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.

Outstanding Series on the Determination Day

Series 2021-1

Series 2022-1

Series 2022-3

Series 2022-4

Series 2023-1

Determination Day: 12/31/2024

Determination Period: December 2024

Number of Days in Determination Period: 31

Distribution Day: 01/15/2025

Prior Determination Period: November 2024

Canadian Dollars unless otherwise specified

I. DEAL PARAMETERS

		Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
Initial N	ote Balance in Original Currency					
Class		US\$1,000,000,000.00	US\$500,000,000.00	US\$1,000,000,000.00	US\$800,000,000.00	US\$1,000,000,000.00
Class						
		US\$48,129,000.00	US\$24,064,000.00	00010,000,000.00	00001,021,000.00	
Class	C	US\$21,391,000.00	US\$10,696,000.00	US\$20,728,000.00 (2	US\$16,453,000.00	US\$21,250,000.00
% (CAD	n)					
% (CAL		93.5%	93.5%	93.5%	93.5%	93.5%
Class		4.5%				4.5%
			4.5%	4.5%	4.5%	
Class	C	2.0%	2.0%	2.0%	2.0%	2.0%
Swan N	lotional if applicable					
Class		\$1,260,000,000.00	\$635,900,000.00	\$1,315,000,000.00	\$1,044,000,000.00	\$1,348,100,000.00
Class		\$60,642,540.00	\$30,604,595.20	\$63,288,770.00	\$50,246,000.00	\$64,882,000.00
Class		\$26,952,660.00	\$13,603,172.80		\$22,332,000.00	
Class	C	\$26,952,660.00	\$13,003,172.80	\$28,128,342.00	\$22,332,000.00	\$28,837,000.00
Note Co	oupon rate					
Class	A	1.14000%	1.97000%	SOFR + 120 bps	4.31000%	SOFR + 120 bps
Class	В	1.44000%	2.36000%	6.86000%	6.77000%	6.35000%
Class		1.74000%	2.66000%	8.00000%	7.93000%	7.66000%
Class		1.7400070	2.0000070	0.000070	7.000070	7.0000070
	oupon Payment Frequency					
Class	A	Monthly	Monthly	Monthly	Monthly	Monthly
Class	В	Monthly	Monthly	Monthly	Monthly	Monthly
Class	С	Monthly	Monthly	Monthly	Monthly	Monthly
Swan n	ov rata if applicable					
	ay rate if applicable	4 440000/	0.000000/	4.400000/	4.400000/	4.000000/
Class		1.41200%	2.29000%	4.40000%	4.40600%	4.06200%
Class		1.71400%	2.66400%	5.79300%	5.51000%	5.57500%
Class	С	2.01600%	2.96400%	6.84300%	6.51000%	6.82500%
Series I	ssuance Date	09/01/2021	02/03/2022	07/22/2022	09/16/2022	04/14/2023
	ed Final Payment Date	08/17/2026	01/15/2027	07/16/2029	09/15/2025	04/17/2028
	otion Date (legal final)	08/15/2028	01/15/2029	07/15/2031	09/15/2027	04/15/2030
II. NOTE PRINCIPA	<u>AL</u>					
		Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
Beginni Class	ng Note Principal Amount in Original	Currency US\$1.000.000.000.00	US\$500.000.000.00	US\$1.000.000.000.00	US\$800.000.000.00	US\$1,000,000,000,00
Class Class		US\$48,129,000.00 US\$21,391,000.00	US\$24,064,000.00 US\$10,696,000.00	US\$46,639,000.00 US\$20,728,000.00	US\$37,027,000.00 US\$16,453,000.00	US\$47,813,000.00 US\$21,250,000.00
Ending	Note Principal Amount in Original Cu	rrency				
Class		US\$1,000,000,000.00	US\$500,000,000.00	US\$1,000,000,000.00	US\$800,000,000.00	US\$1,000,000,000.00
Class		US\$48,129,000.00	US\$24,064,000.00	US\$46,639,000.00	US\$37,027,000.00	US\$47,813,000.00
Class	=	US\$21,391,000.00	US\$10,696,000.00	US\$20,728,000.00	US\$16,453,000.00	US\$21,250,000.00
Notes:						

