

# RAKSHITRA



*MONTHLY NEWSLETTER*

# C O N T E N T S

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## WHAT'S NEW

<b>International Developments</b>	<ul style="list-style-type: none"> <li>• Reserve Bank of New Zealand eased the level of monetary policy restraint by reducing the Official Cash Rate by 25 bps to 5.25% with inflation easing back within the target band.</li> <li>• Minutes of the last FOMC meeting indicate increase support for an interest rate cut in September.</li> <li>• Federal Reserve Bank of Atlanta President Raphael Bostic said that it may be time to move on rate cuts.</li> <li>• ECB chief economist Phillip Lane stated that wages in the Euro-zone could slow sharply in 2025 and 2026 paving the way for monetary easing.</li> <li>• The US GDP for Q2-2024 was revised higher to 3%.</li> <li>• The Euro-area GDP rose 0.30% in Q2-2024.</li> <li>• US CPI declined to 2.90% in July from a year earlier. The PPI advanced 2.20% in July.</li> <li>• Producer prices in Japan increased by 3.0% y-o-y in July 2024.</li> <li>• The US trade deficit in goods widened to \$102.70 billion in July 2024.</li> <li>• Japan posted a trade deficit of \$4.28 billion for July.</li> <li>• China's trade surplus widened to \$84.65 billion in July 2024.</li> <li>• Japan posted a \$87 billion current account surplus in the first half of 2024.</li> <li>• Japan posted a trade deficit of \$4.28 billion for July.</li> <li>• OPEC cut its forecast for global oil demand growth in 2024, citing weaker demand from China.</li> </ul>
<b>Indian Economy</b>	<ul style="list-style-type: none"> <li>• Real GDP or GDP at Constant Prices in Q1-FY25 is estimated at ₹43.64 lakh crore, against ₹40.91 lakh crore in Q1-FY24, showing a growth rate of 6.70%.</li> <li>• Gross GST collections rose 10% in August to about ₹1.75 lakh crore.</li> <li>• India registered a fiscal deficit of ₹141233 crore during July 2024. Fiscal deficit of ₹276945 crore during April-July FY25 accounted for 17.20% of the budgeted estimates of ₹1613312 crore for FY25.</li> </ul>

**Indian Economy**

- The Index of Industrial Production (IIP) expanded 4.20% in June 2024 as against a growth of 4.0% in June 2023. IIP expanded 5.20% in April-June FY25.
- The eight core industries with a combined weight of 40.27% in the Index of Industrial Production (IIP) registered a growth of 8.50% in July 2024 (provisional) compared to growth of 6.10% in July 2023. The core sector grew 6.10% in April-July FY25 as against 6.60% in April-July FY24.
- India's overall exports (Merchandise and Services combined) in July 2024 grew 2.81% over July 2023 to \$62.42 billion while overall imports rose 7.14% to \$72.03 billion. Overall trade deficit for July 2024 is estimated at \$9.61 billion.
- Provisional annual inflation rates based on all India general CPI Rural, Urban and Combined for July 2024 stood at 4.10%, 2.98% and 3.54% respectively. Inflation rates (final) for Rural, Urban and Combined for June 2024 were 5.66%, 4.39% and 5.08% respectively.
- The annual rate of inflation, based on monthly WPI, stood at 2.04% (provisional) for July 2024 as compared to 3.36% in June 2024. The final WPI for May 2024 stood at 2.74%.
- The year-on-year inflation rates based on CPI-AL and CPI-RL for July 2024 were recorded at 6.17% and 6.20%, compared to 7.43% and 7.26% in July 2023.
- Year-on-year CPI-IW moderated to 2.15% in July 2024 as compared to 7.54% in July 2023.
- India's holding of US Treasury Securities at the end of June 2024 stood at \$241.90 billion vis-à-vis \$237.80 billion at the end of May 2024.
- India's Manufacturing PMI edged down to 57.5 in August compared with 58.1 in July. India's services PMI increased to 60.9 in August from 60.3 in July. The Composite PMI remained steady at 60.7 in August 2024.
- The total assets under management (AUM) of the Indian mutual fund industry stood at ₹66.70 lakh crore at the end of August 2024.
- Net direct tax collection surged about 22% to over ₹6.93 lakh crore during



## WHAT'S NEW

<p><b>Indian Economy</b></p>	<p>FY25 (upto August 11th).</p> <ul style="list-style-type: none"> <li>• Fitch Ratings affirmed India's sovereign credit rating at 'BBB-' with a stable outlook on the back of strong medium term growth outlook and improving fiscal credibility.</li> <li>• Moody's 'Global Macro Outlook 2024-25' raised India's GDP forecast for 2024 to 7.20% and for 2025 to 6.60%.</li> </ul>
<p><b>Reserve Bank of India:</b> (Source: <a href="http://rbi.org.in">http://rbi.org.in</a>)</p>	<ul style="list-style-type: none"> <li>• RBI notified the scheme for trading and settlement of Sovereign Green Bonds in the International Financial Services Centre in India.</li> <li>• RBI notified on the interest equalization scheme for pre and post shipment rupee export credit.</li> <li>• RBI released draft circular on 'Regulatory Principles for Management of Model Risks in Credit'.</li> <li>• RBI issued the framework for recognition of SROs in financial markets and invited applications from interested entities seeking recognition as an SRO.</li> <li>• RBI constituted an Expert Committee on benchmarking of its statistics.</li> <li>• RBI notified on processing of e-mandates for recurring transactions.</li> <li>• RBI reviewed risk weights for housing finance companies (HFCs).</li> <li>• RBI reviewed regulatory framework for HFCs and harmonization of regulations applicable to HFCs and NBFCs.</li> <li>• RBI flagged breach of regulations by some NBFC-P2P lending platforms.</li> <li>• RBI recognized the Fintech Association for Consumer Empowerment (FACE) as an SRO-FT.</li> <li>• RBI launched the September 2024 round of Consumer Confidence Survey.</li> <li>• RBI launched the September 2024 round of the Inflation Expectations Survey of Households.</li> <li>• RBI released Minutes of the Monetary Policy Committee meeting of August 6-8, 2024.</li> <li>• RBI released data on ECB/FCCB/RDB for June 2024.</li> </ul>

**Reserve Bank of India:**  
(Source:  
<http://rbi.org.in>)

- RBI released results of the FY24 survey of foreign liabilities and assets of mutual fund companies.
- RBI released All-India House Price Index (HPI) for Q1:2024-25.
- RBI released data on lending and deposit rates of scheduled commercial banks - August 2024.
- RBI released data on sectoral deployment of bank credit for July 2024.
- RBI released data on the performance of the private corporate sector during Q1-FY25.
- RBI released data on India's international trade in services for July 2024.
- RBI released data on overseas direct investment for July 2024.
- RBI released Quarterly BSR-1: Outstanding Credit of Scheduled Commercial Banks - June 2024.
- RBI released Quarterly BSR-2: Deposits with Scheduled Commercial Banks - June 2024.
- Shri Nagaraju Maddirala, Secretary, Department of Financial Services, was nominated as a Director on RBI Central Board.
- The Finance Minister addressed the Central Board of Directors of RBI.

#### **Resolution of the Monetary Policy Committee (MPC) August 6 to 8, 2024**

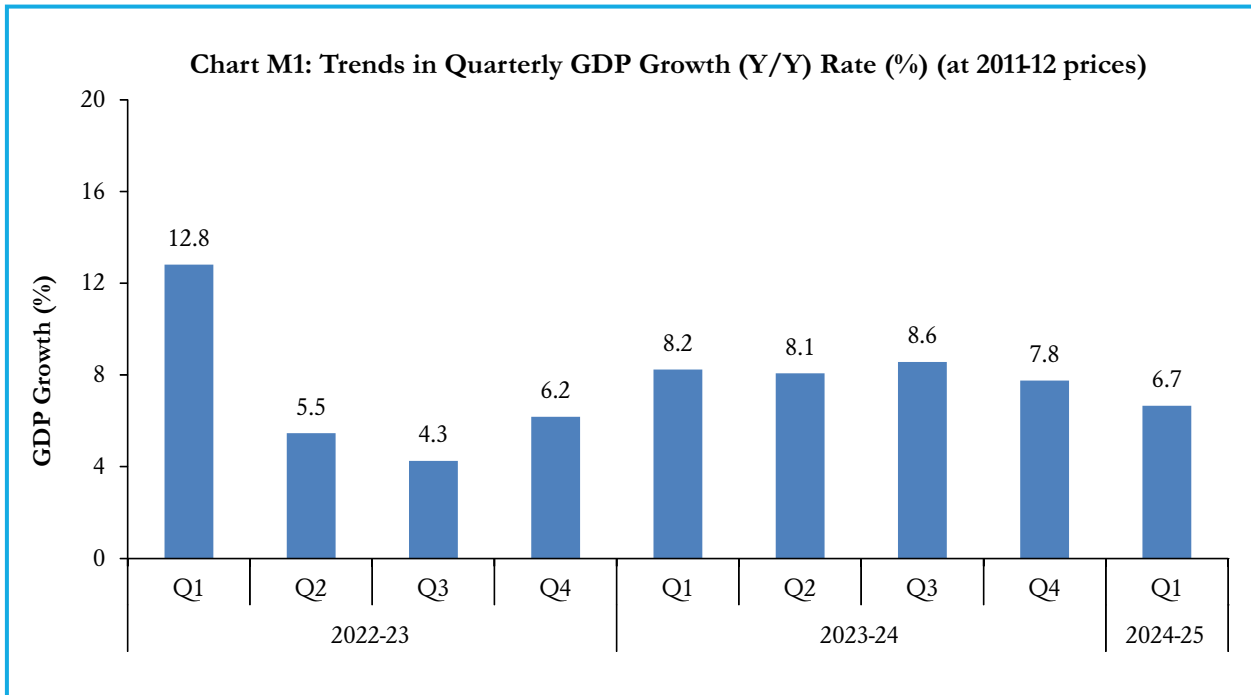
- The MPC left the policy repo rate under LAF unchanged at 6.50%. Consequently, the SDF rate, MSF rate and the Bank Rate remain unchanged at 6.25%, 6.75% and 6.75% respectively.
- The MPC remains focused on withdrawal of accommodation to ensure that inflation progressively aligns to the medium-term target of 4% within a band of +/- 2%, while supporting growth.
- Real GDP growth for FY25 is projected at 7.20% with Q1 at 7.10%; Q2 at 7.20%; Q3 at 7.30%; and Q4 at 7.20%. Real GDP growth for Q1:FY26 is projected at 7.20% with the risks evenly balanced.
- Households' inflation expectations have gone up and consumer confidence has weakened.
- The MPC expects domestic growth to hold up on the strength of

<p><b>Reserve Bank of India:</b> (Source: <a href="http://rbi.org.in">http://rbi.org.in</a>)</p>	<p>investment demand, steady urban consumption and rising rural consumption.</p> <ul style="list-style-type: none"> <li>• Assuming a normal monsoon, CPI inflation for FY25 is projected at 4.50% with Q2 at 4.40%; Q3 at 4.70%; and Q4 at 4.30%. CPI inflation for Q1:FY26 is projected at 4.40% with the risks evenly balanced.</li> <li>• Dr. Ashima Goyal and Prof. Jayanth R. Varma voted to reduce the policy repo rate by 25 bps.</li> <li>• Dr. Ashima Goyal and Prof. Jayanth R. Varma voted for a change in stance to neutral.</li> <li>• The minutes of the MPC's meeting will be published on August 22, 2024.</li> <li>• The next meeting of the MPC is scheduled during October 7 to 9, 2024.</li> </ul> <p><b>Statement on Developmental and Regulatory Policies</b></p> <ul style="list-style-type: none"> <li>• Regulations <ul style="list-style-type: none"> <li>○ A public repository of Digital Lending Apps deployed by the REs will be available on RBI's website.</li> <li>○ Frequency of reporting of credit information to CICs was increased to fortnightly basis or shorter intervals.</li> </ul> </li> <li>• Payment Systems <ul style="list-style-type: none"> <li>○ The limit for tax payments through UPI was enhanced from ₹1 lakh to ₹5 lakh per transaction.</li> <li>○ RBI proposed introduction of "Delegated Payments" in UPI.</li> <li>○ The cheque clearing cycle will be reduce from the present T+1 days to a few hours.</li> </ul> </li> </ul>
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# Market Roundup

## Domestic Macroeconomic Development

India's gross domestic product (GDP) grew by 6.7%, in the first quarter of fiscal year 2024-25 (FY25). Growth was lower than 7.8% observed in the previous quarter, primarily due to a deceleration in the agricultural and the hospitality sectors. The agricultural sector grew by 2% Y-o-Y in Q1, up from 0.6% in the previous quarter, but lower than 3.7% growth achieved in the corresponding period in the previous fiscal. A late arrival in the South-West Monsoon, due to the El Nino effect, had its impact on the sowing of Kharif crops. However, the monsoon gathered pace in July, and is expected to end the season in surplus.



Source: MOSPI & CCIL Research

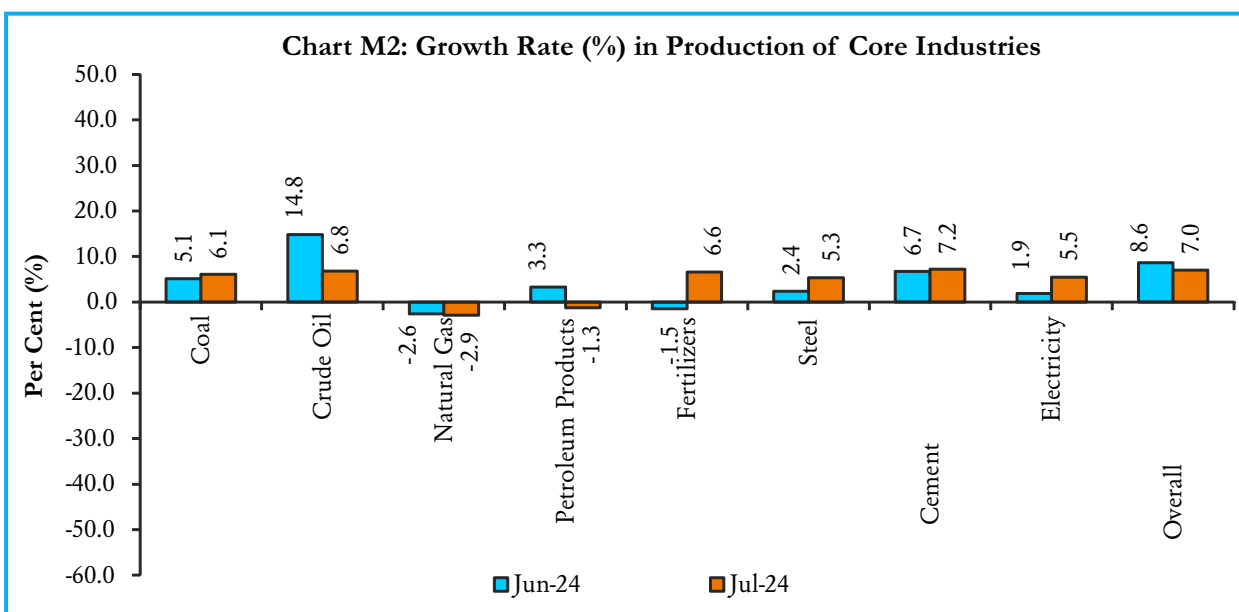
The industrial segment performed in a robust manner during Q1, growing by 8.3%, as against 8.4% in the previous quarter. Mining segment growth improved (7.2% vs. 4.3%), while manufacturing growth remained stable (10.4% vs. 7.7%). Construction segment also grew more than in the previous quarter (10.5% vs. 8.7%).

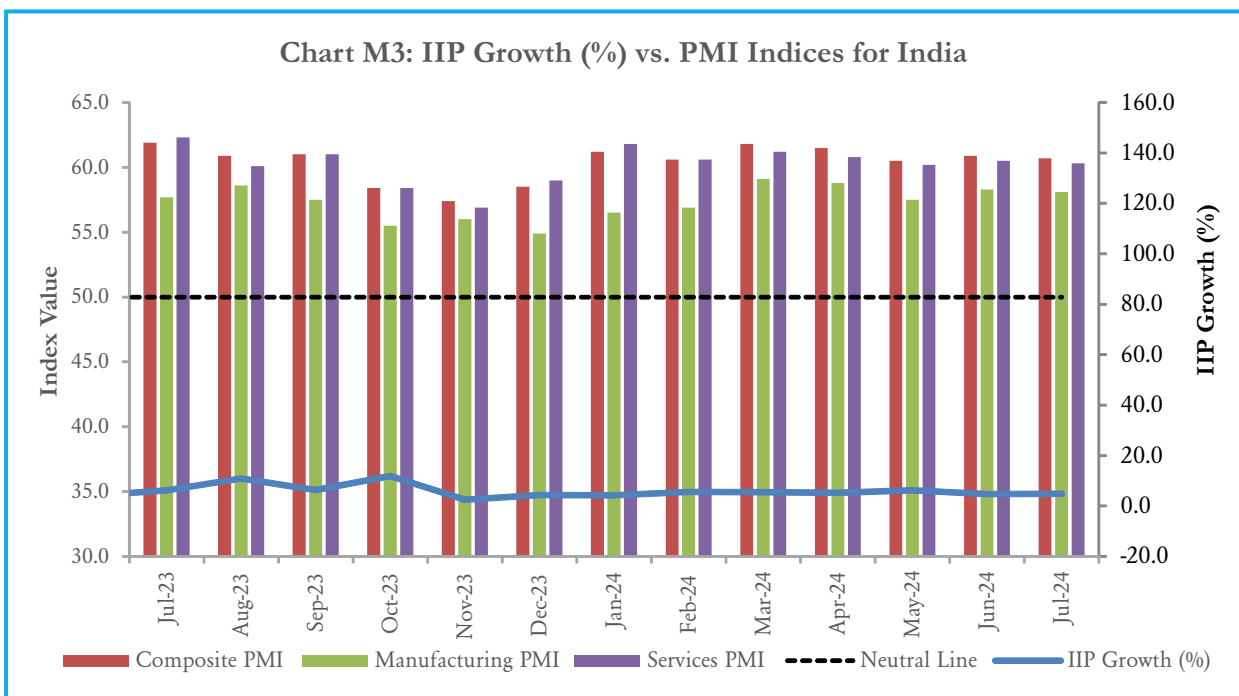
Table M1: Trends in GVA Growth Estimate at Factor Cost (at 2011 – 12 Prices)							
	Share (%)	GVA (Q1 2024-25) @ ₹ Crore	Quarterly GVA Growth (Y/Y) Rate (%)				
			2023-24 Q1	2023-24 Q2	2023-24 Q3	2023-24 Q4	2024-25 Q1
<b>1. Agriculture, Forestry &amp; Fishing</b>	13	532092	3.7	1.7	0.4	0.6	2
<b>2. Industry</b>	31	1250215	6	13.6	10.5	8.4	8.3
Mining & Quarrying	2	91691	7	11.1	7.5	4.3	7.2
Manufacturing	17	684792	5	14.3	11.5	8.9	7
Electricity, Gas, Water Supply & Other Utility Services	3	103805	3.2	10.5	9	7.7	10.4
Construction	9	369927	8.6	13.6	9.6	8.7	10.5
<b>3. Services</b>	56	2290427	10.7	6	7.1	6.7	7.2
Trade, Hotels, Transport, Communication and Services related to Broadcasting	17	681942	9.7	4.5	6.9	5.1	5.7
Financial, Real Estate & Professional Services	27	1089219	12.6	6.2	7	7.6	7.1
Public Administration, Defence and Other Services	13	519267	8.3	7.7	7.5	7.8	9.5
<b>GVA at Basic Price</b>	<b>100</b>	<b>4072734</b>	<b>8.3</b>	<b>7.7</b>	<b>6.8</b>	<b>6.3</b>	<b>6.8</b>
<b>GDP @ 2011-12</b>		<b>4363732</b>	<b>8.2</b>	<b>8.1</b>	<b>8.6</b>	<b>7.8</b>	<b>6.7</b>

Source: MOSPI & CCIL Research

In the services segment, Public administration, Defence & other services posted the highest growth (9.5% vs. 7.8%), followed by financial & professional services (7.1% vs. 7.6%) and trade, hotels, transport, communications & services (5.7% vs. 5.1%).

In terms of consumption side of GDP, Government consumption contracted (-0.2% vs. 0.9%), while private consumption grew from the previous quarter (7.4% vs. 4%). Gross fixed capital formation (GFCF) also exhibited growth (7.5% vs. 6.5%). Growth in exports continued (8.4% vs. 8.1%), while imports decelerated (4.4% vs. 8.3%).





Source: Office of the Economic Advisor, MOSPI & CCIL Research

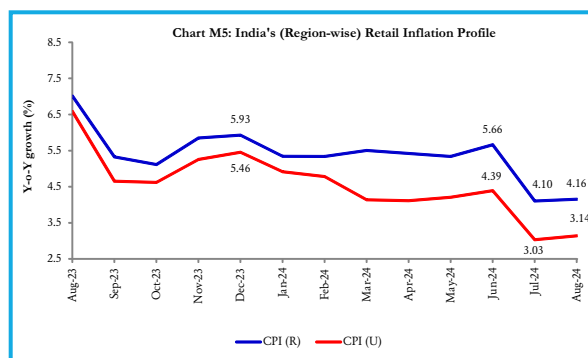
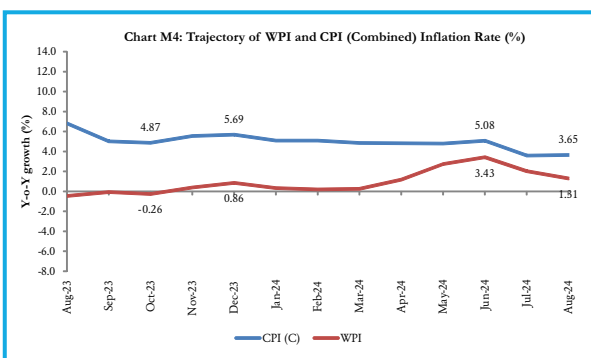
Production in India's eight core industries grew by 6.1% in July 2024, from 5.1% in the previous month. Crude oil and natural gas production contracted for the reported month, with the production of the latter contracting for the first time in 14 months. Steel production registered the highest growth (7.2% vs. 6.7% in June 2024), followed by electricity generation (7% vs. 8.6%) and coal production (6.8% vs. 14.8%) respectively.

India's industrial production growth also increased to 4.84% in July 2024, from 4.73% in June. Mining activity decelerated sharply, probably due to the onset of the monsoon season, as growth slowed to 3.7%, from 10.3% in June 2024. Manufacturing growth increased marginally to 4.6% in July, from 3.2% in June. Electricity generation also slowed marginally, growing by 7.9%, from 8.6% in June 2024.

In the use-based segment, growth in capital goods production rose significantly to 12% in July 2024, from 3.8% in June, while growth in infrastructure goods slowed (4.9% vs. 7.1%). Consumer durables demand remained robust, as evident from a growth of 8.2% (8.7%), while the contraction in non-durables continued, declining to a 21-month low of 4.4% (-1.5%). The divergence between durables and non-durables poses an interesting question for policymakers, especially as the central bank has repeatedly raised concerns of late, regarding the credit-fueled demand building up in the system.

Table M2: India's Industrial Production Growth Profile (at Base Year 2011-12)										
Growth (Y/Y) Rate on Use-Based (Goods) Classification										
Period	Mining	MFG	Electricity	IIP	Primary	Capital	Intermediate	Infrastructure/Construction	Consumer Durables	Consumer Non-Durables
2022-23	10.3	4.76	6.14	5.53	7.58	8.29	7.2	8.35	3.57	-0.82
2023-24	7.85	5.48	7.18	5.93	6.23	6.4	5.22	9.89	3.82	4.32
Jul-23	10.68	5.26	7.99	6.18	7.67	5.15	3.22	12.56	-3.62	8.33
Aug-23	12.35	9.98	15.26	10.87	12.36	13.05	7.37	15.71	6.02	9.93
Sep-23	11.5	5.13	9.87	6.35	8.02	8.37	6.13	10.13	0.97	2.66
Oct-23	13.14	10.58	20.38	11.89	11.36	21.67	9.53	12.61	15.93	9.29
Nov-23	7.01	1.31	5.76	2.47	8.45	-1.11	3.42	1.55	-4.83	-3.38
Dec-23	5.2	4.62	1.23	4.39	4.76	3.7	3.7	5.5	5.24	3.04
Jan-24	6.02	3.64	5.63	4.21	2.94	3.24	5.27	5.48	11.58	0.3
Feb-24	8.13	4.94	7.59	5.6	5.93	1.72	8.61	8.33	12.56	-3.17
Mar-24	1.3	5.9	8.62	5.47	3.03	6.99	6.15	7.43	9.53	5.22
Apr-24	6.77	4.18	10.24	5.19	7.03	2.81	3.82	8.48	10.55	-2.46
May-24	6.56	4.96	13.74	6.18	7.34	2.92	3.89	6.29	12.63	2.54
Jun-24	10.3	3.25	8.58	4.73	6.34	3.82	3.05	7.14	8.73	-1.5
Jul-24	3.66	4.57	7.94	4.84	5.85	12.05	6.83	4.93	8.21	-4.36

Source: MOSPI & CCIL Research



Source: Office of the Economic Advisor, MOSPI & CCIL Research

Consumer price inflation (CPI) rose marginally to 3.65% in August 2024, from 3.6% in July. Vegetable inflation (10.7% vs. 6.8%) and inflation in pulses & products (13.6% vs. 14.8%) were the primary contributors to the rise in price levels. Inflation in cereals (7.3% vs. 8.1%), personal care & effects (7.9% vs. 8.4%) and eggs (7.1% vs. 6.8%) also remained elevated. On the other hand, deflation continued in fuel & light (-5.3% vs. -5.5%), oils & fats (-0.9% vs. -1.1%) and spices (-4.4% vs. -1.4%). Inflation in aggregate consumer food price index rose to 5.7% vs. 5.4%.

Wholesale price inflation (WPI) in August 2024 decelerated to 1.3%, from 2.0% in July. There was deflation in fuel (-0.7% vs. 1.7%) after three months, while inflation in food (3.1% vs. 3.5%), primary articles (2.4% vs. 3.1%) and manufactured products (1.2% vs. 1.6%) also decelerated. Core inflation cooled to 0.7% (1.2%), providing some respite for policymakers.

Table M3: Indian Inflation (Y/Y) Rate (%) Environment						
Type	Items	Aug-24	Jul-24	May-24	Feb-24	Aug-23
WPI Inflation Rate (New Series)	WPI	1.31	2.04	2.74	0.2	-0.46
	Primary	2.42	3.08	7.42	4.55	6.73
	Food	3.11	3.45	9.93	7.07	11.43
	Fuel & Power	-0.67	1.72	1.01	-1.71	-6.34
	Manufactured Products	1.22	1.58	1	-1.27	-2.3
CPI Inflation Rate	CPI-Rural	4.16	4.1	5.34	5.34	7.02
	CPI-Urban	3.14	3.03	4.21	4.78	6.59
	CPI-Combined	3.65	3.6	4.8	5.09	6.83
	CFPI (C)	5.66	5.42	8.69	8.66	9.94

Source: Office of the Economic Advisor & MOSPI, CFPI (C): Consumer Food Price Index (Combined)

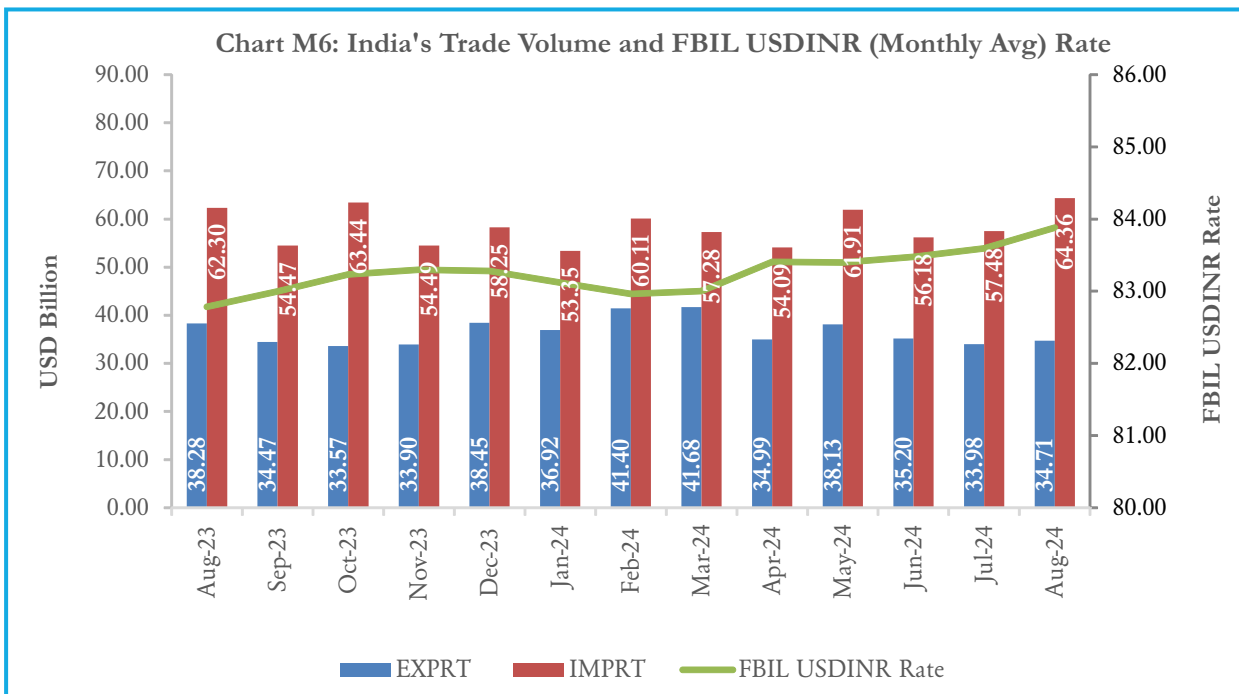
Exports from India declined by 9.3% in August 2024, amounting to US\$34.7 billion, from US\$34 billion in the previous month. Within the export segment, coffee (69.6%), tobacco (34.5%) and spices (19.1%) registered the highest growth. Imports on the contrary grew by 3.3% in August 2024, to US\$64.4 billion, from 57.5 billion in the previous month. Within the import segment, silver (727%), gold (103.7%) and leather & leather products (70.6%) registered the highest growth. Oil imports contracted by 33% in August 2024, amounting to US\$11 billion, from US\$13.9 billion in July 2024. Trade deficit in August 2024 widened to US\$29.7 billion, on higher imports.

