

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

Series	Initial Amount	Translation Rate	C\$ Equivalent	Maturity Date	Extended Due for Payment Date	Coupon Rate	Rate Type	Maturity Type
CBL2	€1,000,000,000	1.5363	\$1,536,300,000	25 Mar 2021	25 Mar 2022	1.500%	Fixed	Soft
CBL3	€1,000,000,000	1.3869	\$1,386,900,000	26 Jan 2022	26 Jan 2023	0.500%	Fixed	Soft
CBL5	£100,000,000	1.7100	\$171,000,000	27 Sep 2021	27 Sep 2022	3 month £ Libor +0.370%	Floating	Soft
CBL5 (Tranche 2)	£70,000,000	1.6400	\$114,800,000	27 Sep 2021	27 Sep 2022	3 month £ Libor +0.370%	Floating	Soft
CBL5 (Tranche 3)	£80,000,000	1.6460	\$131,680,000	27 Sep 2021	27 Sep 2022	3 month £ Libor +0.370%	Floating	Soft
CBL6	€750,000,000	1.4618	\$1,096,350,000	29 Sep 2023	29 Sep 2024	0.000%	Fixed	Soft
CBL7	€750,000,000	1.5998	\$1,199,812,500	13 Mar 2025	13 Mar 2026	0.750%	Fixed	Soft
CBL8	€750,000,000	1.5410	\$1,155,772,500	24 Jul 2023	24 Jul 2024	0.250%	Fixed	Soft
CBL9	USD\$270,000,000	1.3321	\$359,667,000	14 Dec 2020	14 Dec 2021	3 month USD Libor +0.180%	Floating	Soft
CBL10	€750,000,000	1.5206	\$1,140,420,000	15 Jan 2024	15 Jan 2025	0.375%	Fixed	Soft
		-	\$8,292,702,000					

Weighted Average Maturity of Outstanding Covered Bonds (months)	46.13
Weighted Average Remaining Term of Loans in Cover Pool (months)	30.90

Series Ratings	Moody's	DBRS	Fitch Ratings
CBL2	Aaa	AAA	AAA
CBL3	Aaa	AAA	AAA
CBL5	Aaa	AAA	AAA
CBL5 (Tranche 2)	Aaa	AAA	AAA
CBL5 (Tranche 3)	Aaa	AAA	AAA
CBL6	Aaa	AAA	AAA
CBL7	Aaa	AAA	AAA
CBL8	Aaa	AAA	AAA
CBL9	Aaa	AAA	AAA
CBL10	Aaa	AAA	AAA

## Supplementary Information

**Parties** 

Issuer
Guarantor Entity
Servicer & Cash Manager
Swap Provider
Covered Bond Trustee & Custodian
Asset Monitor
Account Bank & GIC Provider
Standby Account Bank & GIC Provider
Paying Agent

National Bank of Canada (NBC) NBC Covered Bond (Legislative) Guarantor Limited Partnership National Bank of Canada National Bank of Canada Computershare Trust Company of Canada Deloitte LLP National Bank of Canada Royal Bank of Canada (RBC) The Bank of New York Mellon (Luxembourg) S.A.



