100.00%
Mortgage Asset Type Distribution				
<u>Asset Type</u>	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Conventional Mortgage	38,222	45.63%	\$4,845,035,972	50.61%
Mortgage Segment of All-in-One Product	45,546	54.37%	\$4,727,780,109	49.39%
Total	83,768	100.00%	\$9,572,816,081	100.00%
Cover Pool Interest Rate Distribution				
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Less than 2.000	3,269	3.90%	\$520,500,923	5.44%
2.000 - 2.999	54,443	64.99%	\$6,405,583,130	66.91%
3.000 - 3.999	22,328	26.65%	\$2,339,151,305	24.449
4.000 - 4.999	2,700	3.22%	\$206,274,064	2.15%
5.000 - 5.999	551	0.66%	\$53,950,950	0.569
6.000 - 6.999	477	0.57%	\$47,355,709	0.49%
7.000 - 7.999	0	0.00%	\$0	0.009
8.000 or Greater	0	0.00%	\$0	0.00%
Total	83,768	100.00%	\$9,572,816,081	100.00%
Cover Pool Remaining Balance				
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
99,999 and below	46,790	55.86%	\$2,277,656,388	23.79%
100,000 - 149,999	15,018	17.93%	\$1,856,120,720	19.39%
150,000 - 199,999	9,386	11.20%	\$1,623,936,737	16.96%
200,000 - 249,999	5,314	6.34%	\$1,184,676,214	12.38%
250,000 - 299,999	3,002	3.58%	\$818,689,173	8.55%
300,000 - 349,999	1,589	1.90%	\$512,695,335	5.36%
350,000 - 399,999	946	1.13%	\$352,463,930	3.68%
400,000 - 449,999	555	0.66%	\$235,094,699	2.469
450,000 - 499,999	401	0.48%	\$189,984,099	1.98%
500,000 - 549,999	204	0.24%	\$106,681,936	1.119
550,000 - 599,999	158	0.19%	\$90,662,242	0.95%
600,000 - 649,999	99	0.12%	\$61,667,103	0.64%
650,000 - 699,999	67	0.08%	\$45,310,830	0.47%
700,000 - 749,999	52	0.06%	\$37,610,856	0.39%

43

0.05%

0.35%

\$33,288,759



Cover Pool Remaining Balance				
Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
800,000 - 849,999	42	0.05%	\$34,786,558	0.36%
850,000 - 899,999	19	0.02%	\$16,620,681	0.17%
900,000 - 949,999	28	0.03%	\$25,906,503	0.27%
950,000 - 999,999	14	0.02%	\$13,577,174	0.14%
1,000,000 and above	41	0.05%	\$55,386,144	0.58%
Total	83,768	100.00%	\$9,572,816,081	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	11,417	13.63%	\$1,232,323,872	12.87%
6 - 11	8,851	10.57%	\$998,644,359	10.43%
12 - 23	16,231	19.38%	\$1,797,522,378	18.78%
24 - 35	22,483	26.84%	\$2,414,844,685	25.23%
36 - 47	15,781	18.84%	\$2,063,225,961	21.55%
48 - 59	8,408	10.04%	\$996,488,422	10.41%
60 - 71	411	0.49%	\$43,754,396	0.46%
72 - 83	58	0.07%	\$7,180,088	0.08%
84 or Greater	128	0.15%	\$18,831,919	0.20%
Total	83,768	100.00%	\$9,572,816,081	100.00%

