

## GOLDEN CREDIT CARD TRUST – CREDIT CARD PORTFOLIO

As at December 31, 2018

Unless the context requires otherwise, initial capitalized terms used and not otherwise defined herein shall have the meanings ascribed thereto in the second amended and restated pooling and servicing agreement (the “**Pooling and Servicing Agreement**”) dated October 30, 2009 between Royal Bank of Canada (“**RBC**”), as Seller and initial Servicer, and BNY Trust Company of Canada, as agent, nominee and bare trustee for and on behalf of the Seller, the Co-Owners and other Persons who from time to time are party to the Series Purchase Agreements (the “**Custodian**”).

### Account Performance

The following tables set forth the historical performance of the Accounts for each of the indicated periods. There can be no assurance, however, that the loss and delinquency yield experience for the Accounts in the future will be similar to the historical experience set forth below. The information in the tables has been provided by RBC.

#### *Loss and Delinquency Experience*

The loss and delinquency experience of the Accounts is as follows:

#### Loss Experience for the Accounts (unaudited)

	<u>Year Ended December 31, 2018</u>	<u>Year Ended December 31, 2017</u>	<u>Year Ended December 31, 2016</u>
Average Pool Balance <sup>(1)</sup> .....	\$11,104,635,225	\$11,182,952,439	\$11,243,136,886
Net Write-offs <sup>(2)</sup> .....	\$252,650,981	\$246,950,590	\$272,411,002
Average Net Write-off Ratio <sup>(3)</sup> .....	2.28%	2.21%	2.43%

(1) Average Pool Balance is the average of the beginning balance for the number of Determination Periods in the period.

(2) Write-offs represent the aggregate amount of Receivables outstanding in Written-Off Accounts, net of Recoveries.

(3) Average Net Write-off Ratio is the average of the monthly annualized net write-offs as a percentage of beginning Pool Balance for the number of Determination Periods in the period.

**Delinquencies as a Percentage of the Accounts**  
(unaudited)

As at December 31, 2018

<u>Days Delinquent</u> <sup>(1)</sup>	<u>Number of Accounts</u> <sup>(2)</sup>	<u>Percentage of Total Accounts</u>	<u>Receivables Outstanding</u>	<u>Percentage of Total Receivables</u>
Current .....	10,085,056	99.18%	\$10,782,423,960	95.06%
1 day to 30 days .....	60,021	0.59%	361,487,893	3.19%
31 days to 60 days.....	12,706	0.12%	83,686,643	0.74%
61 days to 90 days.....	5,555	0.05%	48,116,402	0.42%
91 days to 120 days.....	3,133	0.03%	30,822,605	0.27%
121 days to 150 days.....	1,918	0.02%	19,300,793	0.17%
151 days to 180 days.....	1,508	0.01%	16,640,805	0.15%
Totals .....	<u>10,169,897</u>	<u>100.00%</u>	<u>\$11,342,479,101</u>	<u>100.00%</u>

As at December 31, 2017

<u>Days Delinquent</u> <sup>(1)</sup>	<u>Number of Accounts</u> <sup>(2)</sup>	<u>Percentage of Total Accounts</u>	<u>Receivables Outstanding</u>	<u>Percentage of Total Receivables</u>
Current .....	9,755,906	98.99%	\$10,970,197,058	94.75%
1 day to 30 days .....	70,255	0.71%	390,418,698	3.37%
31 days to 60 days.....	15,005	0.15%	88,091,241	0.76%
61 days to 90 days.....	6,182	0.06%	48,588,275	0.42%
91 days to 120 days.....	3,847	0.04%	35,231,082	0.30%
121 days to 150 days.....	2,628	0.03%	25,505,670	0.22%
151 days to 180 days.....	1,843	0.02%	19,808,425	0.18%
Totals .....	<u>9,855,666</u>	<u>100.00%</u>	<u>\$11,577,840,449</u>	<u>100.00%</u>