## National Bank of Canada Ratings

National Bank of Canada Ratings					
	Sta	andard & Poor's	Moody's	DBRS	Fitch Ratings
Long Term Senior Debt		А	Aa3	AA (low)	A+
Short Term Senior Debt		A-1	P-1	R-1 M	F1
Outlook		Stable	Stable	Stable	Stable
Other Ratings		N/A	Counterparty Risk Assessment long term / short term Aa3(cr) / P-1 (cr) Deposit Rating long term / short term Aa3 / P-1	N/A	Issuer Default Rating long term / short term A+ / F1
Applicable Ratings of Standby Account Bank & GIC Provider (RE	-				
	Mod	ody's (Deposit Rating)	DBRS (Debt Ratings)	Fitch Rating	S (Issuer Default Rating)
Long Term		Aa2	AA		AA
Short Term		P-1	R-1 H		F1+
Description of Ratings Triggers A. Party Replacement If the rating(s) of the Party falls below the level stipulated below, such (i) transfer credit support and (ii) replace itself or obtain a guarantee for its obligations.					
Role (Current Party)	Moody's	DBRS	<u>Fitch</u>		
Account Bank & GIC Provider (NBC)	P-1*	R-1(low)* or A	F1* or A		
Standby Account Bank & GIC Provider (RBC)	P-1*	R-1(low)* or A	F1* or A		
Cash Manager (NBC) Servicer (NBC)	P-2(cr)* Baa3	BBB (low) BBB (low)	F2* F2*		
Interest Rate Swap Provider (NBC)	P-2(cr)* or A3(cr)	R-2(mid)* or BBB			
Covered Bond Swap Provider (NBC) Title Holder on Mortgages (NBC)	P-2(cr)* or A3(cr) Baa1	R-2(mid)* or BBB BBB (low)	B F2* or BBB+ BBB-		
The Holder of Moligages (NDC)	Dadi	DDD (IOW)	DDD-		
<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		
(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		
<li>ii. The following actions are required if the rating of the Servicer (NBC) falls below the stipulated rating:</li>					
	Moody's	DBRS	Fitch		
<ul> <li>(a) Servicer is required to transfer amounts belonging to the Guarante to the Cash Manager or the GIC Account, as applicable, within 2 business days</li> </ul>	or P-1(cr)*	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	<u>Fitch</u>		
(a) Repayment of the Demand Loan (b) Establishment of the Reserve Fund (c) Fund Pre-Maturity Liquidity Required Amount on Hard Bullet Covered Bonds	N/A P-1(cr)* P-1*	N/A R-1(mid)* or A(lov 6 months: A(high) 12 months: A(low)	F2* or BBB+ v) 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	Fitch		
(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	<u>Fitch</u>		
(a) Interact Data Suran Descrides	-	D 1/low/* *	<b>F</b> 4* A		
<ul><li>(a) Interest Rate Swap Provider</li><li>(b) Covered Bond Swap Provider</li></ul>	P-1(cr)* or A2(cr)(1) P-1(cr)* or A2(cr)(1)		F1* or A F1* or A		

\*Short Term rating (1) In the case of the Interest Swap Provider, or, in the case of the Covered Bond Swap Provider prior to CBL7 only, if the applicable swap provider or its credit support provider does not have a short-term rating assigned by Moody's, the long term unsecured rating trigger is A1(cr).

## Events of Default



## Asset Coverage Test

Outstanding Covered Bonds	\$8,292,702,000	
A = Lesser of (i) LTV Adjusted True Balance and	\$16,988,418,642	A(i): \$18,523,076,458
(ii) Asset Percentage Adjusted True Balance		A(ii): \$16,988,418,642
B = Principal Receipts	\$0	Asset Percentage: 91.70%
C = Cash Capital Contributions	\$0	Maximum Asset Percentage: 93.00%
D = Substitute Assets	\$0	
E = Reserve Fund Balance	\$0	Regulatory OC Minimum: 103.00%
Y = Contingent Collateral Amount	\$0	Level of Overcollateralization1: 109.14%
Z = Negative Carry Factor calculation	\$159,383,518	
Total: A + B + C + D + E - Y- Z	\$16,829,035,124	
Asset Coverage Test	PASS	

### Asset Coverage Test

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

<sup>1</sup> Per Section 4.3.8 of the CMHC Guide, (A) the lesser of (i) the total amount of cover pool collateral and (ii) the amount of cover pool collateral required to collateralize the covered bonds outstanding and ensure the Asset Coverage Test is met, divided by (B) the Canadian dollar equivalent of the principal amount of covered bonds outstanding under the registered covered bond program.

