

Payment and Settlement Systems

No. 44: 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	
		Oct.	Sep.	Oct.		Oct.	Sep.	Oct.
	1	2	3	4	5	6	7	8
A. Settlement Systems								
Financial Market Infrastructures (FMIs)								
1 CCIL Operated Systems (1.1 to 1.3)	47.40	3.59	4.95	4.25	296218030	25730864	30270023	30434601
1.1 Govt. Securities Clearing (1.1.1 to 1.1.3)	17.87	1.69	1.75	1.63	185733719	16664120	18003263	18365111
1.1.1 Outright	10.56	1.04	1.04	0.95	16056018	1626397	1499643	1439939
1.1.2 Repo	4.72	0.41	0.48	0.46	77286611	6573748	7926471	8365990
1.1.3 Tri-party Repo	2.58	0.23	0.23	0.23	92391091	8463975	8577149	8559182
1.2 Forex Clearing	28.06	1.74	3.11	2.51	100639565	8046345	11417001	11161871
1.3 Rupee Derivatives @	1.46	0.16	0.09	0.11	9844746	1020399	849759	907620
B. Payment Systems								
1 Financial Market Infrastructures (FMIs)	-	-	-	-	-	-	-	-
1 Credit Transfers - RTGS (1.1 to 1.2)	3024.55	267.92	280.83	296.76	201387682	17070975	19836942	18732702
1.1 Customer Transactions	3010.32	266.69	279.64	295.56	181153129	15418778	18220475	17108666
1.2 Interbank Transactions	14.23	1.23	1.19	1.20	20234553	1652197	1616467	1624036
II Retail								
2 Credit Transfers - Retail (2.1 to 2.6)	2061014.91	185187.17	213074.92	224318.23	79881976	7358283	7543380	7851867
2.1 AePS (Fund Transfers) @	3.64	0.31	0.26	0.27	190	17	12	12
2.2 APBS \$	32964.43	4021.91	2542.90	2745.64	554034	69157	41746	43353
2.3 IMPS	56249.68	4668.23	3943.79	4035.88	7139110	629382	596847	641964
2.4 NACH Cr \$	16938.86	1463.68	1850.43	1736.26	1670223	157479	149729	165141
2.5 NEFT	96198.05	9183.38	8403.21	8790.97	44461464	4152428	4265310	4273608
2.6 UPI @	1858660.25	165849.66	196334.33	207009.21	26056955	2349821	2489737	2727791
2.6.1 of which USSD @	17.24	1.64	0.94	1.14	185	18	10	13
3 Debit Transfers and Direct Debits (3.1 to 3.3)	21659.95	1871.73	1926.97	1964.66	2208583	189818	222919	223881
3.1 BHIM Aadhaar Pay @	230.08	24.54	18.90	20.58	6907	773	591	661
3.2 NACH Dr \$	19762.28	1710.21	1786.47	1812.26	2199327	188844	222164	223048
3.3 NETC (linked to bank account) @	1667.59	136.98	121.60	131.82	2349	202	164	172
4 Card Payments (4.1 to 4.2)	63861.15	5759.31	5999.80	6279.14	2605110	248619	253483	256373
4.1 Credit Cards (4.1.1 to 4.1.2)	47740.76	4332.14	4952.41	5182.90	2109197	201789	216707	214230
4.1.1 PoS based \$	24571.10	2196.73	2416.15	2609.42	795022	79293	72544	88357
4.1.2 Others \$	23169.66	2135.41	2536.26	2573.48	1314175	122496	144163	125873
4.2 Debit Cards (4.2.1 to 4.2.1)	16120.39	1427.17	1047.39	1096.25	495914	46830	36776	42143
4.2.1 PoS based \$	11980.33	1060.17	777.56	828.79	332556	32091	22773	29104
4.2.2 Others \$	4140.06	367.00	269.83	267.46	163358	14738	14003	13039
5 Prepaid Payment Instruments (5.1 to 5.2)	70254.08	5977.88	8551.51	8939.26	216751	20419	22637	24227
5.1 Wallets	52898.40	4425.20	6871.58	7281.56	154066	13074	17183	18515
5.2 Cards (5.2.1 to 5.2.2)	17355.68	1552.68	1679.93	1657.70	62686	7345	5454	5712
5.2.1 PoS based \$	8240.14	718.88	688.72	649.16	11512	981	1092	1274
5.2.2 Others \$	9115.54	833.81	991.22	1008.54	51174	6365	4362	4437
6 Paper-based Instruments (6.1 to 6.2)	6095.38	546.98	464.86	452.12	7113350	624057	570467	574554
6.1 CTS (NPCI Managed)	6095.38	546.98	464.86	452.12	7113350	624057	570467	574554
6.2 Others	0.00	-	-	-	-	-	-	-
Total - Retail Payments (2+3+4+5+6)	2222885.46	199343.07	230018.06	241953.42	92025771	8441196	8612885	8930903
Total Payments (1+2+3+4+5+6)	2225910.01	199610.99	230298.89	242250.18	293413453	25512171	28449827	27663605
Total Digital Payments (1+2+3+4+5)	2219814.63	199064.01	229834.03	241798.06	286300103	24888114	27879360	27089051