Cover Pool Property Type Distribution				
Property Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Single Family	68,064	81.25%	\$7,543,229,995	78.80%
Condominium	8,650	10.33%	\$1,088,574,978	11.37%
2-4 Family Units	7,054	8.42%	\$941,011,108	9.83%
Total	83,768	100.00%	\$9,572,816,081	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	1,518	1.81%	\$51,607,612	0.54%
20.01 - 25.00	969	1.16%	\$51,092,949	0.53%
25.01 - 30.00	1,424	1.70%	\$91,728,281	0.96%
30.01 - 35.00	1,896	2.26%	\$145,536,697	1.52%
35.01 - 40.00	2,531	3.02%	\$216,047,364	2.26%
40.01 - 45.00	3,205	3.83%	\$298,781,898	3.12%
45.01 - 50.00	3,978	4.75%	\$421,880,112	4.41%
50.01 - 55.00	4,959	5.92%	\$587,428,004	6.14%
55.01 - 60.00	6,715	8.02%	\$812,325,435	8.49%
60.01 - 65.00	9,517	11.36%	\$1,160,533,688	12.12%
65.01 - 70.00	11,291	13.48%	\$1,442,785,946	15.07%
70.01 - 75.00	14,773	17.64%	\$1,816,742,272	18.98%
75.01 - 80.00	17,009	20.30%	\$2,020,663,119	21.11%
Greater than 80.00	3,983	4.75%	\$455,662,705	4.76%
Total	83,768	100.00%	\$9,572,816,081	100.00%

Cover Pool Indexed LTV - Drawn Distribution	on			
Indexed LTV (%)	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
20.00 and below	5,731	6.84%	\$250,303,097	2.61%
20.01 - 25.00	2,669	3.19%	\$183,483,414	1.92%
25.01 - 30.00	3,318	3.96%	\$251,904,132	2.63%
30.01 - 35.00	3,937	4.70%	\$350,515,435	3.66%
35.01 - 40.00	4,565	5.45%	\$422,382,921	4.41%
40.01 - 45.00	5,195	6.20%	\$530,001,575	5.54%
45.01 - 50.00	5,907	7.05%	\$642,970,935	6.72%
50.01 - 55.00	6,480	7.74%	\$771,921,889	8.06%
55.01 - 60.00	7,827	9.34%	\$971,209,109	10.15%
60.01 - 65.00	9,254	11.05%	\$1,186,406,384	12.39%
65.01 - 70.00	10,628	12.69%	\$1,449,233,443	15.14%
70.01 - 75.00	10,920	13.04%	\$1,498,608,178	15.65%
75.01 - 80.00	6,669	7.96%	\$957,890,440	10.01%
Greater than 80.00	668	0.80%	\$105,985,128	1.11%
Total	83,768	100.00%	\$9,572,816,081	100.00%

Provincial Distribution by Indexed LTV - Drawn and Aging Summary

Current and less than 30 days past due

Indexed LTV (%)	British Columbia	<u>Praries</u>	<u>Ontario</u>	Quebec	<u>Atlantic</u>	Other	<u>Total</u>
20.00 and below	\$26,116,322	\$7,646,945	\$84,096,452	\$130,978,136	\$1,351,034	\$0	\$250,188,889
20.01 - 25.00	\$17,109,262	\$8,091,089	\$58,602,575	\$98,340,720	\$1,306,702	\$0	\$183,450,347
25.01 - 30.00	\$25,148,394	\$8,940,777	\$72,980,813	\$142,596,012	\$2,205,799	\$0	\$251,871,794
30.01 - 35.00	\$26,209,118	\$13,673,991	\$110,430,787	\$197,046,907	\$3,054,199	\$0	\$350,415,003
35.01 - 40.00	\$24,588,866	\$13,725,749	\$126,607,047	\$251,890,633	\$5,183,990	\$0	\$421,996,285
40.01 - 45.00	\$30,646,744	\$15,982,543	\$156,359,243	\$319,111,105	\$7,013,031	\$0	\$529,112,667
45.01 - 50.00	\$30,481,580	\$24,742,706	\$186,216,227	\$392,640,575	\$8,572,240	\$0	\$642,653,328