Valuation Calculation		
Trading Value of Covered Bonds	\$8,425,020,685	;
	\$0,120,020,000	
A = LTV Adjusted Loan Present Value	\$18,001,099,441	
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	\$18,001,099,441	_
		-
Weighted average market rate used for discounting:	4.22%	1
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	\$0.050 404 240	
Demand Loan	\$9,050,404,210 \$9.550,699,275	
Total	\$9,550,699,275	-
i Ulai	\$10,001,103,485	
Covered Bonds Outstanding vs OSFI Limit		
Covered Bonds Currently Outstanding (CAD Equivalent):		
Issued under the Legislative Covered Bond Programme	\$8,292,702,000	-
Total	\$8,292,702,000	

OSFI Maximum (CAD Equivalent):

\$10,161,762,379



# Cover Pool Summary Statistics

Previous Month Ending Balance	\$12,311,530,708	
Current Balance	\$18,527,670,835	
Number of Mortgage loans in Pool	139,666	
Average Mortgage Size	\$132,657	
Number of Properties	108,478	
Number of Primary Borrowers	104,025	
Weighted Average Indexed Authorized LTV	62.01%	
Weighted Average Indexed Drawn LTV	55.24%	
Weighted Average Original LTV	71.82%	
Weighted Average Interest Rate	3.00%	
Weighted Average Seasoning	23.36	months
Weighted Average Original Term	54.25	months
Weighted Average Remaining Term	30.90	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	Percentage
Current and less than 30 days past due	139,543	99.91%	\$18,513,693,925	99.92%
30 to 59 days past due	80	0.06%	\$9,256,420	0.05%
60 to 89 days past due	31	0.02%	\$3,133,234	0.02%
90 or more days past due	12	0.01%	\$1,587,256	0.01%
Total	139,666	100.00%	\$18,527,670,835	100.00%

# **Cover Pool Provincial Distribution**

Province	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
British Columbia	3,138	2.25%	\$969,175,421	5.23%
Prairies	4,362	3.12%	\$851,654,117	4.60%
Ontario	21,390	15.32%	\$5,034,038,253	27.17%
Quebec	108,343	77.57%	\$11,464,204,380	61.88%
Atlantic	2,433	1.74%	\$208,598,663	1.13%
Other	0	0.00%	\$0	0.00%
Total	139,666	100.00%	\$18,527,670,835	100.00%

# Cover Pool Credit Score Distribution

Credit Score	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
Score Unavailable	2,832	2.03%	\$568,911,442	3.07%
599 and below	1,162	0.83%	\$125,368,155	0.68%
600 - 650	3,690	2.64%	\$527,950,088	2.85%
651 - 700	14,381	10.30%	\$2,112,598,371	11.40%
701 - 750	44,928	32.17%	\$6,284,869,010	33.92%
751 - 800	57,488	41.16%	\$7,166,401,004	38.68%
801 and above	15,185	10.87%	\$1,741,572,765	9.40%
Total	139,666	100.00%	\$18,527,670,835	100.00%

Cover Pool Interest Rate Type Distribution							
Interest Rate Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>			
Fixed	109,600	78.47%	\$13,502,662,245	72.88%			
Variable	30,066	21.53%	\$5,025,008,591	27.12%			
Total	139,666	100.00%	\$18,527,670,835	100.00%			



Cover Pool Occupancy Type Distribution				
Occupancy Type	Number of Loans	Percentage	Principal Balance	Percentage
Owner Occupied	123,512	88.43%	\$15,805,923,442	85.31%
Non-Owner Occupied	16,154	11.57%	\$2,721,747,394	14.69%
Total	139,666	100.00%	\$18,527,670,835	100.00%
Mortgage Asset Type Distribution				
Asset Type	Number of Loans	Percentage	Principal Balance	Percentage
Conventional Mortgage	60,526	43.34%	\$9,463,381,173	51.08%
Amortizing Segment of All-in-One Product	79,140	56.66%	\$9,064,289,662	48.92%
Total	139,666	100.00%	\$18,527,670,835	100.00%
Cover Pool Interest Rate Distribution				
Interest Rate (%)	Number of Loans	<u>Percentage</u>	Principal Balance	Percentage
Less than 2.000	198	0.14%	\$29,081,392	0.16%

Total	139,666	100.00%	\$18,527,670,835	100.00%
8.000 or Greater	0	0.00%	\$0	0.00%
7.000 - 7.999	454	0.33%	\$42,127,571	0.23%
6.000 - 6.999	36	0.03%	\$3,420,286	0.02%
5.000 - 5.999	161	0.12%	\$20,791,802	0.11%
4.000 - 4.999	1,479	1.06%	\$181,313,713	0.98%
3.000 - 3.999	64,433	46.13%	\$8,820,322,457	47.61%
2.000 - 2.999	72,905	52.20%	\$9,430,613,614	50.90%
Less than 2.000	198	0.14%	\$29,081,392	0.16%