Table M4: India's Trade (Merchandise & Services) Profile								
(\$ Billion)	Merchandise Trade					Services Trade*		
Period	Exports	Imports			Trade Balance	Exports	Imports	Balance
		Oil Imports	Non-Oil Imports	Total				
2023-24	176.67	70.19	205.88	276.07	-99.4	106.79	59.19	47.6
2024-25	178.68	76.35	217.67	294.02	-115.34	117.35	62.95	54.4
Growth (%)	1.14	8.79	5.73	6.5	-16.04	9.88	6.35	14.28
Aug-23	38.28	16.57	46.01	62.58	-24.3	28.71	15.09	13.62
Aug-24	34.71	11.02	53.34	64.36	-29.65	30.69	15.7	14.99
Growth (%)	-9.33	-33.51	15.94	2.85	-22.02	6.88	4.04	10.03

Source: Department of Commerce & CCIL Research; \* Services Trade Data is an estimate for current month

Trade surplus in the services segment widened marginally to US\$15 billion in August 2024, from US\$14.7 billion on the previous month. Receipts grew by 6.9% Y-o-Y to US\$30.7 billion, while payments decelerated to US\$15.7 billion, from US\$15.9 billion in July 2024.

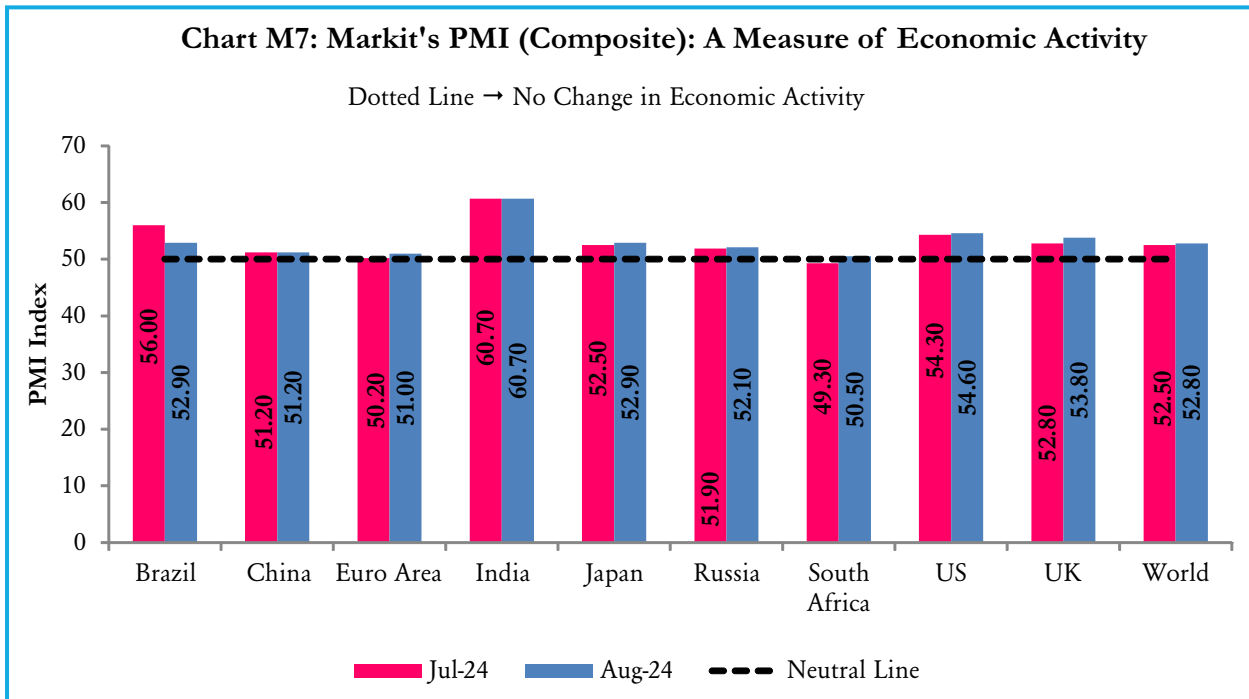




Source: Department of Commerce, FBIL & CCIL Research

### Global Macroeconomic Developments

The US Federal Reserve reduced its key policy rate, the Fed Funds rate, by 50 basis points (bps) to a range between 4.75%-5% in its latest policy meeting in September 2024. This was the first cut in borrowing rates since March 2020. Policymakers are expecting a 100 bps reduction by the end of the year, indicating that further rate cuts, to the tune of 50 bps in total, are expected by December. The policymakers also indicated another cumulative rate cut of 150 bps by 2026. PCE inflation, a key component in Fed policy, is expected to move down to 2.3% in 2024, from 2.6% in the June projection. The unemployment rate is however projected to rise through to 2025, necessitating policy intervention. Inflation in the US slowed for a fifth consecutive month in August 2024, to 2.5%. It was the lowest since February 2021, due to falling energy and food prices. PMI surveys for August indicated that the manufacturing sector continued to contract, while activity in the services segment remained robust.



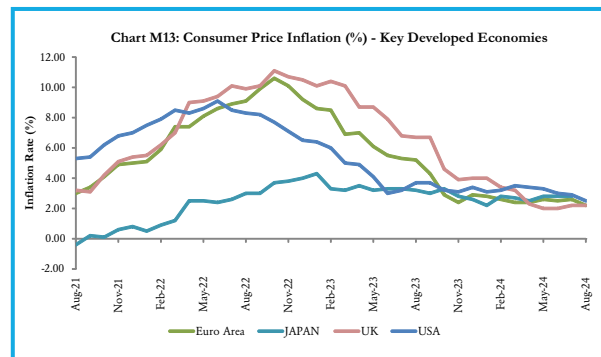
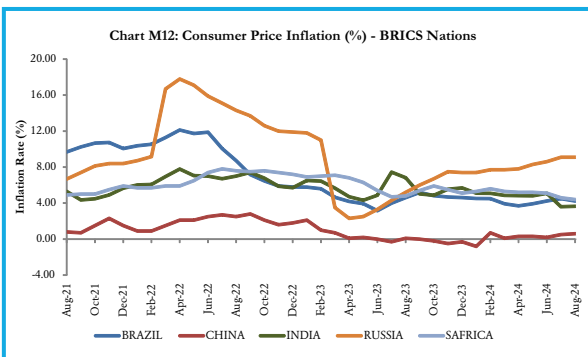
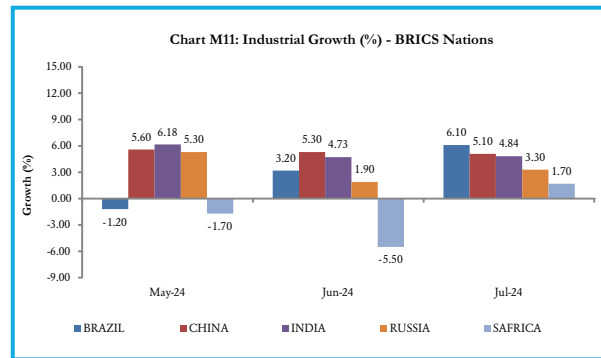
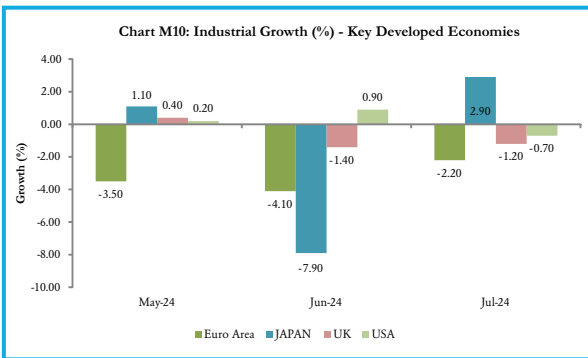
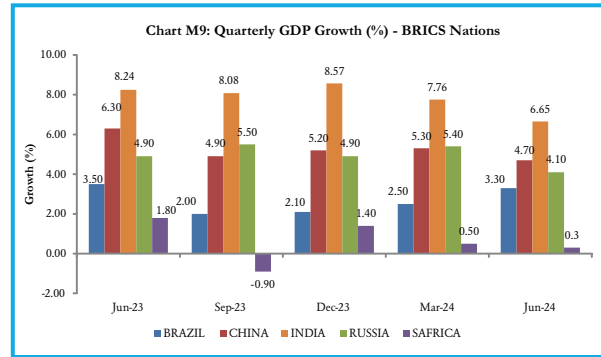
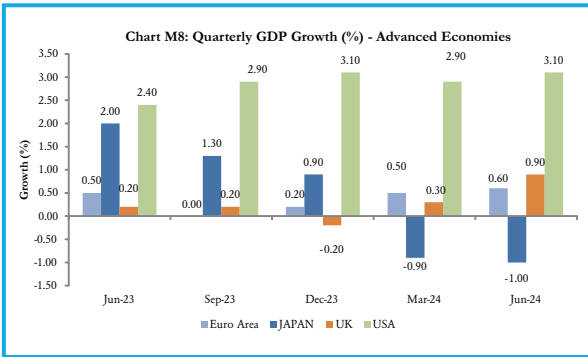
Source: S&P, Trading Economics & CCIL Research

The European Central Bank (ECB) cut its policy rate (main refinancing rate) by 25 bps to 3.65%, effective from September 18. Inflation projections remained unchanged, although policymakers observed that domestic inflation pressures remained elevated. Moderating labour costs and firm profits are expected to soften the impact though. Inflation in the Euro Area softened to 2.2% in August 2024, the lowest since July 2021, and from 2.6% in July 2024. Prices fell for energy and core items, while they rose for services, food, alcohol and tobacco. Manufacturing PMI continued to contract, while services PMI rose from the previous month.

The Bank of England kept the Bank Rate unchanged at 5% during its September 2024 meeting, following a 25 bps cut in August, the first reduction in over four years. The annual inflation was 2.2% in August, and is expected to increase to around 2.5% towards the end of this year, as decline in energy prices last year fall out of the annual comparison. Services consumer price inflation remained elevated at 5.6% in August. GDP growth is expected to return to its underlying pace of around 0.3% per quarter in the second half of the year. Additionally, the Committee unanimously agreed to reduce its stock of UK government bonds by £100 billion over the next 12 months, bringing the total to £558 billion.

The Bank of Japan (BoJ) unanimously retained its key short-term interest rate at around 0.25% during its September meeting. The Board also indicated the need for more time to monitor financial markets amid hawkish views from some board members. The BoJ also maintained its assessment that Japan's economy remains on track for a moderate recovery, despite some areas of weakness. Private consumption continued its

upward trend, helped by improving corporate profits and business spending. However, exports and industrial production remained relatively flat. Meanwhile, inflation expectations showed a moderate increase, and the underlying CPI is expected to rise gradually.



Source: Trading Economics & CCIL Research

### Money Market Review

Weighted average rates in the Call and the Repo segments remained unchanged, while 5 bps decline was observed in the TREP market in August vis-à-vis July. However, the range within which these rates fluctuated widened significantly (30-45 bps) from the previous month (22-34 bps). Short term money market rates eased with the weighted average call rate falling below the SDF rate of 6.25%, owing to 2-year high liquidity in the

banking system in the first week of August. Very soon, this trend reversed with rates climbing towards the MSF rate (6.75%) due to strong demand for funds from banks amid payments towards excise and TDS and outflows due to the RBI's aggressive intervention in the forex market. After hovering around 6.45%, these rates once again went past 6.60% at the close of the month probably due to delay in month-end spending by the government.

Trading activity remained subdued in August with average volume across segments contracting by 4% to 6%.

The following tables give the comparative weighted average rates over a period of time and the comparative statistics of volume and rates across the various sub-groups of the money market.

Table M1: Comparative Weighted Average Money Market Rates (%)					
	Aug-24	Jul-24	3 Months ago	6 Months ago	Year ago
<b>CALL</b>	6.52	6.52	6.61	6.63	6.59
<b>REPO</b>	6.45	6.46	6.55	6.61	6.55
<b>TREP</b>	6.37	6.42	6.53	6.53	6.53

Table M2: Comparative Money Market Volumes and Rates												
	Gross		Daily Average		Std		Minimum		Maximum		Market Share	
	Volumes (₹ Cr)		Volumes (₹ Cr)		Dev		Rate (%)		Rate (%)		(%)	
	Aug-24	Jul-24	Aug-24	Jul-24	Aug-24	Jul-24	Aug-24	Jul-24	Aug-24	Jul-24	Aug-24	Jul-24
<b>CALL</b>	2,31,757	2,51,711	11,036	11,441	0.07	0.06	6.41	6.46	6.71	6.68	2.09	2.06
<b>REPO</b>	32,04,968	35,67,145	1,52,618	1,62,143	0.09	0.08	6.34	6.36	6.68	6.65	28.92	29.13
<b>TREP</b>	76,44,140	84,25,248	3,64,007	3,82,966	0.12	0.09	6.18	6.33	6.65	6.67	68.99	68.81

### Systemic Liquidity

Liquidity available with the banks remained in surplus for the second consecutive month in August following resumption in spending by the Centre and States post-Budget. In fact, after a gap of 6-months, surplus liquidity touched ₹2 lakh crore on Aug 02 and was at a 25-month high at ₹2.86 lakh crore on Aug 03 following inflows on account of the government's month-end spending. After a gradual decline in systemic liquidity to ₹79,800 crore by Aug 21 due to outflows towards, excise duty, GST and TDS, it reached ₹1.22 lakh crore at the close of the month.

To manage excess funds available with banks so that it aligns with the monetary policy stance i.e., “the withdrawal of accommodation”, RBI conducted several variable rate reverse repo (VRRR) auctions under its main as well as fine tuning operations. It absorbed ₹5.51 lakh crore from the system which is 11% above the July absorption of ₹4.93 lakh crore. Funds parked by banks with RBI using SDF averaged ₹79,548 crore - 18% higher than July numbers. However, cash injection by RBI through MSF, too, improved by 56% over the previous month.

The RBI undertook outright open market operation (OMO) sales of government securities worth ₹7,690 crore in August versus ₹10,555 crore in July in order to drain out excess liquidity from the banking system. For these OMOs no formal auction was conducted to sell the government securities as it was screen based.

Table M3: Liquidity Operation through SDF and MSF Amt. ₹ Crore				
	SDF Volume		MSF Volume	
	Aug-24	Jul-24	Aug-24	Jul-24
<b>Total Vol</b>	24,65,990	20,93,323	1,33,484	85,784
<b>Average Vol</b>	79,548	67,527	4,306	2,767

## Government Securities Market

### Primary Market

Borrowing by the central bank through re-issuances of dated securities was ₹1.24 lakh crore in August at an average cut-off yield of 6.94% - 7 bps lower than 7.01% observed in July. On Aug 02, RBI auctioned two new securities: a) a new 30-year security amounting to ₹10,000 crore having coupon of 7.09%; and b) a new 10-year sovereign green bond having coupon of 6.90%. For this security, RBI accepted the partial amount of ₹1,697 crore instead of notified ₹6,000 crore on receiving tepid response. This is because traders refused to pay greenium, which indicates the premium investors are willing to pay for green bonds because of their sustainability impact. The commission asked by primary dealers to underwrite government bonds has been persistently falling over the past four months and has reached the average of 0.07 paise per ₹100 in August. Under the switch auction conducted by RBI on Aug 19, around ₹25,500 crore of outstanding of short term securities were converted into outstanding of medium / long term dated securities.

19 states have tapped the primary market to raise ₹80,990 crore through re-issuances of state government securities (SGS) at an average cut-off yield of 7.24%, which was a sharp 10 bps below the July figures. Also, during this month, 8 SGS were re-issued amounting to ₹8,200 crore with an average cut-off yield of 7.22%. Maharashtra (27%), Madhya Pradesh (11%) and Tami Nadu (9%) were the top 3 borrowing states having 47% cumulative share in the total auctioned amount.

Borrowing through auctions of treasury bills decreased by 15% over the previous month to ₹1.21 lakh crore with average cut-off yields easing further by 10-15 bps reflecting a build-up of liquidity in the banking system as well as retail inflation falling below the RBI's medium-term target of 4% favouring rate cut decision in near future. From six months ago, the decline in yields is much sharper at 40-45 bps. Lower government borrowing via treasury bills has helped push borrowing costs lower, while government spending after elections and RBI's currency interventions in the face of overseas capital inflows linked to India's inclusion in JPMorgan Chase & Co.'s emerging market bond index has fueled liquidity.

Table M4: Details of Auctions of the G-Secs						
Date of Issue/Auction	Security	Amount (₹ Crore)	Cut-off Price (₹)	Yield (%)	Devolvement on PDs (₹ Crore)	ACU Commission
						Cut-off rate (paise per ₹100)
02-Aug-24	7.02% G.S. 2027	6,000.00	100.52	6.8082	0	0.05
02-Aug-24	6.90% GOI SGrB 2034	1,697.40	-	6.9	0	0.13
02-Aug-24	7.09% G.S. 2054	10,000.00	-	7.09	0	0.08
09-Aug-24	7.10% G.S. 2034	20,000.00	101.44	6.8915	0	0.06
09-Aug-24	7.34% G.S. 2064	11,000.00	103.45	7.0782	0	0.08
16-Aug-24	7.02% G.S. 2031	11,000.00	100.85	6.8596	0	0.05
16-Aug-24	7.23% G.S. 2039	12,000.00	102.47	6.9571	0	0.05
16-Aug-24	7.46% G.S. 2073	11,000.00	105.37	7.0665	0	0.08
23-Aug-24	7.04% G.S. 2029	12,000.00	101.02	6.7825	0	0.05
23-Aug-24	7.34% G.S. 2064	11,000.00	104.35	7.0127	0	0.08
30-Aug-24	7.10% G.S. 2034	20,000.00	101.58	6.8711	0	0.05
30-Aug-24	7.09% G.S. 2054	10,000.00	100.78	7.0266	0	0.07

Table M5: Details of SWITCH Auction of Government Securities						
Date of Switch	Source Security	Total amount of source security accepted (₹ Cr)	Destination Security	Total amount of destination security issued (₹ Cr)	Cut-off price/yield for destination security	Net Switch (₹ Cr)
19-Aug-24	8.20% G.S. 2025	3000	8.28% G.S. 2032	2819.44	108.00/6.8937	-180.56
19-Aug-24	7.59% G.S. 2026	3000	6.68% G.S. 2031	3063.35	98.97/6.8649	63.34
19-Aug-24	5.63% G.S. 2026	7000	7.95% G.S. 2032	6465.81	106.35/6.9053	-534.19
19-Aug-24	5.63% G.S. 2026	150	6.62% G.S. 2051	154.75	95.23/7.0136	4.75
19-Aug-24	8.33% G.S. 2026	8355	6.64% G.S. 2035	8775.19	97.68/6.9468	420.19
19-Aug-24	8.33% G.S. 2026	1000	7.40% G.S. 2035	992.46	103.48/6.9431	-7.54
19-Aug-24	8.33% G.S. 2026	1000	6.83% G.S. 2039	1038	98.94/6.9467	38
19-Aug-24	7.38% G.S. 2027	2000	6.64% G.S. 2035	2077.47	97.81/6.9292	77.47

Table M6: Details of SDL Auctions/Re-issues						
Date of Issue/Auction	Security	Amount (₹ Crore)	Cut-off Price (₹)	Yield (%)	Under-subscription	
06-Aug-24	6.94% Chhattisgarh SDL 2029	500	99.22	7.14	0	
06-Aug-24	7.25% Himachal Pradesh SGS 2033	500	-	7.25	0	
06-Aug-24	7.22% Maharashtra SGS 2034	1,500.00	-	7.22	0	
06-Aug-24	7.23% Tamil Nadu SGS 2034	2,000.00	-	7.23	0	
06-Aug-24	7.26% Madhya Pradesh SGS 2035	2,500.00	-	7.26	0	
06-Aug-24	7.34% Punjab SGS 2035	700	100.37	7.29	0	

Table M6: Details of SDL Auctions/Re-issues					
Date of Issue/ Auction	Security	Amount (₹ Crore)	Cut-off Price (₹)	Yield (%)	Under- subscription
06-Aug-24	7.26% Haryana SGS 2036	1,000.00	-	7.26	0
06-Aug-24	7.27% Maharashtra SGS 2039	1,500.00	-	7.27	0
06-Aug-24	7.30% Assam SGS 2039	1,000.00	-	7.3	0
06-Aug-24	7.29% Telangana SGS 2040	1,000.00	-	7.29	0
06-Aug-24	7.31% Kerala SGS 2040	1,000.00	-	7.31	0
06-Aug-24	7.29% Telangana SGS 2042	1,000.00	-	7.29	0
06-Aug-24	7.27% Maharashtra SGS 2044	1,500.00	-	7.27	0
06-Aug-24	7.28% Madhya Pradesh SGS 2045	2,500.00	-	7.28	0
06-Aug-24	7.29% Jammu and Kashmir SGS 2045	500	-	7.29	0
06-Aug-24	7.28% Telangana SGS 2046	1,000.00	-	7.28	0
06-Aug-24	7.26% Maharashtra SGS 2049	1,500.00	-	7.26	0
06-Aug-24	7.27% Kerala SGS 2059	2,000.00	-	7.27	0
13-Aug-24	6.82% Chhattisgarh SGS 2028	500	99.06	7.1	0
13-Aug-24	7.05% Gujarat SGS 2028	1,500.00	-	7.05	0
13-Aug-24	7.06% Gujarat SGS 2029	1,000.00	-	7.06	0
13-Aug-24	7.40% Chhattisgarh SGS 2030	500	101.08	7.17	0
13-Aug-24	7.26% Bihar SGS 2033	2,000.00	-	7.26	0
13-Aug-24	7.21% Tamil Nadu SGS 2034	1,000.00	-	7.21	0
13-Aug-24	7.22% Maharashtra SGS 2034	1,500.00	99.9	7.23	0
13-Aug-24	7.26% Telangana SGS 2035	1,000.00	-	7.26	0
13-Aug-24	7.28% Telangana SGS 2038	1,000.00	-	7.28	0
13-Aug-24	7.27% Maharashtra SGS 2039	1,500.00	100.02	7.27	0
13-Aug-24	7.27% Maharashtra SGS 2044	1,500.00	100.02	7.27	0
13-Aug-24	7.28% Telangana SGS 2045	1,000.00	-	7.28	0
13-Aug-24	7.26% Maharashtra SGS 2049	1,500.00	99.99	7.26	0
13-Aug-24	7.27% Jammu & Kashmir SGS 2049	450	-	7.27	0
20-Aug-24	7.20% Mizoram SGS 2031	90	-	7.2	0
20-Aug-24	7.24% Bihar SGS 2033	2,000.00	-	7.24	0
20-Aug-24	7.19% Tamil Nadu SGS 2034	1,000.00	-	7.19	0
20-Aug-24	7.21% Maharashtra SGS 2035	1,500.00	-	7.21	0
20-Aug-24	7.24% Haryana SGS 2036	1,500.00	-	7.24	0
20-Aug-24	7.25% Haryana SGS 2039	1,000.00	-	7.25	0
20-Aug-24	7.23% Maharashtra SGS 2040	1,500.00	-	7.23	0
20-Aug-24	7.24% West Bengal SGS 2042	2,000.00	-	7.24	0
20-Aug-24	7.22% Maharashtra SGS 2045	1,500.00	-	7.22	0
20-Aug-24	7.22% Maharashtra SGS 2050	1,500.00	-	7.22	0
20-Aug-24	7.23% Jammu and Kashmir SGS 2051	200	-	7.23	0
27-Aug-24	7.06% Tamil Nadu SGS 2029	1,000.00	-	7.06	0
27-Aug-24	7.23% Rajasthan SGS 2033	1,000.00	-	7.23	0
27-Aug-24	7.25% Bihar SGS 2033	2,000.00	-	7.25	0
27-Aug-24	7.20% Maharashtra SGS 2034	1,500.00	-	7.2	0
27-Aug-24	7.22% Rajasthan SGS 2034	1,500.00	-	7.22	0

Table M6: Details of SDL Auctions/Re-issues					
Date of Issue/ Auction	Security	Amount (₹ Crore)	Cut-off Price (₹)	Yield (%)	Under- subscription
27-Aug-24	7.23% Goa SGS 2034	150	-	7.23	0
27-Aug-24	7.24% Andhra Pradesh SGS 2036	1,000.00	-	7.24	0
27-Aug-24	7.24% Haryana SGS 2036	1,000.00	-	7.24	0
27-Aug-24	7.26% Punjab SGS 2036	1,500.00	-	7.26	0
27-Aug-24	7.27% Manipur SGS 2036	200	-	7.27	0
27-Aug-24	7.26% Punjab SGS 2037	1,000.00	-	7.26	0
27-Aug-24	7.26% Madhya Pradesh SGS 2038	2,500.00	-	7.26	0
27-Aug-24	7.24% Maharashtra SGS 2039	1,500.00	-	7.24	0
27-Aug-24	7.26% Assam SGS 2039	1,000.00	-	7.26	0
27-Aug-24	7.26% Kerala SGS 2039	1,000.00	-	7.26	0
27-Aug-24	7.27% Andhra Pradesh SGS 2041	1,000.00	-	7.27	0
27-Aug-24	7.27% Rajasthan SGS 2042	1,000.00	-	7.27	0
27-Aug-24	7.25% Maharashtra SGS 2044	1,500.00	-	7.25	0
27-Aug-24	7.22% Madhya Pradesh SGS 2045	2,500.00	-	7.22	0
27-Aug-24	7.23% Andhra Pradesh SGS 2046	1,000.00	-	7.23	0
27-Aug-24	7.23% Rajasthan SGS 2046	1,500.00	-	7.23	0
27-Aug-24	7.22% Maharashtra SGS 2049	1,500.00	-	7.22	0
27-Aug-24	7.23% West Bengal SGS 2049	3,000.00	-	7.23	0
27-Aug-24	7.22% Tamil Nadu SGS 2054	3,000.00	-	7.22	0
27-Aug-24	7.23% Jammu and Kashmir SGS 2054	400	-	7.23	0
27-Aug-24	7.22% Kerala SGS 2059	2,000.00	-	7.22	0

Table M7: Details of T-Bills Auctions									
Date	91 day T-Bill			182 day T-Bill			364 day T-Bill		
	Amt (₹ Cr)	Price (₹)	YTM (%)	Amt (₹ Cr)	Price (₹)	YTM (%)	Amt (₹ Cr)	Price (₹)	YTM (%)
07-Aug-24	17,000.00	98.37	6.6351	7,500.00	96.75	6.7284	6,246.72	93.71	6.73
14-Aug-24	14,047.00	98.38	6.6152	7,000.00	96.75	6.7282	8,763.86	93.72	6.724
21-Aug-24	17,000.00	98.37	6.6388	7,000.00	96.76	6.7239	8,018.66	93.71	6.7284
28-Aug-24	15,000.00	98.37	6.6342	6,145.33	96.76	6.721	7,111.59	93.72	6.7175
<b>Total</b>	<b>63,047.00</b>			<b>27,645.33</b>			<b>30,140.83</b>		

Table M8: Average T-Bills Cut-off Yields (%)					
	Aug-24	Jul-24	3 Months ago	6 Months ago	Year ago
91-day T-Bill	6.6308	6.7331	6.9374	7.0108	6.805
182-day T-Bill	6.7254	6.8457	7.0452	7.1708	6.9764
364-day T-Bill	6.725	6.8756	7.0613	7.1281	7.0091



## Secondary Market

Trading in the secondary outright market during the month moderated with average number of trades and volume declining marginally by 4% and 3% respectively vis-à-vis July. In absolute terms, outright market registered 4,559 trades amounting to ₹67,764 crore with the share of central government securities touching 85%, followed by treasury bills (9%) and SDLs (6%). On Aug 05, outright trading volume touched ₹1.23 lakh crore - the highest since Jun 04, the day of General Election vote counting, following nearly 4-5 bps decline in yields on anticipation of change in monetary policy stance by MPC in the Aug 08 policy review meet. 7.10% G.S. 2034, 7.18% G.S. 2033 and 7.23% G.S. 2039 were the top-3 most traded government securities for the month.

2 trades of 7.09% G.S. 2054 amounting to ₹125 crore was executed on the When Issued platform in August against 5 trades worth ₹260 crore in July.

The average outright volume settled by CCIL remained steady around the July numbers at ₹69,915 crore with monthly high touching ₹1.24 lakh crore on Aug 06.

## Yield Movement

Average benchmark yields eased substantially (10 bps) in August to 6.87% from 6.97% in July tracking similar movement in US treasury yields as probability of rate cut by the US Federal Reserves in September meeting mounted on muted CPI numbers and weaker-than-expected macro-economic data points. Persistent demand from foreign investors also helped to keep yields lower. The average 10-year yield has softened steadily in a span of a year to record a decline of 32 bps.

After opening the month 2 bps below the July-end rate of 6.93%, the benchmark yield eased further to 6.86% on Aug 05. The movement was propelled by the 10-year US treasury yield falling below the key 4% mark for the first time in six months on repeated hints from the members of Federal Reserve that cemented the notion of rate cut in upcoming policy meet. Benign CPI numbers in US and back home along with surplus banking liquidity strengthened the case for the change in monetary policy stance by the MPC.

