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: 10/31/2024

Determination Period: October 2024

Number of Days in Determination Period: 31

Distribution Day: 11/15/2024

Prior Determination Period: September 2024

(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 B 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.

Canadian Dollars unless otherwise specified

I. DEAL PARAMETERS

		Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
	Initial Note Balance in Original Currency					
	Class A	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 B	US\$48,129,000.00	US\$24,064,000.00	US\$46,639,000.00	(1) US\$37,027,000.00	(3) US\$47,813,000.00
	Class C	US\$21,391,000.00	US\$10,696,000.00	US\$20,728,000.00	(2) US\$16,453,000.00	(4) US\$21,250,000.00
	Class C	03921,391,000.00	03410,090,000.00	03920,720,000.00	03\$10,433,000.00	03921,230,000.00
	% (CAD)					
	Class A	93.5%	93.5%	93.5%	93.5%	93.5%
	Class A Class B	4.5%	4.5%	4.5%	4.5%	4.5%
	Class C	2.0%	2.0%	2.0%	2.0%	2.0%
	Swap Notional if applicable					
	Class A	£4 000 000 000 00	#C2F 000 000 00	£4 245 000 000 00	£4 044 000 000 00	£4 240 400 000 00
		\$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 B	\$60,642,540.00	\$30,604,595.20	\$63,288,770.00	\$50,246,000.00	\$64,882,000.00
	Class C	\$26,952,660.00	\$13,603,172.80	\$28,128,342.00	\$22,332,000.00	\$28,837,000.00
	Note Coupon rate					
		4.440000/	4.070000/	COED : 400 b	4.240000/	COED + 400 b
	Class A	1.14000%	1.97000%	SOFR + 120 bps	4.31000%	SOFR + 120 bps
	Class B	1.44000%	2.36000%	6.86000%	6.77000%	6.35000%
	Class C	1.74000%	2.66000%	8.00000%	7.93000%	7.66000%
	Note Coupon Payment Frequency					
	Class A	Monthly	Monthly	Monthly	Monthly	Monthly
	Class A Class B	Monthly	Monthly	Monthly	Monthly	Monthly
		Monthly	Monthly	Monthly	Monthly	Monthly
	Class C	Monthly	Monthly	Monthly	Monthly	Monthly
	Swap pay rate if applicable					
	Class A	1.41200%	2.29000%	4.40000%	4.40600%	4.06200%
	Class B	1.71400%	2.66400%	5.79300%	5.51000%	5.57500%
	Class C	2.01600%				
	Class C	2.01000%	2.96400%	6.84300%	6.51000%	6.82500%
	Series Issuance Date	09/01/2021	02/03/2022	07/22/2022	09/16/2022	04/14/2023
	Expected Final Payment Date	08/17/2026	01/15/2027	07/16/2029	09/15/2025	04/17/2028
	Prescription Date (legal final)	08/15/2028	01/15/2027	07/15/2029	09/15/2027	04/17/2028
	Prescription Date (legal linal)	06/13/2026	01/15/2029	07/15/2031	09/13/2027	04/15/2030
II. NOTE	PRINCIPAL					
		0. 1	0. 1	0. 4	0. 4	0. 1
		Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
	Beginning Note Principal Amount in Original Cu	rrency				
	Class A	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 B	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 C	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
	Ending Note Principal Amount in Original Curre	ncy				
	Class A	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 B	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 C	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:					

Canadian Dollars unless otherwise specified

III. 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	21	26	56	10	41
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	11.09%	5.60%	11.58%	9.19%	11.87%
Series Share	11.09%	5.60%	11.58%	9.19%	11.87%
Series Allocation Percentage	22.49%	11.35%	23.47%	18.63%	24.06%
IV. SERIES ACCOUNT BALANCES					
	Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
1) Distribution Account					
Beginning Balance	\$1,718.77	\$932.99	\$2,265.85	\$1,797.28	\$2,271,57
Deposit	\$3,231,573.95	\$2,631,456.96	\$10,578,266.97	\$8,372,609.32	\$10,060,631.98
Withdraw	-\$3,231,000.44	-\$2,631,048.23	-\$10,576,809.41	-\$8,371,455.20	-\$10,059,231.18
Ending Balance	\$2,292.28	\$1,341.72	\$3,723.41	\$2,951.40	\$3,672.37
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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Interest Income	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ending Balance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
V. KEY PORTFOLIO PERFORMANCE STATISTICS					
	Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
Portfolio Yield	28.44%	28.44%	28.44%	28.44%	28.44%
Yield on Eligible Investments	0.00%	0.00%	0.00%	0.00%	0.00%
Blended Coupon and Additional Funding Expenses	1.44%	2.32%	4.51%	4.50%	4.19%
Net Written-off Percentage (net of Recoveries)	2.58%	2.58%	2.58%	2.58%	2.58%
SERIES EXCESS SPREAD %					
Series Income Share	\$32,729,795.55	\$16,518,156.35	\$34,158,436.10	\$27,118,952.09	\$35,018,261.50
Funding Costs	\$1,613,892.60	\$1,314,560.71	\$5,285,631.80	\$4,183,530.04	\$5,026,892.02
Additional Funding Expenses	\$5,284.47	\$2,666.99	\$5,515.14	\$4,378.56	\$5,653.96
Series Pool Losses	\$3,686,037.69	\$1,860,278.86	\$3,846,931.54	\$3,054,143.11	\$3,943,765.29
Excess Series Income Share	\$27,424,580.79	\$13,340,649.78	\$25,020,357.63	\$19,876,900.39	\$26,041,950.23
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	24.42%	23.54%	21.35%	21.36%	21.67%
Series Excess Spread % - Prior Determination Period	19.85%	18.97%	16.78%	16.79%	17.11%
Series Excess Spread % - 2nd prior Determination Period Series Excess Spread % - 3 month average	21.66% 21.98%	20.78% 21.10%	18.59% 18.91%	18.61% 18.92%	18.92% 19.23%
Excess of Series Income Share over Funding Costs and other series allocable expenses					
3 month average	\$22,437,234.98	\$10,823,589.43	\$19,815,071.57	\$15,744,337.85	\$20,705,664.99
3 month average Test if >0 in compliance?	\$22,437,234.98 Yes	\$10,823,589.43 Yes	\$19,815,071.57 Yes	\$15,744,337.85 Yes	\$20,705,664.99 Yes