Cover Pool Remaining Balance				
Remaining Principal Balance (\$)	Number of Loans	Percentage	Principal Balance	<u>Percentage</u>
99,999 and below	72,147	51.66%	\$3,476,828,821	18.77%
100,000 - 149,999	24,124	17.27%	\$2,985,690,062	16.11%
150,000 - 199,999	16,932	12.12%	\$2,941,894,803	15.88%
200,000 - 249,999	9,300	6.66%	\$2,076,674,327	11.21%
250,000 - 299,999	5,670	4.06%	\$1,548,894,799	8.36%
300,000 - 349,999	3,409	2.44%	\$1,102,572,444	5.95%
350,000 - 399,999	2,293	1.64%	\$855,979,286	4.62%
400,000 - 449,999	1,436	1.03%	\$608,106,563	3.28%
450,000 - 499,999	1,063	0.76%	\$504,112,232	2.72%
500,000 - 549,999	720	0.52%	\$377,457,337	2.04%
550,000 - 599,999	548	0.39%	\$314,563,449	1.70%
600,000 - 649,999	366	0.26%	\$228,512,029	1.23%
650,000 - 699,999	297	0.21%	\$199,888,494	1.08%
700,000 - 749,999	235	0.17%	\$170,526,980	0.92%
750,000 - 799,999	204	0.15%	\$158,272,371	0.85%
800,000 - 849,999	162	0.12%	\$133,467,676	0.72%
850,000 - 899,999	157	0.11%	\$137,247,750	0.74%
900,000 - 949,999	149	0.11%	\$138,255,114	0.75%
950,000 - 999,999	117	0.08%	\$113,581,254	0.61%
1,000,000 and above	337	0.24%	\$455,145,044	2.46%
Total	139,666	100.00%	\$18,527,670,835	100.00%



# Cover Pool Months to Maturity Distribution

Months to Maturity	Number of Loans	Percentage	Principal Balance	Percentage
5 or Less	11,442	8.19%	\$1,337,470,039	7.22%
6 - 11	14,278	10.22%	\$1,747,377,335	9.43%
12 - 23	32,378	23.18%	\$3,742,015,499	20.20%
24 - 35	28,129	20.14%	\$3,819,162,017	20.61%
36 - 47	26,595	19.04%	\$3,922,220,971	21.17%
48 - 59	26,177	18.74%	\$3,875,724,025	20.92%
60 - 71	522	0.37%	\$62,392,043	0.34%
72 - 83	54	0.04%	\$7,766,676	0.04%
84 or Greater	91	0.07%	\$13,542,230	0.07%
Total	139,666	100.00%	\$18,527,670,835	100.00%

# Cover Pool Property Type Distribution

Property Type	Number of Loans	<u>Percentage</u>	Principal Balance	<u>Percentage</u>
Single Family	109,760	78.59%	\$14,249,084,979	76.91%
Condominium	16,303	11.67%	\$2,247,715,270	12.13%
2-4 Family Units	13,603	9.74%	\$2,030,870,587	10.96%
Total	139,666	100.00%	\$18,527,670,835	100.00%

# Cover Pool Indexed LTV - Authorized Distribution

Indexed LTV (%)	Number of Loans	Percentage	Principal Balance	<u>Percentage</u>
20.00 and below	3,330	2.38%	\$150,110,190	0.81%
20.01 - 25.00	2,037	1.46%	\$155,983,244	0.84%
25.01 - 30.00	2,964	2.12%	\$265,855,584	1.43%
30.01 - 35.00	4,059	2.91%	\$454,778,305	2.45%
35.01 - 40.00	5,531	3.96%	\$690,992,030	3.73%
40.01 - 45.00	7,097	5.08%	\$964,927,078	5.21%
45.01 - 50.00	8,416	6.03%	\$1,199,915,939	6.48%
50.01 - 55.00	9,676	6.93%	\$1,383,718,058	7.47%
55.01 - 60.00	12,232	8.76%	\$1,722,339,534	9.30%
60.01 - 65.00	15,203	10.89%	\$2,225,421,426	12.01%
65.01 - 70.00	16,573	11.87%	\$2,397,688,254	12.94%
70.01 - 75.00	22,816	16.34%	\$3,048,559,673	16.45%
75.01 - 80.00	25,462	18.23%	\$3,339,195,691	18.02%
Greater than 80.00	4,270	3.06%	\$528,185,828	2.85%
Total	139,666	100.00%	\$18,527,670,835	100.00%