Even though the monetary policy committee's status quo decision lent no fresh direction, bond market remained optimistic throughout the month taking cues from the developments in the US economy and strong demand from foreign investors who are persistently investing in domestic bonds after its inclusion in global indices. For the rest of the month, 10-year yields remained range bound to have oscillated between 6.85% and 6.88%.

The yields of various tenors on the last working day of the month and the spread analysis of various tenors over a period of time are as under.

Table M9: Yield Movements (%)					
Tenor	Aug-24	Jul-24	3 Months ago	6 Months ago	Year ago
O/N	6.8	6.55	6.76	6.8	6.69
1 year	6.7401	6.7941	7.0273	7.0613	7.0396
2 year	6.7549	6.8243	7.0315	7.034	7.1427
5 year	6.7959	6.8586	7.049	7.0726	7.1745
10 year	6.8656	6.9259	6.987	7.0681	7.1727
30 year	6.9921	7.0531	7.134	7.1452	7.3336
40 year	7.0301	7.0915	7.1559	7.1455	7.334
50 year	7.0303	7.095	7.1586	7.1341	-

Yield spreads across various tenor points has more or less remained steady around the levels seen previous month due to near parallel downward movement in the yield curve for August vis-à-vis July.

Table M10: Spread Analysis					
Period	G-Sec Spread (bps)				
	Aug-24	Jul-24	3 Months	6 Months	1 Year
1 - 5 Years	6	6	2	1	13
1 - 10 Years	16	18	0	3	13
5 - 10 Years	11	12	-2	2	0
10 - 30 Years	9	8	10	6	16
10 - 50 Years	13	12	13	4	-

### Foreign Exchange Market

Weakness of Indian rupee against major international currencies persisted in August as well with the depreciation ranging from 0.17% to 3.56% on account of unwinding of Yen carry trades and significant outflows from the equity market. Growing concerns about potential recession in the US after a series of weaker-than-anticipated macro data, heightened geopolitical tensions in West Asia and wide fluctuation in oil prices also weighed on rupee touching frequent new life-time lows.

Table M11: Exchange Rate Movement				
	₹ / Euro	₹ / Pound	₹ / 100 yen	₹ / Dollar
Movement (%)	-2.54	-2.83	-3.56	-0.17
Average Rate	92.3	108.56	57.2	83.88
Stdev	1.15	1.64	0.73	0.09
Max	93.77	111.05	58.25	83.97
Min	90.47	106.65	55.87	83.73

Rupee decelerated by 23 paise within merely five trading days to ₹83.95/dollar (Aug 07) as domestic equity market followed a global equity sell-off caused by concerns of a slowdown in the US and rising geopolitical tensions in West Asia. Markets were rattled by downbeat earnings updates from Amazon and Intel, slower-

than-expected US factory activity survey and slumping job growth, highlighted by the monthly US non-farm payroll report.

Active intervention by RBI, coupled with reversal in equity markets managed to pull the rupee up to ₹83.74/dollar mark, before it weakened once again to touch all-time low of ₹83.97/dollar on Aug 13. USD/INR exchange rate oscillated between 83.97/dollar and 83.78/dollar for the rest of the month on lower crude oil prices, strengthening Japanese Yen versus USD as Federal Reserve minutes suggested a potential interest rate cut in September and dollar purchases by banks on behalf of importers.

Table M12: Exchange Rate Movement					
Exchange Rate	Aug-24	Jul-24	3 Months ago	6 Months ago	Year ago
₹/ Euro	92.91	90.62	90.12	89.86	90.22
₹/ Pound	110.5	107.55	105.93	105.03	105.09
₹/ 100 yen	57.86	54.78	53.08	55.36	56.63
₹/ Dollar	83.87	83.74	83.3	82.92	82.68

Weaker-than-expected macro-economic data and softer producer price index in US raised the odds in favour of a sharp cut in the policy rate by the Federal Reserve. With the Jackson Hole Economic Symposium speech by the Fed Chairman making September rate cut a certainty, US treasury yields touched multi-months low, widening interest rate differential between the US and India. This upcoming historic event completely changed the steepness of the forward premia curve within a month. From 2 bps decline at the shorter end, the gap between forward premia rate across the rest of the tenor points kept rising with 12M rate touching 2.08%-34 bps higher than previous month.

Table M13: Movement of Forward Premia over a period of time (monthly average)					
	Aug-24	Jul-24	3 Months ago	6 Months ago	Year ago
1-month	1.08	1.1	1.17	1.29	1.25
3-month	1.31	1.17	1.27	1.54	1.29
6-month	1.6	1.35	1.38	1.52	1.34
9-month	1.89	1.6	1.53	1.65	1.58
12-month	2.08	1.73	1.7	1.77	1.63

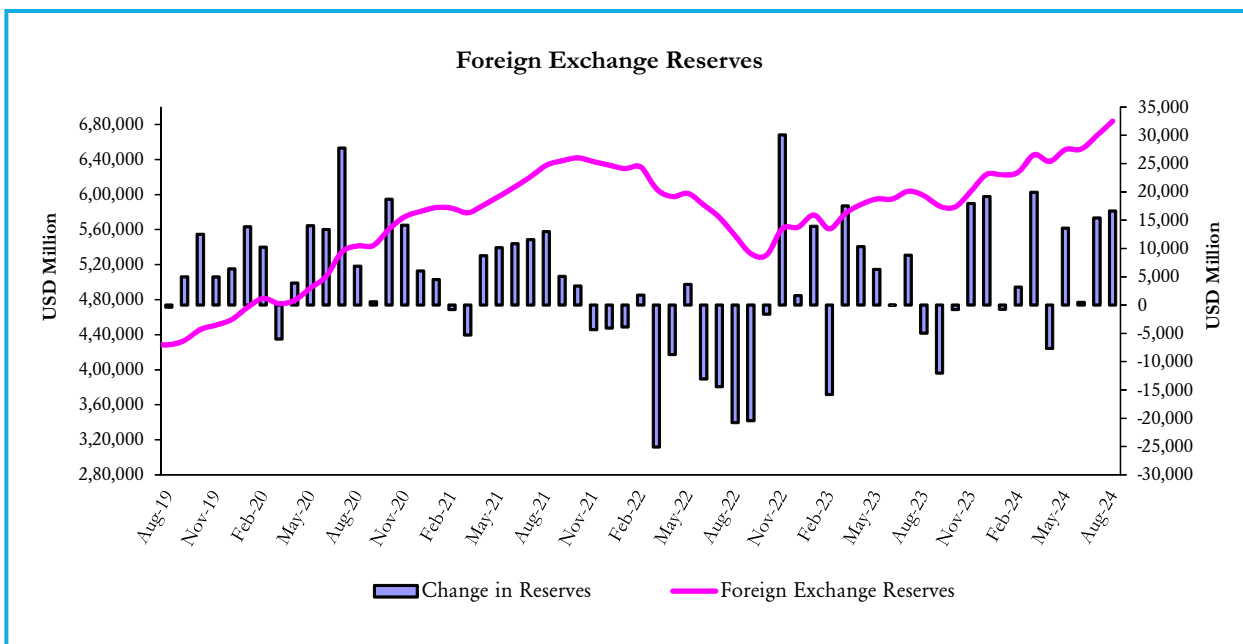
According to data released by the Department for Promotion of Industry and Internal Trade (DPIIT) showed foreign direct investment in India surging by 47.8% to \$16.17 billion in April-June 2024-25, driven by strong inflows in services, computer, telecom, and pharma sectors. Total FDI grew by 28% to \$22.49 billion during the first quarter with Maharashtra receiving the highest inflow of \$8.48 billion. FDI inflows were at \$10.94 billion in corresponding period previous year. Net FDI was \$6.9 billion, compared to \$4.7 billion in the year-ago period. The major source countries for the quarter were Singapore, Mauritius, the Netherlands, the US, and Belgium.

The trend in FII inflows into the equity market during the month can be divided into halves i.e., their net selling in the first half of the month amid concerns of a US recession, and strong buying in the second half as apprehensions receded. Good monsoon leading to recovery in rural demand and the imminent rate cuts by the US Federal Reserve are seen as positives for Indian markets. FIIs continued to invest heavily in debt and hybrid instruments, with net inflows at \$2.27 billion in August - 16% lower than net buying of \$2.71 billion in July. Domestic economic activities were resilient amidst fragile global situation, strengthening investors' confidence into the country's growth story, in turn leading to higher investments. Cumulatively, FIIs were net buyers of \$3.04 billion compared to \$5.84 billion previous month.

Table M14: Movement of FII flows (USD Million)					
Quarter	Net Investment in Equity	Net Investment in Debt	Net Investment in Debt-VRR	Net Investment in Hybrid	Total
2019-20	1244.31	-6470.5	1002.43	1095.7	-3128.06
2020-21	36819.87	-5835.05	4478.52	1357.99	36821.33
2021-22	-18551.38	309.32	1742.4	473.99	-16025.67
2022-23	-5114.16	-1136.68	765.76	-25.1	-5510.18
2023-24	25272.67	14594.18	-359.02	1536.26	41044.09
<b>Q1 2024-25</b>	<b>-912.53</b>	<b>1533.09</b>	<b>789.12</b>	<b>111.96</b>	<b>1521.64</b>
Apr-24	-1036.26	-1311.5	391.87	11.21	-1944.68
May-24	-3062.67	1052.34	513.71	-44.24	-1540.86
Jun-24	3186.4	1792.25	-116.46	144.99	5007.18
Jul-24	3874.34	2675.28	-740.65	30.74	5839.71
<b>Aug-24</b>	<b>872.59</b>	<b>2141.89</b>	<b>-105.8</b>	<b>130.77</b>	<b>3039.45</b>

As per the data on sale/purchase of USD by the RBI released under its monthly Bulletin, there has been a shift in the RBI's forex market operations. In May RBI was the net buyer of \$4.22 billion in the spot market; in contrast to net sale of \$2.11 billion in June. Additionally, its outstanding net forward sale of USD increased from \$10.36 billion in May to \$15.84 billion in June. Strong dollar overseas following upbeat macro-economic data, pick-up in international crude oil prices and volatile stock market on the day of an announcement of Lok Sabha election results had prompted RBI to intervene in the forex market to stabilise USD/INR exchange rate.

India's foreign exchange reserves reached fresh all-time high of \$683.99 billion for the week ending Aug 30 - up from \$667.39 billion during the week ending Jul 26 on account of accumulation in foreign currency assets (\$12.16 billion) and gold reserves (\$4.16 billion). The RBI is soaking up dollar inflows into the domestic markets following India's inclusion in the J P Morgan Index. India's foreign exchange reserves have been scaling new highs lately, breaching multiple records in recent months. So far, in 2024, reserves have improved by \$61 billion insulating domestic economic activity from global spillovers, thereby ensuring market stability.



**Banking Sector**

Pick-up in credit to industrial sector resulted in marginal increase in non-food credit in August over the previous month. It grew by 0.80% m-o-m against 0.68% in July. Aggregate deposits, however, grew by 0.62% - a deceleration over 1.39% growth in July despite efforts from banks to attract deposits after concerns raised by the RBI governor on persisting gap between credit and deposit growth. Investment in government securities was 0.83% higher in August vis-à-vis July and was one of the fastest business segments of schedule commercial banks for the month. Credit growth outpacing deposits generation pushed credit-deposit ratio up by 17 bps to 77.48%.

Except investment in government securities, all the other business segments of SCBs clocked double digit growth from a year ago period. Credit segment grew the fastest (14%); while investment in G-Secs was at the other end (8%).

**Table M15: Trends in Scheduled Commercial Banks' Business (₹ Cr)**

	Aug-24	Jul-24	3 Months ago	6 Months ago	Year ago
Money Stock	25702747	25589778	25514729	24493645	23316865
Aggregate Deposits	21324206	21193741	21087596	20204873	19232174
Non-food Credit	16920802	16786602	16741162	16166861	14900791
Investment in G-Secs	6365349	6312658	6182231	6047620	5900814
Bank credit	16945162	16814792	16781421	16207362	14920147

**Table M16: Banking Pulse**

Trends in Scheduled Commercial Banks' Business	Aug-24	Jun-24	Jun-24	May-24	Apr-24	Mar-24	Feb-24	Jan-24	Dec-23	Nov-23	Oct-23	Sep-23	Aug-23
Money Stock	0.44%	0.94%	0.39%	0.41%	1.29%	1.37%	0.79%	0.21%	0.90%	1.82%	1.05%	0.17%	0.25%
Aggregate Deposits	0.62%	1.39%	0.43%	0.31%	1.34%	1.34%	0.73%	-0.11%	1.01%	1.88%	1.23%	0.23%	0.34%
Non-food Credit	0.80%	0.68%	0.64%	0.55%	0.39%	1.51%	1.05%	0.51%	0.82%	2.48%	1.81%	1.55%	0.80%
Investment in G-Secs	0.83%	1.36%	0.47%	0.83%	0.70%	0.94%	1.21%	-0.26%	-0.71%	-0.47%	1.36%	1.35%	1.07%
Bank Credit	0.78%	0.62%	0.62%	0.69%	0.36%	1.40%	1.01%	0.52%	0.83%	2.62%	1.81%	1.55%	0.79%
CD Issuances*	24.07%	-58.36%	50.30%	194.54%	-75.53%	19.77%	79.61%	-60.36%	253.33%	-30.82%	-4.83%	31.38%	13.15%
Spending via Debit Card Amount	-	8.50%	-5.29%	-0.79%	-1.87%	7.95%	-8.87%	-5.12%	-2.95%	-5.20%	11.14%	-11.03%	-1.17%
Spending via Credit Card Amount	-	8.72%	-3.72%	5.40%	-4.84%	10.22%	-10.36%	0.80%	2.79%	-10.04%	25.47%	-4.23%	2.67%
Spending via UPI	-	2.85%	-1.85%	4.10%	-0.70%	8.23%	-0.72%	0.99%	4.78%	1.40%	8.65%	0.16%	2.80%

**Table M17: Key Banking Rates and Ratios (%)**

	Aug-24	Jul-24
Credit-Deposit Ratio	77.48	77.31
Investment-Deposit Ratio	29.66	29.6
Base Rate	9.10/10.40	9.10/10.40
MCLR (Overnight)	8.15/8.45	8.10/8.60
Term Deposit Rate >1 Year	6.00/7.30	6.00/7.30
Savings Deposit Rate	2.70/3.00	2.70/3.00
CD Rate	7.03/ 7.68	7.02/7.26
WALR on fresh rupee loans*	9.4	9.32

\* The weighted average lending rate of SCBs with one month lag

# Market Gauge

## Key Financial Market Rates (Averages for the month)

Segments	Month-Year	Aug-24	Jul-24	Jun-24	May-24	Apr-24	Mar-24	Feb-24	Jan-24	Dec-23	Nov-23	Oct-23	Sep-23	Aug-23
Money Market Rates	Call Rate	6.5226	6.5164	6.5998	6.6103	6.5601	6.6104	6.6338	6.7641	6.7693	6.7844	6.7344	6.6617	6.5851
	Repo Rate	6.4497	6.4551	6.5242	6.5537	6.4768	6.6028	6.6140	6.7821	6.7829	6.7888	6.7208	6.6816	6.5495
	TREPS	6.3724	6.4229	6.5122	6.5272	6.5259	6.5346	6.5321	6.7391	6.7550	6.7672	6.7525	6.6556	6.5303
	Treasury Bill - 91 Days	6.6308	6.7331	6.8293	6.9374	6.8856	6.9164	7.0108	6.9800	6.9518	6.9399	6.8942	6.8418	6.8050
	Treasury Bill - 182 Days	6.7254	6.8457	6.9727	7.0452	7.0284	7.1377	7.1708	7.1704	7.1643	7.1237	7.1256	7.0547	6.9764
	Treasury Bill - 364 Days	6.7250	6.8756	6.9963	7.0613	7.0554	7.0891	7.1281	7.1505	7.1471	7.1471	7.1439	7.0659	7.0091
G-Sec Yield	10Y Benchmark	6.8682	6.9718	6.9956	7.0691	7.1639	7.0575	7.0764	7.1801	7.2180	7.2711	7.3268	7.1842	7.1896
Interest Rate Derivatives	OIS 1 Year	6.5276	6.7342	6.7957	6.8156	6.8501	6.7424	6.6823	6.6302	6.7441	6.8810	7.0088	7.0529	6.9388
	OIS 2 Year	6.2139	6.4547	6.5137	6.5437	6.6046	6.4329	6.3655	6.2961	6.4141	6.5928	6.7774	6.8084	6.6735
	OIS 5 Year	6.0981	6.3327	6.3786	6.4478	6.5310	6.3313	6.2921	6.2119	6.3238	6.5376	6.7711	6.7371	6.5787
Interest Rate Derivatives	Modified MIFOR - 5 Year	6.5100	6.7091	6.8179	6.9500	6.9245	6.7297	6.7040	6.7069	6.7220	6.9635	7.1885	7.1153	6.9643

Source: CCIL, RBI, RefinitivRates refer to average rates for the period Treasury Bill rates are average cut-off yields

0	1	2	3	4	5	6
Lowest			Highest			

## Financial Market - Volumes (Daily Average ₹ Cr)

Segments	Month-Year	Aug-24	Jul-24	Jun-24	May-24	Apr-24	Mar-24	Feb-24	Jan-24	Dec-23	Nov-23	Oct-23	Sep-23	Aug-23
Trading	Call Trading Volume (₹ in Cr.)	11036	11441	12783	12626	12893	12440	11850	12672	12436	12348	11111	9977	10002
	Repo Trading Volume (₹ in Cr.)	152618	162143	168244	167209	180654	173082	164385	144629	147068	148122	143830	140579	148999
	TREPS Trading Volume (₹ in Cr.)	364007	382966	382283	329043	364440	336367	342796	357168	362473	334884	361355	341266	334208
	Certificate Deposit Trading (₹ in Cr.)	5128	3703	4877	6062	4950	8002	5464	4236	4078	4177	3259	3119	3324
	Commercial Paper Trading (₹ in Cr.)	3901	2687	3336	3936	2584	4291	3196	3035	2828	3574	3005	2809	3470
	CB Repo Trading (₹ in Cr.)	1124	851	891	1006	846	868	588	178	281	702	234	416	570
Systemic Liquidity	VRR - (₹ in Cr.) #	0	0	70003	79961	53669	58215	68516	107150	112512	0	0	0	0
	VRRR - (₹ in Cr.) ##	30592	24655	1481	840	38130	44626	22014	0	725	21462	6011	12333	28279
Settlement	Outright Settlement - (₹ in Cr.)	69915	69278	72252	68160	56858	54503	63657	52407	50456	46969	44467	60566	51203
	Forex Settlement - USD Million	39231	44363	46278	42776	48911	52137	39353	40740	44380	43741	44392	43177	38196
	Derivatives * (₹ in Cr.)	35756	32936	27315	30272	35496	25443	32372	28927	30749	26032	25081	28422	37368

Source: CCIL Research, RBI \*Derivatives - Matched Volumes.  
 #VRR - Variable Rate Repo. ##VRRR - Variable Reverse Rate Repo.  
 An increase in VRR indicates liquidity deficit.  
 An increase in VRRR indicates liquidity surplus.

0	1	2	3	4	5	6
Highest			Lowest			

## G-Sec Spread Analysis

Indicators	Aug-24	Jul-24	Jun-24	May-24	Apr-24	Mar-24	Feb-24	Jan-24	Dec-23	Nov-23	Oct-23	Sep-23	Aug-23
Avg. Bid Ask Spread (bps) ^	0.07	0.08	0.10	0.10	0.11	0.11	0.12	0.09	0.12	0.11	0.13	0.18	0.12
Turnover Ratio	0.78%	0.81%	0.85%	0.80%	0.67%	0.65%	0.75%	0.64%	0.62%	0.59%	0.54%	0.76%	0.65%
Average of 1Y-10Y	17.14	13.02	5.49	4.22	11.93	1.96	1.90	13.83	13.88	18.52	22.45	14.06	19.57
Average of 5Y-10Y	9.88	6.72	1.58	-0.83	-0.20	1.45	3.70	13.00	8.46	4.34	0.93	0.69	1.47

Source: CCIL Research  
 ^Bid-ask spread of 10 year benchmark  
 Turnover Ratio=(G-Sec Turnover for the month/Total G-Sec outstanding during the month)\*100

0	1	2	3	4	5	6
Lowest			Highest			



# Key Macroeconomic Indicators

**TABLE 1 : DOMESTIC INDICATORS**

Item	Unit/Base	1990-91	2000-01	2004-05	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25 (Latest available figures)	Change over Previous Period	
<b>National Income</b>																				
1	Gross Domestic Product at current (% at constant 2011-12) prices <sup>§</sup>	₹ Crore	692871 (1)	1870387	3632125 (7.90%)	8736329 (5.20%)	9944013 (5.42%)	11233522 (6.05%)	12467959 (7.15%)	13771874 (8.03%)	15391669 (8.26%)	17090042 (6.80%)	18899668 (6.45%)	20103593 (3.87%)	19854096 (-5.78%)	23597399 (9.69%)	26949646 (6.99%)	29535667 (8.15%)	7730979 (6.65%)	-97168
2	Fiscal Deficit	₹ Crore	44632.00	118816.00	125202.00	509731.00	489890	508149	501880	532351	535068	591663	645367	935635	1405547	1586537	1733131	1653670	141233	56136
<b>Industry @</b>																				
3	General Index of Industrial Production <sup>§§</sup>	2011-12=100	212.60*	162.60	204.20 (8.0%)	186.40 (-3.50%)	103.30 (3.30%)	106.70 (3.30%)	111.00 (4.00%)	114.70 (3.30%)	120.00 (4.60%)	125.30 (4.40%)	130.10 (3.80%)	129.00 (0.80%)	118.10 (-8.20%)	131.60 (11.43%)	138.30 (5.40%)	146.59 (5.86%)	149.60 (4.84%)	-1.10
4	Core Infrastructure Industries <sup>§§</sup>	2011-12=100	-	-	159.93 (3.03%)	103.82 (3.82%)	106.47 (2.56%)	111.73 (4.94%)	115.06 (2.98%)	120.53 (4.76%)	125.69 (4.28%)	131.18 (4.37%)	131.65 (0.36%)	123.04 (-6.54%)	136.10 (10.43%)	146.46 (7.64%)	157.69 (7.51%)	162.50 (6.10%)	162.50	-1.40
<b>Money Supply, Banking &amp; Interest Rates</b>																				
5	M <sub>3</sub> <sup>^^</sup>	₹ Crore	265828	1313220	2253938	7344070 (13.00%)	8359280 (13.60%)	9513050 (13.50%)	10565990 (11.30%)	11633540 (10.30%)	12509890 (7.70%)	14014480 (9.56%)	15430874 (10.52%)	16795276 (8.80%)	18772693 (11.7%)	20489469 (8.70%)	22333020 (9.00%)	24938561 (11.60%)	25781694 (3.40%)	108714
6	Aggregate Deposits <sup>^^</sup>	₹ Crore	192541	962618	1766628	5903660 (13.40%)	6751420 (14.30%)	7739390 (14.60%)	8585640 (11.40%)	9378650 (9.90%)	10542050 (13.00%)	11474990 (9.90%)	12572553 (10.03%)	13571033 (7.90%)	15113178 (11.4%)	16465316 (8.90%)	18043706 (9.60%)	20367011 (12.90%)	21245259 (4.10%)	134720
7	Bank Credit <sup>^^</sup>	₹ Crore	116301	511434	1141701	4611630 (17.00%)	5262830 (14.10%)	6013090 (14.30%)	6564680 (9.50%)	7277650 (11.30%)	7565670 (4.40%)	8650710 (10.30%)	9769185 (13.26%)	10371913 (6.10%)	10951561 (5.60%)	11890638 (9.60%)	13675228 (15.00%)	15903976	16459830	138674
8	S.C Banks Investment in Govt. Securities <sup>^^</sup>	₹ Crore	49998	340035	726111	1733700	2003460	2219760	2502850	2638400	3206120	3332240	3378300	3684743	4461627	4728179	5414322	6104731	6365349	52691
9	Credit - Deposit Ratio <sup>^^</sup>	Per cent	60.40	53.39	64.63	78.11	77.95	77.69	76.46	77.60	71.77	75.39	77.70	76.43	72.46	72.22	75.79	80.27	79.46	0.12
10	Bank Rate	Per cent	10.00	7.00	6.00	9.50	8.50	9.00	8.50	7.00	6.50	6.25	6.50	4.65	4.25	4.25	6.75	6.75	6.75	0.00
11	Cash Reserve Ratio	Per cent	15.00	8.00	5.00	4.75	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00	4.00	4.50	4.50	4.50	0.00
12	Repo Rate	Per cent	-	-	6.00	8.50	7.50	8.00	7.50	6.50	6.25	6.00	6.25	4.40	4.00	4.00	6.50	6.50	6.50	0.00
13	Inter-bank call money rate (Mumbai)	Per cent	4.00 - 70.00	4.00 - 19.00	1.50 - 5.90	5.88 - 13.14	7.34 - 13.69	6.96 - 11.28	7.19 - 11.21	6.49 - 9.36	5.88 - 6.79	5.79 - 6.19	5.81 - 8.49	4.94 - 6.26	1.90-3.60	2.00-4.10	4.60-8.10	5.00-9.00	5.10-7.00	
14	Base Rate <sup>ú</sup>	Per cent	-	11.00-12.00	10.25-10.75	10.00-10.75	9.70-10.25	10.00-10.25	10.00-10.25	9.30-9.70	9.25-9.65	8.65-9.45	8.95-9.40	8.15-9.40	7.40-8.80	7.25-8.80	8.65-10.10	9.10-10.25	9.10-10.40	
<b>Inflation</b>																				
15	Wholesale Prices (Monthly) <sup>µ</sup>																			
	a. All Commodities <sup>§§</sup>	2011-12=100	182.70***	155.70	189.10 (5.2%)	159.80 (6.89%)	108.60 (8.60%)	114.30 (5.20%)	109.90 (-3.80%)	107.70 (-2.00%)	113.40 (5.30%)	114.90 (2.90%)	119.79 (4.28%)	121.70 (1.59%)	123.38 (1.38%)	139.40 (12.99%)	152.52 (9.60%)	151.45 (-0.70%)	154.50 (1.31%)	-0.70
	b. Fuel & Power <sup>§§</sup>	2011-12=100	175.80***	208.10	289.00	174.00	109.80	114.68 (7.11%)	107.66 (-6.12%)	86.5 (-19.65%)	86.28 (-0.26%)	93.32 (8.16%)	104.05 (11.50%)	102.11 (-1.87%)	93.99 (-7.95%)	124.57 (32.53%)	159.58 (29.39%)	152.30 (-4.54%)	148.10 (-0.67%)	0.20
16	Consumer Price Index - New <sup>§§</sup>	2012=100	-	-	-	115.50 (8.96%)	127.50 (10.39%)	138.10 (8.31%)	120.10 (5.17%)	126.00 (4.83%)	130.90 (3.89%)	135.00 (3.59%)	139.61 (3.43%)	146.28 (4.77%)	156.80 (5.52%)	167.70 (6.95%)	174.73 (6.66%)	184.10 (5.36%)	193.00 (3.65%)	0.00
17	Consumer Prices-Industrial Workers <sup>§§ ##</sup>	2001=100	193.00	444.00	519.50 (3.84)	194.83 (8.41%)	215.17 (10.43%)	236 (9.72%)	250.83 (6.3%)	265 (5.65%)	275.92 (4.15%)	284.42 (3.08%)	299.92 (5.44%)	322.50 (7.54%)	338.69 (5.03%)	123.63 (5.13%)	131.12 (6.06%)	137.92 (5.19%)	142.70 (2.15%)	1.30



**TABLE 1 : DOMESTIC INDICATORS**

	Item	Unit/Base	1990-91	2000-01	2004-05	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25 (Latest available figures)	Change over Previous Period
<b>Balance of Trade****</b>																				
18	Value of Imports	US\$ Billion	24.07	50.54	111.74	488.64	491.49	450.95 (-)	447.55 (-)	379.60 (-)	380.37 (-)	459.67	507.44	467.19 (-)	389.18 (-)	611.89	714.24	677.24 (-)	295.32	64.36
19	Value of Exports	US\$ Billion	18.15	44.56	83.75 (30.91%)	303.72 (20.94%)	300.57 (-) (1.76%)	312.36 (3.98%)	310.53 (-) (1.23%)	261.14 (-) (15.85%)	274.65 (4.71%)	302.84 (9.78%)	331.02 (9.06%)	314.31 (-) (4.78%)	290.63 (-) (7.25%)	419.65 (43.81%)	447.46 (6.03%)	437.06 (-) (3.11%)	178.68 (1.14%)	34.71
20	Balance of Trade	US\$ Billion	-5.93	-5.98	-27.99	-184.92	-190.92	-138.59	-137.02	-118.46	-105.72	-143.14	-176.42	-152.88	-98.56	-192.24	-266.78	-225.20	-116.64	-29.65
<b>Foreign Exchange Inflows/Outflows &amp; Exchange Rate</b>																				
21	Foreign Exchange Reserves***																			
	a. Foreign Currency Assets	US\$ Billion	2.24	39.55	135.26	260.07	259.73	276.41	316.24	332.15	346.32	399.12	384.05	439.66	537.95	550.45	509.69	570.62	599.04	12.16
	b. Gold	US\$ Billion	3.50	2.73	4.50	27.02	26.29	20.98	19.84	19.33	19.87	21.61	23.41	30.89	34.91	43.24	45.20	52.16	61.86	4.16
	c. SDRs	US\$ Billion	0.10	0.00	0.01	4.47	4.33	4.46	4.00	1.49	1.45	1.54	1.46	1.42	1.49	18.82	18.39	18.15	18.47	0.27
22	Net FII Investment	US\$ Billion	-	0.40	-	17.46	31.05	8.88	45.71	-2.52	7.60	22.97	-5.80	-3.13	37.84	-15.50	-13.33	41.04	10.40	3.04
23	Cumulative Net Investment <sup>†</sup>	US\$ Billion	-	13.53	-	135.14	166.19	175.06	220.77	218.25	225.85	248.81	243.02	239.89	277.73	262.23	248.90	289.94	300.35	3.04
<b>Central Government Borrowings (Dated Securities and 364 day T-bills)</b>																				
24	Government Borrowings***																			
	Gross	₹ Crore	-	115183	106501	600409	558000	563973	592000	585000	582000	588000	571000	710000	1370324	1127382	1405000	1523000	622000	134000.00
	Net	₹ Crore	-	73787	46050	473952	467384	458374	443422	403107	348540	409191	422737	473972	1139014	845703	1085093	1073089	428151	135697.40
25	Outstandings (Dated Securities)	₹ Crore			885498**	2782985	3244536	3697910	4162571	4566630	4912816	5323091	5746360	6220351	7362990	8208402	9291072	10361457	10789447	135578.87
26	CCIL Settlement Statistics****																			
	a. Securities (F.V.)	₹ Crore			2692126**	11013019	17396220	23410745	25891675	26977819	40438909	37036379	36479997	42884372	55545786	59809013	78123186	90182636	39888007	7859257.81
	b. Forex	US\$ Million	-	-	899782**	4642573	4830933	4743321	5297790	5489286	6274978	6494454	6814433	6987915	6602489	8008776	9851831	9778416	4237239	823845.45
	c. TREP (F.V.)*****	₹ Crore	-	-	976757**	11155428	12028040	17526192	16764597	17833529	22952833	28330758	14451590	40142194	56850956	82263925	94128105	80281951	36668254	7684774.95
27	Gilts Turnover Ratio#	Per cent	-	-	87.93	0.72	1.92	1.87	1.95	1.63	2.67	1.18	1.11	1.37	0.55	0.56	0.66	0.65	0.78	-3.70%

Source: RBI Annual Report, Bulletin, Weekly Statistics, SEBI & CCIL

Notes:

Yearly figures are as in March-end

\* : Base: 1980-81=100

\*\*\* : Base : 1981-82=100

\*\* : Figure as at March-end

\*\*\*\* : Figures are cumulative for the year

Q.E : Quick Estimate

R.E : Revised Estimate

A.E : Advance Estimate

B.E.: Budget Estimate

P.E.: Provisional Estimate

#Turnover Ratio=(Central Government Securities Volumes for 12 months/Outstanding during the month)\*100

Percentage figures in brackets denote y-o-y growth

^ Turnover Ratio as on Aug 30, 2024

^^Data since July 14, 2023 include the impact of the merger of a non-bank with a bank

(1) At 1993-94 prices

\$: 1st AE for 2023-24. PE for 2022-23, 1st RE for 2021-22, 3rd RE for 2019-20

.-: Grand Total since beginning of data

¥: Excluding acquisition cost of RBI stake in SBI (₹35,531 crores)

²: GDP data till 2008-09 are calculated taking 1999-00 prices as the base whereas, till 2010-11, GDP data are calculated at market price (at 2004-05 prices).