50.01 - 55.00	\$38,041,505	\$34,648,916	\$220,148,664	\$467,443,723	\$9,697,140	\$0	\$769,979,948
55.01 - 60.00	\$36,842,226	\$52,420,126	\$271,776,517	\$590,823,495	\$17,614,297	\$0	\$969,476,662
60.01 - 65.00	\$29,040,607	\$85,502,405	\$288,126,913	\$749,142,967	\$32,066,573	\$0	\$1,183,879,465
65.01 - 70.00	\$35,759,651	\$134,285,805	\$314,420,115	\$927,935,088	\$33,864,038	\$0	\$1,446,264,698
70.01 - 75.00	\$34,413,431	\$108,747,281	\$241,224,481	\$1,087,049,991	\$23,352,923	\$0	\$1,494,788,107
75.01 - 80.00	\$13,178,670	\$93,553,516	\$113,385,879	\$733,343,036	\$1,034,077	\$0	\$954,495,178
Greater than 80.00	\$1,064,858	\$29,323,636	\$3,616,164	\$71,544,536	\$0	\$0	\$105,549,195
Total –	\$368,641,233	\$631,285,485	\$2,247,991,878	\$6,159,886,925	\$146,316,043	\$0	\$9,554,121,565

## 30 to 59 days past due

Indexed LTV (%)	British Columbia	<u>Praries</u>	Ontario	Quebec	Atlantic	Other	<u>Total</u>
20.00 and below	\$0	\$0	\$17,510	\$96,698	\$0	\$0	\$114,208
20.01 - 25.00	\$0	\$0	\$0	\$33,067	\$0	\$0	\$33,067
25.01 - 30.00	\$0	\$0	\$0	\$26,416	\$0	\$0	\$26,416
30.01 - 35.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35.01 - 40.00	\$0	\$0	\$0	\$386,636	\$0	\$0	\$386,636
40.01 - 45.00	\$146,660	\$0	\$0	\$742,248	\$0	\$0	\$888,908
45.01 - 50.00	\$0	\$0	\$0	\$122,120	\$0	\$0	\$122,120
50.01 - 55.00	\$0	\$602,646	\$382,430	\$415,160	\$0	\$0	\$1,400,236
55.01 - 60.00	\$0	\$0	\$188,780	\$1,303,909	\$71,521	\$0	\$1,564,210
60.01 - 65.00	\$0	\$148,113	\$514,043	\$1,067,870	\$0	\$0	\$1,730,026
65.01 - 70.00	\$0	\$0	\$204,830	\$1,785,220	\$233,173	\$0	\$2,223,223
70.01 - 75.00	\$0	\$163,935	\$251,526	\$2,529,442	\$0	\$0	\$2,944,903
75.01 - 80.00	\$171,675	\$0	\$0	\$2,641,127	\$0	\$0	\$2,812,801
Greater than 80.00	\$0	\$177,293	\$0	\$258,640	\$0	\$0	\$435,933
Total	\$318,335	\$1,091,987	\$1,559,119	\$11,408,552	\$304,694	\$0	\$14,682,688

### 60 to 89 days past due

Indexed LTV (%)	British Columbia	<u>Praries</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	\$5,923	\$0	\$0	\$0	\$5,923
30.01 - 35.00	\$0	\$0	\$0	\$100,433	\$0	\$0	\$100,433
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	\$48,407	\$0	\$0	\$48,407
50.01 - 55.00	\$0	\$0	\$0	\$413,306	\$0	\$0	\$413,306
55.01 - 60.00	\$0	\$0	\$0	\$116,001	\$0	\$0	\$116,001
60.01 - 65.00	\$261,532	\$0	\$0	\$324,192	\$0	\$0	\$585,724
65.01 - 70.00	\$0	\$0	\$160,442	\$0	\$144,395	\$0	\$304,836
70.01 - 75.00	\$0	\$0	\$0	\$668,733	\$108,118	\$0	\$776,851
75.01 - 80.00	\$0	\$0	\$175,904	\$129,249	\$0	\$0	\$305,153
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$261,532	\$0	\$342,269	\$1,800,320	\$252,512	\$0	\$2,656,633