VI. POOL BALANCE, COLLECTIONS, & RETAINED INTEREST

POOL BALANCE ROLLFORWARD:						Nur	mber 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 Determi 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	ination Day				\$12,148,527,810.41 \$8,111,311,268.86 \$12,947,594.37 \$0.00 \$0.00 \$7,930,476,452.30 \$33,229,512.35 \$270,062,238.78 \$12,039,018,470.21	9,161,462 9,193,853
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 tal Collections net of Recoveries as % of Beginning Pool Balance)					\$7,156,753.53 \$7,930,476,452.30 \$287,901,311.02 \$8,225,534,516.85 67.71%	
	Monthly Payment Rate prior Determination Period					55.24%	
	Monthly Payment Rate second prior Determination Period Average latest three Determination Periods					60.32% 61.09%	
	Test: Average Payment Rate > or = 10.00%						
	In compliance? (Yes/No) If No, then Amortization Event					Yes	
	Portfolio Yield current Determination Period					28.44%	
(Fi	nance 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					23.56% 25.42% 25.81%	
DELINQUENCIES:		Total Receivables	% of Total Receivables	Number of Accounts	% of Accounts		
31-60 days delinquent		\$99,551,485		10,982	0.12%		
61-90 days delinquent		\$67,547,445		6,078	0.07%		
91-120 days delinquent 121-150 days delinquent		\$43,987,080 \$27,517,403		3,673 2,327	0.04% 0.03%		
> 150 days delinquent		\$27,517,403 \$22,696,624		2,327 1,478	0.03% 0.02%		
Total	-	\$261,300,037		24,538	0.28%		
	=		-				

Canadian Dollars unless otherwise specified

WRITTEN-OFF AMOUNTEN-OFF AMOUNT	its (annualized) (annualized) (annualized)		\$33,229,512.35 \$7,156,753.53 \$26,072,758.82 3.28% 0.71% 2.58% 2,141
RETAINED INTERES			* = 000 = 1= 000 00
(1) (2)	Total Invested Amount Required Pool Percentage		\$5,992,517,080.00 107%
(1)x(2)=(3)	Required Pool Balance		\$6,411,993,275.60
(4)	rtoquilou r oor Balanoo		\$12,039,018,470.21
(4)/(1)=(5)	Pool Percentage		201%
	Test: Ending Pool Balance >= Required Pool Balance		
	In compliance? (Yes/No)		Yes
(1)	Pool Balance	100.00%	\$12,039,018,470.21
(2)	Total Invested Amount	49.78%	\$5,992,517,080.00
(1)-(2)	Retained Interest	50.22%	\$6,046,501,390.21
CREDIT RISK RETEN (1) (2)	ITION (REGULATION RR): Retained Interest Aggregate Principal Amount of Notes (CAD Equivalent)		\$6,046,501,390.21 \$5,992,517,080.00

100.90%

Aggregate Principal Amount of Notes (CAD Equivalent) Seller's Interest Percentage

REPURCHASE DEMAND ACTIVITY (Rule 15Ga-1):

No Activity to Report

(1)/(2)=(3)