û : Base Rate relates to five major banks since July 1, 2010. Earlier figures relate to Benchmark Prime Lending Rate (BPLR).

µ : Inflation Data till 2009-10 are calculated taking 1993-94 as base and 2010-11, 2011-12 are based on 2004-05 as the base year.

f: IIP data till 2010-11 are calculated taking 1993-94 as base.

@' : IIP and core industries data till 2012-13 and 2011-12 respectively are calculated taking 2004-05 as base year.

\*\*\*\*\*CBLO segment of the money market was discontinued and replaced with TREP with effect from November 5, 2018.

##CPI-IW new series base:2016 from September 2020.

TABLE 2: WORLD ECONOMIC INDICATORS

	UK	USA	Japan	Euro	South Korea	China	India
Gross Domestic Product (%): 2024 Q2	0.90	3.10	-0.80	0.60@	2.30	4.70	6.70
Fiscal Deficit: 2023 (% of GDP)	-4.40	-6.30	-5.50#	-3.60	-4.40#	-5.80	-5.63
Exports: Aug 2024	£69.61 bn#	\$267 bn#	¥ 9619 bn#	€ 252.04 bn#	\$57.90 bn	\$309 bn	\$33.98 bn#
Imports: Aug 2024	£77.12 bn#	\$345 bn#	¥ 10241 bn#	€ 230.80 bn#	\$54.07 bn	\$218 bn	\$57.48 bn#
Current Account (Mar 2024)	- £21.00 bn	-\$238 bn	¥ 1534 bn@	€ 52.40 bn@	\$12.26 bn@	\$54.90 bn@	\$5.70 bn
Inflation (%) (Aug 2024)	2.20#	2.50	2.80#	2.20	2.00	0.60	3.65
Industrial Production (%) (Jul 2024)	-1.20	-0.20	2.90	-2.20	5.50	4.50@	4.80
Exchange rate (per 1USD) (Aug 30, 2024)	0.7616	1.0000	146.1777	0.9048	1336.9585	7.0901	83.8757
10-yr Bond Yield (%) (Aug 30, 2024)	4.0160	3.9090	0.8910	2.2900	3.0910	2.1830	6.8630
Key Policy Rates ∞(%)	5.00	5.50	0.25	3.65	3.50	3.35	6.50

@ Figures Refer to next period

# Figures Refer to previous period

## Refers to two periods prior

∞: USA: Fed Funds Rate, UK: Official bank rate, Main refinancing operations (fixed rate), Japan: Uncollateralised Overnight rate, Germany: Main refinancing rate, South Korea: Base Rate, China: One year Lending rate, India: Repo Rate

&: Germany data

Source: Respective countries central bank.

## OUTSTANDING GOVERNMENT DEBT

TABLE 3: OUTSTANDING GOVERNMENT DEBT

Sr. No.	ISIN No.	Security	Issue Date	Maturity Date	Outstanding (₹ Crore)	Market Capitalization (₹ Crore)	Price (₹)	Yield (%)	Prev Month (%)	Duration	Mod Duration	V+ (for 100bps)	V- (for 100bps)	Convexity	Price Change Due to Modified Duration for 100bps (%)	Price Change Due to Convexity for 100bps(%)	Actual Change for 100pbs increase in yield	PV01
1	IN0020190396	6.18% GS 2024	4-Nov-19	4-Nov-24	77413.23	77322.89	99.88	6.73%	6.82%	0.1722	0.1666	101.7358	102.0828	0.0580	-0.1666	0.0003	-0.1700	0.0017
2	IN0020110048	9.15% G.S. 2024	14-Nov-11	14-Nov-24	65080.10	65377.09	100.46	6.66%	6.73%	0.2000	0.1936	102.9981	103.4054	0.0779	-0.1936	0.0004	-0.1970	0.0020
3	IN0020220128	6.89% GOVT STOCK 2025	16-Jan-23	16-Jan-25	11996.00	12000.57	100.04	6.73%	6.84%	0.3722	0.3601	100.5533	101.2863	0.2637	-0.3601	0.0013	-0.3618	0.0037
4	IN0020150036	7.72% GS 2025	25-May-15	25-May-25	76834.71	77391.43	100.72	6.67%	6.73%	0.7121	0.6891	102.1004	103.5173	0.8167	-0.6891	0.0041	-0.6850	0.0071
5	IN0020200112	5.22% GS 2025	15-Jun-20	15-Jun-25	114370.00	113051.66	98.85	6.74%	6.78%	0.7733	0.7481	99.2206	100.7163	0.9274	-0.7481	0.0046	-0.7435	0.0075
6	IN0020120047	8.20% G.S. 2025	24-Sep-12	24-Sep-25	65424.74	66387.78	101.47	6.73%	6.82%	1.0034	0.9708	104.0585	106.0986	1.4541	-0.9708	0.0073	-0.9635	0.0102
7	IN0020030071	5.97% 2025	25-Sep-03	25-Sep-25	16687.95	16553.43	99.19	6.76%	6.79%	1.0206	0.9872	100.8001	102.8100	1.4842	-0.9872	0.0074	-0.9798	0.0100
8	IN0020200278	5.15% GS 2025	9-Nov-20	9-Nov-25	115215.24	113099.93	98.16	6.78%	6.81%	1.1483	1.1107	98.6813	100.8978	1.7990	-1.1107	0.0090	-1.1017	0.0111
9	IN0020150093	7.59% GS 2026	11-Jan-16	11-Jan-26	105297.33	106406.36	101.05	6.76%	6.81%	1.3045	1.2619	100.8511	103.4288	2.2422	-1.2619	0.0112	-1.2507	0.0129
10	IN0020190016	7.27% GS 2026	8-Apr-19	8-Apr-26	58248.95	58685.13	100.75	6.76%	6.83%	1.4978	1.4488	102.1700	105.1737	2.9025	-1.4488	0.0145	-1.4344	0.0150
11	IN0020210012	5.63% GS 2026	12-Apr-21	12-Apr-26	140303.14	137906.90	98.29	6.76%	6.82%	1.5295	1.4795	99.0098	101.9833	2.9881	-1.4795	0.0149	-1.4647	0.0149
12	IN0020230028	6.99% GS 2026	17-Apr-23	17-Apr-26	53299.04	53489.47	100.36	6.75%	6.82%	1.5262	1.4764	101.4735	104.5145	2.9936	-1.4764	0.0150	-1.4616	0.0152
13	IN0020120039	8.33% G.S. 2026	9-Jul-12	9-Jul-26	70415.00	72304.46	102.68	6.76%	6.83%	1.7379	1.6811	102.1822	105.6761	3.7534	-1.6811	0.0188	-1.6625	0.0175
14	IN0020160035	6.97% G.S. 2026	6-Sep-16	6-Sep-26	89743.39	90120.32	100.42	6.74%	6.84%	1.8488	1.7885	101.9926	105.7069	4.2698	-1.7885	0.0213	-1.7674	0.0186
15	IN0020010081	10.18% 2026	11-Sep-01	11-Sep-26	15000.00	15952.21	106.35	6.77%	6.85%	1.8038	1.7448	109.2665	113.1468	4.1564	-1.7448	0.0208	-1.7242	0.0194
16	IN0020230119	7.33% GS 2026	30-Oct-23	30-Oct-26	52000.00	52591.18	101.14	6.75%	6.82%	1.9918	1.9267	101.6493	105.6429	4.8582	-1.9267	0.0243	-1.9027	0.0200
17	IN0020210186	5.74% GS 2026	15-Nov-21	15-Nov-26	63765.59	62443.60	97.93	6.76%	6.83%	2.0653	1.9977	97.6678	101.6491	5.1349	-1.9977	0.0257	-1.9723	0.0199
18	IN0020140060	8.15% G S 2026	24-Nov-14	24-Nov-26	79153.63	81231.42	102.63	6.85%	6.86%	2.0426	1.9750	102.7994	106.9412	5.0863	-1.9750	0.0254	-1.9498	0.0207
19	IN0020060078	8.24% Government Stock 2027	15-Feb-07	15-Feb-27	102828.05	106194.14	103.27	6.77%	6.85%	2.2662	2.1920	101.4216	105.9669	6.0978	-2.1920	0.0305	-2.1618	0.0227
20	IN0020170026	6.79% GS 2027	15-May-17	15-May-27	119500.00	119543.64	100.04	6.77%	6.86%	2.4671	2.3863	99.6556	104.5272	7.2075	-2.3863	0.0360	-2.3507	0.0244
21	IN0020240043	7.02% GS 2027	27-May-24	27-May-27	18000.00	18116.13	100.65	6.75%	6.82%	2.4940	2.4126	100.0621	105.0086	7.3545	-2.4126	0.0368	-2.3762	0.0247
22	IN0020220037	7.38% GS 2027	20-Jun-22	20-Jun-27	125500.00	127480.14	101.58	6.75%	6.84%	2.5479	2.4648	100.5527	105.6337	7.6473	-2.4648	0.0382	-2.4270	0.0254
23	IN0020070036	8.26% Government Stock 2027	2-Aug-07	2-Aug-27	93382.29	96935.60	103.81	6.80%	6.86%	2.6407	2.5539	101.8669	107.2053	8.1672	-2.5539	0.0408	-2.5136	0.0267

**TABLE 3: OUTSTANDING GOVERNMENT DEBT (Contd.)**

Sr. No.	ISIN No.	Security	Issue Date	Maturity Date	Outstanding (₹ Crore)	Market Capitalization (₹ Crore)	Price (₹)	Yield (%)	Prev Month (%)	Duration	Mod Duration	V+ (for 100bps)	V- (for 100bps)	Convexity	Price Change Due to Modified Duration for 100bps (%)	Price Change Due to Convexity for 100bps(%)	Actual Change for 100bps increase in yield	PV01
24	IN0020070069	8.28% 2027	21-Sep-07	21-Sep-27	91516.43	95252.94	104.08	6.77%	6.86%	2.6721	2.5846	105.0457	110.6185	8.5802	-2.5846	0.0429	-2.5422	0.0279
25	IN0020170174	7.17% GS 2028	8-Jan-18	8-Jan-28	113632.93	114911.30	<b>101.13</b>	6.78%	6.87%	3.0092	2.9105	99.2787	105.2293	10.4738	-2.9105	0.0524	-2.8588	0.0297
26	IN0020220136	7.10% GOVT STOCK SGrB 2028	27-Jan-23	27-Jan-28	8000.00	8071.20	<b>100.89</b>	6.80%	6.89%	3.0645	2.9638	98.6238	104.6465	10.8088	-2.9638	0.0540	-2.9105	0.0301
27	IN0020020247	6.01% 2028	7-Aug-03	25-Mar-28	15000.00	14634.04	97.56	6.79%	6.86%	3.1721	3.0679	97.1655	103.3142	11.6886	-3.0679	0.0584	-3.0103	0.0307
28	IN0020230010	7.06% GS 2028	10-Apr-23	10-Apr-28	111000.00	111951.83	<b>100.86</b>	6.78%	6.84%	3.1619	3.0582	100.5325	106.8734	11.7071	-3.0582	0.0585	-3.0005	0.0317
29	IN0020140011	8.60% GS 2028	2-Jun-14	2-Jun-28	106230.30	112444.77	<b>105.85</b>	6.80%	6.89%	3.2364	3.1300	104.6850	111.4478	12.2906	-3.1300	0.0615	-3.0695	0.0338
30	IN0020030022	6.13% 2028	4-Jun-03	4-Jun-28	11000.00	10757.57	97.80	6.80%	7.04%	3.3576	3.2471	96.1335	102.5839	12.9173	-3.2471	0.0646	-3.1835	0.0322
31	IN0020230101	7.37% GS 2028	23-Oct-23	23-Oct-28	75000.00	76558.28	<b>102.08</b>	6.78%	6.84%	3.5599	3.4432	101.1891	108.4029	14.7837	-3.4432	0.0739	-3.3705	0.0360
32	IN0020230143	7.25% GOI SGrB 2028	13-Nov-23	13-Nov-28	5000.00	5080.17	<b>101.60</b>	6.80%	6.90%	3.6222	3.5031	100.2400	107.5148	15.2176	-3.5031	0.0761	-3.4282	0.0364
33	IN0020180454	7.26% GS 2029	14-Jan-19	14-Jan-29	130708.88	133043.86	<b>101.79</b>	6.78%	6.84%	3.7913	3.6671	99.0695	106.6085	16.4743	-3.6671	0.0824	-3.5861	0.0377
34	IN0020150069	7.59% GS 2029	19-Oct-15	20-Mar-29	132853.75	136963.31	<b>103.09</b>	6.79%	6.90%	3.8170	3.6918	102.6664	110.5337	17.1421	-3.6918	0.0857	-3.6076	0.0393
35	IN0020220011	7.10% GS 2029	18-Apr-22	18-Apr-29	158598.21	160505.99	<b>101.20</b>	6.79%	6.86%	3.9282	3.7992	99.9918	107.8858	17.9428	-3.7992	0.0897	-3.7111	0.0394
36	IN0020240050	7.04% GS 2029	3-Jun-24	3-Jun-29	48000.00	48521.47	<b>101.09</b>	6.77%	6.83%	4.0578	3.9251	98.8866	106.9622	18.9685	-3.9251	0.0948	-3.8319	0.0404
37	IN0020190362	6.45% GS 2029	7-Oct-19	7-Oct-29	114840.16	113163.49	<b>98.54</b>	6.79%	6.86%	4.3065	4.1650	97.0319	105.4608	21.4442	-4.1650	0.1072	-4.0599	0.0421
38	IN0020160118	6.79% GS 2029	26-Dec-16	26-Dec-29	119829.66	119615.52	<b>99.82</b>	6.83%	6.90%	4.4962	4.3478	96.7866	105.5796	23.1440	-4.3478	0.1157	-4.2344	0.0439
39	IN0020150028	7.88% GS 2030	11-May-15	19-Mar-30	128713.54	134717.85	104.66	6.85%	6.92%	4.4726	4.3244	103.6779	113.0440	23.6898	-4.3244	0.1184	-4.2084	0.0468
40	IN0020230036	7.17% GS 2030	17-Apr-23	17-Apr-30	103000.00	104617.41	<b>101.57</b>	6.83%	6.90%	4.6148	4.4625	99.7334	109.0439	24.8585	-4.4625	0.1243	-4.3408	0.0465
41	IN0020160019	7.61% GS 2030	9-May-16	9-May-30	100989.44	104474.70	103.45	6.86%	6.92%	4.6349	4.4812	101.2271	110.7183	25.1061	-4.4812	0.1255	-4.3582	0.0474
42	IN0020200070	5.79% GS 2030	11-May-20	11-May-30	111618.59	106182.76	<b>95.13</b>	6.83%	6.89%	4.8182	4.6589	92.5257	101.5615	26.4816	-4.6589	0.1324	-4.5293	0.0451
43	IN0020200153	5.77% GS 2030	3-Aug-20	3-Aug-30	123000.00	116740.78	<b>94.91</b>	6.83%	6.91%	5.0482	4.8816	90.8541	100.1717	28.7101	-4.8816	0.1436	-4.7411	0.0465
44	IN0020130053	9.20% GOVT. STOCK 2030	30-Sep-13	30-Sep-30	65560.49	73179.44	111.62	6.83%	6.92%	4.7052	4.5498	110.4011	120.9185	26.6763	-4.5498	0.1334	-4.4194	0.0525
45	IN0020230135	7.32% GS 2030	13-Nov-23	13-Nov-30	70000.00	71728.16	<b>102.47</b>	6.82%	6.89%	5.0017	4.8367	99.7713	109.9049	29.2218	-4.8367	0.1461	-4.6939	0.0506
46	IN0020200294	5.85% GS 2030	1-Dec-20	1-Dec-30	120831.69	114862.60	<b>95.06</b>	6.83%	6.87%	5.2148	5.0426	91.8171	101.5600	31.0388	-5.0426	0.1552	-4.8909	0.0487

TABLE 3: OUTSTANDING GOVERNMENT DEBT (Contd.)

Sr. No.	ISIN No.	Security	Issue Date	Maturity Date	Outstanding (₹ Crore)	Market Capitalization (₹ Crore)	Price (₹)	Yield (%)	Prev Month (%)	Duration	Mod Duration	V+ (for 100bps)	V- (for 100bps)	Convexity	Price Change Due to Modified Duration for 100bps (%)	Price Change Due to Convexity for 100bps(%)	Actual Change for 100pbs increase in yield	PV01
47	IN0020110055	8.97% G.S. 2030	5-Dec-11	5-Dec-30	93709.82	103749.07	110.71	6.83%	6.93%	4.9056	4.7435	107.6839	118.4001	28.5415	-4.7435	0.1427	-4.6040	0.0535
48	IN0020240076	7.02% GS 2031	18-Jun-24	18-Jun-31	33000.00	33335.18	<b>101.02</b>	6.83%	6.88%	5.4509	5.2709	97.2307	108.0403	34.5172	-5.2709	0.1726	-5.1025	0.0540
49	IN0020210095	6.10% G.S. 2031	12-Jul-21	12-Jul-31	152365.96	146149.28	<b>95.92</b>	6.85%	6.91%	5.6311	5.4446	91.6696	102.2153	36.2405	-5.4446	0.1812	-5.2678	0.0527
50	IN0020170042	6.68% GS 2031	1-Sep-17	17-Sep-31	118723.23	117551.67	<b>99.01</b>	6.86%	6.94%	5.5520	5.3679	96.7765	107.7443	36.3457	-5.3679	0.1817	-5.1907	0.0548
51	IN0020210244	6.54% GS 2032	17-Jan-22	17-Jan-32	156000.00	153047.39	<b>98.11</b>	6.87%	6.94%	5.9039	5.7078	93.4722	104.7755	40.2428	-5.7078	0.2012	-5.5118	0.0564
52	IN0020060086	8.28% Government Stock 2032	15-Feb-07	15-Feb-32	131247.30	141736.01	107.99	6.89%	6.96%	5.7625	5.5706	102.5509	114.6370	39.0088	-5.5706	0.1950	-5.3806	0.0604
53	IN0020070044	8.32% Government Stock 2032	2-Aug-07	2-Aug-32	105126.86	114039.19	108.48	6.91%	6.97%	6.0058	5.8052	103.0603	115.7482	42.7309	-5.8052	0.2137	-5.5974	0.0634
54	IN0020220060	7.26% GS 2032	22-Aug-22	22-Aug-32	148000.00	151370.85	<b>102.28</b>	6.88%	6.94%	6.2014	5.9951	96.5590	108.8591	44.8430	-5.9951	0.2242	-5.7771	0.0614
55	IN0020020106	7.95% 2032	28-Aug-02	28-Aug-32	149380.29	158824.67	106.32	6.91%	6.97%	6.1246	5.9202	100.3390	112.9513	44.0659	-5.9202	0.2203	-5.7059	0.0630
56	IN0020070077	8.33% 2032	21-Sep-07	21-Sep-32	1522.48	1655.84	108.76	6.89%	6.97%	5.9171	5.7199	106.2844	119.1659	42.7107	-5.7199	0.2136	-5.5123	0.0643
57	IN0020220144	7.29% GOVT STOCK SGrB 2033	27-Jan-23	27-Jan-33	8000.00	8195.55	102.44	6.90%	6.97%	6.4128	6.1989	97.0014	109.8045	48.4364	-6.1989	0.2422	-5.9637	0.0639
58	IN0020220151	7.26% GS 2033	6-Feb-23	6-Feb-33	150000.00	153391.35	<b>102.26</b>	6.90%	6.97%	6.4423	6.2274	96.6279	109.4441	48.7972	-6.2274	0.2440	-5.9905	0.0640
59	IN0020190065	7.57% GS 2033	20-May-19	17-Jun-33	134443.95	140113.39	104.22	6.92%	6.97%	6.5322	6.3138	99.3765	112.7519	51.0774	-6.3138	0.2554	-6.0661	0.0668
60	IN0020230085	7.18% GS 2033	14-Aug-23	14-Aug-33	201000.00	204764.13	<b>101.87</b>	6.90%	6.96%	6.7546	6.5295	95.8234	109.1906	53.8566	-6.5295	0.2693	-6.2684	0.0667
61	IN0020140052	8.24% G.S 2033	10-Nov-14	10-Nov-33	105189.31	114572.19	<b>108.92</b>	6.91%	6.97%	6.5882	6.3682	104.6708	118.8881	53.0830	-6.3682	0.2654	-6.1110	0.0710
62	IN0020160100	6.57% GS 2033	5-Dec-16	5-Dec-33	95960.48	93729.07	97.67	6.91%	6.98%	6.9405	6.7087	92.8786	106.2149	57.2934	-6.7087	0.2865	-6.4312	0.0666
63	IN0020230150	7.24% GOI SGrB 2033	11-Dec-23	11-Dec-33	5000.00	5130.93	<b>102.62</b>	6.85%	6.98%	6.8418	6.6151	97.6351	111.4457	56.1871	-6.6151	0.2809	-6.3430	0.0689
64	IN0020240019	7.10% GS 2034	8-Apr-24	8-Apr-34	160000.00	162589.92	<b>101.62</b>	6.87%	6.93%	6.9505	6.7198	97.7366	111.7953	58.8270	-6.7198	0.2941	-6.4352	0.0702
65	IN0020240100	6.90% GOI SGrB 2034	5-Aug-24	5-Aug-34	1697.40	1694.96	99.86	6.92%	-	7.3077	7.0633	93.5933	107.7941	63.6873	-7.0633	0.3184	-6.7555	0.0709
66	IN0020040039	7.50% 2034	10-Aug-04	10-Aug-34	106941.83	111371.46	<b>104.14</b>	6.92%	6.99%	7.2112	6.9702	97.6255	112.2290	62.4885	-6.9702	0.3124	-6.6681	0.0729
67	IN0020200096	6.19% GS 2034	1-Jun-20	16-Sep-34	128749.15	122131.44	<b>94.86</b>	6.91%	7.00%	7.3289	7.0842	91.0992	104.9651	65.0589	-7.0842	0.3253	-6.7698	0.0692
68	IN0020150051	7.73% GS 2034	12-Oct-15	19-Dec-34	110706.54	117288.04	<b>105.95</b>	6.91%	6.99%	7.2752	7.0322	100.2881	115.4328	64.7316	-7.0322	0.3237	-6.7196	0.0756
69	IN0020200245	6.22% GS 2035	2-Nov-20	16-Mar-35	113756.22	107943.28	<b>94.89</b>	6.91%	6.99%	7.5749	7.3219	90.9305	105.2700	69.9968	-7.3219	0.3500	-6.9842	0.0715

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Sr. No.	ISIN No.	Security	Issue Date	Maturity Date	Outstanding (₹ Crore)	Market Capitalization (₹ Crore)	Price (₹)	Yield (%)	Prev Month (%)	Duration	Mod Duration	V+ (for 100bps)	V- (for 100bps)	Convexity	Price Change Due to Modified Duration for 100bps (%)	Price Change Due to Convexity for 100bps(%)	Actual Change for 100bps increase in yield	PV01
70	IN0020210020	6.64% GS 2035	12-Apr-21	16-Jun-35	157283.97	153686.45	97.71	6.94%	7.00%	7.7237	7.4646	92.0617	106.8842	72.3272	-7.4646	0.3616	-7.1158	0.0739
71	IN0020050012	7.40% 2035	9-Sep-05	9-Sep-35	130572.93	135347.20	103.66	6.92%	7.00%	7.5292	7.2774	99.7775	115.4097	71.0968	-7.2774	0.3555	-6.9348	0.0780
72	IN0020210152	6.67% GS 2035	13-Sep-21	15-Dec-35	156411.89	153107.96	97.89	6.94%	7.01%	7.9534	7.6866	92.0499	107.3461	77.2623	-7.6866	0.3863	-7.3146	0.0763
73	IN0020220029	7.54% GS 2036	23-May-22	23-May-36	153904.05	161550.46	104.97	6.91%	6.99%	7.9302	7.6653	99.2414	115.6836	78.6086	-7.6653	0.3930	-7.2872	0.0820
74	IN0020060045	8.33% 2036	7-Jun-06	7-Jun-36	89123.94	99052.35	111.14	6.93%	7.01%	7.8088	7.5473	104.9883	122.0944	76.8417	-7.5473	0.3842	-7.1777	0.0853
75	IN0020220102	7.41% GS 2036	19-Dec-22	19-Dec-36	155079.64	161264.22	103.99	6.92%	6.98%	8.2456	7.9697	97.5141	114.3644	85.0653	-7.9697	0.4253	-7.5613	0.0840
76	IN0020230077	7.18% GS 2037	24-Jul-23	24-Jul-37	172000.00	175893.74	102.26	6.91%	6.98%	8.6088	8.3213	94.9061	112.0909	92.5661	-8.3213	0.4628	-7.8776	0.0857
77	IN0020080050	6.83% G.S. 2039	19-Jan-09	19-Jan-39	18644.63	18503.41	99.24	6.91%	6.98%	9.2830	8.9729	91.6027	109.6087	109.3893	-8.9729	0.5469	-8.4508	0.0897
78	IN0020240027	7.23% GS 2039	15-Apr-24	15-Apr-39	80000.00	82284.80	102.86	6.92%	7.00%	9.0974	8.7934	96.8647	115.4900	107.9262	-8.7934	0.5396	-8.2785	0.0928
79	IN0020190024	7.62% GS 2039	8-Apr-19	15-Sep-39	38150.90	40469.24	106.08	6.96%	7.00%	9.0761	8.7708	100.5688	119.8526	109.3161	-8.7708	0.5466	-8.2498	0.0961
80	IN0020100031	8.30% G.S. 2040	2-Jul-10	2-Jul-40	93015.68	104896.67	112.77	6.95%	6.99%	9.3783	9.0632	104.4422	125.1990	116.3590	-9.0632	0.5818	-8.5096	0.1034
81	IN0020110063	8.83% G.S. 2041	12-Dec-11	12-Dec-41	91771.39	108829.89	118.59	6.96%	7.00%	9.6679	9.3427	110.0138	132.6186	127.0701	-9.3427	0.6354	-8.7403	0.1126
82	IN0020120062	8.30% GOVT STOCK 2042	31-Dec-12	31-Dec-42	105699.94	120112.25	113.64	6.97%	7.00%	10.1251	9.7841	104.5448	127.1489	140.0102	-9.7841	0.7001	-9.1243	0.1125
83	IN0020190040	7.69% GS 2043	30-Apr-19	17-Jun-43	38920.29	41814.50	107.44	6.97%	7.00%	10.3844	10.0346	98.8562	120.8296	147.5711	-10.0346	0.7379	-9.3381	0.1093
84	IN0020130079	9.23% Govt Stock 2043	23-Dec-13	23-Dec-43	79472.28	98353.62	123.76	6.97%	7.01%	10.1633	9.8210	114.0519	138.8101	143.9545	-9.8210	0.7198	-9.1419	0.1232
85	IN0020140078	8.17% G.S. 2044	1-Dec-14	1-Dec-44	98958.74	111628.20	112.80	6.98%	7.01%	10.5979	10.2406	103.9564	127.5900	157.6138	-10.2406	0.7881	-9.4992	0.1175
86	IN0020150044	8.13% G.S. 2045	22-Jun-15	22-Jun-45	98000.00	110382.30	112.64	6.97%	7.00%	10.7922	10.4288	103.1829	127.1189	163.7412	-10.4288	0.8187	-9.6597	0.1190
87	IN0020160068	7.06% GS 2046	10-Oct-16	10-Oct-46	105500.13	106581.19	101.02	6.97%	7.01%	11.2465	10.8679	93.4078	116.0927	181.2512	-10.8679	0.9063	-10.0199	0.1127
88	IN0020190032	7.72% GS 2049	15-Apr-19	15-Jun-49	84540.31	92022.12	108.85	6.96%	7.03%	11.7309	11.3361	99.0112	124.2198	201.6755	-11.3361	1.0084	-10.3981	0.1252
89	IN0020200054	7.16% GS 2050	20-Apr-20	20-Sep-50	102695.81	104829.93	102.08	6.99%	7.05%	11.9082	11.5063	94.2254	118.6215	213.3590	-11.5063	1.0668	-10.5173	0.1210
90	IN0020200252	6.67% GS 2050	2-Nov-20	17-Dec-50	149162.33	143487.60	96.20	6.99%	7.05%	12.3116	11.8960	86.9886	110.3676	224.0022	-11.8960	1.1200	-10.8588	0.1160
91	IN0020160092	6.62% GS 2051	28-Nov-16	28-Nov-51	60650.19	57981.58	95.60	6.98%	7.05%	12.4386	12.0191	86.6723	110.2395	231.6568	-12.0191	1.1583	-10.9488	0.1169
92	IN0020210194	6.99% GS 2051	15-Nov-21	15-Dec-51	148358.61	148350.75	99.99	6.99%	7.05%	12.3548	11.9376	90.4463	114.8528	228.5524	-11.9376	1.1428	-10.8813	0.1210

