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	
		Apr.	Mar.	Apr.		Apr.	Mar.	Apr.
	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	3.53	4.36	5.07	296218030	22115118	27936158	29399814
1.1 Govt. Securities Clearing (1.1.1 to 1.1.3)	17.87	1.25	1.33	1.89	185733719	14132535	15356048	16657576
1.1.1 Outright	10.56	0.68	0.76	1.30	16056018	1023439	1297378	2017823
1.1.2 Repo	4.72	0.38	0.36	0.38	77286611	6510577	6589738	7078422
1.1.3 Tri-party Repo	2.58	0.19	0.21	0.20	92391091	6598519	7468932	7561331
1.2 Forex Clearing	28.06	2.17	2.94	3.07	100639565	7343662	11758724	11992139
1.3 Rupee Derivatives @	1.46	0.11	0.09	0.11	9844746	638922	821387	750099
B. Payment Systems								
I Financial Market Infrastructures (FMIs)	-	-	-	-	-	-	-	-
1 Credit Transfers - RTGS (1.1 to 1.2)	3024.55	235.59	307.03	262.41	201387682	14433296	21401969	16895789
1.1 Customer Transactions	3010.32	234.46	305.71	261.16	181153129	12800746	19394683	15060026
1.2 Interbank Transactions	14.23	1.12	1.32	1.24	20234553	1632550	2007287	1835763
II Retail								
2 Credit Transfers - Retail (2.1 to 2.6)	2061014.91	149083.29	202008.61	194925.94	79781976	5845989	8242601	7126205
2.1 AePS (Fund Transfers) @	3.64	0.29	0.31	0.30	190	19	16	16
2.2 APBS $	32964.43	2535.32	3506.60	2610.51	554034	36959	66841	57566
2.3 IMPS	56249.68	5503.65	4616.39	4492.53	7139110	592279	667813	621666
2.4 NACH Cr $	16938.86	964.06	1861.26	1200.84	1670223	121718	176401	154683
2.5 NEFT	96198.05	7040.03	9008.97	7687.52	44361464	3130549	4854308	3897348
2.6 UPI @	1858660.25	133039.94	183015.08	178934.24	26056955	1964465	2477222	2394926
2.6.1 of which USSD @	17.24	1.52	1.26	1.22	185	18	14	13
3 Debit Transfers and Direct Debits (3.1 to 3.3)	21659.95	1644.10	1891.35	1869.90	2208583	159006	211047	198565
3.1 BHIM Aadhaar Pay @	230.08	20.50	19.59	17.39	6907	563	611	601
3.2 NACH Dr $	19762.28	1494.37	1724.79	1709.27	2199327	158223	210246	197780
3.3 NETC (linked to bank account) @	1667.59	129.23	146.97	143.24	2349	220	191	184
4 Card Payments (4.1 to 4.2)	63861.15	4960.12	5789.52	5673.64	2605110	200409	240549	222351
4.1 Credit Cards (4.1.1 to 4.1.2)	47740.76	3441.51	4586.50	4502.70	2109197	156498	201494	184237
4.1.1 PoS based $	24571.10	1843.36	2302.66	2281.41	795022	61982	71473	67899
4.1.2 Others $	23169.66	1598.15	2283.84	2221.29	1314175	94516	130021	116338
4.2 Debit Cards (4.2.1 to 4.2.1)	16120.39	1518.61	1203.02	1170.93	495914	43911	39055	38113
4.2.1 PoS based $	11980.33	1126.31	895.82	875.30	332556	30022	25818	26187
4.2.2 Others $	4140.06	392.30	307.20	295.63	163358	13889	13237	11926
5 Prepaid Payment Instruments (5.1 to 5.2)	70254.08	5288.79	6783.69	6768.43	216751	14964	21465	21254
5.1 Wallets	52898.40	3993.29	5061.17	5157.38	154066	10507	16077	15896
5.2 Cards (5.2.1 to 5.2.2)	17355.68	1295.49	1722.52	1611.04	62686	4457	5388	5358
5.2.1 PoS based $	8240.14	695.13	648.24	649.25	11512	962	1016	1093
5.2.2 Others $	9115.54	600.37	1074.28	961.79	51174	3495	4372	4265
6 Paper-based Instruments (6.1 to 6.2)	6095.38	525.73	531.76	494.77	7113350	667829	659873	645079
6.1 CTS (NPCI Managed)	6095.38	525.73	531.76	494.77	7113350	667829	659873	645079
6.2 Others	0.00	–	–	–	–	–	–	–
Total - Retail Payments (2+3+4+5+6)	2222885.46	161502.02	217004.93	209732.67	91925771	6888198	9375535	8213454
Total Payments (1+2+3+4+5+6)	2225910.01	161737.61	217311.96	209995.08	293313453	21321494	30777505	25109243
Total Digital Payments (1+2+3+4+5)	2219814.63	161211.88	216780.20	209500.31	286200103	20653665	30117631	24464164