PART II - Payment Modes and Channels

System	Volume (Lakh)				Value (₹ Crore)			
	FY 2024-25	2024		2025		FY 2024-25	2025	
		Oct.	Sep.	Oct.	Oct.		Oct.	Sep.
	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	154876.80	181008.61	190876.05	39206221	3532243	3618114	3928496
1.1 Intra-bank \$	110801.96	9126.58	10469.49	10981.41	7207439	657333	633733	687557
1.2 Inter-bank \$	1646174.95	145750.22	170539.12	179894.64	31998782	2874910	2984381	3240939
2 Internet Payments (Netbanking / Internet Browser Based) @ (2.1 to 2.2)	47478.09	4259.90	3755.37	3803.42	131858133	11281098	13654298	13199799
2.1 Intra-bank @	13056.37	1152.19	853.80	872.08	69086996	5801815	7091903	6840494
2.2 Inter-bank @	34421.72	3107.71	2901.57	2931.34	62771136	5479282	6562395	6359305
B. ATMs								
3 Cash Withdrawal at ATMs \$ (3.1 to 3.3)	60308.11	5545.04	4395.48	4661.98	3063077	285506	230952	251643
3.1 Using Credit Cards \$	97.25	8.32	6.69	7.12	5084	444	369	404
3.2 Using Debit Cards \$	59965.70	5515.23	4370.90	4636.34	3046987	284076	229713	250321
3.3 Using Pre-paid Cards \$	245.16	21.49	17.89	18.53	11005	985	870	917
4 Cash Withdrawal at PoS \$ (4.1 to 4.2)	3.58	0.29	0.12	0.15	37	3	2	2
4.1 Using Debit Cards \$	3.33	0.28	0.10	0.13	35	3	1	2
4.2 Using Pre-paid Cards \$	0.25	0.01	0.02	0.02	3	0	0	0
5 Cash Withdrawal at Micro ATMs @	11640.55	1227.30	1034.96	1084.34	296622	31480	26356	29379
5.1 AePS @	11640.55	1227.30	1034.96	1084.34	296622	31480	26356	29379

PART III - Payment Infrastructures (Lakh)

System	As on March 2025	2024		2025	
		Oct.	Sep.	Oct.	Oct.
	1	2	3	4	
Payment System Infrastructures					
1 Number of Cards (1.1 to 1.2)	11006.97	10878.00	11381.99	11411.69	
1.1 Credit Cards	1098.85	1068.90	1133.90	1140.18	
1.2 Debit Cards	9908.12	9809.11	10248.09	10271.50	
2 Number of PPIs @ (2.1 to 2.2)	13401.46	15503.38	16180.40	17710.95	
2.1 Wallets @	8678.44	11439.31	11478.95	12993.66	
2.2 Cards @	4723.02	4064.07	4701.45	4717.28	
3 Number of ATMs (3.1 to 3.2)	2.56	2.56	2.49	2.50	
3.1 Bank owned ATMs \$	2.20	2.21	2.12	2.13	
3.2 White Label ATMs \$	0.36	0.35	0.37	0.37	
4 Number of Micro ATMs @	14.82	14.51	14.60	14.65	
5 Number of PoS Terminals	110.98	95.09	121.24	123.17	
6 Bharat QR @	67.18	64.31	60.95	60.73	
7 UPI QR *	6579.30	6168.52	7090.66	7175.25	

@: 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

Note: 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.