Canadian Dollars unless otherwise specified

With respect to the Series set forth below Royal Bank of Canada ("RBC"), as Servicer (the "Servicer") under the Pooling and Servicing Agreement, dated as of October 30, 2009 (as amended and restated, the "Pooling and Servicing Agreement") between the 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, is required to prepare certain information each month regarding the distributions to the Noteholders and the performance of the custodial pool of credit card receivables during the previous month. Capitalized terms used herein are defined in the Trust Indenture, the Supplemental Indentures, the applicable Series Purchase Agreement, and the Pooling and Servicing Agreement. The information required to be prepared with respect to the Distribution Day and with respect to the performance of the custodial pool of credit card receivables during the month of the Determination Period that is set forth below and with respect to the payments, allocations and deposits made on the Distribution Day that is set forth below.

Outstanding Series on the Determination Day

Series 2016-4

Series 2017-4

Series 2018-4

Series 2021-1

Determination Day: 11/30/2021
Determination Period: November 2021

Number of Days in Determination Period: 30

Distribution Day: 12/15/2021

Prior Determination Period: October 2021

Canadian Dollars unless otherwise specified

### I. DEAL PARAMETERS

I. DEAL	PARAMETERS				
		Series 2016-4	Series 2017-4	Series 2018-4	Series 2021-1
		001100 2010 4	001100 2017 4	001100 2010 4	001100 2021 1
	Initial Note Balance in Original Currency				
	Class A	US\$400,000,000.00	US\$525,000,000.00	US\$600,000,000.00	US\$1,000,000,000.00
	Class B	\$24,401,069.00	\$31,988,503.00	\$38,016,577.00	US\$48,129,000.00
	Class C	\$10,844,920.00	\$14,217,112.00	\$16,896,257.00	US\$21,391,000.00
	Class C	ψ10,044,320.00	φ14,217,112.00	φ10,090,237.00	03421,391,000.00
	% (CAD)				
	Class A	93.5%	93.5%	93.5%	93.5%
	Class B	4.5%	4.5%	4.5%	4.5%
	Class C	2.0%	2.0%	2.0%	2.0%
	Swap Notional if applicable				
	Class A	\$507,000,000.00	\$664,650,000.00	\$789,900,000.00	\$1,260,000,000.00
	Class B	\$0.00	\$0.00	\$0.00	\$60,642,540.00
	Class C	\$0.00	\$0.00	\$0.00	\$26,952,660.00
	Note Course sets				
	Note Coupon rate	444.11405.1	41417 . 501	0.440000/	4.4400004
	Class A	1M Libor +105 bps	1M Libor + 52 bps	3.44000%	1.14000%
	Class B	3.17300%	2.93600%	3.21500%	1.44000%
	Class C	3.87300%	3.43600%	3.41500%	1.74000%
	Note Coupon Payment Frequency				
	Class A	Monthly	Monthly	Monthly	Monthly
	Class B	Semi-Annual	Semi-Annual	Semi-Annual	Monthly
		Semi-Annual	Semi-Annual	Semi-Annual	
	Class C	Semi-Annuai	Semi-Annuai	Semi-Annuai	Monthly
	Swap pay rate if applicable				
	Class A	2.18000%	2.20000%	3.05000%	1.41200%
	Class B	0.00000%	0.00000%	0.00000%	1.71400%
	Class C	0.00000%	0.00000%	0.00000%	2.01600%
	Series Issuance Date	04/28/2016	08/15/2017	09/17/2018	09/01/2021
	Expected Final Payment Date	04/18/2022	07/15/2022	08/15/2023	08/17/2026
	Prescription Date (legal final)	04/15/2024	07/15/2024	08/15/2025	08/15/2028
II. NOTE	PRINCIPAL				
<u> 11012</u>	- Timen 7se	Series 2016-4	Series 2017-4	Series 2018-4	Series 2021-1
			Series 2017-4	Series 2018-4	Series 2021-1
	Beginning Note Principal Amount in Original Cu				
	Class A	US\$400,000,000.00	US\$525,000,000.00	US\$600,000,000.00	US\$1,000,000,000.00
	Class B	\$24,401,069.00	\$31,988,503.00	\$38,016,577.00	US\$48,129,000.00
	Class C	\$10,844,920.00	\$14,217,112.00	\$16,896,257.00	US\$21,391,000.00
	Ending Note Principal Amount in Original Curre				
	Class A	US\$400,000,000.00	US\$525,000,000.00	US\$600,000,000.00	US\$1,000,000,000.00
	Class B	\$24,401,069.00	\$31,988,503.00	\$38,016,577.00	US\$48,129,000.00
	Class C	\$10,844,920.00	\$14,217,112.00	\$16,896,257.00	US\$21,391,000.00

Canadian Dollars unless otherwise specified

3 month average Test if >0 in compliance?

