

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	<u>Rate Type</u>	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 +0.370%	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
CBL6	€750,000,000	1.4618	\$1,096,350,000	29 Sep 2023	29 Sep 2024	0.000%	Fixed	Soft
			\$6,711,550,000					

45.24 28.91

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

Series Ratings	<u>Moody's</u>	DBRS	Fitch Ratings
CBL1	Aaa	AAA	AAA
CBL2	Aaa	AAA	AAA
CBL3	Aaa	AAA	AAA
CBL4	Aaa	AAA	AAA
CBL5	Aaa	AAA	AAA
CBL5 (Tranche 2)	Aaa	AAA	AAA
CBL6	Aaa	AAA	AAA

#### Supplementary Information

Parties	
Issuer	National Bank of Canada (NBC)
Guarantor Family	NBC Covered Bond (Legislative) Guarantor 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	DBRS	Fitch Ratings
Senior Debt	А	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) Senior Debt Short Term	<u>Moody's</u> Aa3 P-1	DBRS AA R-1 H	<u>Fitch Ratings</u> AA 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.

<ul> <li>(ii) replace itself or obtain a guarantee for its obligations. <u>Role (Current Party)</u></li> </ul>	Moody's	DBRS	Fitch
Account Bank & GIC Provider (NBC) Standby Account Bank & GIC Provider (RBC) Cash Manager (NBC) Servicer (NBC) Interest Rate Swap Provider (NBC) Covered Bond Swap Provider (NBC) Title Holder on Mortgages (NBC)	P-1* P-1* P-2* Baa3 P-2* or A3 P-2* or A3 Baa3	R-1(mid) & A(low) R-1(mid) & A(low) BBB (low)) BBB (low) R-2(high)* & BBB(high) R-2(high)* & BBB(high) BBB (low)	F1* or A F1* or A F2* F3* or BBB- F3* or BBB- BBB-
<b>B. Specified Rating Related Action</b> i. The following actions are required if the rating of the Cash Manager (NBC) falls below the stipulated rating:	Moody's	DBRS	Fitch
<ul> <li>(a) Amounts received by the Servicer are to be deposited directly to the GIC Account and not provided to the Cash Manager</li> <li>(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</li> </ul>	P-1* P-1*	BBB(low) BBB(low)	F1* or A F1* or A
ii. The following actions are required if the rating of the Servicer (NBC) falls below the stipulated rating:	Moody's	DBRS	<u>Fitch</u>
<ul> <li>(a) Servicer is required to transfer amounts belonging to the Guaranto to the Cash Manager or the GIC Account, as applicable, within 2 business days</li> </ul>	r P-1*	BBB(low)	F1* or A
iii. The following actions are required if the rating of the Issuer (NBC) falls below the stipulated rating:	Moody's	DBRS	Fitch
<ul> <li>(a) Repayment of the Demand Loan</li> <li>(b) Establishment of the Reserve Fund</li> <li>(c) Fund Pre-Maturity Liquidity Required Amount on Hard Bullet Covered Bonds</li> </ul>	N/A P-1* P-1*	N/A R-1(mid)* & A(low) 6 months: A(high) 12 months: A(low)	F2* or BBB+ F1* or A F1+*
iv. The following actions are required if the rating of the Issuer (NBC) falls below the stipulated rating:	Moody's	DBRS	<u>Fitch</u>
(a) The Interest Rate Swap and the Covered Bond Swap will become effective except as otherwise provided in the Covered Bond Swaps Agreements	Baa1	BBB(high)	BBB+
v. Each Swap Provider is required to transfer credit support, replace itself or obtain a guarantee of its obligations if the rating of such Swap Provider falls below the specified rating.			
	Moody's	DBRS	Fitch
(a) Interest Rate Swap Provider (b) Covered Bond Swap Provider	P-1* or A2 P-1* or A2 (1)	R-1(mid)* & A(high) R-1(mid)* & A(high)	F1* or A 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
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Guarantor Event of Default	No