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Sr. No.	ISIN No.	Security	Issue Date	Maturity Date	Outstanding (₹ Crore)	Market Capitalization (₹ Crore)	Price (₹)	Yield (%)	Prev Month (%)	Duration	Mod Duration	V+ (for 100bps)	V- (for 100bps)	Convexity	Price Change Due to Modified Duration for 100bps (%)	Price Change Due to Convexity for 100bps(%)	Actual Change for 100pbs increase in yield	PV01
93	IN0020220086	7.36% GS 2052	12-Sep-22	12-Sep-52	161966.57	169106.22	104.41	7.00%	7.05%	12.1242	11.7143	96.3729	121.8361	226.3282	-11.7143	1.1316	-10.6696	0.1263
94	IN0020230051	7.30% GS 2053	19-Jun-23	19-Jun-53	195000.00	202246.79	103.72	7.00%	7.06%	12.4838	12.0618	93.6574	119.2301	237.1117	-12.0618	1.1856	-10.9692	0.1268
95	IN0020230176	7.37% GOI SGrB 2054	22-Jan-24	23-Jan-54	10000.00	10523.99	105.24	6.95%	7.03%	12.6704	12.2449	94.2438	120.4183	243.8234	-12.2449	1.2191	-11.1228	0.1297
96	IN0020240118	7.09% GS 2054	5-Aug-24	5-Aug-54	20000.00	20167.32	100.84	7.02%	-	12.7859	12.3522	90.0078	115.2542	249.1155	-12.3522	1.2456	-11.2072	0.1251
97	IN0020150077	7.72% GS 2055	26-Oct-15	26-Oct-55	100969.24	109933.21	108.88	7.01%	7.04%	12.5309	12.1063	99.3363	126.5800	247.0387	-12.1063	1.2352	-10.9730	0.1349
98	IN0020190057	7.63% GS 2059	6-May-19	17-Jun-59	83461.95	89820.17	107.62	7.04%	7.05%	13.0421	12.5987	96.8070	124.5899	273.0092	-12.5987	1.3650	-11.3552	0.1374
99	IN0020200039	7.19% GS 2060	13-Apr-20	15-Sep-60	98381.04	100481.14	102.13	7.03%	7.05%	13.0418	12.5992	93.5244	120.3723	280.3301	-12.5992	1.4017	-11.3261	0.1327
100	IN0020200187	6.80% GS 2060	31-Aug-20	15-Dec-60	105856.19	102857.39	97.17	7.02%	7.05%	13.4080	12.9536	87.1506	112.9672	291.4960	-12.9536	1.4575	-11.6312	0.1276
101	IN0020200401	6.76% GS 2061	22-Feb-21	22-Feb-61	149021.97	144569.19	97.01	6.99%	7.05%	13.6392	13.1788	85.7037	111.5930	298.0533	-13.1788	1.4903	-11.8273	0.1280
102	IN0020210202	6.95% GS 2061	22-Nov-21	16-Dec-61	153137.95	151488.22	98.92	7.03%	7.08%	13.4296	12.9735	88.7060	115.0327	294.7330	-12.9735	1.4737	-11.6385	0.1301
103	IN0020220094	7.40% GS 2062	19-Sep-22	19-Sep-62	156549.03	164353.00	104.99	7.02%	7.05%	13.1646	12.7181	95.9772	123.8308	289.5471	-12.7181	1.4477	-11.4075	0.1376
104	IN0020230044	7.25% GS 2063	12-Jun-23	12-Jun-63	240000.00	246906.96	102.88	7.03%	7.10%	13.4537	12.9968	92.3215	119.7821	299.1250	-12.9968	1.4956	-11.6448	0.1356
105	IN0020240035	7.34% GS 2064	22-Apr-24	22-Apr-64	112000.00	116574.53	104.08	7.03%	7.10%	13.3626	12.9087	94.4004	122.2678	299.6496	-12.9087	1.4982	-11.5562	0.1376
106	IN0020230127	7.46% GS 2073	6-Nov-23	6-Nov-73	86000.00	91060.07	105.88	7.03%	7.09%	13.8529	13.3824	95.4257	124.8114	338.1681	-13.3824	1.6908	-11.8775	0.1447
					<b>10285164.83</b>	<b>10543458.39</b>				<b>6.9963</b>								



TABLE 3: OUTSTANDING GOVERNMENT DEBT (Contd.)

Sr. No.	ISIN No.	Security	Issue Date	Maturity Date	Outstanding (₹ Crore)	Market Capitalization (₹ Crore)	Price (₹)	Yield (%)	Prev Month (%)	Duration	Mod Duration	V+ (for 100bps)	V- (for 100bps)	Convexity	Price Change Due to Modified Duration for 100bps (%)	Price Change Due to Convexity for 100bps (%)	Actual Change for 100bps increase in yield	PV01
		Special Securities																
1	IN0020099019	8.20% Oil Marketing Companies' Government of India Special Bonds, 2024	15-Sep-09	15-Sep-24	9986.33	9993.16	100.07	6.07%	6.68%	0.0361	0.0350	103.8349	103.9097	0.0026	-0.0350	0.0000	-0.0360	0.0004
2	IN002004B019	GOI IDBI SPECIAL SECURITY 2024	29-Sep-04	29-Sep-24	4486.00	4462.48	99.48	-	-	-	-	-	-	-	-	-	-	-
3	IN0020060011	8.03% Government of India FCI Special Bonds, 2024	15-Dec-06	15-Dec-24	5000.00	5012.50	100.25	7.02%	6.92%	0.2861	0.2764	101.6823	102.2543	0.1573	-0.2764	0.0008	-0.2797	0.0029
4	IN0020089036	6.35% Oil Marketing Companies Government of India Special Bonds, 2024	23-Dec-08	23-Dec-24	21701.00	21654.67	99.79	6.97%	7.04%	0.3083	0.2979	100.6996	101.3094	0.1822	-0.2979	0.0009	-0.3009	0.0030
5	IN0020079029	7.95% Oil Marketing Companies Government of India Special Bonds 2025	18-Jan-08	18-Jan-25	5636.92	5655.33	100.33	6.99%	7.08%	0.3778	0.3650	100.9268	101.6725	0.2709	-0.3650	0.0014	-0.3667	0.0037
6	IN0020079052	8.40% Oil Marketing Companies Government of India Special Bonds, 2025	28-Mar-08	28-Mar-25	2056.92	2074.61	100.86	6.83%	7.03%	0.5522	0.5340	103.8984	105.0140	0.5523	-0.5340	0.0028	-0.5312	0.0056
7	IN0020089069	6.90% OIL MKTG COS GOI SB 2026	4-Feb-09	4-Feb-26	21942.00	21898.65	99.80	7.04%	7.12%	1.3727	1.3260	99.0207	101.6819	2.4353	-1.3260	0.0122	-1.3139	0.0133
8	IN0020079037	7.95% Fertilizer Companies Government of India Special Bonds, 2026	18-Feb-08	18-Feb-26	3550.87	3595.01	101.24	7.04%	7.12%	1.4049	1.3571	100.1868	102.9434	2.5384	-1.3571	0.0127	-1.3445	0.0138



**TABLE 3: OUTSTANDING GOVERNMENT DEBT (Contd.)**

Sr. No.	ISIN No.	Security	Issue Date	Maturity Date	Outstanding (₹ Crore)	Market Capitalization (₹ Crore)	Price (₹)	Yield (%)	Prev Month (%)	Duration	Mod Duration	V+ (for 100bps)	V- (for 100bps)	Convexity	Price Change Due to Modified Duration for 100bps (%)	Price Change Due to Convexity for 100bps (%)	Actual Change for 100bps increase in yield	PV01
9	IN0020089077	8.00% OIL MKT COS GOI SB 2026	23-Mar-09	23-Mar-26	10000.00	10143.31	101.43	7.01%	7.09%	1.4470	1.3980	103.5132	106.4484	2.7406	-1.3980	0.0137	-1.3844	0.0147
10	IN0020060102	8.40% Oil Marketing Companies Government of India Special Bonds, 2026	29-Mar-07	29-Mar-26	4971.00	5073.04	102.05	6.99%	7.08%	1.4590	1.4097	104.1484	107.1266	2.7832	-1.4097	0.0139	-1.3959	0.0149
11	IN0020060029	8.23% Government of India FCI Special Bonds, 2027	12-Feb-07	12-Feb-27	6200.00	6360.34	102.59	7.06%	7.14%	2.2573	2.1804	100.8274	105.3216	6.0400	-2.1804	0.0302	-2.1505	0.0225
					95531.04	95923.10				0.8644								

**Note: Traded Prices are as on August 31, 2024. CCIL Model Prices are as on August 31, 2024. Duration is calculated considering September 02, 2024 as settlement date.**

- 1 Modified Duration =  $\frac{\text{Duration}}{1 + \text{Yield}/2}$
- 2 V+ denotes the price due to 100 bps increase in yield; V- denotes the price due to 100 bps decrease in yield.
- 3 Convexity =  $\frac{(V^-) + (V^+) - 2P_0}{P_0 \times (0.01^2)}$  Where  $P_0$  denotes the current price before any change in yield.
- 4 Price Change Due to Modified Duration for 100bps (%) =  $D_{\text{mod}} \times (0.01) \times 100$  (A)
- 5 Price Change Due to Convexity for 100bps (%) = Convexity  $\times (0.01)^2 \times 100$  (B)
- 6 Expected price Change due to Duration and Convexity Effect (%) = (A) + (B)
- 7 Actual Change for 100bps (%) =  $\frac{V^+ - P_0}{P_0} \times 100$
- 8 PV01 denotes the difference between the actual price and the price of the security for 1 bp change in the yield.

**TABLE 3: OUTSTANDING GOVERNMENT DEBT (Contd.)**

Sr. No.	ISIN No.	Security	Issue Date	Maturity Date	Outstanding (₹ Crore)	Market Capitalization (₹ Crore)	Price (₹)
<b>Floating Rate / Inflation Linked Bonds</b>							
1	IN0020160084	FRB 2024 (7.03% - 182 day T-Bill)	7-Nov-16	7-Nov-24	11386.77	11392.06	100.05
2	IN0020210160	FRB 2028 (7.72%)	4-Oct-21	4-Oct-28	52816.46	53136.32	<b>100.61</b>
3	IN0020180041	FRB 2031 (7.98%)	7-May-18	7-Dec-31	139915.72	142405.53	101.78
4	IN0020200120	FRB 2033 (8.51%)	20-Jun-20	22-Sep-33	149481.97	153869.11	<b>102.93</b>
5	IN0020210137	FRB 2034 (8.00%)	29-Aug-21	30-Oct-34	54800.05	55402.85	<b>101.10</b>
6	IN0020042050	FRB 2035 (6.58%- reset every 5 years)	25-Jan-05	25-Jan-35	350.00	349.35	99.81
					<b>408750.97</b>	<b>416555.23</b>	
<b>Treasury Bills</b>							
1	IN002023Z257	364 DTB	6-Sep-23	5-Sep-24	7651.07	7642.80	99.89
2	IN002023Z265	364 DTB	13-Sep-23	12-Sep-24	8461.67	8441.86	99.77
3	IN002023Z273	364 DTB	20-Sep-23	19-Sep-24	11768.83	11733.04	<b>99.70</b>
4	IN002023Z281	364 DTB	27-Sep-23	27-Sep-24	8876.71	8832.00	99.50
5	IN002023Z299	364 DTB	4-Oct-23	3-Oct-24	9284.13	9227.37	99.39
6	IN002023Z307	364 DTB	11-Oct-23	10-Oct-24	9087.99	9025.97	<b>99.32</b>
7	IN002023Z315	364 DTB	18-Oct-23	17-Oct-24	9005.84	8933.15	<b>99.19</b>
8	IN002023Z323	364 DTB	25-Oct-23	24-Oct-24	9674.22	9584.09	<b>99.07</b>
9	IN002023Z331	364 DTB	1-Nov-23	31-Oct-24	9084.78	8988.53	<b>98.94</b>
10	IN002023Z349	364 DTB	8-Nov-23	7-Nov-24	9254.59	9140.08	98.76
11	IN002023Z356	364 DTB	15-Nov-23	14-Nov-24	9016.91	8894.08	98.64
12	IN002023Z364	364 DTB	22-Nov-23	21-Nov-24	9107.74	8972.32	98.51
13	IN002023Z372	364 DTB	29-Nov-23	28-Nov-24	9010.59	8871.57	<b>98.46</b>
14	IN002023Z380	364 DTB	6-Dec-23	5-Dec-24	10600.32	10416.32	98.26
15	IN002023Z398	364 DTB	13-Dec-23	12-Dec-24	9023.32	8857.15	<b>98.16</b>
16	IN002023Z406	364 DTB	20-Dec-23	19-Dec-24	9156.12	8974.45	98.02
17	IN002023Z414	364 DTB	27-Dec-23	26-Dec-24	11110.52	10876.29	97.89
18	IN002023Z422	364 DTB	3-Jan-24	2-Jan-25	9161.44	8956.95	97.77
19	IN002023Z430	364 DTB	10-Jan-24	9-Jan-25	9015.57	8807.93	<b>97.70</b>
20	IN002023Z448	364 DTB	17-Jan-24	16-Jan-25	9961.07	9718.28	<b>97.56</b>
21	IN002023Z455	364 DTB	24-Jan-24	23-Jan-25	11666.49	11362.83	97.40
22	IN002023Z463	364 DTB	31-Jan-24	30-Jan-25	9141.09	8891.89	97.27
23	IN002023Z471	364 DTB	7-Feb-24	6-Feb-25	9589.58	9316.34	97.15
24	IN002023Z489	364 DTB	14-Feb-24	13-Feb-25	9068.94	8799.37	97.03
25	IN002023Z505	364 DTB	21-Feb-24	20-Feb-25	9125.37	8842.91	96.90
26	IN002023Z513	364 DTB	28-Feb-24	27-Feb-25	9008.32	8722.88	<b>96.83</b>
27	IN002023Z521	364 DTB	6-Mar-24	6-Mar-25	9172.18	8865.75	96.66
28	IN002023Z539	364 DTB	13-Mar-24	13-Mar-25	9979.71	9634.07	96.54
29	IN002023Z547	364 DTB	20-Mar-24	20-Mar-25	9111.86	8785.13	96.41
30	IN002023Z562	364 DTB	27-Mar-24	27-Mar-25	9007.37	8673.37	96.29
31	IN002024Z016	364 DTB	3-Apr-24	3-Apr-25	8212.64	7904.07	<b>96.24</b>
32	IN002024Z024	364 DTB	10-Apr-24	11-Apr-25	8004.09	7686.36	96.03
33	IN002024Z032	364 DTB	18-Apr-24	18-Apr-25	8075.16	7750.31	<b>95.98</b>
34	IN002024Z040	364 DTB	24-Apr-24	24-Apr-25	8159.24	7816.89	95.80

TABLE 3: OUTSTANDING GOVERNMENT DEBT (Concl'd.)

Sr. No.	ISIN No.	Security	Issue Date	Maturity Date	Outstanding (₹ Crore)	Market Capitalization (₹ Crore)	Price (₹)
35	IN002024Z057	364 DTB	2-May-24	2-May-25	11210.96	10724.99	95.67
36	IN002024Z065	364 DTB	8-May-24	8-May-25	8528.45	8149.88	95.56
37	IN002024Z073	364 DTB	15-May-24	15-May-25	8048.41	7681.38	95.44
38	IN002024Z081	364 DTB	22-May-24	23-May-25	4118.64	3925.12	95.30
39	IN002024Z099	364 DTB	29-May-24	29-May-25	4010.90	3819.22	95.22
40	IN002024Z107	364 DTB	5-Jun-24	5-Jun-25	4082.47	3881.47	95.08
41	IN002024Z115	364 DTB	12-Jun-24	12-Jun-25	4269.65	4054.28	94.96
42	IN002024Z123	364 DTB	19-Jun-24	19-Jun-25	5415.67	5135.95	94.84
43	IN002024Z131	364 DTB	26-Jun-24	26-Jun-25	4442.50	4207.69	94.71
44	IN002024Z149	364 DTB	3-Jul-24	3-Jul-25	6098.99	5769.29	94.59
45	IN002024Z156	364 DTB	10-Jul-24	10-Jul-25	6412.07	6057.73	94.47
46	IN002024Z164	364 DTB	18-Jul-24	18-Jul-25	6013.96	5673.36	94.34
47	IN002024Z172	364 DTB	24-Jul-24	24-Jul-25	6071.19	5721.10	94.23
48	IN002024Z180	364 DTB	31-Jul-24	31-Jul-25	6344.54	5971.09	94.11
49	IN002024Z198	364 DTB	7-Aug-24	7-Aug-25	6246.72	5871.54	93.99
50	IN002024Z206	364 DTB	14-Aug-24	15-Aug-25	8763.86	8225.52	93.86
51	IN002024Z214	364 DTB	21-Aug-24	21-Aug-25	8018.66	7517.89	93.75
52	IN002024Z222	364 DTB	28-Aug-24	28-Aug-25	7111.59	6658.98	93.64
53	IN002023Y516	182 DTB	6-Mar-24	5-Sep-24	16300.00	16291.26	99.95
54	IN002023Y524	182 DTB	13-Mar-24	12-Sep-24	15800.00	15771.78	99.82
55	IN002023Y532	182 DTB	20-Mar-24	19-Sep-24	15783.30	15735.59	99.70
56	IN002023Y540	182 DTB	27-Mar-24	26-Sep-24	15000.00	14935.70	99.57
57	IN002024Y019	182 DTB	3-Apr-24	3-Oct-24	7000.00	6957.21	99.39
58	IN002024Y027	182 DTB	10-Apr-24	11-Oct-24	9664.16	9595.98	99.29
59	IN002024Y035	182 DTB	18-Apr-24	18-Oct-24	8723.75	8646.98	99.12
60	IN002024Y043	182 DTB	24-Apr-24	24-Oct-24	7872.00	7799.00	99.07
61	IN002024Y050	182 DTB	2-May-24	1-Nov-24	8500.00	8405.44	98.89
62	IN002024Y068	182 DTB	8-May-24	7-Nov-24	8422.78	8318.56	98.76
63	IN002024Y076	182 DTB	15-May-24	14-Nov-24	7151.43	7058.63	98.70
64	IN002024Y084	182 DTB	22-May-24	22-Nov-24	6000.00	5909.72	98.50
65	IN002024Y092	182 DTB	29-May-24	28-Nov-24	5000.00	4919.43	98.39
66	IN002024Y100	182 DTB	5-Jun-24	5-Dec-24	5000.00	4913.21	98.26
67	IN002024Y118	182 DTB	12-Jun-24	12-Dec-24	5000.00	4907.00	98.14
68	IN002024Y126	182 DTB	19-Jun-24	19-Dec-24	8550.00	8380.35	98.02
69	IN002024Y134	182 DTB	26-Jun-24	26-Dec-24	4000.00	3915.67	97.89
70	IN002024Y142	182 DTB	3-Jul-24	2-Jan-25	7000.00	6843.76	97.77
71	IN002024Y159	182 DTB	10-Jul-24	9-Jan-25	6000.00	5859.39	97.66
72	IN002024Y167	182 DTB	18-Jul-24	17-Jan-25	7500.00	7312.72	97.50
73	IN002024Y175	182 DTB	24-Jul-24	23-Jan-25	6654.84	6481.63	97.40
74	IN002024Y183	182 DTB	31-Jul-24	30-Jan-25	7625.00	7418.01	97.29
75	IN002024Y191	182 DTB	7-Aug-24	6-Feb-25	7500.00	7286.30	97.15
76	IN002024Y209	182 DTB	14-Aug-24	14-Feb-25	7000.00	6790.70	97.01
77	IN002024Y217	182 DTB	21-Aug-24	20-Feb-25	7000.00	6787.07	96.96

**TABLE 3: OUTSTANDING GOVERNMENT DEBT (Concl.d.)**

Sr. No.	ISIN No.	Security	Issue Date	Maturity Date	Outstanding (₹ Crore)	Market Capitalization (₹ Crore)	Price (₹)
78	IN002024Y225	182 DTB	28-Aug-24	27-Feb-25	6145.33	5947.56	96.78
79	IN002024X110	91 DTB	5-Jun-24	5-Sep-24	10500.00	10494.39	<b>99.95</b>
80	IN002024X128	91 DTB	12-Jun-24	12-Sep-24	8500.00	8484.87	<b>99.82</b>
81	IN002024X136	91 DTB	19-Jun-24	19-Sep-24	5200.00	5181.28	99.64
82	IN002024X144	91 DTB	26-Jun-24	26-Sep-24	6000.00	5970.86	99.51
83	IN002024X151	91 DTB	3-Jul-24	3-Oct-24	9900.00	9839.48	99.39
84	IN002024X169	91 DTB	10-Jul-24	10-Oct-24	21500.00	21341.59	99.26
85	IN002024X177	91 DTB	18-Jul-24	18-Oct-24	21540.00	21350.44	99.12
86	IN002024X185	91 DTB	24-Jul-24	24-Oct-24	14000.00	13861.77	99.01
87	IN002024X193	91 DTB	31-Jul-24	31-Oct-24	8700.00	8603.22	98.89
88	IN002024X201	91 DTB	7-Aug-24	7-Nov-24	17000.00	16789.65	98.76
89	IN002024X219	91 DTB	14-Aug-24	15-Nov-24	14047.00	13855.66	98.64
90	IN002024X227	91 DTB	21-Aug-24	21-Nov-24	17000.00	16753.43	<b>98.55</b>
91	IN002024X235	91 DTB	28-Aug-24	28-Nov-24	15000.00	14758.29	98.39
					<b>814924.29</b>	<b>797466.47</b>	

Note: Traded Prices are as on August 31, 2024. CCIL Model Prices are as on August 31, 2024. Duration is calculated considering September 02, 2024 as settlement date.

**TABLE 4: STATE DEVELOPMENT LOANS (SDLS) - OUTSTANDING ANALYSIS**

Sr. No.	State/Union Territory	No. of Bonds		Outstanding (₹ Crore)		Wtd. Avg. Coupon (%)	Wtd. Avg. Maturity (yrs.)
		No.	%Share	Value	%Share		
1	Andhra Pradesh	459	9.18	408238	6.96	7.50	10.10
2	Arunachal Pradesh	27	0.54	6507	0.11	7.57	5.47
3	Assam	159	3.18	104189	1.78	7.37	6.02
4	Bihar	144	2.88	224128	3.82	7.41	6.03
5	Chattisgarh	89	1.78	85339	1.46	7.38	4.71
6	Goa	156	3.12	19324	0.33	7.48	5.68
7	Gujarat	221	4.42	296505	5.06	7.51	4.46
8	Haryana	226	4.52	277619	4.74	7.59	7.38
9	Himachal Pradesh	144	2.88	57109	0.97	7.47	7.90
10	Jammu & Kashmir	157	3.14	80460	1.37	7.54	12.35
11	Jharkhand	66	1.32	57750	0.98	7.68	5.73
12	Karnataka	237	4.74	395793	6.75	7.42	7.61
13	Kerala	197	3.94	238880	4.07	7.56	11.69
14	Madhya Pradesh	134	2.68	234963	4.01	7.46	9.21
15	Maharashtra	212	4.24	532692	9.09	7.37	6.87
16	Manipur	73	1.46	11111	0.19	7.47	6.41
17	Meghalaya	87	1.74	13130	0.22	7.42	5.33
18	Mizoram	61	1.22	6222	0.11	7.43	8.55
19	Nagaland	66	1.32	13530	0.23	7.54	5.95
20	Odisha	22	0.44	15400	0.26	7.71	5.69
21	Puducherry	61	1.22	9454	0.16	7.38	7.02
22	Punjab	202	4.04	261970	4.47	7.55	10.04
23	Rajasthan	400	8.00	402192	6.86	7.52	8.29
24	Sikkim	48	0.96	10549	0.18	7.53	5.99
25	Tamil Nadu	398	7.96	642871	10.96	7.41	11.02
26	Telangana	300	6.00	346266	5.91	7.51	14.11
27	Tripura	30	0.60	9539	0.16	7.44	5.28
28	Uttar Pradesh	282	5.64	564513	9.63	7.56	6.19
29	Uttarakhand	107	2.14	49810	0.85	7.62	4.75
30	West Bengal	237	4.74	486942	8.31	7.52	9.96
	<b>Total</b>	<b>5002</b>		<b>5862993</b>		<b>7.49</b>	<b>8.61</b>

TABLE 5: OUTSTANDING - GOVERNMENT SECURITIES, TREASURY BILLS AND STATE DEVELOPMENT LOANS

Amount ₹ Crore

Month	Government Securities	Special Securities	Floating Rate Bonds	Treasury Bills#	State Development Loans*	UDAY Bonds	Total
Apr-06	931868	50904	46350	67073	239805		1335999
May-06	940819	50904	46350	76150	240105		1354328
Jun-06	955689	50904	46350	76538	240763		1370244
Jul-06	963689	50904	46350	84101	240763		1385807
Aug-06	970380	56152	46350	92801	242222		1407906
Sep-06	979380	56152	46350	95251	243272		1420406
Oct-06	988354	66152	46350	93359	243272		1437487
Nov-06	1002354	71152	44350	99852	243473		1461182
Dec-06	1011354	76413	44350	96860	245904		1474881
Jan-07	1020354	71564	44350	102420	247868		1486556
Feb-07	1028354	90999	44350	108913	247473		1520089
Mar-07	1058997	87257	44350	115474	251072		1557150
Apr-07	1071297	87257	44350	119966	254079		1576948
May-07	1077797	87257	44350	126189	250534		1586127
Jun-07	1102797	87257	44350	145982	252284		1632669
Jul-07	1128797	87257	44350	151565	255849		1667819
Aug-07	1169627	90937	44350	156380	253434		1714728
Sep-07	1191897	90237	44350	147412	256918		1730814
Oct-07	1236540	90237	44350	159450	259992		1790570
Nov-07	1256919	90237	44350	146252	262887		1800645
Dec-07	1263919	90238	44350	126327	268187		1793021
Jan-08	1273966	98370	44350	126951	276362		1819999
Feb-08	1288612	100655	44350	123605	289974		1847196
Mar-08	1288085	119948	44350	136140	302724		1891247
Apr-08	1319085	119948	44350	139593	310303		1933279
May-08	1320109	119948	44350	147980	307821		1940208
Jun-08	1332724	119948	44350	132825	311085		1940932
Jul-08	1347067	119948	44350	133660	313385		1958410
Aug-08	1348567	119948	44350	134161	313885		1960911
Sep-08	1361057	119948	44350	135752	315763		1976869
Oct-08	1371057	119650	44350	141435	318775		1995266
Nov-08	1371690	141650	44350	149632	319041		2026363
Dec-08	1374093	177650	44350	145070	327486		2068649
Jan-09	1403513	183650	44350	146567	338191		2116271
Feb-09	1421513	205592	44350	146762	356629		2174846
Mar-09	1468513	202220	44350	150274	369291		2234647
Apr-09	1478126	202220	44350	163473	414069		2302237
May-09	1526424	202220	44350	148275	414563		2335832