As at December 31, 2016

<u>Days Delinquent</u> <sup>(1)</sup>	<u>Number of Accounts</u> <sup>(2)</sup>	<u>Percentage of Total Accounts</u>	<u>Receivables Outstanding</u>	<u>Percentage of Total Receivables</u>
Current .....	9,395,765	98.84%	\$11,014,894,398	94.72%
1 day to 30 days .....	75,702	0.80%	388,963,011	3.34%
31 days to 60 days.....	17,020	0.18%	91,353,668	0.79%
61 days to 90 days.....	7,505	0.08%	53,108,407	0.46%
91 days to 120 days.....	4,813	0.05%	37,639,824	0.32%
121 days to 150 days.....	2,737	0.03%	24,132,966	0.21%
151 days to 180 days.....	2,052	0.02%	18,814,658	0.16%
Totals .....	<u>9,505,594</u>	<u>100.00%</u>	<u>\$11,628,906,932</u>	<u>100.00%</u>

(1) Delinquency status as of statement date.

(2) The number of Accounts includes replacement cards issued as a result of loss, theft or fraudulent activities and cards issued as a result of product transfers but excludes cards that have been written-off.

*Revenue Experience*

The revenue experience in the following table is presented before deduction for write-offs. Revenues from Finance Charge Receivables on both a billed and a cash basis will be affected by numerous factors, including the periodic finance charge on the Account Assets, the amount of any annual or membership fees, other fees paid by cardholders, and the percentage of cardholders who pay off their balances in full each month and do not incur periodic finance charges on purchases.

**Revenue Experience for the Accounts**  
(unaudited)

	<u>Year Ended</u> <u>December 31, 2018</u>	<u>Year Ended</u> <u>December 31, 2017</u>	<u>Year Ended</u> <u>December 31, 2016</u>
Revenue .....			
Interest Earned .....	\$1,398,096,791	\$1,391,550,575	\$1,410,388,040
Fees .....	\$1,148,537,436	\$1,142,538,716	\$1,138,674,999
Average Pool Balance <sup>(1)</sup>	\$11,104,635,225	\$11,182,952,439	\$11,243,136,886
Average Revenue Yield <sup>(2)</sup> .....	22.93%	22.66%	22.68%

(1) Average Pool Balance is the average of the beginning balance for the number of Determination Periods in the period.

(2) Average Revenue Yield is the average of the monthly annualized Revenue as a Percentage of Beginning Pool Balance for the number of Determination Periods in the period.

The revenues for the Accounts shown in the table above are attributable to (a) periodic finance charges and annual and other fees billed to cardholders, and (b) applicable Interchange Fees and any other fees or amounts which are designated by the Seller by notice to the Custodian from time to time. The revenues related to periodic finance charges and fees (other than annual and membership fees) depend in part upon the collective preference of cardholders to use their credit cards to finance purchases and/or receive cash advances over time rather than for convenience use (where the cardholders pay off their entire balance each month, thereby avoiding periodic finance charges). Revenues also depend in part on the cardholders' use of other services offered by RBC for a fee. Accordingly, revenues will be affected by future changes in the types of charges and fees assessed on the Accounts, the respective percentages of the Receivables balances of the various types of Accounts, and the types of Accounts under which the Receivables arise.

“**Collections**” means all payments (including Recoveries and insurance proceeds) received by the Servicer from or on behalf of any Obligor in respect of Receivables and from the Seller in respect of Interchange Fees, and, in respect of any period of days, means all such amounts received by the Servicer during such period and, in respect of any Business Day, means all such amounts received by the Servicer before the close of business on such day and after the close of business on the immediately preceding Business Day.

“**Finance Charge Receivables**” means, with respect to an Account, (A) any Receivable billed to a cardholder under the related Credit Card Agreement in respect of: (i) periodic credit or other finance charges; (ii) membership fees, if any; (iii) cash advance fees; (iv) service and transaction fees; and (v) administrative fees and late charges; and (B) (a) applicable Interchange Fees; and (b) any other fees or amounts with respect to the Account other than Principal Receivables which are designated by the Seller by notice to the Custodian from time to time to be included as Finance Charge Receivables.