Cover Pool Indexed LTV - Drawn Distribution				
Indexed LTV (%)	Number of Loans	Percentage	Principal Balance	<u>Percentage</u>
20.00 and below	11,240	8.05%	\$573,683,887	3.10%
20.01 - 25.00	5,453	3.90%	\$462,400,415	2.50%
25.01 - 30.00	6,321	4.53%	\$612,301,173	3.30%
30.01 - 35.00	7,599	5.44%	\$837,780,709	4.52%
35.01 - 40.00	8,585	6.15%	\$1,064,654,924	5.75%
40.01 - 45.00	10,336	7.40%	\$1,370,510,867	7.40%
45.01 - 50.00	11,025	7.89%	\$1,506,609,842	8.13%
50.01 - 55.00	12,047	8.63%	\$1,693,094,626	9.14%
55.01 - 60.00	13,088	9.37%	\$1,911,921,964	10.32%
60.01 - 65.00	14,547	10.42%	\$2,215,074,455	11.96%
65.01 - 70.00	14,459	10.35%	\$2,230,839,267	12.04%
70.01 - 75.00	14,633	10.48%	\$2,288,122,649	12.35%
75.01 - 80.00	9,812	7.03%	\$1,660,035,860	8.96%
Greater than 80.00	521	0.37%	\$100,640,197	0.54%
Total	139,666	100.00%	\$18,527,670,835	100.00%



# Provincial Distribution by Indexed LTV - Drawn and Aging Summary

Current and less than 30 days past due							
Indexed LTV (%)	British Columbia	Prairies	Ontario	Quebec	Atlantic	Other	Total
20.00 and below	\$61,426,804	\$10,370,986	\$207,689,294	\$288,761,457	\$5,260,041	\$0	\$573,508,581
20.01 - 25.00	\$54,167,548	\$12,031,022	\$173,736,532	\$218,182,177	\$4,008,660	\$0	\$462,125,939
25.01 - 30.00	\$52,136,564	\$14,326,595	\$246,156,197	\$293,384,873	\$6,140,341	\$0	\$612,144,569
30.01 - 35.00	\$81,001,709	\$18,867,173	\$337,039,752	\$392,257,188	\$8,161,779	\$0	\$837,327,601
35.01 - 40.00	\$96,354,039	\$17,363,393	\$437,264,751	\$499,330,205	\$13,058,105	\$0	\$1,063,370,493
40.01 - 45.00	\$116,040,082	\$35,702,483	\$548,667,568	\$645,282,539	\$23,464,728	\$0	\$1,369,157,400
45.01 - 50.00	\$112,317,878	\$51,245,420	\$516,772,979	\$792,164,083	\$33,328,153	\$0	\$1,505,828,513
50.01 - 55.00	\$105,603,151	\$62,148,656	\$493,526,168	\$996,674,104	\$33,393,137	\$0	\$1,691,345,216
55.01 - 60.00	\$93,919,028	\$69,511,153	\$506,012,656	\$1,225,463,153	\$14,833,779	\$0	\$1,909,739,770
60.01 - 65.00	\$105,049,166	\$85,743,532	\$520,844,048	\$1,486,436,331	\$16,107,216	\$0	\$2,214,180,293
65.01 - 70.00	\$44,305,380	\$118,792,813	\$410,114,437	\$1,636,376,496	\$18,000,081	\$0	\$2,227,589,206
70.01 - 75.00	\$26,290,599	\$147,754,423	\$296,979,620	\$1,805,065,408	\$10,888,421	\$0	\$2,286,978,471
75.01 - 80.00	\$19,339,926	\$152,075,473	\$311,272,032	\$1,156,517,017	\$20,553,228	\$0	\$1,659,757,677
Greater than 80.00	\$418,898	\$54,981,156	\$25,225,873	\$20,014,270	\$0	\$0	\$100,640,197
Total	\$968,370,772	\$850,914,277	\$5,031,301,906	\$11,455,909,303	\$207,197,667	\$0	\$18,513,693,925