PART II - Payment Modes and Channels

System	Volume (Lakh)				Value (₹ Crore)			
	FY 2024-25	2024	2025		FY 2024-25	2024	2025	
		Apr.	Mar.	Apr.		Apr.	Mar.	Apr.
	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	127302.31	171174.23	165744.58	39206221	2962262	3769671	3498574
1.1 Intra-bank $	110801.96	8373.78	9863.76	9301.40	7207439	552044	670272	617100
1.2 Inter-bank $	1646174.95	118928.53	161310.47	156443.19	31998782	2410218	3099400	2881474
2 Internet Payments (Netbanking / Internet Browser Based) @ (2.1 to 2.2)	47478.09	3796.75	4096.24	3642.69	131858133	9637480	13992340	11585683
2.1 Intra-bank @	13056.37	966.25	1009.09	837.78	69086996	5089149	7319249	6047105
2.2 Inter-bank @	34421.72	2830.50	3087.15	2804.91	62771136	4548332	6673091	5538579
B. ATMs								
3 Cash Withdrawal at ATMs $ (3.1 to 3.3)	60308.11	5240.40	4983.78	4602.65	3063077	265905	263892	244747
3.1 Using Credit Cards $	97.25	9.07	7.43	6.86	5084	458	410	373
3.2 Using Debit Cards $	59965.70	5207.60	4957.22	4578.06	3046987	264457	262540	243494
3.3 Using Pre-paid Cards $	245.16	23.73	19.13	17.73	11005	990	942	881
4 Cash Withdrawal at PoS $ (4.1 to 4.2)	3.58	0.52	0.22	0.17	37	5	2	2
4.1 Using Debit Cards $	3.33	0.50	0.19	0.15	35	5	2	1
4.2 Using Pre-paid Cards $	0.25	0.02	0.03	0.02	3	0	0	0
5 Cash Withrawal at Micro ATMs @	11640.55	919.05	1102.31	928.36	296622	24502	29561	25662
5.1 AePS @	11640.55	919.05	1102.31	928.36	296622	24502	29561	25662

PART III - Payment Infrastructures (Lakh)

System	As on March 2025	2024	2025	
		Apr.	Mar.	Apr.
	1	2	3	4
Payment System Infrastructures				
1 Number of Cards (1.1 to 1.2)	11006.97	10534.85	11006.97	11064.20
1.1 Credit Cards	1098.85	1025.40	1098.85	1104.36
1.2 Debit Cards	9908.12	9509.45	9908.12	9959.84
2 Number of PPIs @ (2.1 to 2.2)	13396.53	14716.82	13396.53	13444.93
2.1 Wallets @	8673.62	11294.83	8673.62	8719.54
2.2 Cards @	4722.91	3421.99	4722.91	4725.39
3 Number of ATMs (3.1 to 3.2)	2.56	2.57	2.56	2.55
3.1 Bank owned ATMs $	2.20	2.23	2.20	2.19
3.2 White Label ATMs $	0.36	0.35	0.36	0.36
4 Number of Micro ATMs @	14.82	17.44	14.82	14.74
5 Number of PoS Terminals	110.98	88.39	110.98	112.91
6 Bharat QR @	67.18	60.73	67.18	66.84
7 UPI QR *	6579.30	5597.20	6579.30	6624.75

@: 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.