## *Interchange*

The Seller receives Interchange Fees from financial institutions for clearing transactions arising under the Accounts and as compensation for assuming credit risk and funding receivables for a limited period of time prior to initial billing. The Seller will Transfer to the Custodian on a daily basis the Interchange Fees, representing the aggregate amount of fees paid or payable to the Seller on such day in respect of all Visa Accounts, Mastercard Accounts and other Specified Account Designation Accounts from other financial institutions that clear such credit card transactions for merchants after netting or set-off occurs. The Seller may, from time to time, in its sole discretion, voluntarily increase or decrease the rate used to calculate amounts receivable or payable in respect of Interchange Fees. The Account Assets include the then applicable Interchange Fees.

**“Interchange Fees”** means, in respect of a day, the aggregate of Mastercard Interchange Fees, Visa Interchange Fees and Other Interchange Fees in respect of such day, in each case as the basis for calculating the same may be adjusted from time to time in accordance with the Pooling and Servicing Agreement.

**“Mastercard Interchange Fees”** means, in respect of a day, the aggregate amount of fees paid or payable to the Seller on such day in respect of all Mastercard Accounts from other financial institutions that clear Mastercard transactions for merchants after any netting or set-off occurs; as the basis for calculating the same may be adjusted from time to time in accordance with the Pooling and Servicing Agreement.

**“Visa Interchange Fees”** means, in respect of a day, the aggregate amount of fees paid or payable to the Seller on such day in respect of all Visa Accounts from other financial institutions that clear Visa transactions for merchants after any netting or set-off occurs; as the basis for calculating the same may be adjusted from time to time in accordance with the Pooling and Servicing Agreement.

**“Other Interchange Fees”** means, in respect of a day, the aggregate amount of fees paid or payable to the Seller on such day in respect of all other Specified Account Designation Accounts (other than Visa and Mastercard) from other financial institutions that clear such credit card transactions for merchants after any netting or set-off occurs; as the basis for calculating the same may be adjusted from time to time in accordance with the Pooling and Servicing Agreement.

**“Specified Account Designation”** shall mean each of (i) Visa, (ii) Mastercard, and (iii) one or more other designations relating to credit card accounts specified by the Seller in writing for which the Rating Agency Condition is satisfied in respect of each such other designation’s inclusion as a Specified Account Designation, or, in the case of S&P where it is a Rating Agency with respect to a series of Ownership Interest, a class of Ownership Interest or Related Securities, the Seller has provided at least 10 days prior written notice to S&P of such other designation’s inclusion as a Specified Account Designation.

## *Cardholder Monthly Payment Rates for the Accounts*

The following table sets forth the highest and lowest cardholder monthly payment rates for all months during the periods shown, in each case, calculated as a percentage of the account balances at the beginning of each month during the period. Monthly payment rates on the Account Assets may vary due to, among other things, the availability of other sources of credit, general economic conditions, consumer spending and borrowing patterns and the terms of the Accounts (which are subject to change by RBC) and marketing programs of RBC.

**Cardholder Monthly Payment Rates for the Accounts**  
 (% of Pool Balance)<sup>(1)(2)</sup>  
 (unaudited)

	<u>Year Ended December 31, 2018</u>	<u>Year Ended December 31, 2017</u>	<u>Year Ended December 31, 2016</u>
Lowest Month	42.92%	41.73%	44.93%
Highest Month	54.70%	54.23%	51.71%
Average	50.49%	49.31%	48.39%

(1) Pool Balance as at the beginning of each month during the period.

(2) Payment ratios are calculated as a percentage of the previous Determination Period's ending Pool Balance.

**The Accounts**

*General*

The Account Assets relate to Seller Credit Card Accounts established by RBC in each year from 1967 to and including 2013, subject to certain exclusions.

The information in the tables above entitled "Loss Experience for the Accounts", "Delinquencies as a Percentage of the Accounts", "Revenue Experience for the Accounts" and "Cardholder Monthly Payment Rates for the Accounts" relates to the historical Accounts. If the mix of Account Assets changes, the loss, revenue and delinquency experience of the Accounts may be different from that set forth in the tables referred to above.

The Principal Receivables balances of Written-Off Accounts will be subtracted from the aggregate outstanding balance of all Principal Receivables owing under the Accounts on any date for the purpose of calculating the Pool Balance. Collections, however, include any Collections in respect of such Written-Off Accounts ("**Recoveries**").