#### 30 to 59 days past due

Indexed LTV (%)	British Columbia	Prairies	Ontario	Quebec	Atlantic	Other	<u>Total</u>
20.00 and below	\$87,777	\$0	\$0	\$84,802	\$0	\$0	\$172,579
20.01 - 25.00	\$0	\$0	\$227,446	\$0	\$47,031	\$0	\$274,477
25.01 - 30.00	\$0	\$52,296	\$0	\$35,558	\$0	\$0	\$87,855
30.01 - 35.00	\$0	\$0	\$110,176	\$39,883	\$0	\$0	\$150,059
35.01 - 40.00	\$204,450	\$0	\$0	\$115,173	\$39,442	\$0	\$359,064
40.01 - 45.00	\$0	\$0	\$619,516	\$0	\$652,865	\$0	\$1,272,381
45.01 - 50.00	\$0	\$0	\$488,527	\$0	\$0	\$0	\$488,527
50.01 - 55.00	\$0	\$0	\$448,866	\$791,308	\$133,894	\$0	\$1,374,069
55.01 - 60.00	\$265,447	\$0	\$0	\$1,177,656	\$0	\$0	\$1,443,104
60.01 - 65.00	\$0	\$0	\$91,150	\$751,872	\$0	\$0	\$843,022
65.01 - 70.00	\$0	\$0	\$0	\$1,738,175	\$110,708	\$0	\$1,848,882
70.01 - 75.00	\$0	\$0	\$0	\$706,723	\$0	\$0	\$706,723
75.01 - 80.00	\$0	\$0	\$0	\$235,678	\$0	\$0	\$235,678
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$557,674	\$52,296	\$1,985,682	\$5,676,828	\$983,940	\$0	\$9,256,420



### 60 to 89 days past due

Indexed LTV (%)	British Columbia	Prairies	<u>Ontario</u>	Quebec	Atlantic	Other	Total
20.00 and below	\$0	\$0	\$0	\$2,727	\$0	\$0	\$2,727
20.01 - 25.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25.01 - 30.00	\$0	\$0	\$0	\$68,749	\$0	\$0	\$68,749
30.01 - 35.00	\$0	\$0	\$0	\$56,075	\$0	\$0	\$56,075
35.01 - 40.00	\$0	\$534,710	\$0	\$75,177	\$257,067	\$0	\$866,953
40.01 - 45.00	\$0	\$0	\$0	\$81,086	\$0	\$0	\$81,086
45.01 - 50.00	\$0	\$0	\$0	\$222,115	\$0	\$0	\$222,115
50.01 - 55.00	\$0	\$0	\$98,679	\$22,456	\$89,304	\$0	\$210,438
55.01 - 60.00	\$0	\$0	\$209,301	\$108,515	\$0	\$0	\$317,816
60.01 - 65.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65.01 - 70.00	\$0	\$0	\$442,686	\$384,630	\$0	\$0	\$827,315
70.01 - 75.00	\$0	\$0	\$0	\$437,455	\$0	\$0	\$437,455
75.01 - 80.00	\$0	\$0	\$0	\$42,505	\$0	\$0	\$42,505
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$534,710	\$750,665	\$1,501,489	\$346,371	\$0	\$3,133,234

### 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	\$246,974	\$0	\$0	\$0	\$0	\$0	\$246,974
35.01 - 40.00	\$0	\$0	\$0	\$58,415	\$0	\$0	\$58,415
40.01 - 45.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45.01 - 50.00	\$0	\$0	\$0	\$0	\$70,686	\$0	\$70,686
50.01 - 55.00	\$0	\$0	\$0	\$164,903	\$0	\$0	\$164,903
55.01 - 60.00	\$0	\$152,835	\$0	\$268,440	\$0	\$0	\$421,275
60.01 - 65.00	\$0	\$0	\$0	\$51,140	\$0	\$0	\$51,140
65.01 - 70.00	\$0	\$0	\$0	\$573,863	\$0	\$0	\$573,863
70.01 - 75.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
75.01 - 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Greater than 80.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$246,974	\$152,835	\$0	\$1,116,761	\$70,686	\$0	\$1,587,256