III. COLLATERAL AMOUNTS AND ALLOCATION PERCENTAGES				
	Series 2016-4	Series 2017-4	Series 2018-4	Series 2021-1
Remaining Months until Expected Final Payment Date	4	7	20	56
Beginning Invested Amount	\$542,245,989.00	\$710,855,615.00	\$844,812,834.00	\$1,347,595,200.00
Uncovered Loss & Deficiency	\$0.00	\$0.00	\$0.00	\$0.00
Deposit in reduction of Invested Amount	\$0.00	\$0.00	\$0.00	\$0.00
Ending Invested Amount Floating Allocation Percentage	\$542,245,989.00 5.75%	\$710,855,615.00 7.54%	\$844,812,834.00 8.96%	\$1,347,595,200.00 14.30%
Series Share	5.75%	7.54% 7.54%	8.96%	14.30%
Series Allocation Percentage	15.74%	20.63%	24.52%	39.11%
IV. SERIES ACCOUNT BALANCES				
	Series 2016-4	Series 2017-4	Series 2018-4	Series 2021-1
1) Distribution Account	*4 ***	24.040.44	*******	***
Beginning Balance	\$1,236.68 \$1,945,367.73	\$1,619.14 \$2,560,923.59	\$1,931.18	\$0.00 \$3,238,315.43
Deposit Withdraw	\$1,945,367.73 -\$1,945,229.14	\$2,560,923.59 -\$2,560,751.55	\$4,171,078.21 -\$4,170,873.76	-\$3,237,989.49
Ending Balance	\$1,375.27	\$1,791.18	\$2,135.63	\$325.94
Ending Bulance	ψ1,010.2.	ψ1,101110	Ψ2,100.00	<b>4020.0</b> 1
2) Reserve Account				
Begininng Balance	\$0.00	\$0.00	\$0.00	\$0.00
Deposit	\$0.00	\$0.00	\$0.00	\$0.00
Withdraw	\$0.00	\$0.00	\$0.00	\$0.00
Interest Income	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Ending Balance	φυ.υυ	\$0.00	\$0.00	\$0.00
V. KEY PORTFOLIO PERFORMANCE STATISTICS				
	Series 2016-4	Series 2017-4	Series 2018-4	Series 2021-1
Portfolio Yield	27.53%	27.53%	27.53%	27.53%
Yield on Eligible Investments Blended Coupon and Additional Funding Expenses	0.00% 2.26%	0.00% 2.26%	0.00% 3.07%	0.00% 1.44%
Net Written-off Percentage (net of Recoveries)	1.27%	1.27%	1.27%	1.27%
Net Written-on rescentage (net of Necovenes)	1.2770	1.27 /0	1.2770	1.27 /0
CEDIES EVOESS SPREAD W				
SERIES EXCESS SPREAD % Series Income Share	\$12,840,316.37	\$16,832,970.96	\$20,005,060.95	\$31,910,883.73
Funding Costs	\$1,020,553.08	\$1,337,482.62	\$2,157,573.37	\$1,614,498.23
Additional Funding Expenses	\$1,269.31	\$1,663.99	\$1,977.56	\$3,154.48
Series Pool Losses	\$974,899.80	\$1,278,041.72	\$1,518,882.35	\$2,422,830.81
Excess Series Income Share	\$10,843,594.18	\$14,215,782.63	\$16,326,627.67	\$27,870,400.21
Invested Amount	\$542,245,989.00	\$710,855,615.00	\$844,812,834.00	\$1,347,595,200.00
Series Excess Spread % - Current Determination Period	24.00%	24.00%	23.19%	24.82%
Series Excess Spread % - Prior Determination Period	22.13%	22.13%	21.32%	22.95%
Series Excess Spread % - 2nd prior Determination Period Series Excess Spread % - 3 month average	20.03% 22.05%	20.03% 22.05%	19.22% 21.24%	20.18% 22.65%
Excess of Series Income Share over Funding Costs and other series allocable expenses				