TABLE 5: OUTSTANDING - GOVERNMENT SECURITIES, TREASURY BILLS AND STATE DEVELOPMENT LOANS

Amount ₹ Crore

Month	Government Securities	Special Securities	Floating Rate Bonds	Treasury Bills#	State Development Loans*	UDAY Bonds	Total
Jun-09	1564424	202220	44350	146875	421563		2379432
Jul-09	1615424	202220	44350	141339	427513		2430846
Aug-09	1651424	202220	44350	138855	437473		2474321
Sep-09	1697424	212526	44350	141888	452223		2548411
Oct-09	1727424	212526	44350	134981	465742		2585023
Nov-09	1756424	212526	44350	134015	476964		2624279
Dec-09	1783424	212526	43350	134765	489096		2663161
Jan-10	1779888	211826	46350	134754	496443		2669261
Feb-10	1787888	208607	46350	134660	509677		2687182
Mar-10	1787888	208214	46350	137466	517406		2697324
Apr-10	1833888	208214	49350	136489	521552		2749493
May-10	1859012	208214	49350	144489	529259		2790324
Jun-10	1892239	208214	49350	131989	534974		2816765
Jul-10	1900110	208214	49350	116883	540925		2815482
Aug-10	1949367	208214	49350	122829	547426		2877186
Sep-10	1994117	208214	49350	123296	554535		2929512
Oct-10	2024969	208214	49350	127893	565737		2976163
Nov-10	2057964	208214	49350	117769	573112		3006409
Dec-10	2080493	208214	49350	125269	579027		3042353
Jan-11	2104647	208214	49350	126923	585835		3074969
Feb-11	2107565	208214	49350	127687	597643		3090459
Mar-11	2107565	209051	49350	141327	605804		3113096
Apr-11	2142092	209051	49350	169973	614027		3184493
May-11	2178092	209051	49350	201220	617839		3255552
Jun-11	2214092	209051	49350	221862	626839		3321194
Jul-11	2240092	202657	49350	245127	635951		3373176
Aug-11	2282230	202657	43350	258814	647704		3434755
Sep-11	2304230	202657	43350	221272	658254		3429763
Oct-11	2343983	202657	43350	224246	669336		3483572
Nov-11	2377983	202657	46350	230367	680524		3537881
Dec-11	2428983	202657	48350	212865	693053		3585908
Jan-12	2483983	202657	48350	232690	709032		3676712
Feb-12	2532978	202657	48350	271337	723973		3779295
Mar-12	2544978	205657	48350	267020	742412		3808417
Apr-12	2583978	205657	48350	302223	746077		3886286
May-12	2613978	205657	48350	308155	757649		3933790
Jun-12	2668404	205657	48350	328967	765210		4016589
Jul-12	2719363	205657	48350	333414	780870		4087653



TABLE 5: OUTSTANDING - GOVERNMENT SECURITIES, TREASURY BILLS AND STATE DEVELOPMENT LOANS

Amount ₹ Crore

Month	Government Securities	Special Securities	Floating Rate Bonds	Treasury Bills#	State Development Loans*	UDAY Bonds	Total
Aug-12	2794363	205657	48350	325174	791137		4164680
Sep-12	2829363	199894	48350	329499	808197		4215302
Oct-12	2868363	199894	48350	320097	828004		4264707
Nov-12	2933363	199894	43350	314676	842018		4333300
Dec-12	2969363	199894	43350	315531	852098		4380235
Jan-13	2981363	199894	43350	331631	868307		4424544
Feb-13	3017363	199824	43350	311165	874105		4445805
Mar-13	3017363	206718	43350	299764	889069		4456263
Apr-13	3062363	206718	43350	316620	897232		4526282
May-13	3121611	206718	43350	319429	900319		4591427
Jun-13	3167611	206718	45350	328052	904967		4652698
Jul-13	3227611	206718	45350	361889	908058		4749625
Aug-13	3291627	206718	45350	420017	919077		4882789
Sep-13	3283627	206718	43350	400722	933470		4867887
Oct-13	3328627	206718	44350	356220	954503		4890418
Nov-13	3404627	206718	45350	348626	969238		4974558
Dec-13	3449627	206718	45850	358896	998590		5059682
Jan-14	3493627	206718	45850	343239	1020094		5109528
Feb-14	3483764	206718	45850	343037	1038786		5118154
Mar-14	3468236	206718	45850	339134	1057036		5116974
Apr-14	3495485	206718	45850	364794	1063844		5176691
May-14	3543123	206718	40850	373360	1074358		5238410
Jun-14	3596123	206718	40850	386996	1084968		5315655
Jul-14	3654123	206718	40850	413357	1101018		5416066
Aug-14	3714123	206718	40850	401959	1113064		5476714
Sep-14	3731318	206718	40850	391263	1130969		5501117
Oct-14	3766967	206718	40850	386682	1154069		5555285
Nov-14	3783928	206718	40850	407548	1171930		5610973
Dec-14	3828928	206718	40850	397447	1191799		5665741
Jan-15	3897928	206718	40850	386132	1226927		5758555
Feb-15	3919664	206718	40850	373485	1251117		5791835
Mar-15	3918504	203218	40850	363704	1273078		5799353
Apr-15	3982504	203218	40850	380142	1289518		5896231
May-15	4027605	203218	40850	385666	1307332		5964670
Jun-15	4026428	203218	40850	412876	1320986		6004359
Jul-15	4099428	203218	34850	414403	1343186		6095085
Aug-15	4148224	203218	28850	405358	1353988		6139637
Sep-15	4144575	203218	28850	417949	1371627		6166220



TABLE 5: OUTSTANDING - GOVERNMENT SECURITIES, TREASURY BILLS AND STATE DEVELOPMENT LOANS

Amount ₹ Crore

Month	Government Securities	Special Securities	Floating Rate Bonds	Treasury Bills#	State Development Loans*	UDAY Bonds	Total
Oct-15	4212137	203218	28850	394818	1391237		6230260
Nov-15	4257137	203218	28850	406545	1423962		6319712
Dec-15	4287137	203218	28850	425648	1451236		6396089
Jan-16	4357137	203218	28850	408601	1485223		6483029
Feb-16	4338958	203218	25649	377224	1520469		6465517
Mar-16	4339910	203218	23502	364692	1540428	98960	6570710
Apr-16	4356296	203218	23502	382408	1554208	98960	6661056
May-16	4416296	203218	17502	404511	1567148	98960	6750129
Jun-16	4470296	203218	17502	431324	1589323	147653	6859315
Jul-16	4517166	203218	17502	429713	1609490	148428	6925515
Aug-16	4538072	203218	17502	436151	1634690	148428	6978061
Sep-16	4594072	203218	17502	420959	1662265	149764	7047780
Oct-16	4620612	203218	17502	417124	1698938	158538	7115931
Nov-16	4659922	203218	23502	425282	1743234	158538	7213695
Dec-16	4711922	203218	27502	1029229	1775589	159418	7906877
Jan-17	4663708	198704	59232	768364	1809180	159418	7658605
Feb-17	4662788	198704	61232	532616	1849043	182833	7487216
Mar-17	4652880	198704	61232	334802	1881996	208056	7337670
Apr-17	4673113	198704	67232	433304	1896359	208056	7476768
May-17	4727113	198704	73232	559579	1916234	208056	7682918
Jun-17	4774003	198704	86467	616316	1939549	208056	7823094
Jul-17	4781383	198704	89467	620714	1968622	208056	7866946
Aug-17	4805067	198704	95467	574967	2003625	208056	7885885
Sep-17	4862067	198704	101467	576061	2041785	208056	7988139
Oct-17	4903067	198704	104467	559317	2059293	208056	8032904
Nov-17	4941650	198704	113467	525212	2095411	208056	8082499
Dec-17	4972650	198704	116467	516297	2126087	208056	8138261
Jan-18	5004099	198704	122467	511273	2161891	208056	8206490
Feb-18	5012099	198704	125467	505334	2194186	208056	8243846
Mar-18	4998920	198704	125467	385283	2226427	203906	8138707
Apr-18	4969482	198704	131467	421793	2255507	203906	8180859
May-18	5010482	198704	138467	452677	2277123	203906	8281358
Jun-18	5052482	198704	144467	530102	2294803	201594	8422152
Jul-18	5094482	198704	150467	594181	2322126	201594	8561554
Aug-18	5144482	198704	157467	535672	2345665	201594	8583583
Sep-18	5160352	198704	164467	541104	2366391	201594	8632611
Oct-18	5201462	198704	167467	547232	2405406	201594	8721864
Nov-18	5232845	198704	170467	556565	2436144	201594	8796319

TABLE 5: OUTSTANDING - GOVERNMENT SECURITIES, TREASURY BILLS AND STATE DEVELOPMENT LOANS

Amount ₹ Crore

Month	Government Securities	Special Securities	Floating Rate Bonds	Treasury Bills#	State Development Loans*	UDAY Bonds	Total
Dec-18	5269017	198704	170467	534072	2469335	201594	8843189
Jan-19	5303252	198704	174467	511270	2511969	201594	8901256
Feb-19	5310189	198704	177467	510673	2565192	201420	8963646
Mar-19	5370189	198704	177467	420882	2581708	197270	8946220
Apr-19	5433204	198704	182467	449100	2603964	197270	9064709
May-19	5508216	198704	192467	510609	2619064	197270	9226330
Jun-19	5519001	198704	197467	532588	2643200	194958	9285917
Jul-19	5538830	198704	202467	516413	2680706	194958	9332078
Aug-19	5612529	198704	207468	550003	2712085	194958	9475747
Sep-19	5674591	198704	213468	546829	2740677	194958	9569227
Oct-19	5722766	198704	213468	537245	2784873	194958	9652014
Nov-19	5791357	198704	225468	540981	2818372	194958	9769839
Dec-19	5849847	198704	231468	514589	2862011	194958	9851577
Jan-20	5783228	198704	237468	575315	2919041	194958	9908713
Feb-20	5783228	198704	237468	595731	2971465	194784	9981379
Mar-20	5784180	198704	237468	538411	3077619	188607	10024987
Apr-20	5827571	198704	241468	619616	3126474	188607	10202439
May-20	5889307	198704	247468	831316	3166716	188607	10522116
Jun-20	5980862	198704	255468	881363	3220273	185061	10721730
Jul-20	6119278	198704	268670	975272	3259554	185061	11006538
Aug-20	6257701	198704	278728	946261	3307233	185061	11173688
Sep-20	6367885	198704	288798	982286	3380153	185061	11402886
Oct-20	6445703	198704	298703	937069	3436316	185061	11501555
Nov-20	6532783	198704	307895	879869	3483160	185061	11587471
Dec-20	6575444	198704	298933	839729	3536743	185061	11634613
Jan-21	6659490	198704	305791	786829	3581982	185061	11717857
Feb-21	6759766	198704	318241	748213	3647070	185061	11857054
Mar-21	6835337	194604	333049	681951	3739119	178884	11962943
Apr-21	6874763	194604	342869	765866	3739346	178884	12096331
May-21	6919685	194604	354745	837591	3779896	178884	12265403
Jun-21	7014984	194604	367650	940215	3853746	175338	12546537
Jul-21	7121254	194604	384200	876584	3889946	175338	12641926
Aug-21	7223096	194604	394115	828304	3935284	175338	12750740
Sep-21	7329869	194604	403229	763582	3978405	175338	12845027
Oct-21	7411206	189604	442288	730817	4016339	175338	12965592
Nov-21	7390966	184204	459482	716887	4045601	175338	12972478
Dec-21	7485966	184204	467482	692869	4082476	175338	13088334
Jan-22	7627966	155481	448152	694371	4138383	175338	13239692

TABLE 5: OUTSTANDING - GOVERNMENT SECURITIES, TREASURY BILLS AND STATE DEVELOPMENT LOANS

Amount ₹ Crore

Month	Government Securities	Special Securities	Floating Rate Bonds	Treasury Bills#	State Development Loans*	UDAY Bonds	Total
Feb-22	7607770	155481	452152	681191	4173913	170205	13240711
Mar-22	7607770	148481	452152	757198	4252091	158395	13376087
Apr-22	7702578	148481	460152	849411	4252451	158395	13571468
May-22	7776514	148481	468152	928296	4271670	158395	13751507
Jun-22	7840973	148481	474152	1022053	4313852	158395	13957906
Jul-22	7993970	148481	483152	1009269	4353027	158395	14146294
Aug-22	8074338	148481	477152	1010958	4395513	158395	14264837
Sep-22	8189990	148481	471152	920205	4430970	158395	14319193
Oct-22	8282789	143481	464152	882230	4476299	158395	14407345
Nov-22	8372293	143481	462152	898420	4515672	158395	14550413
Dec-22	8461138	136918	462152	839931	4554743	158395	14613278
Jan-23	8586607	135207	459152	836969	4613185	158395	14789514
Feb-23	8706607	135207	459152	820322	4686044	149078	14956409
Mar-23	8706607	125313	459152	823313	4782100	147215	15043700
Apr-23	8804036	125313	457152	886693	4791987	147215	15212396
May-23	8835992	125313	455752	944759	4855807	147215	15364838
Jun-23	8992875	125313	454299	1012301	4903895	147215	15635898
Jul-23	9128906	125313	453999	990645	4930214	147215	15776292
Aug-23	9267409	125313	451249	957652	4969874	147215	15918712
Sep-23	9450414	125313	443249	925317	5018414	147215	16109923
Oct-23	9577920	125313	443249	887147	5086932	147215	16267776
Nov-23	9575119	117302	428399	428399	5152507	147215	15848942
Dec-23	9667681	110527	421726	849151	5195359	147215	16391659
Jan-24	9748268	110527	416191	887403	5267174	147215	16576777
Feb-24	9849736	105527	416191	866316	5351524	145352	16734645
Mar-24	9849736	95531	416191	871662	5516440	135703	16885262
Apr-24	9973709	95531	416191	909968	5534639	135703	17065739
May-24	10071890	95531	414144	903004	5570154	135703	17190425
Jun-24	10094665	95531	408751	858193	5597702	135703	17190546
Jul-24	10149586	95531	408751	828188	5651480	135703	17269239
Aug-24	10285165	95531	408751	814924	5727290	135703	17467364

\*Does not include Power Bonds

# Includes MSS Issuances

**TABLE 6 : ANALYSIS OF OUTSTANDING BONDS**

Percent

Period	Market Share in Outstanding			Change			Annualized Change		
	G-Sec*	T-Bill	SDLs	G-Sec*	T-Bill	SDLs	G-Sec*	T-Bill	SDLs
2005-06	76.73	5.34	17.93	-	-	-	14.18	6.34	10.00
2006-07	76.32	7.46	16.22	16.00	62.86	5.50	15.13	32.82	7.63
2007-08	76.57	7.27	16.16	21.37	17.90	20.57	17.23	27.50	11.90
2008-09	76.66	6.75	16.59	18.97	10.38	21.99	17.67	22.89	14.40
2009-10	75.64	5.11	19.25	19.19	-8.52	40.11	17.98	15.73	19.21
2010-11	75.88	4.56	19.56	15.57	2.81	17.08	17.57	13.44	18.85
2011-12	73.38	7.04	19.58	18.43	88.94	22.55	17.69	22.12	19.38
2012-13	73.18	6.76	20.05	16.58	12.26	19.75	17.72	21.03	19.61
2013-14	72.64	6.66	20.70	13.97	13.13	18.52	17.29	20.11	19.49
2014-15	71.88	6.28	21.84	11.87	7.24	19.63	16.68	18.74	19.54
2015-16	69.61	5.56	24.83	9.71	0.27	27.98	16.02	16.90	20.37
2016-17	66.95	4.56	28.48	7.58	-8.20	27.49	15.28	14.54	21.02
2017-18	65.40	4.73	29.86	8.35	15.08	16.28	14.74	14.60	20.66
2018-19	64.23	4.70	31.06	7.95	9.24	14.35	14.24	14.20	20.19
2019-20	62.05	5.37	32.58	8.25	27.92	17.52	13.82	15.08	20.01
2020-21	61.55	5.70	32.75	18.37	26.66	19.96	14.11	15.78	20.01
2021-22	61.37	5.66	32.97	11.48	11.03	12.58	13.95	15.49	19.55
2022-23	61.76	5.47	32.77	13.19	8.73	11.76	13.87	15.06	19.06
2023-24	61.36	5.16	33.47	11.52	5.87	14.66	13.78	14.59	18.86
2024-25 (Upto Aug'24)	61.77	4.67	33.57	9.60	-14.90	14.58	13.70	13.85	18.65

\*Includes FRBs and Special Securities

## CCIL Indices

**TABLE 7: INDEX COMPOSITION**

No.	Liquid Index	Broad Index	CASBI Index	SDL Index
1	7.10% GS 2034	7.10% GS 2034	7.33% GS 2026	7.38% Uttar Pradesh SGS 2034
2	7.18% GS 2033	7.18% GS 2033	7.38% GS 2027	7.41% Punjab SGS 2034
3	7.32% GS 2030	7.32% GS 2030	7.37% GS 2028	7.47% Uttarakhand SGS 2034
4	7.23% GS 2039	7.23% GS 2039	7.04% GS 2029	7.39% Kerala SDL 2034
5	7.18% GS 2037	7.18% GS 2037	7.32% GS 2030	7.47% Chhattisgarh SGS 2034
6		7.37% GS 2028	7.02% GS 2031	7.44% Tamil Nadu SGS 2034
7		7.26% GS 2033	6.54% GS 2032	7.27% Maharashtra SGS 2034
8		7.30% GS 2053	7.18% GS 2033	7.37% Assam SGS 2034
9		7.34% GS 2064	7.10% GS 2034	7.44% Andhra Pradesh SGS 2033
10		7.02% GS 2031	7.40% GS 2035	7.36% Karnataka SGS 2034
11		7.04% GS 2029	7.54% GS 2036	7.63% Gujarat SGS 2034
12		7.06% GS 2028	7.18% GS 2037	7.44% Himachal Pradesh SGS 2034
13		7.38% GS 2027	7.23% GS 2039	7.29% Rajasthan SGS 2034
14		7.10% GS 2029	8.30% GS 2040	7.36% Haryana SGS 2034
15		6.54% GS 2032	8.30% GS 2042	
16		6.19% GS 2034	7.69% GS 2043	
17		7.26% GS 2032	8.17% GS 2044	
18		7.33% GS 2026	8.13% GS 2045	
19		7.17% GS 2030	7.06% GS 2046	
20		7.26% GS 2029	7.72% GS 2049	
21			6.67% GS 2050	
22			6.99% GS 2051	
23			7.36% GS 2052	
24			7.30% GS 2053	
25			7.63% GS 2059	
26			6.80% GS 2060	
27			6.95% GS 2061	
28			7.40% GS 2062	
29			7.25% GS 2063	
30			7.34% GS 2064	
31			7.46% GS 2073	

**TABLE 8: INDEX PERFORMANCE ANALYSIS**

Percent

Indices		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25 (Aug-2024)	
		Yearly Return (%)	Annualized Return (%)	Yearly Return (%)	Annualized Return (%)	Yearly Return (%)	Annualized Return (%)	Yearly Return (%)	Annualized Return (%)	Yearly Return (%)	Annualized Return (%)	Yearly Return (%)	Annualized Return (%)	Yearly Return (%)	Annualized Return (%)	Yearly Return (%)	Annualized Return (%)	Yearly Return (%)	Annualized Return (%)	Yearly Return (%)	Annualized Return (%)
		Bond Index Broad	TRI	7.5897	6.8625	11.0304	7.1775	4.3998	6.9767	9.1187	7.1180	12.8904	7.4701	8.2669	7.5168	5.6755	7.4130	4.5640	7.2612	9.1184	7.3533
	PRI	-0.2737	-1.2089	3.2763	-0.8709	-3.0063	-1.0250	1.1734	-0.8801	5.2266	-0.5089	1.4572	-0.3943	-0.9066	-0.4234	-2.4809	-0.5327	1.8065	-0.4171	2.2459	-0.3597
Bond Index Liquid	TRI	7.4502	6.2537	12.5535	6.7255	3.0525	6.4589	8.2976	6.5803	13.5368	7.0025	2.1565	6.7112	4.4518	6.5844	3.4087	6.4148	8.2509	6.5059	9.6826	6.5620
	PRI	-0.6877	-1.5402	4.7291	-1.0715	-3.9979	-1.2835	0.6431	-1.1564	6.0213	-0.7222	-0.0654	-0.6837	-1.6703	-0.7388	-2.8434	-0.8507	1.7801	-0.7207	2.2457	-0.6669
CASBI	TRI	7.2960	6.1683	11.6337	6.5790	4.5328	6.4315	8.5826	6.5734	14.8782	7.0746	6.6456	7.0493	3.4143	6.8441	4.9105	6.7414	9.7477	6.8897	10.5653	6.9612
	PRI	-0.1996	-1.6765	3.7745	-1.2675	-2.7222	-1.3721	0.7752	-1.2306	7.3227	-0.7164	-0.0570	-0.6777	-3.1864	-0.8188	-2.1843	-0.8911	2.4565	-0.7264	3.2249	-0.6421
Tenor Index (upto 5 yrs)	TRI	9.1140	6.8797	9.4471	7.0750	5.5970	6.9688	9.0549	7.1064	10.5583	7.3191	6.4711	7.2690	5.0023	7.1418	3.5804	6.9514	7.5232	6.9799	8.3563	7.0198
	PRI	1.1600	-1.4677	1.5884	-1.2359	-2.1442	-1.3010	0.9308	-1.1540	2.6372	-0.9210	-0.6998	-0.9080	-1.9267	-0.9649	-3.6714	-1.1092	0.1110	-1.0486	-0.0974	-1.0456
Tenor Index (5-10 yrs)	TRI	8.6360	6.6431	11.5919	7.0159	4.1392	6.8078	9.3223	6.9734	12.1092	7.2876	7.2290	7.2841	4.5362	7.1296	4.4207	6.9853	8.2491	7.0481	9.0277	7.1108
	PRI	0.3633	-1.5566	3.5733	-1.1712	-3.4212	-1.3336	1.1800	-1.1682	4.5510	-0.8199	0.2908	-0.7549	-2.3221	-0.8426	-2.7103	-0.9418	0.9825	-0.8465	1.7498	-0.7750
Tenor Index (10-15 yrs)	TRI	7.6530	6.4732	11.3622	6.8415	3.9927	6.6355	8.1708	6.7610	14.8325	7.2273	6.7110	7.1968	4.2273	7.0297	5.0824	6.9263	9.4440	7.0508	9.8697	7.1215
	PRI	-0.2331	-1.3945	3.7173	-1.0104	-3.2681	-1.1734	0.3958	-1.0680	7.1705	-0.5735	-0.3909	-0.5627	-2.8308	-0.6901	-2.3093	-0.7760	2.0040	-0.6388	2.4472	-0.5622
Tenor Index (15-20 yrs)	TRI	7.1293	6.2291	12.7853	6.7196	4.3787	6.5506	8.8868	6.7046	15.7354	7.2480	7.8783	7.2850	3.3689	7.0636	5.4468	6.9778	9.0611	7.0811	10.1596	7.1317
	PRI	-1.1418	-1.6157	4.8149	-1.1354	-3.1114	-1.2779	0.8002	-1.1409	7.8811	-0.5996	0.7469	-0.5209	-3.8112	-0.7066	-2.3332	-0.7929	2.4330	-0.6340	3.2984	-0.5372
Tenor Index (20-30 yrs)	TRI	6.3691	6.2031	13.0991	6.7183	4.8474	6.5835	7.8827	6.6694	17.2239	7.3005	6.8358	7.2731	1.5102	6.9445	5.4169	6.8636	11.0047	7.0669	11.8561	7.1470
	PRI	-1.2247	-1.8670	5.0834	-1.3491	-2.1580	-1.4071	0.4038	-1.2876	9.7961	-0.6287	-0.1601	-0.6012	-5.0162	-0.8517	-1.7887	-0.9013	3.3212	-0.6943	4.1930	-0.6091
T-Bill Index	Liquidity Weight	10.1342	9.1018	9.0972	9.1015	7.9534	9.0132	8.4903	8.9888	8.4113	8.9500	5.0825	8.7195	4.2661	8.4695	5.8795	8.3324	9.3467	8.3854	9.5401	8.4129
	Equal Weight	10.5240	9.1602	9.6757	9.1998	7.9508	9.1031	8.8345	9.0941	9.2297	9.1002	5.6948	8.8925	4.2444	8.6315	5.2965	8.4546	9.2888	8.4987	9.4515	8.5195
SDL Index	TRI	8.5516	8.6322	11.4257	8.9084	6.3922	8.6772	6.5867	8.5016	14.2380	8.8161	9.0643	8.8338	4.3837	8.5313	2.7208	8.1587	9.0529	8.2111	8.4530	8.2432
	PRI	0.3361	0.0071	3.4148	0.3428	-1.1482	0.2063	-1.6760	0.0481	7.4799	0.4922	1.9392	0.5948	-2.2808	0.4005	-3.8686	0.1282	2.1480	0.2459	1.5570	0.3057

**Notes:**

1. Annualized return for bond index, casbi index ,tenor index and T-Bill are calculated from 31-March-2004.
2. Annualized return for SDL index is calculated from 31-March-2007.

**Example:**

For the month of Oct-2018

Bond Index Yearly Return(%) = ((2680.04-2598.27)/2598.27)\*100= 3.14%

Bond Index Annualized TRI Return(%)=(2680.04/1016.01)^(1/14.58)-1 =6.877%

## Primary Market Analysis

**TABLE 9: SECURITIES & MONEY MARKET (PRIMARY): COMPARATIVE DATA**

	2024-25 (upto August 2024)	2023-24 (upto August 2023)	2023-24
<b>Dated Securities</b>			
<b>GOI Borrowing</b>			
Total no of Issues (including reissues)	52	68	145
Gross Amount Borrowed Excluding MSS (F.V ₹ Crore)	622000.00	713000.00	1523000.00
Weighted Average Maturity (years)	20.69	17.55	18.04
Weighted Average Yield (%)	7.07	7.18	7.24
<b>Sovereign Green Bonds Borrowing</b>			
Total no of Issues (including reissues)	1	0.00	4.00
Gross Amount Borrowed Excluding MSS (F.V ₹ Crore)	1697.40	0.00	20000.00
Weighted Average Maturity (years)	10.01	-	18.75
Weighted Average Yield (%)	6.90	-	7.25
Devolvements on PDs(F.V ₹ Crore)	0.00	0.00	0.00
Private Placements on RBI (F.V ₹ Crore)	-	-	-
Redemption (F.V ₹ Crore)	195546.14	158763.63	469910.77
Net Borrowings(F.V ₹ Crore)	428151.26	554236.37	1073089.23
Total Borrowing (including SGBs) (F.V ₹ Crore)	623697.40	713000.00	1543000.00
Budgeted Borrowing (F.V ₹ Crore)	1401000.00	1543000.00	1543000.00
% Completed of Total Borrowing	44.52	46.21	100.00
<b>Switch Auction</b>			
Amount of Source Security Accepted (F.V. ₹ Crore)	86211.34	42597.44	102993.55
Amount of Destination Security Issued (F.V. ₹ Crore)	86049.75	41261.03	100289.87
Net Switch (F.V. ₹ Crore)	-161.59	-1336.41	-2703.67
<b>Buybacks</b>			
Auctions (F.V. ₹ Crore)	30247.89	-	-
NDS-OM (F.V. ₹ Crore)	-	-	-
<b>SDL</b>			
Total no of Issues	261	244	782
Gross Amount Borrowed (F.V ₹ Crore)	303393.88	288010.01	1007058.29
Weighted Average Coupon (%)	7.35	7.41	7.52
<b>Cash Management Bill</b>			
Amount (F.V ₹ Crore)	-	-	-
Weighted Average Cut-off (%)	-	-	-
<b>91 Day Treasury Bills</b>			
Amount (F.V ₹ Crore)	308097.00	332025.00	644427.47
Weighted Average Cut-off (%)	6.80	6.79	6.86
<b>182 Day Treasury Bills</b>			
Amount (F.V ₹ Crore)	153309.29	256267.81	571191.61
Weighted Average Cut-off (%)	6.93	6.95	7.05
<b>364 Day Treasury Bill</b>			
Amount (F.V ₹ Crore)	147660.36	175302.65	457486.99
Weighted Average Cut-off (%)	6.95	6.96	7.06
<b>Benchmark Rates</b>			
Bank Rate(% p.a)(Effective Date)	6.75 (08-02-2023)	6.75 (08-02-2023)	6.75 (08-02-2023)
CRR Rate (% p.a.)(Effective Date)	4.50 (05-08-2022)	4.50 (05-08-2022)	4.50 (05-08-2022)
MSF (%) Effective Date)	6.75 (08-02-2023)	3.35 (22-05-2020)	6.75 (08-02-2023)
Repo Rate (%) (Effective Date)	6.50 (08-02-2024)	6.50 (08-06-2023)	6.50 (08-02-2024)
SDF (%) Effective Date)	6.25 (08-02-2024)	6.25 (08-06-2023)	6.25 (08-02-2024)
Call Money Range(%)	6.41 - 6.85	5.75 - 6.65	5.70 - 7.63

TABLE 10: LIQUIDITY ANALYSIS

Amount ₹ Crore

Financial Year	Gross Borrowing	Redemption	Net Borrowing	Outstanding	Coupon Payment
<b>Government Securities*</b>					
2018-19	571000	148263	422737	5746360	438169
2019-20	710000	236028	473972	6220351	473346
2020-21	1370324	231310	1139014	7362990	510196
2021-22	1127382	281679	845703	8208402	565337
2022-23	1421000	335907	1085093	9291072	628393
2023-24	1543000	469911	1073089	10361457	725840
2024-25 (upto Aug 2024)	623697	195546	428151	10789447	311051
<b>* including Special Securities and FRBs</b>					
<b>State Development Loans**</b>					
2018-19	478323	129678	348645	2778978	207236
2019-20	634521	147509	487011	3265990	235979
2020-21	798816	147039	651777	3917767	271073
2021-22	701626	209143	492483	4410486	311279
2022-23	758392	239562	518829	4929315	355813
2023-24	1007058	286231	720827	5652143	382306
2024-25 (upto Aug 2024)	303394	92543	210851	5862993	158649
<b>** excluding Power Bonds, including UDAY Bonds</b>					
<b>Treasury Bills</b>					
2018-19	1317081	1281482	35599	420882	
2019-20	1478834	1303017	175817	538411	
2020-21	1770335	1626796	143539	681951	
2021-22	1721379	1646132	75248	757198	
2022-23	1710475	1644361	66114	823313	
2023-24	1673106	1624757	48349	871662	
2024-25 (upto Aug 2024)	609067	665805	-56738	814924	



## Statistics

TABLE 11: CCIL SETTLEMENT DETAILS

Amount ₹ Crore

Settlement Period	Outright				Repo (First + Second Leg)				Forex*				TREP**			
	No of trades	Value	Avg. Trades	Avg. Vol	No of trades	Value	Avg. Trades	Avg. Vol	No of trades	Value (USD Million)	Avg. Trades	Avg. Vol (USD Million)	No of trades	Value	Avg. Trades	Avg. Vol
2002-03	191843	1076147	646	3623	23284	933509	78	3143	100232	136102	1101	1496	-	-	-	-
2003-04	243585	1575133	820	5303	41886	1887266	142	6419	330517	501342	1425	2161	-	-	-	-
2004-05	160682	1134222	550	3884	48726	3116185	167	10672	466327	899782	1976	3813	-	-	-	-
2005-06	125509	864751	467	3215	51332	3386870	176	11599	489649	1179688	2084	5020	-	-	-	-
2006-07	137100	1021536	562	4187	58009	5112560	199	17509	606808	1776981	2550	7466	-	-	-	-
2007-08	188843	1653851	765	6696	53258	7893536	182	27033	757074	3133665	3181	13167	-	-	-	-
2008-09	245964	2160233	1047	9192	48561	8187856	169	28529	837520	3758904	3657	16414	-	-	-	-
2009-10	316956	2913890	1332	12243	57289	12142409	201	42605	883949	2988971	3843	12996	-	-	-	-
2010-11	332540	2870952	1346	11623	54842	8207508	187	27917	1150037	4191037	4792	17463	-	-	-	-
2011-12	412266	3488203	1732	14656	59573	7524816	205	25858	1283178	4642573	5579	20185	-	-	-	-
2012-13	658055	6592032	2731	27353	83141	10804188	288	37385	1396138	4830933	6018	20823	-	-	-	-
2013-14	820330	8956699	3390	37011	92795	14454046	317	49331	1512215	4743321	6490	20358	-	-	-	-
2014-15	977948	10156162	4126	42853	109391	15735514	381	54828	1731706	5297790	7595	23236	-	-	-	-
2015-16	883167	9728541	3665	40367	135623	17249279	490	62272	1885129	5489286	8056	23458	-	-	-	-
2016-17	1342410	16874146	5570	70017	167888	23564763	622	87277	1926106	6274978	8302	27047	-	-	-	-
2017-18	918737	11399881	3812	47302	198953	25636498	748	96378	2174774	6494454	9294	27754	-	-	-	-
2018-19	806004	9355007	3331	38657	216207	27124989	804	100836	2375821	6814433	10197	29246	88670	14451590	821	133811
2019-20	963622	13308365	3982	54993	240106	29576007	899	110772	2125918	6987915	9085	29863	218370	40142194	818	150345
2020-21	628032	10032187	2574	41116	296538	45513599	1098	168569	1604383	6602489	6741	27742	242715	56850956	899	210559
2021-22	621461	8793301	2579	36487	308623	51015712	1160	191788	1990496	8008776	8543	34372	291979	82263925	1098	309263
2022-23	799008	10090700	3275	41355	407184	68032487	1508	251972	2516444	9851831	10800	42283	293947	94128105	1089	348623
2023-24	951010	13463848	3963	56099	494392	76718788	1852	287336	2492287	9778416	10743	42148	234937	80281951	880	300681
Apr-24	67748	1023439	3764	56858	38141	6510577	1907	325529	217296	880395	12072	48911	18902	6598519	945	329926
May-24	98058	1363203	4903	68160	42501	6669493	1932	303159	236580	812742	12452	42776	19232	6599952	874	299998
Jun-24	97478	1372786	5130	72252	41904	6414226	1905	291556	266876	833004	14826	46278	20579	7320931	935	332770
Jul-24	103142	1524120	4688	69278	44145	7150905	1839	297954	270933	887252	13547	44363	23295	8464077	971	352670
Aug-24	98761	1468219	4703	69915	41082	6391039	1712	266293	212997	823845	10143	39231	21802	7684775	908	320199
2024-25 (Upto August 2024)	465187	6751768	4652	67518	207773	33136239	1855	295859	1204681	4237239	12549	44138	103810	36668254	927	327395

\*Commenced operations from November 12, 2002, Cash and Tom settlement is with effect from February 5, 2004.