## 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	\$1,257,572	\$4,805,850	\$24,278,641	\$74,779,970	\$328,333,264	\$120,417,460	\$19,811,130	\$573,683,887
20.01 - 25.00	\$1,206,884	\$7,195,582	\$22,178,552	\$93,307,992	\$256,142,708	\$71,339,812	\$11,028,885	\$462,400,415
25.01 - 30.00	\$3,476,401	\$9,711,342	\$42,028,825	\$125,060,462	\$337,256,839	\$74,116,741	\$20,650,563	\$612,301,173
30.01 - 35.00	\$4,407,489	\$14,404,012	\$62,713,692	\$211,976,289	\$414,654,448	\$100,219,497	\$29,405,282	\$837,780,709
35.01 - 40.00	\$6,515,284	\$27,784,413	\$84,669,719	\$292,506,062	\$483,461,124	\$133,492,984	\$36,225,337	\$1,064,654,924
40.01 - 45.00	\$8,438,077	\$34,040,721	\$119,135,459	\$421,945,947	\$607,311,643	\$142,831,612	\$36,807,409	\$1,370,510,867
45.01 - 50.00	\$11,273,271	\$39,496,501	\$138,776,835	\$469,875,813	\$652,513,050	\$151,093,297	\$43,581,074	\$1,506,609,842
50.01 - 55.00	\$13,165,031	\$46,849,396	\$182,898,589	\$542,705,411	\$697,413,278	\$157,797,437	\$52,265,484	\$1,693,094,626
55.01 - 60.00	\$18,982,763	\$62,893,235	\$219,095,474	\$681,302,825	\$706,999,533	\$173,744,259	\$48,903,876	\$1,911,921,964
60.01 - 65.00	\$17,946,770	\$71,771,023	\$261,403,681	\$840,287,939	\$759,891,727	\$192,704,711	\$71,068,603	\$2,215,074,455
65.01 - 70.00	\$18,158,171	\$70,354,268	\$304,534,551	\$915,968,278	\$701,304,860	\$172,867,645	\$47,651,494	\$2,230,839,267
70.01 - 75.00	\$13,742,231	\$66,542,117	\$350,814,845	\$923,086,749	\$727,886,932	\$152,451,409	\$53,598,366	\$2,288,122,649
75.01 - 80.00	\$5,624,817	\$66,801,253	\$283,657,555	\$651,318,602	\$468,176,078	\$88,583,214	\$95,874,340	\$1,660,035,860
Greater than 80.00	\$1,173,394	\$5,300,375	\$16,411,953	\$40,746,671	\$25,055,519	\$9,912,686	\$2,039,598	\$100,640,197
Total	\$125,368,155	\$527,950,088	\$2,112,598,371	\$6,284,869,010	\$7,166,401,004	\$1,741,572,765	\$568,911,442	\$18,527,670,835



#### Indexation Methodology

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

The primary index used by the Guarantor to determine the market value of a Property is the Teranet-National Bank Regional and Property Type Sub-IndicesTM (the "RPT Sub-Indices"). The RPT Sub-Indices are estimated by tracking the observed or registered home prices over time based on property records of public land registries and grouped based on the first three digits of the Property's postal code. A Property must have been sold at least twice in order to be included in the calculation of the RPT Sub-Indices. In areas where sufficient data is available, the RPT Sub-Indices may be further subdivided by property type (all types, single-family homes and condominiums), which offers another layer of valuation granularity without compromising the statistical estimation error terms. To the extent necessary, the Teranet-National Bank House Price IndexTM – Composite 11 Index (the "HPI – Composite 11") will be used for indexation purposes where the RPT Sub-Indices are not available. The HPI – Composite 11 combines the metropolitan areas of Victoria, Vancouver, Calgary, Edmonton, Winnipeg, Hamilton, Toronto, Ottawa, Montréal, Québec and Halfax 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-indices. 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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