\$9,060,019.60

\$11,877,617.85

\$13,547,863.01

\$23,188,146.86

### VI. POOL BALANCE, COLLECTIONS, & RETAINED INTEREST

DOOL DALANCE DOLL FORWARD.						Nu	umber of Accounts
POOL BALANCE ROLLFORWARD: (1) (2) (3) (4) (5) (6) (7) (8) (1)+(2)+(3)+(4)-(5)-(6)-(7)-(8)	Beginning Pool Balance Principal Receivables billed Miscellaneous debits & debit adjustments Principal Receivables balance in added Accounts at beginning of Determing Principal Receivables balance of Removed Accounts Total payments of Principal Receivables (net of Recoveries) Written-off Amounts in respect of Principal (i.e. charge-offs) Miscellaneous credits & credit adjustments Ending Pool Balance	nation Day				\$9,424,850,095.14 \$7,122,892,501.02 \$10,021,542.11 \$0.00 \$0.00 \$6,490,948,389.13 \$16,944,863.86 \$236,927,564.70 \$9,812,943,320.58	8,805,620 8,818,062
COLLECTIONS: (1) (2) (3) (1)+(2)+(3)	Recoveries Collections of Principal Receivables Collections of Finance Charge Receivables (net of Recoveries) Total Collections Monthly Payment Rate current Determination Period Total Collections net of Recoveries as % of Beginning Pool Balance)					\$6,948,453.58 \$6,490,948,389.13 \$216,230,803.51 \$6,714,127,646.22 71.24%	
	Monthly Payment Rate prior Determination Period Monthly Payment Rate second prior Determination Period Average latest three Determination Periods Test: Average Payment Rate > or = 10.00% In compliance? (Yes/No) If No, then Amortization Event					66.21% 61.55% 66.33% Yes	
	Portfolio Yield current Determination Period					27.53%	
	(Finance Charge Collections net of Recoveries as % of Beginning Pool Balance)						
	Portfolio Yield prior Determination Period Portfolio Yield second prior Determination Period Average latest three Determination Periods					25.53% 23.46% 25.51%	
DELINQUENCIES:		Total Receivables	% of Total Receivables	Number of Accounts	% of Accounts		
31-60 days delinquent 61-90 days delinquent 91-120 days delinquent 121-150 days delinquent > 150 days delinquent Total		\$61,160,346 \$41,172,077 \$23,361,602 \$15,392,467 \$11,198,056 \$152,284,548	0.62% 0.42% 0.24% 0.16% 0.11% 1.55%	8,079 4,488 2,451 1,599 846 17,463	0.09% 0.05% 0.03% 0.02% 0.01% 0.20%		

# Canadian Dollars unless otherwise specified

WRITTEN-OFF AMO Written-off Amounts ( Recoveries Net Written-off Amount Written-off percentage Recovery percentage Net Written-off percent Number of Written-off	i.e. charge-offs) nts e (annualized) (annualized) ntage (annualized)		\$16,944,863.86 \$6,948,453.58 \$9,996,410.28 2.16% 0.88% 1.27% 1,317
RETAINED INTERES	ST:		
(1)	Total Invested Amount		\$3,445,509,638.00
(2)	Required Pool Percentage		107%
(1)x(2)=(3)	Required Pool Balance		\$3,686,695,312.66
(4)			\$9,812,943,320.58
(4)/(1)=(5)	Pool Percentage		285%
	Test: Ending Pool Balance >= Required Pool Balance		
	In compliance? (Yes/No)		Yes
(1)	Pool Balance	100.00%	\$9,812,943,320.58
(2)	Total Invested Amount	35.11%	\$3,445,509,638.00
(1)-(2)	Retained Interest	64.89%	\$6,367,433,682.58
	NTION (REGULATION RR):		<b></b>
(1)	Retained Interest		\$6,367,433,682,58

(1)	Retained Interest	\$6,367,433,682.58
(2)	Aggregate Principal Amount of Notes (CAD Equivalent)	\$3,445,509,638.00
(1)/(2)=(3)	Seller's Interest Percentage	184.80%

