Payment and Settlement Systems

No.43: Payment System Indicators

PART I - Payment System Indicators - Payment & Settlement System Statistics

System	Volume (Lakh)				Value (₹ Crore)			
	FY 2024-25	2024	2025		FY 2024-25	2024	2025	
		May	Apr.	May		May	Apr.	May
	1	-2	-1	0	5	2	3	4
A. Settlement Systems								
Financial Market Infrastructures (FMIs)								
1 CCIL Operated Systems (1.1 to 1.3)	47.40	4.07	5.07	5.48	296218030	22018913	29399814	29656042
1.1 Govt. Securities Clearing (1.1.1 to 1.1.3)	17.87	1.60	1.89	1.94	185733719	14632648	16657576	17500816
1.1.1 Outright	10.56	0.98	1.30	1.28	16056018	1363203	2017823	1875057
1.1.2 Repo	4.72	0.43	0.38	0.45	77286611	6669493	7078422	7645792
1.1.3 Tri-party Repo	2.58	0.19	0.20	0.21	92391091	6599952	7561331	7979967
1.2 Forex Clearing	28.06	2.37	3.07	3.44	100639565	6780829	11992139	11363617
1.3 Rupee Derivatives @	1.46	0.10	0.11	0.10	9844746	605436	750099	791608
B. Payment Systems								
I Financial Market Infrastructures (FMIs)	-	-	-	-	-	-	-	-
1 Credit Transfers - RTGS (1.1 to 1.2)	3024.55	249.71	262.41	274.71	201387682	15186947	16895789	17013770
1.1 Customer Transactions	3010.32	248.49	261.16	273.46	181153129	13559606	15060026	15219873
1.2 Interbank Transactions	14.23	1.22	1.24	1.25	20234553	1627340	1835763	1793897
II Retail								
2 Credit Transfers - Retail (2.1 to 2.6)	2061014.91	156773.59	194925.94	203656.72	79781976	6279019	7126205	7146649
2.1 AePS (Fund Transfers) @	3.64	0.31	0.30	0.31	190	18	16	17
2.2 APBS $	32964.43	2295.50	2610.51	2786.17	554034	37499	57566	50985
2.3 IMPS	56249.68	5576.99	4492.53	4636.60	7139110	606167	621666	640867
2.4 NACH Cr $	16938.86	1074.61	1200.84	1243.57	1670223	132404	154683	147380
2.5 NEFT	96198.05	7467.75	7687.52	8215.47	44361464	3457995	3897348	3793103
2.6 UPI @	1858660.25	140358.43	178934.24	186774.60	26056955	2044937	2394926	2514297
2.6.1 of which USSD @	17.24	1.62	1.22	1.79	185	17	13	33
3 Debit Transfers and Direct Debits (3.1 to 3.3)	21659.95	1698.67	1869.90	1895.74	2208583	167035	198565	206368
3.1 BHIM Aadhaar Pay @	230.08	19.33	17.39	19.51	6907	506	601	641
3.2 NACH Dr $	19762.28	1539.23	1709.27	1723.65	2199327	166305	197780	205535
3.3 NETC (linked to bank account) @	1667.59	140.11	143.24	152.58	2349	225	184	192
4 Card Payments (4.1 to 4.2)	63861.15	5105.17	5673.64	5827.40	2605110	208520	222351	226810
4.1 Credit Cards (4.1.1 to 4.1.2)	47740.76	3601.36	4502.70	4676.93	2109197	164955	184237	189832
4.1.1 PoS based $	24571.10	1906.58	2281.41	2359.14	795022	63831	67899	69607
4.1.2 Others $	23169.66	1694.78	2221.29	2317.79	1314175	101124	116338	120224
4.2 Debit Cards (4.2.1 to 4.2.1)	16120.39	1503.82	1170.93	1150.47	495914	43565	38113	36978
4.2.1 PoS based $	11980.33	1114.35	875.30	861.57	332556	29772	26187	24735
4.2.2 Others $	4140.06	389.47	295.63	288.90	163358	13793	11926	12243
5 Prepaid Payment Instruments (5.1 to 5.2)	70254.08	5496.00	6768.43	7106.39	216751	16697	21254	20722
5.1 Wallets	52898.40	4204.49	5157.38	5474.25	154066	11566	15896	16668
5.2 Cards (5.2.1 to 5.2.2)	17355.68	1291.51	1611.04	1632.13	62686	5131	5358	4053
5.2.1 PoS based $	8240.14	689.94	649.25	650.54	11512	1027	1093	981
5.2.2 Others $	9115.54	601.57	961.79	981.59	51174	4104	4265	3072
6 Paper-based Instruments (6.1 to 6.2)	6095.38	524.39	494.77	481.93	7113350	611518	645079	596239
6.1 CTS (NPCI Managed)	6095.38	524.39	494.77	481.93	7113350	611518	645079	596239
6.2 Others	0.00	–	–	–	–	–	–	–
Total - Retail Payments (2+3+4+5+6)	2222885.46	169597.82	209732.67	218968.18	91925771	7282789	8213454	8196787
Total Payments (1+2+3+4+5+6)	2225910.01	169847.53	209995.08	219242.89	293313453	22469736	25109243	25210557
Total Digital Payments (1+2+3+4+5)	2219814.63	169323.14	209500.31	218760.96	286200103	21858218	24464164	24614318