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)	\$32,729,795.55	\$16,518,156.35	\$34,158,436.10	\$27,118,952.09	\$35,018,261.50
Maximum Series Entitlement (2) Series Ownership Entitlement (3) = lesser (1) or (2) Amount Deposited to Series Distribution Account Cumulative Entitlement Deficiency = max (2-1, 0) Excess Finance Charge Collection = max (1-2, 0)	\$1,619,177.07	\$1,317,227.70	\$5,291,146.94	\$4,187,908.60	\$5,032,545.98
	\$1,619,177.07	\$1,317,227.70	\$5,291,146.94	\$4,187,908.60	\$5,032,545.98
	\$1,619,177.07	\$1,317,227.70	\$5,291,146.94	\$4,187,908.60	\$5,032,545.98
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$31,110,618.48	\$15,200,928.65	\$28,867,289.16	\$22,931,043.49	\$29,985,715.52
Components of Maximum Series Entitlement					
Series Funding Costs: Class A Class B Class C	\$1,482,600.00	\$1,213,509.17	\$4,821,666.67	\$3,833,220.00	\$4,563,318.50
	\$86,617.76	\$67,942.20	\$305,526.54	\$230,712.88	\$301,430.96
	\$45,280.47	\$33,599.84	\$160,401.87	\$121,151.10	\$164,010.44
Less: Income from the Distribution Account	\$605.63	\$490.50	\$1,963.28	\$1,553.94	\$1,867.88
Series Additional Funding Expenses Maximum Series Entitlement before Deficiency	\$5,284.47	\$2,666.99	\$5,515.14	\$4,378.56	\$5,653.96
	\$1,619,177.07	\$1,317,227.70	\$5,291,146.94	\$4,187,908.60	\$5,032,545.98
Uncovered prior Cumulative Entitlement Deficiency Maximum Series Entitlement (2)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$1,619,177.07	\$1,317,227.70	\$5,291,146.94	\$4,187,908.60	\$5,032,545.98
Excess Finance Charge Collection Reserve Account Available Collections	\$31,110,618.48	\$15,200,928.65	\$28,867,289.16	\$22,931,043.49	\$29,985,715.52
	\$27,424,580.79	\$13,340,649.78	\$25,020,357.63	\$19,876,900.39	\$26,041,950.23
Deposit to Series Reserve Account					
(a) During Pre-Accumulation Reserve Period (b) Current Excess Spread % < Required Series Excess Finance Charge Receivables Collections	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$31,110,618.48	\$15,200,928.65	\$28,867,289.16	\$22,931,043.49	\$29,985,715.52
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 (b) On all prior Distribution Days (c) Cumulative amounts withdrawn (4) = (a + b) 2% of Initial Invested Amount (5) Test: (4) < (5) In compliance? (Yes/No) If No, then Amortization Event 	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$26,951,904.00	\$13,602,155.36	\$28,128,342.24	\$22,331,560.00	\$28,836,380.00
	Yes	Yes	Yes	Yes	Yes

Canadian Dollars unless otherwise specified

	Series 2021-1	Series 2022-1	Series 2022-3	Series 2022-4	Series 2023-1
Series Principal Collections	\$883,387,064.83	\$445,830,000.86	\$921,946,453.32	\$731,948,674.90	\$945,153,409.19
Excess Requirements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sum of above (1)	\$883,387,064.83	\$445,830,000.86	\$921,946,453.32	\$731,948,674.90	\$945,153,409.19
Invested Amount during Accumulation Period before deposit (2)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Controlled Distribution Amount (3) Distribution Account Deposit (least of 1, 2, or 3)	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$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	\$883,387,064.83	\$445,830,000.86	\$921,946,453.32	\$731,948,674.90	\$945,153,409.19
· · · · · · · · · · · · · · · · · · ·	*****	* ,	**=*,****,****	***************************************	40.00,000,000.00
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	\$1,621,469.30	\$1,318,569.42	\$5,294,870.43	\$4,190,859.97	\$5,036,218.36
Non-Distributed Amount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount available for payments	\$1,621,469.30	\$1,318,569.42	\$5,294,870.43	\$4,190,859.97	\$5,036,218.36
PAYMENT MADE IN ORDER PER SUPPLEMENTAL					
Paid to Trustees	\$2,477.61	\$1,250.41	\$2,585.76	\$2,052.88	\$2,650.85
raid to Trustees	\$2,477.01	\$1,230.41	\$2,363.76	\$2,032.00	\$2,030.03
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	\$45,280.47	\$33,599.84	\$160,401.87	\$121,151.10	\$164,010.44
Class C Principal or Swap Exchange Amount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Paid to Subordinated Lender	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Certain Additional Funding Expenses	\$2,619.46	\$1,322.00	\$2,733.80	\$2,170.41	\$2,802.61
Distribution Associate Delicion of the comments	\$1,874.00	\$945.80	\$1,955.80	\$1,552.70	\$2.005.00
Distribution Account Balance after payments	\$1,874.00	\$945.60	\$1,955.60	\$1,552.70	\$2,005.00
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	\$5,284.47	\$2,666.99	\$5,515.14	\$4,378.56	\$5,653.96
Total paid	\$1,619,595.30	\$1,317,623.62	\$5,292,914.64	\$4,189,307.27	\$5,034,213.36
Payable to Beneficiary	\$187.40	\$94.58	\$195.58	\$155.27	\$200.50
X. SUMMARY OF NOTEHOLDER DISTRIBUTIONS					
X. SOMMANT 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%	6.04266%	4.31000%	6.04266%
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\$5,203,401.67	US\$2,873,333.33	US\$5,203,401.67
Class A Principal Payment	US\$0.00 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
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\$5.20340	US\$3.59167	US\$5.20340
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