The Seller has represented and warranted to the Trust that the Accounts met the eligibility requirements set forth in the Pooling and Servicing Agreement as of the Cut-Off Date or Addition Cut-Off Date, as applicable, on which they became Accounts. There can be no assurance, however, that all of the Accounts will continue to meet eligibility requirements.

Subject to certain conditions, the Seller may Transfer to the Trust undivided co-ownership interests in receivables arising in Eligible Accounts, other than the Accounts, including Participations. Such receivables and the related credit card account may not be originated or collected in the same manner as the Accounts described below and may differ with respect to loss, delinquency, revenue and payment experience. Such receivables and the related credit card accounts may also have different terms than those described below, including lower periodic finance charges. Consequently, the Transfer to the Trust of the undivided co-ownership interests in receivables arising in such credit card accounts could have the effect of reducing the average portfolio yield. In addition, actual loss and delinquency, revenue and monthly payment rate experience with respect to such receivables and account assets may be materially different from such experience for the portfolio of Account Assets described herein.

As at December 31, 2018, the aggregate receivables outstanding was approximately \$11.3 billion and there were 10,169,897 Accounts which had an average balance of approximately \$1,115 and an average credit limit of approximately \$6,953. The average Account balance as a percentage of the average credit limit with respect to the Accounts was approximately 16%.

The following tables summarize the Accounts by various criteria as at December 31, 2018. References to “Receivables Outstanding” in the following tables mean Account Assets. These tables are not necessarily indicative of the future composition of the Account Assets.

**Composition of Accounts by Account Balance**  
(as at December 31, 2018)  
(unaudited)

<u>Account Balance</u>	<u>Number of Accounts<sup>(1)</sup></u>	<u>Percentage of Total Accounts</u>	<u>Receivables Outstanding</u>	<u>Percentage of Total Receivables</u>
Credit or zero Balance .....	7,602,385	74.75%	\$ -59,253,745	-0.52%
\$.01 to \$500 .....	708,301	6.96%	130,157,570	1.15%
\$500.01 to \$1,000 .....	300,413	2.95%	220,864,899	1.95%
\$1,000.01 to \$3,000 .....	577,124	5.67%	1,070,630,569	9.44%
\$3,000.01 to \$5,000 .....	291,244	2.86%	1,146,087,016	10.10%
\$5,000.01 to \$10,000 .....	338,407	3.33%	2,431,599,540	21.44%
\$10,000.01 to \$12,500 .....	83,135	0.82%	927,146,241	8.17%
\$12,500.01 to \$15,000 .....	67,232	0.66%	923,254,492	8.14%
\$15,000.01 to \$20,000 .....	94,401	0.93%	1,640,696,530	14.47%
\$20,000.01 to \$25,000 .....	55,399	0.54%	1,237,063,645	10.91%
Over \$25,000.....	51,856	0.53%	1,674,232,344	14.75%
<b>Totals .....</b>	<b><u>10,169,897</u></b>	<b><u>100.00%</u></b>	<b><u>\$11,342,479,101</u></b>	<b><u>100.00%</u></b>

(1) The number of Accounts includes replacement cards issued as a result of loss, theft or fraudulent activities and cards issued as a result of product transfers but excludes cards that have been written-off.

**Composition of Accounts by Credit Limit**  
(as at December 31, 2018)  
(unaudited)

<u>Credit Limit</u>	<u>Number of Accounts<sup>(1)</sup></u>	<u>Percentage of Total Accounts</u>	<u>Receivables Outstanding</u>	<u>Percentage of Total Receivables</u>
Less than or equal to \$500 .....	78,245	0.77%	\$ 870,215	0.01%
\$501 to \$1,000 .....	350,464	3.45%	24,827,905	0.22%
\$1,001 to \$3,000 .....	989,634	9.73%	180,193,141	1.59%
\$3,001 to \$5,000 .....	1,335,725	13.13%	493,988,084	4.36%
\$5,001 to \$10,000 .....	2,280,514	22.43%	1,507,745,455	13.28%
\$10,001 to \$12,500 .....	762,329	7.50%	589,762,152	5.20%
\$12,501 to \$15,000 .....	968,510	9.52%	1,083,149,818	9.55%
\$15,001 to \$17,500 .....	716,911	7.05%	809,787,273	7.14%
\$17,501 to \$20,000 .....	810,813	7.97%	1,253,969,957	11.06%
\$20,001 to \$24,999 .....	1,061,649	10.44%	2,005,624,163	17.68%
\$25,000 and Over.....	815,103	8.01%	3,392,560,938	29.91%
<b>Totals .....</b>	<b>10,169,897</b>	<b>100.00%</b>	<b>\$11,342,479,101</b>	<b>100.00%</b>