PART II - Payment Modes and Channels

System	Volume (Lakh)				Value (₹ Crore)			
	FY 2024-25	2024	2025		FY 2024-25	2024	2025	
		May	Apr.	May		May	Apr.	May
	1	2	3	4	5	6	7	8
A. Other Payment Channels								
1 Mobile Payments (mobile app based) (1.1 to 1.2)	1756976.91	133232.33	165815.85	173273.19	39206221	3092908	3505147	3642370
1.1 Intra-bank $	110801.96	8851.50	9304.93	9743.47	7207439	571075	617898	638705
1.2 Inter-bank $	1646174.95	124380.84	156510.92	163529.72	31998782	2521832	2887249	3003664
2 Internet Payments (Netbanking / Internet Browser Based) @ (2.1 to 2.2)	47478.09	3812.36	3653.49	3668.56	131858133	9595069	11633517	11653243
2.1 Intra-bank @	13056.37	1012.11	838.00	851.51	69086996	4905987	6048107	6063029
2.2 Inter-bank @	34421.72	2800.25	2815.49	2817.05	62771136	4689082	5585409	5590213
B. ATMs								
3 Cash Withdrawal at ATMs $ (3.1 to 3.3)	60308.11	5166.41	4602.65	4604.61	3063077	260240	244747	246201
3.1 Using Credit Cards $	97.25	8.63	6.86	6.70	5084	441	373	370
3.2 Using Debit Cards $	59965.70	5133.52	4578.06	4579.88	3046987	258785	243494	244945
3.3 Using Pre-paid Cards $	245.16	24.26	17.73	18.03	11005	1014	881	886
4 Cash Withdrawal at PoS $ (4.1 to 4.2)	3.58	0.33	0.17	0.15	37	3	2	2
4.1 Using Debit Cards $	3.33	0.31	0.15	0.13	35	3	1	1
4.2 Using Pre-paid Cards $	0.25	0.02	0.02	0.03	3	0	0	0
5 Cash Withrawal at Micro ATMs @	11640.55	879.79	928.36	1017.25	296622	22804	25662	27668
5.1 AePS @	11640.55	879.79	928.36	1017.25	296622	22804	25662	27668

PART III - Payment Infrastructures (Lakh)

System	As on March 2025	2024	2025	
		May	Apr.	May
	1	2	3	4
Payment System Infrastructures				
1 Number of Cards (1.1 to 1.2)	11006.97	10598.99	11064.20	11115.67
1.1 Credit Cards	1098.85	1033.00	1104.36	1111.98
1.2 Debit Cards	9908.12	9565.98	9959.84	10003.70
2 Number of PPIs @ (2.1 to 2.2)	13396.53	14840.92	13444.93	13513.51
2.1 Wallets @	8673.62	11302.14	8719.54	8692.12
2.2 Cards @	4722.91	3538.78	4725.39	4821.38
3 Number of ATMs (3.1 to 3.2)	2.56	2.57	2.55	2.57
3.1 Bank owned ATMs $	2.20	2.22	2.19	2.21
3.2 White Label ATMs $	0.36	0.36	0.36	0.36
4 Number of Micro ATMs @	14.82	15.69	14.74	14.78
5 Number of PoS Terminals	110.98	88.04	112.91	115.89
6 Bharat QR @	67.18	61.21	66.84	66.64
7 UPI QR *	6579.30	5690.84	6624.75	6698.20

@: New inclusion w.e.f. November 2019
#: Data reported by Co-operative Banks, LABs and RRBs included with effect from December 2021.
$: Inclusion separately initiated from November 2019 - would have been part of other items hitherto.
*: New inclusion w.e.f. September 2020; Includes only static UPI QR Code
Notes : 1. Data is provisional.
2. ECS (Debit and Credit) has been merged with NACH with effect from January 31, 2020.
3. The data from November 2019 onwards for card payments (Debit/Credit cards) and Prepaid Payment Instruments (PPIs) may not be comparable with earlier months/ periods, as more granular data is being published along with revision in data definitions.
4. Only domestic financial transactions are considered. The new format captures e-commerce transactions; transactions using FASTags, digital bill payments and card-to-card transfer through ATMs, etc.. Also, failed transactions, chargebacks, reversals, expired cards/ wallets, are excluded.

Part I-A. Settlement systems
1.1.3: Tri- party Repo under the securities segment has been operationalised from November 05, 2018.
Part I-B. Payments systems
4.1.2: 'Others' includes e-commerce transactions and digital bill payments through ATMs, etc.
4.2.2: 'Others' includes e-commerce transactions, card to card transfers and digital bill payments through ATMs, etc.
5: Available from December 2010.
5.1: includes purchase of goods and services and fund transfer through wallets.
5.2.2: includes usage of PPI Cards for online transactions and other transactions.
6.1: Pertain to three grids – Mumbai, New Delhi and Chennai.
6.2: 'Others' comprises of Non-MICR transactions which pertains to clearing houses managed by 21 banks.
Part II-A. Other payment channels
1: Mobile Payments –
o Include transactions done through mobile apps of banks and UPI apps.
o The data from July 2017 includes only individual payments and corporate payments initiated, processed, and authorised using mobile device. Other corporate payments which are not initiated, processed, and authorised using mobile device are excluded.
2: Internet Payments – includes only e-commerce transactions through 'netbanking' and any financial transaction using internet banking website of the bank.
Part II-B. ATMs
3.3 and 4.2: only relates to transactions using bank issued PPIs.
Part III. Payment systems infrastructure
3: Includes ATMs deployed by Scheduled Commercial Banks (SCBs) and White Label ATM Operators (WLAOs). WLAs are included from April 2014 onwards.