# **REPURCHASE DEMAND ACTIVITY (Rule 15Ga-1):**

No Activity to Report

Most Recent Form ABS - 15G

Filed by: Royal Bank of Canada

CIK#: 0001000275

Filing Date: February 12, 2021

## VII. ALLOCATION OF FINANCE CHARGE COLLECTIONS

	Series 2016-4	Series 2017-4	Series 2018-4	Series 2021-1
Series Income Share (1)	\$12,840,316.37	\$16,832,970.96	\$20,005,060.95	\$31,910,883.73
Maximum Series Entitlement (2)	\$1,021,822.39	\$1,339,146.61	\$2,159,550.93	\$1,617,652.71
Series Ownership Entitlement (3) = lesser (1) or (2)	\$1,021,822.39	\$1,339,146.61	\$2,159,550.93	\$1,617,652.71
Amount Deposited to Series Distribution Account	\$1,021,822.39	\$1,339,146.61	\$2,159,550.93	\$1,617,652.71
Cumulative Entitlement Deficiency = max (2-1, 0)	\$0.00	\$0.00	\$0.00	\$0.00
Excess Finance Charge Collection = max (1-2, 0)	\$11,818,493.98	\$15,493,824.35	\$17,845,510.02	\$30,293,231.02
Components of Maximum Series Entitlement				
Series Funding Costs:				
Class A	\$921,050.00	\$1,218,525.00	\$2,007,662.50	\$1,482,600.00
Class B	\$64,520.49	\$78,265.20	\$101,852.75	\$86,617.76
Class C	\$35,001.98	\$40,708.33	\$48,083.93	\$45,280.47
Less: Income from the Distribution Account	\$19.39	\$15.91	\$25.81	\$0.00
Series Additional Funding Expenses	\$1,269.31	\$1,663.99	\$1,977.56	\$3,154.48
Maximum Series Entitlement before Deficiency	\$1,021,822.39	\$1,339,146.61	\$2,159,550.93	\$1,617,652.71
	, , ,			
Uncovered prior Cumulative Entitlement Deficiency	\$0.00	\$0.00	\$0.00	\$0.00
Maximum Series Entitlement (2)	\$1,021,822.39	\$1,339,146.61	\$2,159,550.93	\$1,617,652.71
Excess Finance Charge Collection	\$11,818,493.98	\$15,493,824.35	\$17,845,510.02	\$30,293,231.02
Reserve Account Available Collections	\$10,843,594.18	\$14,215,782.63	\$16,326,627.67	\$27,870,400.21
Deposit to Series Reserve Account				
·		40.00	40.00	**
(a) During Pre-Accumulation Reserve Period	\$4,066,844.92	\$0.00	\$0.00	\$0.00
(b) Current Excess Spread % < Required	\$0.00	\$0.00	\$0.00	\$0.00
Series Excess Finance Charge Receivables Collections	\$7,751,649.06	\$15,493,824.35	\$17,845,510.02	\$30,293,231.02
Series Pre-Accumulation Reserve Start Date	12/15/2021	03/15/2022	04/15/2023	04/15/2026
Amount withdrawn from Reserve Account				
(a) On current Distribution Day	\$0.00	\$0.00	\$0.00	\$0.00
(b) On all prior Distribution Days	\$0.00	\$0.00	\$0.00	\$0.00
(c) Cumulative amounts withdrawn (4) = (a + b)	\$0.00	\$0.00	\$0.00	\$0.00
2% of Initial Invested Amount (5)	\$10,844,919.78	\$14,217,112.30	\$16,896,256.68	\$26,951,904.00
Test: (4) < (5) In compliance? (Yes/No)	Yes	Yes	Yes	Yes
If No, then Amortization Event				