# Asset Coverage Test

Outstanding Covered Bonds	\$6,711,550,000	
A = Lesser of (i) LTV Adjusted True Balance and	\$11,961,841,014	A(i): \$13,044,537,637
(ii) Asset Percentage Adjusted True Balance		A(ii): \$11,961,841,014
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	\$126,526,157	
Total: A + B + C + D + E - Y- Z	\$11,835,314,856	
Asset Coverage Test	PASS	

# Asset Coverage Test

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

#### Valuation Calculation

Trading Value of Covered Bonds	\$6,720,800,490	
A = LTV Adjusted Loan Present Value	\$12,862,643,977	
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	\$12,862,643,977	
Weighted average market rate used for discounting:	3.32%	
Amortization Test		
Event of Default on the part of the registered issuer?	No	
Do any Covered Bonds remain outstanding?	Yes	
Amortization Test Required?	No	
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Amortization Test	N/A	
Intercompany Loan Balance		
Guarantee Loan	\$7,325,523,740	
Demand Loan	\$5,909,870,771	
Total	\$13,235,394,511	
Covered Bonds Outstanding vs OSFI Limit		
Covered Bonds Currently Outstanding (CAD Equivalent):		
Issued under the Legislative Covered Bond Programme	\$6,711,550,000	
Total	\$6,711,550,000	
	¥0,111,000,000	

OSFI Maximum (CAD Equivalent):

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.

\$9,134,378,200



Cover Pool Summary Statistics	
Previous Month Ending Balance	\$13,201,966,358
Current Balance	\$13,047,220,079
Number of Mortgages in Pool	107,947
Average Mortgage Size	\$120,867
Number of Properties	84,475
Number of Borrowers	81,382
Weighted Average Indexed Authorized LTV	63.28%
Weighted Average Indexed Drawn LTV	56.24%
Weighted Average Original LTV	72.96%
Weighted Average Interest Rate	2.68%
Weighted Average Seasoning	23.59 months
Weighted Average Original Term	52.50 months
Weighted Average Remaining Term	28.91 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	107,828	99.89%	\$13,031,924,941	99.88%
30 to 59 days past due	69	0.06%	\$10,044,267	0.08%
60 to 89 days past due	25	0.02%	\$2,568,430	0.02%
90 or more days past due	25	0.02%	\$2,682,442	0.02%
Total	107,947	100.00%	\$13,047,220,079	100.00%

#### **Cover Pool Provincial Distribution**

<u>Province</u>	Number of Loans	Percentage	Principal Balance	<u>Percentage</u>
British Columbia	2,571	2.38%	\$633,111,763	4.85%
Prairies	4,287	3.97%	\$852,466,112	6.53%
Ontario	16,126	14.94%	\$3,206,609,081	24.58%
Quebec	82,886	76.78%	\$8,177,189,147	62.67%
Atlantic	2,077	1.92%	\$177,843,976	1.36%
Other	0	0.00%	\$0	0.00%
Total	107,947	100.00%	\$13,047,220,079	100.00%

# Cover Pool Credit Score Distribution

Credit Score	Number of Loans	Percentage	Principal Balance	Percentage
Score Unavailable	1,770	1.64%	\$259,146,194	1.99%
599 and below	1,338	1.24%	\$150,973,566	1.16%
600 - 650	2,920	2.71%	\$360,971,728	2.77%
651 - 700	11,259	10.43%	\$1,489,952,858	11.42%
701 - 750	36,069	33.41%	\$4,621,518,528	35.42%
751 - 800	44,226	40.97%	\$5,088,611,195	39.00%
801 and above	10,365	9.60%	\$1,076,046,010	8.25%
Total	107,947	100.00%	\$13,047,220,079	100.00%

## Cover Pool Interest Rate Type Distribution

Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
Fixed	85,254	78.98%	\$9,617,180,553	73.71%
Variable	22,693	21.02%	\$3,430,039,526	26.29%
Total	107,947	100.00%	\$13,047,220,079	100.00%