- Notes:
 (1) USD 46,639,000 Class B notes converted from CAD to USD and issued on December 15, 2023.
 (2) USD 20,728,000 Class C notes converted from CAD to USD and issued on December 15, 2023.
 (3) USD 37,027,000 Class B notes converted from CAD to USD and issued on December 15, 2023.
 (4) USD 16,453,000 Class C notes converted from CAD to USD and issued on December 15, 2023.
 (5) USD 47,813,000 Class B notes converted from CAD to USD and issued on December 15, 2023.

- (6) USD 21,250,000 Class C notes converted from CAD to USD and issued on December 15, 2023.

COLLATERAL AMOUNTS AND ALLOCATION PERCENTAGES	Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
Remaining Months until Expected Final Payment Date	19	24	54	8	39
Beginning Invested Amount	\$1,347,595,200.00	\$680,107,768.00	\$1,406,417,112.00	\$1,116,578,000.00	\$1,441,819,000.00
Uncovered Loss & Deficiency	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Deposit in reduction of Invested Amount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ending Invested Amount	\$1,347,595,200.00	\$680,107,768.00	\$1,406,417,112.00	\$1,116,578,000.00	\$1,441,819,000.00
Floating Allocation Percentage	9.71%	4.90%	10.13%	8.04%	10.39%
Series Share Series Allocation Percentage	9.71% 22.49%	4.90% 11.35%	10.13% 23.47%	8.04% 18.63%	10.39% 24.06%
SERIES ACCOUNT BALANCES					
	Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
1) Distribution Account					
Beginning Balance	\$2,650.53	\$1,575.26	\$4,477.08	\$3,548.41	\$4,403.72
Deposit	\$3,230,045.48	\$2,630,211.84	\$10,573,260.24	\$8,368,646.54	\$10,055,870.36
Withdraw	-\$3,230,443.48 \$2,252.53	-\$2,630,595.12 \$1.191.98	-\$10,574,989.32	-\$8,370,014.61	-\$10,057,500.05 \$2,774.03
Ending Balance	\$2,252.53	\$1,191.98	\$2,748.00	\$2,180.34	\$2,774.03
2) Reserve Account					
Begininng Balance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Deposit	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Withdraw Interest Income	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00
Ending Balance	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00
EY PORTFOLIO PERFORMANCE STATISTICS	Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
Portfolio Yield	26.88%	26.88%	26.88%	26.88%	26.88%
Yield on Eligible Investments	0.00%	0.00%	0.00%	0.00%	0.00%
Blended Coupon and Additional Funding Expenses	1.45%	2.33%	4.52%	4.51%	4.20%
Net Written-off Percentage (net of Recoveries)	2.16%	2.16%	2.16%	2.16%	2.16%
SERIES EXCESS SPREAD %					
Series Income Share	\$30,688,365.95	\$15,487,882.45	\$32,027,899.05	\$25,427,483.17	\$32,834,095.21
Funding Costs	\$1,614,307.15	\$1,314,899.61	\$5,286,998.34	\$4,184,611.64	\$5,028,191.38
Additional Funding Expenses	\$13,211.46	\$6,667.59	\$13,788.13	\$10,946.62	\$14,135.20
Series Pool Losses	\$2,932,721.85	\$1,480,093.51	\$3,060,733.81	\$2,429,967.62	\$3,137,777.64
Excess Series Income Share	\$26,128,125.49	\$12,686,221.74	\$23,666,378.76	\$18,801,957.29	\$24,653,990.99
Invested Amount	\$1,347,595,200.00	\$680,107,768.00	\$1,406,417,112.00	\$1,116,578,000.00	\$1,441,819,000.00
Series Excess Spread % - Current Determination Period	23.27%	22.38%	20.19%	20.21%	20.52%
Series Excess Spread % - Prior Determination Period	24.48%	23.60%	21.41%	21.43%	21.74%
Series Excess Spread % - 2nd prior Determination Period Series Excess Spread % - 3 month average	24.42% 24.06%	23.54% 23.17%	21.35% 20.98%	21.36% 21.00%	21.67% 21.31%
Excess of Series Income Share over Funding Costs and other series allocable expenses					
0 "	404 === :== = :	0.00.000	****	A 17 A	****
3 month average	\$24,770,158.71	\$12,000,983.66	\$22,249,886.56	\$17,677,377.85	\$23,201,761.80
Test if >0 in compliance?	Yes	Yes	Yes	Yes	Yes