		Series 2016-4	Series 2017-4	Series 2018-4	Series 2021-1
	Series Principal Collections	\$374,422,852.59	\$490,848,412.09	\$583,346,335.46	\$930,519,402.52
	Excess Requirements	\$0.00	\$0.00	\$0.00	\$0.00
	Sum of above (1)	\$374,422,852.59	\$490,848,412.09	\$583,346,335.46	\$930,519,402.52
	Invested Amount during Accumulation Period before deposit (2)	\$0.00	\$0.00	\$0.00	\$0.00
	Controlled Distribution Amount (3)	\$0.00	\$0.00	\$0.00	\$0.00
	Distribution Account Deposit (least of 1, 2, or 3)	\$0.00	\$0.00	\$0.00	\$0.00
	Available Excess Collections allocated	\$0.00	\$0.00	\$0.00	\$0.00
	Remaining balance remitted to Seller	\$374,422,852.59	\$490,848,412.09	\$583,346,335.46	\$930,519,402.52
X. APP	LICATION OF FUNDS IN DISTRIBUTION ACCOUNTS				
	·	Series 2016-4	Series 2017-4	Series 2018-4	Series 2021-1
	Revolving / Accumulation / Amortization Period	Revolving	Revolving	Revolving	Revolving
	Distribution Account Balance before payments	\$923,673.50	\$1,221,964.24	\$2,011,749.85	\$1,617,978.64
	Non-Distributed Amount	\$0.00	\$0.00	\$0.00	\$0.00
	Amount available for payments	\$923,673.50	\$1,221,964.24	\$2,011,749.85	\$1,617,978.64
	PAYMENT MADE IN ORDER PER SUPPLEMENTAL				
	Paid to Trustees	\$177.84	\$233.13	\$277.07	\$441.96
	Oliver A Overson and Overs Burnard	<b>***********</b>	<b>64 040 505 00</b>	<b>#0.007.000.50</b>	<b>\$4.400.000.00</b>
	Class A Coupon or Swap Payment	\$921,050.00	\$1,218,525.00	\$2,007,662.50	\$1,482,600.00
	Class A Principal or Swap Exchange Amount	\$0.00	\$0.00	\$0.00	\$0.00
	Class B Coupon or Swap Payment	\$0.00	\$0.00	\$0.00	\$86,617.76
	Class B Principal or Swap Exchange Amount	\$0.00	\$0.00	\$0.00	\$0.00
	Class C Coupon or Swap Payment	\$0.00	\$0.00	\$0.00	\$45,280.47
	Class C Principal or Swap Exchange Amount	\$0.00	\$0.00	\$0.00	\$0.00
	Paid to Subordinated Lender	\$0.00	\$0.00	\$0.00	\$0.00
	Certain Additional Funding Expenses	\$960.32	\$1,258.93	\$1,496.16	\$2,386.59
	Distribution Account Balance after payments	\$1,485.34	\$1,947.18	\$2,314.12	\$651.86
	Total coupon / swap payment due	\$921,050.00	\$1,218,525.00	\$2,007,662.50	\$1,614,498.23
	Total principal / swap exchange due	\$0.00	\$0.00	\$0.00	\$0.00
	Total Additional Funding Expenses due	\$1,269.31	\$1.663.99	\$1,977.56	\$3.154.48
	Total paid	\$922,188.16	\$1,220,017.06	\$2,009,435.73	\$1,617,326.78
		\$922,188.16 \$131.15	\$1,220,017.06	\$2,009,435.73	\$1,617,326.78
	Payable to Beneficiary	\$131.15	\$171.93	\$204.33	\$325.93
(. SUM	MARY OF NOTEHOLDER DISTRIBUTIONS				
		Series 2016-4	Series 2017-4	Series 2018-4	Series 2021-1
	Class A Note Rate	1.13950%	0.60950%	3.44000%	1.14000%
	Class B Note Rate	3.17300%	2.93600%	3.21500%	1.44000%
	Class C Note Rate	3.87300%	3.43600%	3.41500%	1.74000%
	Class A Coupon Payment	US\$379,833.33	US\$266,656.25	US\$1,720,000.00	US\$950,000.00
	Class A Principal Payment	US\$0.00	US\$0.00	US\$0.00	US\$0.00
	Class B Coupon Payment	\$0.00	\$0.00	\$0.00	US\$57,754.80
	Class B Principal Payment	\$0.00	\$0.00	\$0.00	US\$0.00
	Class C Coupon Payment	\$0.00	\$0.00	\$0.00	US\$31,016.95
	Class C Principal Payment	\$0.00	\$0.00	\$0.00	US\$0.00
	Class A Interest Factor	US\$0.94958	US\$0.50792	US\$2.86667	US\$0.95000
	Class B Interest Factor	\$0.00000	\$0.00000	\$0.00000	US\$1.20000
	Class C Interest Factor	\$0.00000	\$0.00000	\$0.00000	US\$1.45000
		*			