\*\*Launched on November 5, 2018

TABLE 12: CATEGORYWISE BUYING ACTIVITY

Percent

Category	Outright	Reverse Repo (Funds Lending)	TREP Lending	Uncollateralised Money Market Lending*	Forex	IRS-MIBOR	IRS-MIFOR
Co-operative Banks	1.69	0.15	0.33	54.27**	0.21	-	-
Financial Institutions	0.62	0.83	0.23	-	0.30	-	-
Foreign Banks	18.17	31.09	3.01	1.37	37.99	47.41	76.59
Insurance Companies	2.36	2.57	12.42	-	-	-	-
Mutual Funds	7.78	47.47	71.78	-	-	1.95	0.00
Others	6.09	0.35	9.43	-	-	-	-
Primary Dealers	16.31	4.71	0.00	0.00	-	14.53	0.00
Private Sector Banks	27.28	10.33	1.91	26.11	36.01	30.42	13.97
Public Sector Banks	19.69	2.50	0.90	18.26	25.49	5.70	9.44
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

\* Call, Notice and Term Money segment.

\*\* Includes Small Finance and Payment Banks

TABLE 13: CATEGORYWISE SELLING ACTIVITY

Percent

Category	Outright	Repo (Funds Borrowing)	TREP Borrowing	Uncollateralised Money Market Borrowing*	Forex	IRS-MIBOR	IRS-MIFOR
Co-operative Banks	1.71	0.40	1.14	5.01**	0.22	-	-
Financial Institutions	0.01	0.07	10.91	-	0.31	-	-
Foreign Banks	17.00	23.38	10.20	1.92	39.01	49.06	80.38
Insurance Companies	1.89	0.00	0.11	-	-	-	-
Mutual Funds	4.66	0.00	1.87	-	-	0.06	0.00
Others	5.43	2.28	6.45	-	-	-	-
Primary Dealers	20.45	47.67	8.49	82.30	-	16.16	0.00
Private Sector Banks	27.50	22.75	17.83	9.66	35.47	32.13	18.31
Public Sector Banks	21.35	3.45	42.99	1.11	25.00	2.59	1.31
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

\* Call, Notice and Term Money segment.

\*\* Includes Small Finance and Payment Banks

**TABLE 14: COMPARABLE RATES**

Percent

Date	Money Market Rates (WAR)			Benchmark Rates						Auction Cut-offs			Policy Rates	
	Call	Repo	TREP	FBIL-Overnight MIBOR (10:45 A.M.)	FBIL-MROR (10:45 A.M.)	FBIL-Term MIBOR 14 DAYS (11:45 A.M.)	FBIL-Term MIBOR 1 Month (11:45 A.M.)	FBIL-Term MIBOR 3 Months (11:45 A.M.)	10Y Benchmark (WAY)	91 DTB	182 DTB	364 DTB	LAF Repo	SDF Rate
1-Aug-24	6.4734	6.4339	6.3639	6.55	6.44	6.96	7.08	7.28	6.9135	-	-	-	6.50	6.25
2-Aug-24	6.4943	6.3880	6.2064	6.55	6.40	6.95	7.08	7.28	6.9034	-	-	-	6.50	6.25
3-Aug-24	6.0810	5.9532	5.8189	-	-	-	-	-	-	-	-	-	6.50	6.25
5-Aug-24	6.4431	6.3425	6.1846	6.55	6.34	6.95	7.07	7.27	6.8563	-	-	-	6.50	6.25
6-Aug-24	6.4093	6.3383	6.2354	6.50	6.34	6.92	7.07	7.26	6.8726	-	-	-	6.50	6.25
7-Aug-24	6.4756	6.3924	6.3574	6.50	6.35	6.91	7.07	7.26	6.8687	6.6351	6.7284	6.7300	6.50	6.25
8-Aug-24	6.6544	6.6782	6.6469	6.75	6.67	6.92	7.07	7.26	6.8719	-	-	-	6.50	6.25
9-Aug-24	6.5317	6.4735	6.3174	6.65	6.53	6.91	7.06	7.25	6.8840	-	-	-	6.50	6.25
12-Aug-24	6.4740	6.3853	6.2783	6.55	6.36	6.91	7.06	7.26	6.8763	-	-	-	6.50	6.25
13-Aug-24	6.4836	6.4266	6.3400	6.55	6.45	6.92	7.07	7.26	6.8787	-	-	-	6.50	6.25
14-Aug-24	6.4826	6.4465	6.3526	6.55	6.45	6.93	7.06	7.26	6.8646	6.6152	6.7282	6.7240	6.50	6.25
16-Aug-24	6.5169	6.4436	6.3657	6.55	6.44	6.93	7.07	7.27	6.8722	-	-	-	6.50	6.25
17-Aug-24	6.1705	6.3520	6.2535	-	-	-	-	-	-	-	-	-	6.50	6.25
19-Aug-24	6.4930	6.4416	6.3250	6.55	6.48	6.93	7.07	7.27	6.8632	-	-	-	6.50	6.25
20-Aug-24	6.5034	6.4781	6.3285	6.59	6.53	6.93	7.08	7.27	6.8548	-	-	-	6.50	6.25
21-Aug-24	6.5283	6.5019	6.4027	6.60	6.54	6.93	7.08	7.27	6.8497	6.6388	6.7239	6.7284	6.50	6.25
22-Aug-24	6.5192	6.4606	6.3815	6.60	6.49	6.93	7.08	7.27	6.8493	-	-	-	6.50	6.25
23-Aug-24	6.5253	6.4137	6.3233	6.60	6.44	6.92	7.08	7.27	6.8548	-	-	-	6.50	6.25
26-Aug-24	6.5243	6.3729	6.3242	6.60	6.41	6.92	7.08	7.27	6.8493	-	-	-	6.50	6.25
27-Aug-24	6.5111	6.3894	6.3986	6.60	6.42	6.92	7.08	7.27	6.8581	-	-	-	6.50	6.25
28-Aug-24	6.5591	6.4312	6.4646	6.60	6.47	6.92	7.08	7.27	6.8602	6.6342	6.7210	6.7175	6.50	6.25
29-Aug-24	6.6578	6.5979	6.6267	6.70	6.59	6.94	7.08	7.28	6.8647	-	-	-	6.50	6.25
30-Aug-24	6.7148	6.6078	6.5973	6.80	6.71	6.96	7.10	7.29	6.8656	-	-	-	6.50	6.25
31-Aug-24	6.1291	5.4996	6.1718	-	-	-	-	-	-	-	-	-	6.50	6.25
<b>Average</b>	<b>6.4732</b>	<b>6.3854</b>	<b>6.3361</b>	<b>6.59</b>	<b>6.47</b>	<b>6.93</b>	<b>7.07</b>	<b>7.27</b>	<b>6.8682</b>	<b>6.6308</b>	<b>6.7254</b>	<b>6.7250</b>	<b>6.50</b>	<b>6.25</b>
<b>Max</b>	<b>6.7148</b>	<b>6.6782</b>	<b>6.6469</b>	<b>6.80</b>	<b>6.71</b>	<b>6.96</b>	<b>7.10</b>	<b>7.29</b>	<b>6.9135</b>	<b>6.6388</b>	<b>6.7284</b>	<b>6.7300</b>	<b>6.50</b>	<b>6.25</b>
<b>Min</b>	<b>6.0810</b>	<b>5.4996</b>	<b>5.8189</b>	<b>6.50</b>	<b>6.34</b>	<b>6.91</b>	<b>7.06</b>	<b>7.25</b>	<b>6.8493</b>	<b>6.6152</b>	<b>6.7210</b>	<b>6.7175</b>	<b>6.50</b>	<b>6.25</b>
<b>SD</b>	<b>0.1505</b>	<b>0.2294</b>	<b>0.1660</b>	<b>0.08</b>	<b>0.10</b>	<b>0.02</b>	<b>0.01</b>	<b>0.01</b>	<b>0.0167</b>	<b>0.0106</b>	<b>0.0036</b>	<b>0.0056</b>	<b>0.00</b>	<b>0.00</b>

## GOVERNMENT SECURITIES MARKET SETTLEMENT ANALYSIS

**TABLE 15 : PROPRIETARY / CONSTITUENT SETTLEMENT ANALYSIS** Percent

Settlement Period	Outright				Repo			
	Proprietary		Constituent		Proprietary		Constituent	
	Trades	Value	Trades	Value	Trades	Value	Trades	Value
2002-03	80.54	87.54	19.46	12.46	99.58	99.81	0.42	0.19
2003-04	75.82	85.03	24.18	14.97	88.11	89.96	11.89	10.04
2004-05	75.96	81.95	24.04	18.05	81.83	86.21	18.17	13.79
2005-06	78.55	85.37	21.45	14.63	70.00	82.77	30.00	17.23
2006-07	87.78	90.06	12.22	9.94	70.67	85.01	29.33	14.99
2007-08	90.26	90.55	9.74	9.45	70.74	83.79	29.26	16.21
2008-09	89.48	88.32	10.52	11.68	72.60	87.98	27.40	12.02
2009-10	90.16	90.56	9.84	9.44	81.01	94.03	18.99	5.97
2010-11	89.23	89.92	10.77	10.08	80.58	89.37	19.42	10.63
2011-12	90.81	88.35	9.19	11.65	81.39	88.46	18.61	11.54
2012-13	89.69	87.05	10.31	12.95	90.89	92.91	9.11	7.09
2013-14	88.78	85.20	11.22	14.80	91.90	93.43	8.10	6.57
2014-15	89.88	88.50	10.12	11.50	94.15	93.04	5.85	6.96
2015-16	89.10	88.95	10.90	11.05	95.84	94.73	4.16	5.27
2016-17	87.56	87.62	12.44	12.38	95.46	94.19	4.54	5.81
2017-18	86.31	85.71	13.69	14.29	96.63	94.91	3.37	5.09
2018-19	85.71	84.28	14.29	15.72	96.13	93.30	3.87	6.70
2019-20	83.27	83.10	16.73	16.90	94.14	87.73	5.86	12.27
2020-21	76.81	80.07	23.19	19.93	90.74	83.75	9.26	16.25
2021-22	75.35	75.85	24.65	24.15	88.83	84.73	11.17	15.27
2022-23	75.78	76.72	24.22	23.28	78.87	72.93	21.13	27.07
2023-24	79.13	79.37	20.87	20.63	84.52	80.00	15.48	20.00
Apr-24	78.44	78.92	21.56	21.08	87.13	86.03	12.87	13.97
May-24	80.86	81.45	19.14	18.55	83.56	79.71	16.44	20.29
Jun-24	80.00	80.92	20.00	19.08	82.81	78.29	17.19	21.71
Jul-24	80.63	81.52	19.37	18.48	81.61	79.19	18.39	20.81
Aug-24	79.74	82.30	20.26	17.70	78.16	74.73	21.84	25.27
2024-25 (Upto August 2024)	80.04	81.16	19.96	18.84	82.58	79.60	17.42	20.40

TABLE 16: DEAL SIZE ANALYSIS										Percent	
Settlement Period	< 5 Cr		5 Cr		> 5 Cr <=10 Cr		>10 Cr <=20 Cr		> 20 Cr		
	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value	
2002-03	10.22	1.64	75.71	67.68	10.88	19.23	2.30	6.80	0.89	4.65	
2003-04	12.23	1.72	68.92	53.29	11.98	18.40	2.54	6.51	4.33	20.09	
2004-05	14.24	1.75	67.12	47.55	9.72	13.59	2.98	7.02	5.93	30.09	
2005-06	15.26	1.78	67.75	49.17	8.05	11.49	2.68	6.36	6.26	31.20	
2006-07	8.30	0.93	71.38	47.90	12.50	16.67	2.59	5.76	5.23	28.75	
2007-08	5.30	0.51	60.70	34.66	23.17	26.40	3.47	6.62	7.36	31.81	
2008-09	5.69	0.56	64.57	36.76	20.60	23.40	2.89	5.52	6.26	33.76	
2009-10	5.35	0.54	65.32	35.53	18.16	19.71	3.31	6.03	7.86	38.20	
2010-11	6.34	0.69	64.62	37.42	18.04	20.84	3.90	7.58	7.10	33.46	
2011-12	5.32	0.57	66.66	39.39	17.19	20.27	3.91	7.74	6.92	32.03	
2012-13	4.21	0.45	60.06	29.98	21.30	21.23	5.09	8.66	9.33	39.68	
2013-14	3.85	0.40	58.80	26.93	20.49	18.74	5.97	9.29	10.89	44.65	
2014-15	2.78	0.33	61.13	29.43	21.40	20.58	5.42	8.89	9.27	40.77	
2015-16	3.48	0.43	60.18	27.32	20.28	18.37	5.55	8.56	10.51	45.32	
2016-17	3.43	0.42	52.33	20.81	23.71	18.83	6.66	9.07	13.87	50.86	
2017-18	3.52	0.42	56.59	22.80	20.39	16.39	6.89	9.45	12.62	50.94	
2018-19	3.57	0.44	59.89	25.80	18.60	15.97	6.48	9.50	11.47	48.28	
2019-20	3.33	0.37	52.92	19.16	21.01	15.18	7.89	9.93	14.85	55.37	
2020-21	4.71	0.48	50.00	15.65	20.62	12.83	7.68	8.23	16.98	62.81	
2021-22	4.95	0.45	53.07	18.75	20.03	14.04	7.48	8.98	14.47	57.78	
2022-23	5.74	0.41	57.19	22.64	17.67	13.87	7.05	9.49	12.35	53.59	
2023-24	4.91	0.32	53.59	18.93	18.54	12.99	7.72	9.31	15.23	58.44	
Apr-24	5.56	0.29	50.26	16.64	19.88	13.02	7.86	8.91	16.44	61.14	
May-24	3.81	0.25	52.75	18.97	20.31	14.51	8.30	10.13	14.83	56.13	
Jun-24	3.93	0.29	51.09	18.14	21.12	14.94	8.43	10.36	15.43	56.28	
Jul-24	3.91	0.27	50.15	16.97	20.14	13.55	9.33	10.85	16.47	58.36	
Aug-24	4.52	0.31	50.62	17.03	19.56	13.08	8.48	9.77	0.00	59.81	
2024-25 (Upto August 2024)	4.26	0.28	51.01	17.57	20.22	13.84	8.53	10.08	15.98	58.22	

TABLE 17: T+2 TRADING SUMMARY			Amount ₹ Crore
Date	Trades	Face Value	
1-Aug-24	169	1182	
2-Aug-24	34	1140	
5-Aug-24	23	575	
6-Aug-24	21	558	
7-Aug-24	15	1120	
8-Aug-24	20	1410	
9-Aug-24	14	499	
12-Aug-24	5	46	
13-Aug-24	17	425	
14-Aug-24	6	325	
16-Aug-24	41	463	
19-Aug-24	6	308	
20-Aug-24	20	716	
21-Aug-24	138	643	
22-Aug-24	19	1615	
23-Aug-24	11	203	
26-Aug-24	13	2066	
27-Aug-24	161	830	
28-Aug-24	25	863	
29-Aug-24	49	317	
30-Aug-24	225	6504	
<b>Total</b>	<b>1032</b>	<b>21809</b>	

**TABLE 18: T+2 TRADES - HISTORICAL TRADING SUMMARY** Amount ₹ Crore

Month	Trades	Face Value
2015-16	2874	202905
2016-17	4127	323487
2017-18	3349	215160
2018-19	1878	116410
2019-20	2808	202625
2020-21	1908	101236
2021-22	1967	78549
2022-23	1666	79596
2023-24	2504	116984
Apr-24	200	16270
May-24	251	10281
Jun-24	904	21073
Jul-24	1050	23471
Aug-24	1032	21809
2024-25 (Upto August 2024)	3437	92904

**TABLE 19: INSTRUMENT WISE BREAKUP OF OUTRIGHT TRADES** Amount ₹ Crore

Settlement Period	Cen. Govt. Dated Securities			Treasury Bills			State Development Loans		
	Value	Avg. Value	% Share	Value	Avg. Value	% Share	Value	Avg. Value	% Share
2002-03	1032185	3475	95.91	37443	126	3.48	6519	22	0.61
2003-04	1458665	4911	92.61	102299	344	6.49	14169	48	0.90
2004-05	862820	2955	76.07	246703	845	21.75	24700	85	2.18
2005-06	657213	2443	76.00	189839	706	21.95	17700	66	2.05
2006-07	883248	4723	86.46	126956	679	12.43	11332	61	1.11
2007-08	1467704	5942	88.74	171914	696	10.39	14234	58	0.86
2008-09	1955412	8321	90.52	170436	725	7.89	34385	146	1.59
2009-10	2480850	10424	85.14	363283	1526	12.47	69757	293	2.39
2010-11	2552181	10333	88.90	275095	1114	9.58	43677	177	1.52
2011-12	3099108	13021	88.85	345237	1451	9.90	43859	184	1.26
2012-13	5920929	24568	89.82	552943	2294	8.39	118159	490	1.79
2013-14	7968661	32928	88.97	833191	3443	9.30	154847	640	1.73
2014-15	9149608	38606	90.09	823470	3475	8.11	183083	773	1.80
2015-16	8557672	35509	87.96	854390	3545	8.78	316479	1313	3.25
2016-17	15198472	63064	90.07	1073461	4454	6.36	602213	2499	3.57
2017-18	9830117	40789	86.23	1006055	4175	8.83	563709	2339	4.94
2018-19	7907618	32676	84.53	938339	3877	10.03	509050	2104	5.44
2019-20	11265755	46553	84.65	1356141	5604	10.19	686469	2837	5.16
2020-21	7596059	31131	75.72	1849833	7581	18.44	586295	2403	5.84
2021-22	6630083	27511	75.40	1484295	6159	16.88	678923	2817	7.72
2022-23	8049756	32991	79.77	1398339	5731	13.86	642605	2634	6.37
2023-24	10901607	45423	80.97	1849581	7707	13.74	712661	2969	5.29
Apr-24	822158	45675	80.33	166609	9256	16.28	34673	1926	3.39
May-24	1141780	57089	83.76	157818	7891	11.58	63605	3180	4.67
Jun-24	1168224	61485	85.10	128457	6761	9.36	76105	4006	5.54
Jul-24	1279215	58146	83.93	165500	7523	10.86	79406	3609	5.21
Aug-24	1241551	59121	84.56	139233	6630	9.48	87435	4164	5.96
2024-25 (Upto August 2024)	5652928	56529	83.73	757616	7576	11.22	341224	3412	5.05

**TABLE 20: TENOR WISE ACTIVITY - CENTRAL GOVERNMENT DATED SECURITIES** Percent

Year	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	Aug-24	2024-25
2003	0.40	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2004	1.82	1.31	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2005	0.44	0.79	2.40	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006	0.32	0.49	2.01	2.04	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2007	0.50	0.51	1.34	2.35	1.55	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008	3.58	2.73	2.04	2.06	1.44	0.31	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2009	2.81	3.18	5.43	2.64	2.83	11.43	4.27	0.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010	5.14	4.20	10.39	12.56	2.91	6.29	3.50	3.38	0.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2011	15.85	7.48	6.88	4.70	14.48	1.17	1.99	3.21	1.14	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012	21.42	12.04	4.66	8.19	4.27	0.56	1.04	2.94	2.38	0.82	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-
2013	9.21	7.53	2.13	6.48	0.59	2.99	1.92	1.57	1.29	0.12	0.08	0.05	-	-	-	-	-	-	-	-	-	-	-	-
2014	0.44	5.51	6.04	12.79	6.12	1.49	6.75	10.24	0.82	0.12	0.07	0.34	0.05	-	-	-	-	-	-	-	-	-	-	-
2015	7.89	5.70	25.34	1.38	1.56	3.50	1.78	5.38	8.21	0.43	0.35	0.57	0.62	0.38	-	-	-	-	-	-	-	-	-	-
2016	2.98	0.88	2.07	0.26	32.66	1.00	1.63	13.70	5.12	0.80	0.13	0.20	0.19	0.63	0.18	-	-	-	-	-	-	-	-	-
2017	17.65	25.82	16.64	22.60	17.69	47.01	5.84	1.05	6.76	1.05	4.57	4.86	0.24	0.79	0.84	0.05	-	-	-	-	-	-	-	-
2018	0.51	6.96	3.73	1.38	0.14	0.08	42.75	0.15	0.04	6.55	1.56	1.48	0.11	0.83	0.74	0.40	0.11	-	-	-	-	-	-	-
2019	0.99	3.94	2.24	0.18	0.09	0.03	2.44	24.90	0.10	0.02	3.82	2.02	1.65	1.58	0.81	1.58	0.19	-	-	-	-	-	-	-
2020	0.06	3.75	1.73	0.10	0.10	0.01	0.02	19.27	32.76	1.56	7.77	6.38	10.43	12.47	6.23	2.93	3.12	2.42	0.59	0.00	-	-	-	-
2021	2.24	0.46	0.17	14.21	3.64	0.57	3.71	4.92	0.03	53.20	8.26	0.60	0.11	0.66	1.66	1.12	1.19	1.27	2.24	0.99	-	-	-	-
2022	2.77	2.66	1.44	1.13	0.52	5.82	1.56	1.43	35.55	13.87	25.16	12.91	2.73	1.49	1.22	4.07	6.37	2.05	3.47	3.49	0.65	-	-	-
2023	-	2.38	1.33	0.10	0.07	0.67	2.27	0.53	0.08	0.07	0.01	26.74	26.46	8.71	7.44	3.21	4.73	3.14	2.52	2.05	1.48	0.77	-	-
2024	-	-	-	-	0.01	0.69	1.08	1.24	0.19	17.58	12.68	0.99	23.76	19.12	2.83	2.49	1.34	11.93	7.07	2.04	1.74	1.16	1.72	1.03
2025	-	-	-	-	-	0.16	1.30	0.30	0.05	0.01	10.78	13.02	0.16	20.27	3.87	2.44	0.33	0.74	8.74	5.21	1.37	1.05	0.31	0.52
2026	2.22	0.22	0.08	0.08	0.00	0.22	0.74	0.80	0.38	0.14	21.30	15.87	2.29	7.33	34.72	9.29	3.88	6.03	4.66	20.91	6.39	3.00	2.08	2.15
2027	-	-	-	-	0.04	0.67	2.97	2.35	2.95	1.31	0.86	7.98	6.25	1.12	0.51	29.72	2.47	1.19	2.94	1.67	9.76	4.81	1.38	1.61
2028	-	1.14	0.98	0.09	0.06	0.03	0.04	0.01	0.01	0.00	0.00	0.00	21.17	4.46	0.43	4.87	63.15	10.95	2.13	1.54	1.03	6.18	4.31	5.32
2029	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	2.97	13.50	20.05	1.87	50.42	15.23	2.12	3.82	2.04	2.39	2.30
2030	-	-	-	-	-	-	-	-	-	0.95	3.88	2.06	1.14	13.39	21.61	2.76	0.40	0.58	30.24	6.55	0.45	3.32	5.68	5.49
2031	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	12.39	6.63	0.70	0.73	21.57	1.76	0.31	2.52	1.43	1.43
2032	0.74	0.29	0.30	0.35	0.27	2.46	7.71	0.62	0.72	0.27	0.31	0.91	0.43	0.57	0.21	0.41	0.71	1.12	0.52	4.16	50.71	5.96	1.90	1.56
2033	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.18	0.71	0.26	0.85	0.33	4.92	3.51	1.47	1.77	47.79	12.72	25.42
2034	-	-	0.59	1.69	4.18	0.02	0.75	0.86	0.03	0.00	0.01	0.01	0.40	0.57	0.74	0.31	0.27	9.46	0.66	0.45	0.51	46.38	34.32	34.32
2035	-	-	-	2.55	0.08	0.01	0.26	0.26	0.01	0.00	0.00	0.10	0.02	0.03	0.12	0.11	0.63	0.26	2.99	20.66	3.05	0.47	0.94	0.52
2036	-	-	-	-	4.50	12.75	3.07	0.10	0.04	0.00	0.45	0.03	0.05	0.06	0.09	0.07	0.05	0.04	0.06	0.13	11.35	6.26	0.68	0.84
2037	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.03	9.02	2.98	5.22
2038	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.03	0.04	0.03	0.03
2039	-	-	-	-	-	-	0.63	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.03	0.01	0.31	0.21	0.10	0.07	0.09	5.15	4.28
2040	-	-	-	-	-	-	-	-	0.75	0.62	0.11	0.03	0.19	0.18	0.07	0.10	0.04	0.08	0.07	0.10	0.08	0.06	0.05	0.06
2041	-	-	-	-	-	-	-	-	-	0.36	1.34	0.58	0.14	0.11	0.07	0.06	0.07	0.10	0.10	0.13	0.08	0.08	0.04	0.06
2042	-	-	-	-	-	-	-	-	-	-	0.25	0.41	0.45	0.23	0.11	0.10	0.06	0.11	0.11	0.06	0.09	0.11	0.11	0.14
2043	-	-	-	-	-	-	-	-	-	-	-	0.05	0.61	0.23	0.13	0.04	0.04	0.22	0.15	0.08	0.08	0.09	0.06	0.05
2044	-	-	-	-	-	-	-	-	-	-	-	-	0.19	0.69	0.39	0.35	0.07	0.12	0.06	0.10	0.09	0.09	0.09	0.12
2045	-	-	-	-	-	-	-	-	-	-	-	-	-	0.52	0.34	0.16	0.09	0.08	0.06	0.07	0.07	0.06	0.04	0.05
2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	0.16	0.18	0.15	0.06	0.08	0.06	0.07	0.05	0.06
2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.01	0.03	0.03	0.04	0.03	0.03
2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.01	0.03	0.03	0.04	0.03	0.03
2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.20	0.05	0.10	0.07	0.06	0.05	0.06
2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.67	1.46	0.29	0.17	0.15	0.17
2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06	0.21	0.03	0.08	0.08	0.37	0.84	0.34	0.27	0.22
2052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.01	0.02	0.70	0.99	0.14	0.11
2053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.01	0.02	0.02	1.77	1.31	2.00
2054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.01	0.02	0.02	0.05	1.10	0.28
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	0.07	0.02	0.19	0.03	0.09	0.04	0.05	0.04	0.03	0.03
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.01	0.02	0.02	0.03	0.03	0.03	0.03
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.01	0.02	0.02	0.03	0.03	0.03	0.03
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.01	0.02	0.02	0.03	0.03	0.03	0.03
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27	0.06	0.04	0.04	0.05	0.05	0.04	0.04
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.99	0.25	0.10	0.17	0.08	0.07	0.07
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	1.57	0.81	0.31	0.19	0.16
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.50	0.58	0.07	0.07
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.87	0.42	1.15
2064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.61	2.15
2065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.01
2066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.01
2067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.01
2068	-</																							

**NETTING FACTOR**

Netting Factor denotes the extent of actual reduction achieved through multi-lateral offsetting of individual member fund obligations (arising out of every trade) to a single net fund obligation. This process has significantly reduced individual funding requirements for every member and also achieved reduction in market liquidity risk.