VI. POOL BALANCE, COLLECTIONS, & RETAINED INTEREST

POOL BALANCE ROLLFORWARD:						Nu	iliber of Accounts
(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 Determina 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	ation Day				\$13,881,401,760.40 \$9,193,530,894.17 \$12,525,663.67 \$0.00 \$0.00 \$8,679,885,931.68 \$30,209,583.89 \$313,048,875.88 \$14,064,313,926.79	9,893,454 9,917,335
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 Collections net of Recoveries as % of Beginning Pool Balance)					\$5,195,253.73 \$8,679,885,931.68 \$310,921,586.90 \$8,996,002,772.31 64.81%	
	Monthly Payment Rate prior Determination Period					65.71%	
	Monthly Payment Rate second prior Determination Period					67.71%	
	Average latest three Determination Periods Test: Average Payment Rate > or = 10.00%					66.08%	
	In compliance? (Yes/No) If No, then Amortization Event					Yes	
	Portfolio Yield current Determination Period					26.88%	
(Final	nce Charge Collections net of Recoveries as % of Beginning Pool Balance)						
	Portfolio Yield prior Determination Period					28.69%	
	Portfolio Yield second prior Determination Period					28.44%	
	Average latest three Determination Periods					28.00%	
DELINQUENCIES:		Total Receivables	% of Total Receivables	Number of Accounts	% of Accounts		
31-60 days delinquent		\$119,586,64	5 0.84%	14,953	0.15%		
61 00 days delinguent		¢70 771 71	7 0.560/	7 905	0.000/		

\$79,771,717

\$51,118,484

\$30,493,336

\$23,123,670

\$304,093,852

0.56%

0.36%

0.22%

0.16%

2.14%

7,895

4,449

2,699

1,780

31,776

0.08%

0.04%

0.03%

0.02%

0.32%

Number of Accounts

Total Notes:

61-90 days delinquent

91-120 days delinquent

> 150 days delinquent

121-150 days delinquent

Approximately \$1.7 billion of Principal Receivables were added to the custodial pool on November 5, 2024. The related Principal and Finance Charge Collections for the additional receivables from the Addition Date are included in the ratios above.

Canadian Dollars unless otherwise specified

WRITTEN-OFF AMOUN Written-off Amounts (i.e. Recoveries Net Written-off Amounts Written-off percentage (ar Recovery percentage (ar Net Written-off percentage Number of Written-off Ac	charge-offs) annualized) nnualized) ge (annualized)		\$30,209,583.89 \$5,195,253.73 \$25,014,330.16 2.61% 0.45% 2.16% 2,098
RETAINED INTEREST:			
(1)	Total Invested Amount		\$5,992,517,080.00
(2)	Required Pool Percentage		107%
(1)x(2)=(3)	Required Pool Balance		\$6,411,993,275.60
(4)	·		\$14,064,313,926.79
(4)/(1)=(5)	Pool Percentage		235%
	Test: Ending Pool Balance >= Required Pool Balance		
	In compliance? (Yes/No)		Yes
(1)	Pool Balance	100.00%	\$14,064,313,926.79
(2)	Total Invested Amount	42.61%	\$5,992,517,080.00
(1)-(2)	Retained Interest	57.39%	\$8,071,796,846.79

CREDIT RISK RETENTION (REGULATION RR):