Cover Pool Occupancy Type Distribution				
Occupancy Type	Number of Loans	Percentage	Principal Balance	<u>Percentage</u>
Owner Occupied	93,184	86.32%	\$10,608,190,900	81.31%
Non-Owner Occupied	14,763	13.68%	\$2,439,029,179	18.69%
Total	107,947	100.00%	\$13,047,220,079	100.00%
Mortgage Asset Type Distribution				
Asset Type	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
Conventional Mortgage	48,561	44.99%	\$6,631,314,178	50.83%
Mortgage Segment of All-in-One Product	59,386	55.01%	\$6,415,905,901	49.17%
Total	107,947	100.00%	\$13,047,220,079	100.00%
Cover Pool Interest Rate Distribution				
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
Less than 2.000	1,987	1.84%	\$378,086,134	2.90%
2.000 - 2.999	85,828	79.51%	\$10,584,168,442	81.12%
3.000 - 3.999	18,039	16.71%	\$1,878,016,702	14.39%
4.000 - 4.999	1,371	1.27%	\$134,572,320	1.03%
5.000 - 5.999	303	0.28%	\$32,830,535	0.25%
6.000 - 6.999	419	0.39%	\$39,545,946	0.30%
7.000 - 7.999	0	0.00%	\$0	0.00%
8.000 or Greater	0	0.00%	\$0	0.00%
Total	107,947	100.00%	\$13,047,220,079	100.00%

# Cover Pool Remaining Balance

Remaining Principal Balance (\$)	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
99,999 and below	58,162	53.88%	\$2,844,006,562	21.80%
100,000 - 149,999	19,343	17.92%	\$2,388,322,744	18.31%
150,000 - 199,999	12,637	11.71%	\$2,190,832,067	16.79%
200,000 - 249,999	7,111	6.59%	\$1,585,879,857	12.15%
250,000 - 299,999	4,115	3.81%	\$1,121,531,489	8.60%
300,000 - 349,999	2,353	2.18%	\$760,702,428	5.83%
350,000 - 399,999	1,433	1.33%	\$534,874,188	4.10%
400,000 - 449,999	872	0.81%	\$369,749,148	2.83%
450,000 - 499,999	550	0.51%	\$260,852,047	2.00%
500,000 - 549,999	309	0.29%	\$161,737,876	1.24%
550,000 - 599,999	260	0.24%	\$149,192,021	1.14%
600,000 - 649,999	144	0.13%	\$89,586,426	0.69%
650,000 - 699,999	118	0.11%	\$79,444,932	0.61%
700,000 - 749,999	90	0.08%	\$65,133,208	0.50%
750,000 - 799,999	79	0.07%	\$61,013,055	0.47%
800,000 - 849,999	86	0.08%	\$70,991,472	0.54%
850,000 - 899,999	69	0.06%	\$60,546,375	0.46%
900,000 - 949,999	58	0.05%	\$53,641,849	0.41%
950,000 - 999,999	51	0.05%	\$49,768,170	0.38%
1,000,000 and above	107	0.10%	\$149,414,166	1.15%
Total	107,947	100.00%	\$13,047,220,079	100.00%



# Cover Pool Months to Maturity Distribution

Months to Maturity	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
5 or Less	9,742	9.02%	\$1,039,647,136	7.97%
6 - 11	8,977	8.32%	\$1,028,350,105	7.88%
12 - 23	26,129	24.21%	\$2,828,676,169	21.68%
24 - 35	25,606	23.72%	\$3,354,490,644	25.71%
36 - 47	25,366	23.50%	\$3,168,484,790	24.28%
48 - 59	11,605	10.75%	\$1,559,891,964	11.96%
60 - 71	355	0.33%	\$42,706,653	0.33%
72 - 83	106	0.10%	\$16,129,303	0.12%
84 or Greater	61	0.06%	\$8,843,316	0.07%
Total	107,947	100.00%	\$13,047,220,079	100.00%

# Cover Pool Property Type Distribution

Property Type	Number of Loans	Percentage	Principal Balance	<u>Percentage</u>
Single Family	85,383	79.10%	\$9,991,897,888	76.58%
Condominium	11,781	10.91%	\$1,531,912,292	11.74%
2-4 Family Units	10,783	9.99%	\$1,523,409,899	11.68%
Total	107,947	100.00%	\$13,047,220,079	100.00%