(1) The number of Accounts includes replacement cards issued as a result of loss, theft or fraudulent activities and cards issued as a result of product transfers but excludes cards that have been written-off.

**Composition of Accounts by Age**  
(as at December 31, 2018)  
(unaudited)

<u>Age of Portfolio<sup>(1)</sup></u>	<u>Number of Accounts<sup>(2)</sup></u>	<u>Percentage of Total Accounts</u>	<u>Receivables Outstanding</u>	<u>Percentage of Total Receivables</u>
3 years and under .....	49	0.00%	\$136,460	0.00%
Over 3 years to 4 years.....	92	0.00%	202,313	0.00%
Over 4 years to 5 years.....	28	0.00%	84,335	0.00%
Over 5 years to 6 years.....	384,552	3.78%	778,491,144	6.86%
Over 6 years to 7 years.....	346,844	3.41%	732,634,772	6.46%
Over 7 years to 8 years.....	352,214	3.46%	619,453,877	5.46%
Over 8 years to 9 years.....	317,349	3.12%	544,044,550	4.80%
Over 9 years to 10 years.....	365,827	3.60%	573,245,171	5.05%
Over 10 years to 15 years.....	1,648,959	16.21%	2,865,086,319	25.26%
Over 15 years to 20 years.....	1,629,618	16.02%	1,810,522,803	15.96%
Over 20 years to 25 years.....	1,992,203	19.60%	1,565,185,055	13.81%
Over 25 years to 30 years.....	1,102,256	10.84%	766,380,449	6.76%
Over 30 years to 35 years.....	810,279	7.97%	530,136,976	4.67%
Over 35 years .....	1,219,627	11.99%	556,874,877	4.91%
<b>Totals .....</b>	<b>10,169,897</b>	<b>100.00%</b>	<b>\$11,342,479,101</b>	<b>100.00%</b>

(1) Age of Portfolio is based on the opening date for the Accounts.

(2) The number of Accounts includes replacement cards issued as a result of loss, theft or fraudulent activities and cards issued as a result of product transfers but excludes cards that have been written-off.

**Composition of Accounts by Geographic Distribution**  
(as at December 31, 2018)  
(unaudited)

<u>Jurisdiction</u>	<u>Number of Accounts<sup>(1)</sup></u>	<u>Percentage of Total Accounts</u>	<u>Receivables Outstanding</u>	<u>Percentage of Total Receivables</u>
British Columbia.....	2,012,832	19.79 %	\$2,075,875,600	18.30 %
Alberta .....	1,320,774	12.99 %	1,834,148,703	16.17 %
Saskatchewan.....	313,134	3.08 %	447,284,458	3.94 %
Manitoba .....	377,998	3.72 %	470,394,379	4.15 %
Ontario .....	3,856,017	37.92 %	4,164,139,431	36.71 %
Quebec .....	1,513,223	14.88 %	1,457,973,005	12.85 %
New Brunswick.....	179,321	1.76 %	208,032,154	1.83 %
Nova Scotia.....	341,200	3.35 %	411,401,707	3.63 %
Prince Edward Island.....	32,584	0.32 %	39,860,236	0.35 %
Newfoundland and Labrador .....	99,798	0.98%	150,556,444	1.33 %
Yukon.....	14,315	0.14%	19,830,958	0.17 %
Northwest Territories <sup>(2)</sup> .....	17,359	0.17%	32,263,395	0.28 %
Other <sup>(3)</sup> .....	91,342	0.90%	30,718,631	0.29 %
<b>Totals .....</b>	<b>10,169,897</b>	<b>100.00%</b>	<b>\$11,342,479,101</b>	<b>100.00%</b>

(1) The number of Accounts includes replacement cards issued as a result of loss, theft or fraudulent activities and cards issued as a result of product transfers but excludes cards that have been written-off.