(1)	Retained Interest	\$8,071,796,846.79
(2)	Aggregate Principal Amount of Notes (CAD Equivalent)	\$5,992,517,080.00
(1)/(2)=(3)	Seller's Interest Percentage	134.70%

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 13, 2024

VII. ALLOCATION OF FINANCE CHARGE COLLECTIONS

	Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
Series Income Share (1)	\$30,688,365.95	\$15,487,882.45	\$32,027,899.05	\$25,427,483.17	\$32,834,095.21
Maximum Series Entitlement (2)	\$1,627,518.61	\$1,321,567.20	\$5,300,786.48	\$4,195,558.26	\$5,042,326.58
Series Ownership Entitlement (3) = lesser (1) or (2)	\$1,627,518.61	\$1,321,567.20	\$5,300,786.48	\$4,195,558.26	\$5,042,326.58
Amount Deposited to Series Distribution Account	\$1,627,518.61	\$1,321,567.20 \$1,321,567.20	\$5,300,786.48 \$5,300,786.48	\$4,195,558.26	\$5,042,326.58
Cumulative Entitlement Deficiency = max (2-1, 0)	\$0.00	\$0.00	\$0.00	\$0.00	\$5,042,320.36
Excess Finance Charge Collection = max (1-2, 0)	\$29,060,847.34	\$14,166,315.25	\$26,727,112.57	\$21,231,924.91	\$27,791,768.63
Components of Maximum Series Entitlement					
Series Funding Costs:					
Class A	\$1,482,600.00	\$1,213,509.17	\$4,821,666.67	\$3,833,220.00	\$4,563,318.50
Class B	\$86,617.76	\$67,942.20	\$305,526.54	\$230,712.88	\$301,430.96
Class C	\$45,280.47	\$33,599.84	\$160,401.87	\$121,151.10	\$164,010.44
Less: Income from the Distribution Account	\$191.08	\$151.60	\$596.73	\$472.34	\$568.52
Series Additional Funding Expenses	\$13,211.46	\$6,667.59	\$13,788.13	\$10,946.62	\$14,135.20
Maximum Series Entitlement before Deficiency	\$1,627,518.61	\$1,321,567.20	\$5,300,786.48	\$4,195,558.26	\$5,042,326.58
Uncovered prior Cumulative Entitlement Deficiency	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Maximum Series Entitlement (2)	\$1,627,518.61	\$1,321,567.20	\$5,300,786.48	\$4,195,558.26	\$5,042,326.58
Excess Finance Charge Collection	\$29,060,847.34	\$14,166,315.25	\$26,727,112.57	\$21,231,924.91	\$27,791,768.63
Reserve Account Available Collections	\$26,128,125.49	\$12,686,221.74	\$23,666,378.76	\$18,801,957.29	\$24,653,990.99
Deposit to Series Reserve Account					
·					
(a) During Pre-Accumulation Reserve Period	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(b) Current Excess Spread % < Required	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Series Excess Finance Charge Receivables Collections	\$29,060,847.34	\$14,166,315.25	\$26,727,112.57	\$21,231,924.91	\$27,791,768.63
Series Pre-Accumulation Reserve Start Date	04/15/2026	09/15/2026	03/15/2029	05/15/2025	12/15/2027
Amount withdrawn from Reserve Account					
(a) On current Distribution Day	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(b) On all prior Distribution Days	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(c) Cumulative amounts withdrawn (4) = (a + b)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2% of Initial Invested Amount (5)	\$26,951,904.00	\$13,602,155.36	\$28,128,342.24	\$22,331,560.00	\$28,836,380.00
Test: (4) < (5) In compliance? (Yes/No) If No. then Amortization Event	Yes	Yes	Yes	Yes	Yes
,					

	Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
Series Principal Collections	\$845,569,017.39	\$426,743,900.43	\$882,477,698.79	\$700,613,778.71	\$904,691,142.51
Excess Requirements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sum of above (1)	\$845,569,017.39	\$426,743,900.43	\$882,477,698.79	\$700,613,778.71	\$904,691,142.51
Invested Amount during Accumulation Period before deposit (2) Controlled Distribution Amount (3)	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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	\$0.00
Available Excess Collections allocated	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Remaining balance remitted to Seller	\$845,569,017.39	\$426,743,900.43	\$882,477,698.79	\$700,613,778.71	\$904,691,142.51
IX. APPLICATION OF FUNDS IN DISTRIBUTION ACCOUNTS					
	Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
Revolving / Accumulation / Amortization Period	Revolving	Revolving	Revolving	Revolving	Revolving
Distribution Account Balance before payments	\$1,629,771.09	\$1,322,759.18	\$5,303,534.59	\$4,197,738.57	\$5,045,100.60
Non-Distributed Amount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount available for payments	\$1,629,771.09	\$1,322,759.18	\$5,303,534.59	\$4,197,738.57	\$5,045,100.60
PAYMENT MADE IN ORDER PER SUPPLEMENTAL					
Paid to Trustees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Class A Coupon or Swap Payment	\$1,482,600.00	\$1,213,509.17	\$4,821,666.67	\$3,833,220.00	\$4,563,318.50
Class A Principal or Swap Exchange Amount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Class B Coupon or Swap Payment	\$86,617.76	\$67,942.20	\$305,526.54	\$230,712.88	\$301,430.96
Class B Principal or Swap Exchange Amount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Class C Coupon or Swap Payment Class C Principal or Swap Exchange Amount	\$45,280.47 \$0.00	\$33,599.84 \$0.00	\$160,401.87 \$0.00	\$121,151.10 \$0.00	\$164,010.44 \$0.00
Class C Philicipal of Swap Exchange Amount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Paid to Subordinated Lender Certain Additional Funding Expenses	\$0.00 \$15,272.86	\$0.00 \$7,707.97	\$0.00 \$15,939.51	\$0.00 \$12,654.59	\$0.00 \$16,340.70
Distribution Account Balance after payments	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$5,287,595.08		
Total coupon / swap payment due	\$1,614,498.23	\$1,315,051.21	\$5,287,595.08	\$4,185,083.98	\$5,028,759.90
Total principal / swap exchange due	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Additional Funding Expenses due	\$13,211.46	\$6,667.59	\$13,788.13	\$10,946.62	\$14,135.20
Total paid	\$1,629,771.09	\$1,322,759.18	\$5,303,534.59	\$4,197,738.57	\$5,045,100.60
Payable to Beneficiary	\$187.40	\$94.58	\$195.58	\$155.27	\$200.50
X. SUMMARY OF NOTEHOLDER DISTRIBUTIONS					
	Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
Class A Note Rate	1.14000%	1.97000%	5.66074%	4.31000%	5.66074%
Class B Note Rate	1.44000%	2.36000%	6.86000%	6.77000%	6.35000%
Class C Note Rate	1.74000%	2.66000%	8.00000%	7.93000%	7.66000%
Class A Coupon Payment	US\$950,000.00	US\$820,833.33	US\$4,717,283.33	US\$2,873,333.33	US\$4,717,283.33
Class A Principal Payment	US\$0.00	US\$0.00	US\$0.00	US\$0.00	US\$0.00
Class B Coupon Payment Class B Principal Payment	US\$57,754.80 US\$0.00	US\$47,325.87 US\$0.00	US\$266,619.62 US\$0.00	US\$208,893.99 US\$0.00	US\$253,010.46 US\$0.00
Class C Coupon Payment	US\$31.016.95	US\$23.709.47	US\$138.186.67	US\$108.726.91	US\$135.645.83
Class C Principal Payment	US\$0.00	US\$0.00	US\$0.00	US\$0.00	US\$0.00
Class A Interest Factor	US\$0.95000	US\$1.64167	US\$4.71728	US\$3.59167	US\$4.71728
Class B Interest Factor	US\$1.20000	US\$1.96667	US\$5.71667	US\$5.64167	US\$5.29167
Class C Interest Factor	US\$1.45000	US\$2.21667	US\$6.66667	US\$6.60833	US\$6.38333