### Cover Pool Indexed LTV - Authorized Distribution

Indexed LTV (%)	Number of Loans	Percentage	Principal Balance	Percentage
20.00 and below	2,249	2.08%	\$98,428,330	0.75%
20.01 - 25.00	1,594	1.48%	\$114,650,620	0.88%
25.01 - 30.00	2,106	1.95%	\$178,514,006	1.37%
30.01 - 35.00	2,842	2.63%	\$279,930,942	2.15%
35.01 - 40.00	3,575	3.31%	\$401,616,536	3.08%
40.01 - 45.00	4,832	4.48%	\$575,351,753	4.41%
45.01 - 50.00	5,887	5.45%	\$781,878,806	5.99%
50.01 - 55.00	7,111	6.59%	\$947,807,488	7.26%
55.01 - 60.00	8,812	8.16%	\$1,171,073,122	8.98%
60.01 - 65.00	12,091	11.20%	\$1,545,091,254	11.84%
65.01 - 70.00	12,402	11.49%	\$1,571,746,068	12.05%
70.01 - 75.00	15,987	14.81%	\$1,997,172,343	15.31%
75.01 - 80.00	22,760	21.08%	\$2,702,334,334	20.71%
Greater than 80.00	5,699	5.28%	\$681,624,476	5.22%
Total	107,947	100.00%	\$13,047,220,079	100.00%

### Cover Pool Indexed LTV - Drawn Distribution

Indexed LTV (%)	Number of Loans	Percentage	Principal Balance	Percentage
20.00 and below	7,716	7.15%	\$396,315,964	3.04%
20.01 - 25.00	3,974	3.68%	\$310,353,847	2.38%
25.01 - 30.00	4,704	4.36%	\$429,008,168	3.29%
30.01 - 35.00	5,353	4.96%	\$542,309,093	4.16%
35.01 - 40.00	5,869	5.44%	\$640,965,155	4.91%
40.01 - 45.00	7,181	6.65%	\$828,071,537	6.35%
45.01 - 50.00	8,189	7.59%	\$1,036,047,370	7.94%
50.01 - 55.00	9,012	8.35%	\$1,169,692,642	8.97%
55.01 - 60.00	10,287	9.53%	\$1,351,922,561	10.36%
60.01 - 65.00	11,437	10.60%	\$1,541,708,740	11.82%
65.01 - 70.00	12,096	11.21%	\$1,619,701,875	12.41%
70.01 - 75.00	12,527	11.60%	\$1,772,781,248	13.59%
75.01 - 80.00	8,656	8.02%	\$1,267,496,021	9.71%
Greater than 80.00	946	0.88%	\$140,845,860	1.08%
Total	107,947	100.00%	\$13,047,220,079	100.00%



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# Provincial Distribution by Indexed LTV - Drawn and Aging Summary

Current and less than 30 days past due							
Indexed LTV (%)	British Columbia	<b>Prairies</b>	Ontario	Quebec	Atlantic	Other	Total
20.00 and below	\$54,942,888	\$9,656,167	\$154,627,265	\$174,293,119	\$2,761,277	\$0	\$396,280,717
20.01 - 25.00	\$43,363,441	\$8,843,646	\$113,160,732	\$142,325,034	\$2,660,995	\$0	\$310,353,847
25.01 - 30.00	\$44,704,271	\$15,330,086	\$170,863,159	\$194,136,810	\$3,952,781	\$0	\$428,987,107
30.01 - 35.00	\$45,164,901	\$16,822,868	\$216,347,876	\$256,680,014	\$6,557,105	\$0	\$541,572,764
35.01 - 40.00	\$54,134,009	\$19,670,169	\$235,742,597	\$322,702,695	\$8,330,638	\$0	\$640,580,107
40.01 - 45.00	\$58,738,187	\$27,981,863	\$300,844,699	\$428,381,887	\$10,922,206	\$0	\$826,868,842
45.01 - 50.00	\$72,124,919	\$41,085,839	\$374,923,676	\$531,506,185	\$15,195,930	\$0	\$1,034,836,549
50.01 - 55.00	\$65,312,863	\$54,313,906	\$393,564,498	\$624,880,739	\$30,543,553	\$0	\$1,168,615,560
55.01 - 60.00	\$62,939,217	\$77,233,061	\$384,324,499	\$784,117,328	\$41,266,445	\$0	\$1,349,880,549
60.01 - 65.00	\$54,372,737	\$115,124,591	\$355,892,382	\$977,794,868	\$36,572,829	\$0	\$1,539,757,407
65.01 - 70.00	\$44,521,434	\$133,154,404	\$239,601,691	\$1,187,518,373	\$12,155,170	\$0	\$1,616,951,072
70.01 - 75.00	\$22,141,429	\$147,247,960	\$186,769,651	\$1,409,819,659	\$3,855,840	\$0	\$1,769,834,538
75.01 - 80.00	\$9,497,319	\$139,359,636	\$75,842,601	\$1,039,848,444	\$2,012,023	\$0	\$1,266,560,023
Greater than 80.00	\$732,082	\$46,101,871	\$1,316,754	\$92,695,153	\$0	\$0	\$140,845,860
Total	\$632,689,696	\$851,926,066	\$3,203,822,080	\$8,166,700,309	\$176,786,790	\$0	\$13,031,924,941