### 90 or more days past due

Indexed LTV (%)	British Columbia	<u>Praries</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	\$0	\$0	\$0	\$0
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45.01 - 50.00	\$0	\$0	\$0	\$147,080	\$0	\$0	\$147,080
50.01 - 55.00	\$0	\$0	\$0	\$128,399	\$0	\$0	\$128,399
55.01 - 60.00	\$0	\$0	\$0	\$52,236	\$0	\$0	\$52,236
60.01 - 65.00	\$0	\$0	\$0	\$211,170	\$0	\$0	\$211,170
65.01 - 70.00	\$0	\$0	\$0	\$440,686	\$0	\$0	\$440,686
70.01 - 75.00	\$0	\$0	\$0	\$98,317	\$0	\$0	\$98,317
75.01 - 80.00	\$0	\$0	\$0	\$277,307	\$0	\$0	\$277,307
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$1,355,195	\$0	\$0	\$1,355,195

Cover Pool Indexed LTV - Drawn by Credit Bureau Score

## Indexed LTV (%)

20.00 and below	599 and below \$905,748	<u>600 - 650</u> \$1,558,779	<b>651 - 700</b> \$8,417,695	<u><b>701 - 750</b></u> \$35,111,351	<u><b>751 - 800</b></u> \$153,719,015	801 and above \$46,244,165	Score Unavailable \$4,346,345	<u>Total</u> \$250,303,097
20.01 - 25.00	\$470,884	\$3,056,693	\$7,040,681	\$36,998,513	\$109,218,384	\$21,939,559	\$4,758,701	\$183,483,414
25.01 - 30.00	\$1,601,604	\$5,020,639	\$10,842,492	\$51,901,135	\$148,631,715	\$29,547,592	\$4,358,955	\$251,904,132
30.01 - 35.00	\$2,482,484	\$8,226,561	\$27,160,076	\$79,431,462	\$193,864,817	\$30,439,001	\$8,911,034	\$350,515,435
35.01 - 40.00	\$6,433,446	\$9,497,006	\$28,196,055	\$108,422,576	\$224,411,931	\$33,447,471	\$11,974,437	\$422,382,921
40.01 - 45.00	\$6,944,466	\$14,471,578	\$41,403,510	\$155,227,306	\$255,148,039	\$40,427,937	\$16,378,739	\$530,001,575
45.01 - 50.00	\$6,108,897	\$17,904,955	\$64,409,837	\$212,415,029	\$278,933,889	\$48,295,159	\$14,903,169	\$642,970,935
50.01 - 55.00	\$11,889,867	\$23,760,895	\$84,157,022	\$265,981,638	\$310,781,746	\$53,650,134	\$21,700,587	\$771,921,889
55.01 - 60.00	\$15,676,651	\$32,278,699	\$113,098,151	\$360,843,788	\$364,773,008	\$66,213,302	\$18,325,510	\$971,209,109
60.01 - 65.00	\$23,223,161	\$48,813,414	\$159,602,500	\$451,138,375	\$392,478,876	\$89,234,892	\$21,915,166	\$1,186,406,384
65.01 - 70.00	\$30,357,064	\$61,183,330	\$213,725,010	\$604,841,638	\$419,267,511	\$99,374,471	\$20,484,419	\$1,449,233,443
70.01 - 75.00	\$42,903,794	\$68,676,443	\$239,748,437	\$628,487,978	\$411,742,498	\$86,457,366	\$20,591,663	\$1,498,608,178
75.01 - 80.00	\$13,010,783	\$47,392,768	\$188,911,857	\$384,350,973	\$253,460,527	\$57,692,804	\$13,070,727	\$957,890,440
Greater than 80.00	\$1,119,446	\$5,839,654	\$26,328,196	\$41,676,053	\$23,796,543	\$5,361,894	\$1,863,342	\$105,985,128
Total	\$163,128,295	\$347,681,416	\$1,213,041,517	\$3,416,827,815	\$3,540,228,499	\$708,325,747	\$183,582,793	\$9,572,816,081



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

Calculation Date: 31 Mar 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.

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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