(2) Includes Nunavut.

(3) This category is in respect of those Accounts for which the Obligor's statement address at the time of determination of eligibility was in one of the provinces or territories of Canada and such Obligor currently resides outside Canada.

### *Billing and Payments*

The Accounts have various billing and payment structures, including varying periodic finance charges and fees. The following is information on the current billing and payment characteristics of the Accounts.

Monthly billing statements are sent by the Seller to cardholders at the end of the billing period. Each month, the cardholder must make a minimum payment equal to the greater of (a) \$10 plus the outstanding periodic finance charges and (b) the amount by which the then current balance exceeds the authorized credit limit. A balance of \$10 or less must be paid in full. The full amount of any unpaid minimum payment required in respect of preceding monthly billing statements, will also be added to the minimum payment.

A periodic finance charge is assessed on Accounts at the annual interest rates specified at the time each Account is opened and from time to time thereafter in the monthly billing statements relating to such Account. Periodic finance charges and fees are charged on balances for purchases, cash advances and fees starting from the transaction date until the date the payment is received. No interest is assessed on purchases and fees as long as the total new balance which is owed for the month is paid in full by the payment due date, and for small business credit cards only, the total new balance for the previous month was also paid in full by that month's statement's payment due date. The periodic finance charges for any month are calculated on a daily basis by multiplying each daily periodic finance charge bearing closing balance by the equivalent daily rate for the applicable annual rate. The average periodic finance charge on the Accounts relating to cash advances and purchases of goods and services was 18% per annum for the month of December 2018 (excluding introductory interest rates). The Seller may change the periodic finance charge on the various types of Accounts at any time by not less than 30 days' written notice to the cardholders. The Seller may assess an annual or membership fee that varies depending on the features of the Account.



Payments by cardholders to the Servicer on the Accounts are processed and applied first to the minimum payment, then to any remaining balance. If the different amounts that make up the remaining balance are subject to different interest rates, the payments are generally allocated on a pro rata basis.

There can be no assurance that fees and other charges will remain at current levels.

*FICO Scores*

The following table sets forth the composition of the Accounts as at December 31, 2018 by FICO score ranges. To the extent available, FICO scores calculated by TransUnion or Equifax are obtained at origination and by TransUnion, quarterly thereafter. A FICO score is a measurement that uses information collected by the major Canadian credit bureaus to assess consumer credit risk. FICO scores rank-order consumers according to the likelihood that their credit obligations will not be paid in accordance with the terms of their accounts. Although TransUnion and Equifax disclose only limited information about the variables they use to assess credit risk, those variables likely include, but are not limited to, debt level, credit experience, payment patterns (including delinquency history), and level of utilization of available credit. An individual's FICO score may change over time, depending on the conduct of the individual, including the individual's usage of his or her available credit, payment patterns and changes in credit score technology used by TransUnion and Equifax.

FICO scores are based on independent, third-party information, the accuracy of which the Trust cannot verify. The Seller does not use standardized credit scores, such as a FICO score, alone for the purpose of credit adjudication.

The information presented in the table below should not be used alone as a method of forecasting whether cardholders will make payments in accordance with the terms of their Credit Card Agreements. Since the future composition of the Accounts may change over time, the following table is not necessarily indicative of the composition of the Accounts at any specific time in the future.

**FICO Scores<sup>(1)(2)</sup>**  
(unaudited)

	<u>As at December 31, 2018</u>	
<u>FICO Scores</u>	<u>Percentage of Total Accounts</u>	<u>Percentage of Balance Outstanding</u>
760 and above .....	69.8%	40.7%
700 to 759 .....	14.5%	27.7%
660 to 699 .....	6.5%	15.3%
560 to 659 .....	5.8%	12.8%
Less than 560 or no score.....	3.4%	3.5%
	<hr/>	<hr/>
Totals .....	100.00%	100.00%
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(1) The Trust uses FICO scores provided by TransUnion.  
(2) Includes FICO score of small business owner where available for small business accounts.