#### 30 to 59 days past due

Indexed LTV (%)	British Columbia	<b>Prairies</b>	Ontario	Quebec	Atlantic	Other	Total
20.00 and below	\$0	\$0	\$0	\$25,285	\$0	\$0	\$25,285
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	\$299,208	\$0	\$0	\$0	\$299,208
35.01 - 40.00	\$0	\$0	\$226,269	\$81,348	\$0	\$0	\$307,617
40.01 - 45.00	\$0	\$0	\$580,422	\$295,147	\$0	\$0	\$875,569
45.01 - 50.00	\$126,560	\$0	\$712,104	\$38,119	\$0	\$0	\$876,782
50.01 - 55.00	\$0	\$0	\$0	\$147,961	\$94,171	\$0	\$242,132
55.01 - 60.00	\$0	\$175,427	\$233,776	\$608,352	\$178,236	\$0	\$1,195,792
60.01 - 65.00	\$0	\$0	\$0	\$1,093,227	\$235,915	\$0	\$1,329,143
65.01 - 70.00	\$0	\$0	\$0	\$1,609,551	\$0	\$0	\$1,609,551
70.01 - 75.00	\$0	\$292,512	\$235,125	\$2,100,832	\$0	\$0	\$2,628,469
75.01 - 80.00	\$0	\$0	\$0	\$654,718	\$0	\$0	\$654,718
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$126,560	\$467,940	\$2,286,904	\$6,654,540	\$508,323	\$0	\$10,044,267



#### 60 to 89 days past due

Indexed LTV (%)	British Columbia	Prairies	Ontario	Quebec	Atlantic	Other	Total
20.00 and below	\$0	\$0	\$0	\$9,962	\$0	\$0	\$9,962
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$0	\$21,061	\$0	\$0	\$21,061
30.01 - 35.00	\$0	\$0	\$361,018	\$0	\$0	\$0	\$361,018
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	\$127,180	\$0	\$0	\$0	\$0	\$0	\$127,180
50.01 - 55.00	\$168,328	\$0	\$0	\$0	\$0	\$0	\$168,328
55.01 - 60.00	\$0	\$0	\$0	\$216,231	\$204,601	\$0	\$420,832
60.01 - 65.00	\$0	\$0	\$0	\$518,919	\$0	\$0	\$518,919
65.01 - 70.00	\$0	\$72,106	\$0	\$523,494	\$0	\$0	\$595,600
70.01 - 75.00	\$0	\$0	\$0	\$164,083	\$0	\$0	\$164,083
75.01 - 80.00	\$0	\$0	\$0	\$181,448	\$0	\$0	\$181,448
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$295,508	\$72,106	\$361,018	\$1,635,197	\$204,601	\$0	\$2,568,430

#### 90 or more days past due

Indexed LTV (%)	British Columbia	Prairies	<u>Ontario</u>	Quebec	Atlantic	Other	Total
20.00 and below	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30.01 - 35.00	\$0	\$0	\$0	\$76,103	\$0	\$0	\$76,103
35.01 - 40.00	\$0	\$0	\$0	\$77,430	\$0	\$0	\$77,430
40.01 - 45.00	\$0	\$0	\$139,079	\$188,047	\$0	\$0	\$327,126
45.01 - 50.00	\$0	\$0	\$0	\$167,330	\$39,529	\$0	\$206,859
50.01 - 55.00	\$0	\$0	\$0	\$452,146	\$214,476	\$0	\$666,622
55.01 - 60.00	\$0	\$0	\$0	\$335,130	\$90,258	\$0	\$425,387
60.01 - 65.00	\$0	\$0	\$0	\$103,271	\$0	\$0	\$103,271
65.01 - 70.00	\$0	\$0	\$0	\$545,652	\$0	\$0	\$545,652
70.01 - 75.00	\$0	\$0	\$0	\$154,158	\$0	\$0	\$154,158
75.01 - 80.00	\$0	\$0	\$0	\$99,833	\$0	\$0	\$99,833
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$139,079	\$2,199,100	\$344,263	\$0	\$2,682,442

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

Indexed LTV (%)

	599 and below	<u>600 - 650</u>	<u>651 - 700</u>	<u>701 - 750</u>	<u>751 - 800</u>	801 and above	Score Unavailable	Total
20.00 and below	\$905,996	\$4,636,991	\$13,205,081	\$59,283,150	\$235,994,257	\$74,737,966	\$7,552,522	\$396,315,964
20.01 - 25.00	\$1,474,298	\$3,436,228	\$15,104,622	\$52,547,098	\$191,252,509	\$40,558,692	\$5,980,400	\$310,353,847
25.01 - 30.00	\$2,673,474	\$5,627,377	\$25,697,693	\$108,620,648	\$236,537,387	\$41,482,859	\$8,368,731	\$429,008,168
30.01 - 35.00	\$4,862,898	\$12,786,171	\$33,409,209	\$139,703,325	\$282,071,816	\$54,508,193	\$14,967,480	\$542,309,093
35.01 - 40.00	\$3,906,067	\$14,804,479	\$42,957,286	\$175,431,978	\$330,124,447	\$55,062,620	\$18,678,277	\$640,965,155
40.01 - 45.00	\$6,895,066	\$17,634,204	\$70,527,519	\$249,124,398	\$393,854,416	\$72,226,684	\$17,809,249	\$828,071,537
45.01 - 50.00	\$8,544,884	\$26,491,355	\$100,600,416	\$336,353,777	\$446,928,187	\$90,330,009	\$26,798,742	\$1,036,047,370
50.01 - 55.00	\$13,487,937	\$32,254,330	\$114,514,866	\$404,604,736	\$494,156,086	\$85,989,097	\$24,685,590	\$1,169,692,642
55.01 - 60.00	\$16,687,993	\$35,686,057	\$147,874,124	\$483,794,794	\$531,483,750	\$106,317,298	\$30,078,544	\$1,351,922,561
60.01 - 65.00	\$22,285,019	\$46,688,204	\$185,982,043	\$573,147,571	\$567,110,027	\$118,719,717	\$27,776,158	\$1,541,708,740
65.01 - 70.00	\$24,907,832	\$62,037,756	\$211,093,234	\$667,884,448	\$506,479,563	\$120,733,662	\$26,565,379	\$1,619,701,875
70.01 - 75.00	\$28,387,683	\$51,567,794	\$256,130,083	\$762,623,115	\$521,820,533	\$123,371,823	\$28,880,216	\$1,772,781,248
75.01 - 80.00	\$15,028,856	\$39,971,913	\$240,280,439	\$551,005,389	\$318,948,370	\$84,226,956	\$18,034,099	\$1,267,496,021
Greater than 80.00	\$925,562	\$7,348,870	\$32,576,242	\$57,394,100	\$31,849,846	\$7,780,433	\$2,970,807	\$140,845,860
Total	\$150,973,566	\$360,971,728	\$1,489,952,858	\$4,621,518,528	\$5,088,611,195	\$1,076,046,010	\$259,146,194	\$13,047,220,079



#### 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" ownin property type, 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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