TABLE 21: NETTING FACTOR: FUNDS			Amount ₹ Crore
Settlement Period	Gross	Net	Netting Factor (%)
2002-03	2324017	653519	71.88
2003-04	4038385	979592	75.74
2004-05	4582506	1037355	77.36
2005-06	4460523	905062	79.71
2006-07	6275182	968185	84.57
2007-08	9646481	1596638	83.45
2008-09	10756665	1674892	84.43
2009-10	15502457	2642001	82.96
2010-11	11233653	2561298	77.20
2011-12	10996999	2191680	80.07
2012-13	17585265	3101477	82.36
2013-14	23207382	4256748	81.66
2014-15	26141572	4216733	83.87
2015-16	27433525	4352880	84.13
2016-17	42368619	6265051	85.21
2017-18	37795487	6679290	82.33
2018-19	36499037	6156934	83.13
2019-20	44378602	5481050	87.65
2020-21	58058500	6833064	88.23
2021-22	61336511	7139956	88.36
2022-23	77666841	8123047	89.54
2023-24	91071867	8467021	90.70
Apr-24	7603895	825980	89.14
May-24	8123911	692085	91.48
Jun-24	7916105	700925	91.15
Jul-24	8850547	774730	91.25
Aug-24	8073789	720423	91.08
2024-25 (Upto August 2024)	40568247	3714143	90.84



TABLE 22: NETTING FACTOR: SECURITIES

Amount ₹ Crore

Settlement Period	Gross	Net	Netting Factor (%)
2004-05	4250540	2462556	42.06
2005-06	4384775	2012523	54.10
2006-07	6123933	2418739	60.50
2007-08	9536455	3776777	60.40
2008-09	10365006	3750501	63.82
2009-10	15056277	6461619	57.08
2010-11	11078385	4883399	55.92
2011-12	11011992	4139464	62.41
2012-13	17395376	6568929	62.24
2013-14	23302555	9419626	59.58
2014-15	25891676	10026109	61.28
2015-16	26977725	10438154	61.31
2016-17	40603629	15078857	62.86
2017-18	37036379	15278527	58.75
2018-19	36479848	14837404	59.33
2019-20	42885776	15281923	64.37
2020-21	55545534	20190888	63.65
2021-22	59808865	22022026	63.18
2022-23	78123186	29179214	62.65
2023-24	90182636	33113553	63.28
Apr-24	7534016	2914935	61.31
May-24	8032696	2888531	64.04
Jun-24	7787012	2844682	63.47
Jul-24	8675025	3124539	63.98
Aug-24	7859258	2940502	62.59
2024-25 (Upto August 2024)	39888007	14713190	63.11

TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
1	7.10% GS 2034	IN0020240019	8-Apr-34	96	1896221	16.26	51008	565325	45.53	160000	353	19752	26920
2	7.18% GS 2033	IN0020230085	14-Aug-33	238	3732917	32.01	9365	114296	9.21	201000	57	15685	5443
3	7.23% GS 2039	IN0020240027	15-Apr-39	93	234882	2.01	4505	63105	5.08	80000	79	2526	3005
4	7.32% GS 2030	IN0020230135	13-Nov-30	191	367576	3.15	3087	48728	3.92	70000	70	1924	2320
5	7.34% GS 2064	IN0020240035	22-Apr-64	89	110119	0.94	2292	41566	3.35	112000	37	1237	1979
6	7.18% GS 2037	IN0020230077	24-Jul-37	238	1188479	10.19	2944	36575	2.95	172000	21	4994	1742
7	7.26% GS 2033	IN0020220151	6-Feb-33	237	629286	5.40	1717	33629	2.71	150000	22	2655	1601
8	7.02% GS 2031	IN0020240076	18-Jun-31	52	52342	0.45	1333	21408	1.72	33000	65	1007	1019
9	6.18% GS 2024	IN0020190396	4-Nov-24	116	28558	0.24	202	20925	1.69	77413	27	246	1101
10	7.04% GS 2029	IN0020240050	3-Jun-29	59	49365	0.42	771	19679	1.58	48000	41	837	937
11	7.37% GS 2028	IN0020230101	23-Oct-28	203	310384	2.66	1226	19391	1.56	75000	26	1529	970
12	7.06% GS 2028	IN0020230010	10-Apr-28	237	265721	2.28	761	17934	1.44	111000	16	1121	854
13	7.30% GS 2053	IN0020230051	19-Jun-53	238	255098	2.19	1248	15879	1.28	195000	8	1072	756
14	7.17% GS 2030	IN0020230036	17-Apr-30	225	133239	1.14	790	14482	1.17	103000	14	592	690
15	FRB 2028	IN0020210160	4-Oct-28	228	105929	0.91	400	13210	1.06	52816	25	465	661
16	7.09% GS 2054	IN0020240118	5-Aug-54	19	13185	0.11	927	13185	1.06	20000	66	694	694
17	7.26% GS 2032	IN0020220060	22-Aug-32	234	88235	0.76	563	12139	0.98	148000	8	377	607
18	6.54% GS 2032	IN0020210244	17-Jan-32	229	121418	1.04	598	8930	0.72	156000	6	530	425
19	6.99% GS 2026	IN0020230028	17-Apr-26	185	62265	0.53	154	8850	0.71	53299	17	337	632
20	5.63% GS 2026	IN0020210012	12-Apr-26	221	67710	0.58	142	8448	0.68	140303	6	306	469
21	FRB 2033	IN0020200120	22-Sep-33	224	83578	0.72	340	8172	0.66	149482	5	373	481
22	7.38% GS 2027	IN0020220037	20-Jun-27	237	205730	1.76	368	7474	0.60	125500	6	868	356
23	7.46% GS 2073	IN0020230127	6-Nov-73	140	41032	0.35	355	5708	0.46	86000	7	293	285

TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
24	7.40% GS 2035	IN0020050012	9-Sep-35	170	18524	0.16	415	5198	0.42	130573	4	109	260
25	6.10% GS 2031	IN0020210095	12-Jul-31	175	22394	0.19	311	4895	0.39	152366	3	128	272
26	FRB 2034	IN0020210137	30-Oct-34	161	22933	0.20	159	4734	0.38	54800	9	142	296
27	7.25% GS 2063	IN0020230044	12-Jun-63	237	203672	1.75	261	4694	0.38	240000	2	859	224
28	7.10% GS 2029	IN0020220011	18-Apr-29	237	147954	1.27	296	4550	0.37	158598	3	624	228
29	7.41% GS 2036	IN0020220102	19-Dec-36	227	65374	0.56	211	4057	0.33	155080	3	288	193
30	7.02% GS 2027	IN0020240043	27-May-27	35	10922	0.09	63	3820	0.31	18000	21	312	637
31	5.77% GS 2030	IN0020200153	3-Aug-30	113	8877	0.08	90	3537	0.28	123000	3	79	221
32	6.67% GS 2035	IN0020210152	15-Dec-35	175	16071	0.14	225	3455	0.28	156412	2	92	173
33	8.24% GS 2027	IN0020060078	15-Feb-27	138	10113	0.09	31	3272	0.26	102828	3	73	252
34	6.19% GS 2034	IN0020200096	16-Sep-34	124	19125	0.16	183	3259	0.26	128749	3	154	181
35	FRB 2031	IN0020180041	7-Dec-31	65	13326	0.11	63	3010	0.24	139916	2	205	215
36	7.34%GS22APR2064P	IN000464P017	22-Apr-64	15	10540	0.09	10	2930	0.24	-	-	703	586
37	7.54% GS 2036	IN0020220029	23-May-36	231	60344	0.52	176	2695	0.22	153904	2	261	135
38	6.99% GS 2051	IN0020210194	15-Dec-51	190	23615	0.20	241	2538	0.20	148359	2	124	127
39	6.79% GS 2029	IN0020160118	26-Dec-29	110	7258	0.06	80	2365	0.19	119830	2	66	169
40	7.46%GS06NOV2073P	IN001173P013	6-Nov-73	9	7650	0.07	8	2190	0.18	-	-	850	1095
41	5.74% GS 2026	IN0020210186	15-Nov-26	208	44505	0.38	64	2149	0.17	63766	3	214	126
42	6.64% GS 2035	IN0020210020	16-Jun-35	165	12935	0.11	87	2069	0.17	157284	1	78	122
43	5.22% GS 2025	IN0020200112	15-Jun-25	195	38677	0.33	57	1871	0.15	114370	2	198	110
44	7.59% GS 2026	IN0020150093	11-Jan-26	152	23283	0.20	29	1736	0.14	105297	2	153	145
45	7.88% GS 2030	IN0020150028	19-Mar-30	79	7675	0.07	27	1680	0.14	128714	1	97	140
46	6.76% GS 2061	IN0020200401	22-Feb-61	137	11825	0.10	137	1620	0.13	149022	1	86	95

TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
47	7.17% GS 2028	IN0020170174	8-Jan-28	155	17055	0.15	74	1579	0.13	113633	1	110	113
48	7.50% GS 2034	IN0020040039	10-Aug-34	157	17383	0.15	117	1460	0.12	106942	1	111	91
49	7.26% GS 2029	IN0020180454	14-Jan-29	145	24812	0.21	86	1438	0.12	130709	1	171	90
50	7.36% GS 2052	IN0020220086	12-Sep-52	199	46308	0.40	147	1360	0.11	161967	1	233	80
51	8.33% GS 2036	IN0020060045	7-Jun-36	91	8368	0.07	99	1259	0.10	89124	1	92	105
52	7.33% GS 2026	IN0020230119	30-Oct-26	155	63495	0.54	24	1180	0.10	52000	2	410	197
53	7.59% GS 2029	IN0020150069	20-Mar-29	90	4781	0.04	64	1146	0.09	132854	1	53	88
54	6.68% GS 2031	IN0020170042	17-Sep-31	118	8388	0.07	88	1011	0.08	118723	1	71	72
55	6.97% GS 2026	IN0020160035	6-Sep-26	87	6175	0.05	30	997	0.08	89743	1	71	100
56	6.67% GS 2050	IN0020200252	17-Dec-50	174	8070	0.07	143	901	0.07	149162	1	46	47
57	8.30% GS 2042	IN0020120062	31-Dec-42	86	11547	0.10	18	868	0.07	105700	1	134	96
58	8.28% GS 2027	IN0020070069	21-Sep-27	127	7351	0.06	46	862	0.07	91516	1	58	78
59	8.32% GS 2032	IN0020070044	2-Aug-32	94	5356	0.05	46	818	0.07	105127	1	57	117
60	8.15% GS 2026	IN0020140060	24-Nov-26	80	6201	0.05	24	755	0.06	79154	1	78	126
61	8.26% GS 2027	IN0020070036	2-Aug-27	140	5387	0.05	34	747	0.06	93382	1	38	68
62	7.72% GS 2025	IN0020150036	25-May-25	99	11105	0.10	15	735	0.06	76835	1	112	147
63	7.57% GS 2033	IN0020190065	17-Jun-33	104	8155	0.07	44	720	0.06	134444	1	78	103
64	8.17% GS 2044	IN0020140078	1-Dec-44	100	7867	0.07	19	689	0.06	98959	1	79	115
65	7.27% GS 2026	IN0020190016	8-Apr-26	78	6985	0.06	5	620	0.05	58249	1	90	155
66	7.16% GS 2050	IN0020200054	20-Sep-50	157	7558	0.06	67	574	0.05	102696	1	48	36
67	7.95% G.S 2032	IN0020020106	28-Aug-32	131	6008	0.05	37	568	0.05	149380	0	46	44
68	7.40% GS 2062	IN0020220094	19-Sep-62	131	18249	0.16	22	539	0.04	156549	0	139	60
69	6.79% GS 2027	IN0020170026	15-May-27	125	9803	0.08	48	500	0.04	119500	0	78	33

TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
70	6.80% GS 2060	IN0020200187	15-Dec-60	119	11128	0.10	69	488	0.04	105856	0	94	35
71	7.61% GS 2030	IN0020160019	9-May-30	75	3740	0.03	22	485	0.04	100989	0	50	69
72	8.60% GS 2028	IN0020140011	2-Jun-28	35	3067	0.03	10	485	0.04	106230	0	88	81
73	8.33% GS 2026	IN0020120039	9-Jul-26	120	10731	0.09	29	460	0.04	70415	1	89	33
74	8.28% GS 2032	IN0020060086	15-Feb-32	95	4097	0.04	20	448	0.04	131247	0	43	75
75	5.85% GS 2030	IN0020200294	1-Dec-30	98	5601	0.05	29	440	0.04	120832	0	57	49
76	6.22% GS 2035	IN0020200245	16-Mar-35	88	5638	0.05	27	422	0.03	113756	0	64	38
77	8.24% GS 2033	IN0020140052	10-Nov-33	110	5813	0.05	31	371	0.03	105189	0	53	93
78	6.95% GS 2061	IN0020210202	16-Dec-61	138	13836	0.12	85	361	0.03	153138	0	100	20
79	5.15% GS 2025	IN0020200278	9-Nov-25	148	11359	0.10	38	358	0.03	115215	0	77	30
80	6.62% GS 2051	IN0020160092	28-Nov-51	133	7008	0.06	72	330	0.03	60650	1	53	28
81	5.79% GS 2030	IN0020200070	11-May-30	120	2960	0.03	33	323	0.03	111619	0	25	27
82	7.73% GS 2034	IN0020150051	19-Dec-34	100	10610	0.09	21	302	0.02	110707	0	106	60
83	7.06% GS 2046	IN0020160068	10-Oct-46	142	3959	0.03	73	293	0.02	105500	0	28	20
84	6.90% SGrB 2034	IN0020240100	5-Aug-34	3	290	0.00	7	290	0.02	1697	17	97	97
85	6.57% GS 2033	IN0020160100	5-Dec-33	94	2047	0.02	42	277	0.02	95960	0	22	20
86	7.72% GS 2049	IN0020190032	15-Jun-49	79	2635	0.02	35	251	0.02	84540	0	33	19
87	7.10% SGrB 2028	IN0020220136	27-Jan-28	39	1060	0.01	15	226	0.02	8000	3	27	38
88	GS22OCT2024C	IN001024C040	22-Oct-24	12	345	0.00	7	209	0.02	-	-	29	42
89	8.30% GS 2040	IN0020100031	2-Jul-40	66	2941	0.03	8	202	0.02	93016	0	45	40
90	7.63% GS 2059	IN0020190057	17-Jun-59	46	2662	0.02	4	201	0.02	83462	0	58	67
91	7.25% SGrB 2028	IN0020230143	13-Nov-28	12	845	0.01	4	193	0.02	5000	4	70	64
92	6.45% GS 2029	IN0020190362	7-Oct-29	114	3122	0.03	31	187	0.02	114840	0	27	19

TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
93	6.83% GS 2039	IN0020080050	19-Jan-39	98	5081	0.04	66	186	0.01	18645	1	52	12
94	9.23% GS 2043	IN0020130079	23-Dec-43	61	1759	0.02	9	180	0.01	79472	0	29	45
95	GS22APR2025C	IN000425C040	22-Apr-25	14	335	0.00	7	174	0.01	-	-	24	29
96	7.69% GS 2043	IN0020190040	17-Jun-43	22	1881	0.02	8	165	0.01	38920	0	86	83
97	GS12JUN2031C	IN000631C043	12-Jun-31	42	1053	0.01	1	155	0.01	-	-	25	155
98	GS22OCT2027C	IN001027C035	22-Oct-27	10	290	0.00	6	154	0.01	-	-	29	39
99	7.19% GS 2060	IN0020200039	15-Sep-60	30	1678	0.01	11	152	0.01	98381	0	56	25
100	7.25%GS12JUN2063P	IN000663P014	12-Jun-63	37	23350	0.20	1	150	0.01	-	-	631	150
101	7.23%GS15APR2039P	IN000439P019	15-Apr-39	1	140	0.00	1	140	0.01	-	-	140	140
102	GS06MAY2031C	IN000531C029	6-May-31	9	288	0.00	5	135	0.01	-	-	32	34
103	GS06NOV2031C	IN001131C027	6-Nov-31	8	288	0.00	4	135	0.01	-	-	36	45
104	5.97% GS 2025	IN0020030071	25-Sep-25	29	2670	0.02	8	130	0.01	16688	1	92	65
105	6.01% GS 2028	IN0020020247	25-Mar-28	87	737	0.01	17	120	0.01	15000	1	8	11
106	8.13% GS 2045	IN0020150044	22-Jun-45	42	1952	0.02	5	120	0.01	98000	0	46	30
107	GS06NOV2030C	IN001130C029	6-Nov-30	7	256	0.00	4	119	0.01	-	-	37	30
108	GS22APR2031C	IN000431C030	22-Apr-31	15	315	0.00	7	118	0.01	-	-	21	24
109	7.62% GS 2039	IN0020190024	15-Sep-39	60	2680	0.02	9	117	0.01	38151	0	45	39
110	GS22APR2032C	IN000432C038	22-Apr-32	14	332	0.00	6	114	0.01	-	-	24	23
111	GS22OCT2026C	IN001026C037	22-Oct-26	12	239	0.00	6	111	0.01	-	-	20	28
112	GS22APR2027C	IN000427C038	22-Apr-27	10	244	0.00	5	108	0.01	-	-	24	36
113	GS22OCT2047C	IN001047C025	22-Oct-47	15	387	0.00	8	108	0.01	-	-	26	22
114	GS22APR2064C	IN000464C015	22-Apr-64	15	387	0.00	8	108	0.01	-	-	26	22
115	GS22OCT2063C	IN001063C014	22-Oct-63	15	387	0.00	8	108	0.01	-	-	26	22

TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
116	GS22APR2059C	IN000459C015	22-Apr-59	15	387	0.00	8	108	0.01	-	-	26	22
117	GS22APR2061C	IN000461C011	22-Apr-61	15	387	0.00	8	108	0.01	-	-	26	22
118	GS22OCT2045C	IN001045C037	22-Oct-45	15	387	0.00	8	108	0.01	-	-	26	22
119	GS22OCT2049C	IN001049C021	22-Oct-49	15	387	0.00	8	108	0.01	-	-	26	22
120	GS22OCT2050C	IN001050C029	22-Oct-50	15	387	0.00	8	108	0.01	-	-	26	22
121	GS22APR2049C	IN000449C024	22-Apr-49	15	387	0.00	8	108	0.01	-	-	26	22
122	GS22APR2043C	IN000443C035	22-Apr-43	15	387	0.00	8	108	0.01	-	-	26	22
123	GS22OCT2053C	IN001053C023	22-Oct-53	15	387	0.00	8	108	0.01	-	-	26	22
124	GS22APR2042C	IN000442C037	22-Apr-42	15	387	0.00	8	108	0.01	-	-	26	22
125	GS22APR2039C	IN000439C033	22-Apr-39	15	387	0.00	8	108	0.01	-	-	26	22
126	GS22APR2047C	IN000447C028	22-Apr-47	15	387	0.00	8	108	0.01	-	-	26	22
127	GS22APR2048C	IN000448C026	22-Apr-48	15	387	0.00	8	108	0.01	-	-	26	22
128	GS22APR2040C	IN000440C031	22-Apr-40	15	387	0.00	8	108	0.01	-	-	26	22
129	GS22APR2052C	IN000452C028	22-Apr-52	15	387	0.00	8	108	0.01	-	-	26	22
130	GS22OCT2060C	IN001060C010	22-Oct-60	15	387	0.00	8	108	0.01	-	-	26	22
131	GS22OCT2044C	IN001044C030	22-Oct-44	15	387	0.00	8	108	0.01	-	-	26	22
132	GS22OCT2043C	IN001043C032	22-Oct-43	15	387	0.00	8	108	0.01	-	-	26	22
133	GS22APR2053C	IN000453C026	22-Apr-53	15	387	0.00	8	108	0.01	-	-	26	22
134	GS22OCT2034C	IN001034C031	22-Oct-34	16	387	0.00	8	108	0.01	-	-	24	18
135	GS22OCT2046C	IN001046C035	22-Oct-46	15	387	0.00	8	108	0.01	-	-	26	22
136	GS22OCT2058C	IN001058C014	22-Oct-58	15	387	0.00	8	108	0.01	-	-	26	22
137	GS22APR2050C	IN000450C022	22-Apr-50	15	387	0.00	8	108	0.01	-	-	26	22
138	GS22APR2056C	IN000456C011	22-Apr-56	15	387	0.00	8	108	0.01	-	-	26	22

TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
139	GS22OCT2036C	IN001036C036	22-Oct-36	15	387	0.00	8	108	0.01	-	-	26	22
140	GS22OCT2059C	IN001059C012	22-Oct-59	15	387	0.00	8	108	0.01	-	-	26	22
141	GS22APR2046C	IN000446C038	22-Apr-46	15	387	0.00	8	108	0.01	-	-	26	22
142	GS22APR2051C	IN000451C020	22-Apr-51	15	387	0.00	8	108	0.01	-	-	26	22
143	GS22OCT2051C	IN001051C027	22-Oct-51	15	387	0.00	8	108	0.01	-	-	26	22
144	GS22OCT2055C	IN001055C028	22-Oct-55	15	387	0.00	8	108	0.01	-	-	26	22
145	GS22APR2036C	IN000436C039	22-Apr-36	15	387	0.00	8	108	0.01	-	-	26	22
146	GS22APR2044C	IN000444C033	22-Apr-44	15	387	0.00	8	108	0.01	-	-	26	22
147	GS22APR2058C	IN000458C017	22-Apr-58	15	387	0.00	8	108	0.01	-	-	26	22
148	GS22APR2060C	IN000460C013	22-Apr-60	15	387	0.00	8	108	0.01	-	-	26	22
149	GS22OCT2042C	IN001042C034	22-Oct-42	15	387	0.00	8	108	0.01	-	-	26	22
150	GS22OCT2052C	IN001052C025	22-Oct-52	15	387	0.00	8	108	0.01	-	-	26	22
151	GS22OCT2048C	IN001048C023	22-Oct-48	15	387	0.00	8	108	0.01	-	-	26	22
152	GS22APR2062C	IN000462C019	22-Apr-62	15	387	0.00	8	108	0.01	-	-	26	22
153	GS22OCT2037C	IN001037C034	22-Oct-37	15	387	0.00	8	108	0.01	-	-	26	22
154	GS22OCT2057C	IN001057C016	22-Oct-57	15	387	0.00	8	108	0.01	-	-	26	22
155	GS22OCT2035C	IN001035C038	22-Oct-35	15	387	0.00	8	108	0.01	-	-	26	22
156	GS22OCT2040C	IN001040C038	22-Oct-40	15	387	0.00	8	108	0.01	-	-	26	22
157	GS22APR2045C	IN000445C030	22-Apr-45	15	387	0.00	8	108	0.01	-	-	26	22
158	GS22APR2054C	IN000454C024	22-Apr-54	15	387	0.00	8	108	0.01	-	-	26	22
159	GS22APR2055C	IN000455C021	22-Apr-55	15	387	0.00	8	108	0.01	-	-	26	22
160	GS22OCT2061C	IN001061C018	22-Oct-61	15	387	0.00	8	108	0.01	-	-	26	22
161	GS22OCT2062C	IN001062C016	22-Oct-62	15	387	0.00	8	108	0.01	-	-	26	22



TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
162	GS22APR2057C	IN000457C019	22-Apr-57	15	387	0.00	8	108	0.01	-	-	26	22
163	GS22OCT2038C	IN001038C032	22-Oct-38	15	387	0.00	8	108	0.01	-	-	26	22
164	GS22OCT2056C	IN001056C018	22-Oct-56	15	387	0.00	8	108	0.01	-	-	26	22
165	GS22APR2035C	IN000435C031	22-Apr-35	15	387	0.00	8	108	0.01	-	-	26	22
166	GS22APR2037C	IN000437C037	22-Apr-37	15	387	0.00	8	108	0.01	-	-	26	22
167	GS22APR2038C	IN000438C035	22-Apr-38	15	387	0.00	8	108	0.01	-	-	26	22
168	GS22OCT2039C	IN001039C030	22-Oct-39	15	387	0.00	8	108	0.01	-	-	26	22
169	GS22OCT2041C	IN001041C036	22-Oct-41	15	387	0.00	8	108	0.01	-	-	26	22
170	GS22APR2063C	IN000463C017	22-Apr-63	15	387	0.00	8	108	0.01	-	-	26	22
171	GS22OCT2054C	IN001054C021	22-Oct-54	15	387	0.00	8	108	0.01	-	-	26	22
172	GS22APR2034C	IN000434C034	22-Apr-34	16	387	0.00	8	108	0.01	-	-	24	18
173	GS22APR2041C	IN000441C039	22-Apr-41	15	387	0.00	8	108	0.01	-	-	26	22
174	GS22APR2030C	IN000430C032	22-Apr-30	11	289	0.00	5	106	0.01	-	-	26	35
175	8.83% GS 2041	IN0020110063	12-Dec-41	55	2746	0.02	3	106	0.01	91771	0	50	35
176	GS22AUG2030C	IN000830C025	22-Aug-30	4	232	0.00	1	104	0.01	-	-	58	104
177	GS22AUG2031C	IN000831C023	22-Aug-31	2	121	0.00	1	104	0.01	-	-	61	104
178	GS22APR2026C	IN000426C048	22-Apr-26	12	239	0.00	6	103	0.01	-	-	20	26
179	8.97% GS 2030	IN0020110055	5-Dec-30	79	5709	0.05	1	100	0.01	93710	0	72	100
180	GS22OCT2031C	IN001031C037	22-Oct-31	14	270	0.00	8	98	0.01	-	-	19	16
181	GS19MAR2025C	IN000325C042	19-Mar-25	4	218	0.00	3	97	0.01	-	-	55	32
182	GS17JUN2031C	IN000631C035	17-Jun-31	2	114	0.00	1	95	0.01	-	-	57	95
183	GS17JUN2030C	IN000630C037	17-Jun-30	1	95	0.00	1	95	0.01	-	-	95	95
184	GS17DEC2031C	IN001231C033	17-Dec-31	2	114	0.00	1	95	0.01	-	-	57	95

TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
185	GS17DEC2030C	IN001230C035	17-Dec-30	2	120	0.00	1	95	0.01	-	-	60	95
186	GS22OCT2030C	IN001030C039	22-Oct-30	12	260	0.00	5	93	0.01	-	-	22	31
187	GS19MAR2026C	IN000326C040	19-Mar-26	9	471	0.00	2	93	0.01	-	-	52	47
188	GS19SEP2027C	IN000927C045	19-Sep-27	15	621	0.01	1	92	0.01	-	-	41	92
189	GS19SEP2026C	IN000926C047	19-Sep-26	10	437	0.00	1	88	0.01	-	-	44	88
190	GS22OCT2025C	IN001025C047	22-Oct-25	9	239	0.00	5	87	0.01	-	-	27	22
191	GS22OCT2029C	IN001029C031	22-Oct-29	11	285	0.00	5	83	0.01	-	-	26	28
192	GS06NOV2064C	IN001164C010	6-Nov-64	9	285	0.00	4	82	0.01	-	-	32	41
193	GS06MAY2057C	IN000557C016	6-May-57	9	285	0.00	4	82	0.01	-	-	32	41
194	GS06NOV2054C	IN001154C011	6-Nov-54	9	285	0.00	4	82	0.01	-	-	32	41
195	GS06MAY2039C	IN000539C014	6-May-39	9	285	0.00	4	82	0.01	-	-	32	41
196	GS06MAY2053C	IN000553C015	6-May-53	9	285	0.00	4	82	0.01	-	-	32	41
197	GS06MAY2046C	IN000546C019	6-May-46	9	285	0.00	4	82	0.01	-	-	32	41
198	GS06NOV2037C	IN001137C016	6-Nov-37	9	285	0.00	4	82	0.01	-	-	32	41
199	GS06MAY2034C	IN000534C015	6-May-34	10	285	0.00	4	82	0.01	-	-	29	41
200	GS06NOV2043C	IN001143C014	6-Nov-43	9	285	0.00	4	82	0.01	-	-	32	41
201	GS06MAY2033C	IN000533C025	6-May-33	10	285	0.00	4	82	0.01	-	-	29	41
202	GS06MAY2038C	IN000538C016	6-May-38	9	285	0.00	4	82	0.01	-	-	32	41
203	GS06MAY2060C	IN000560C010	6-May-60	9	285	0.00	4	82	0.01	-	-	32	41
204	GS06NOV2033C	IN001133C023	6-Nov-33	10	285	0.00	4	82	0.01	-	-	29	41
205	GS06MAY2041C	IN000541C010	6-May-41	9	285	0.00	4	82	0.01	-	-	32	41
206	GS06MAY2067C	IN000567C015	6-May-67	9	285	0.00	4	82	0.01	-	-	32	41
207	GS06MAY2037C	IN000537C018	6-May-37	9	285	0.00	4	82	0.01	-	-	32	41

**TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)**

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
208	GS06NOV2046C	IN001146C017	6-Nov-46	9	285	0.00	4	82	0.01	-	-	32	41
209	GS06NOV2041C	IN001141C018	6-Nov-41	9	285	0.00	4	82	0.01	-	-	32	41
210	GS06MAY2072C	IN000572C015	6-May-72	9	285	0.00	4	82	0.01	-	-	32	41
211	GS06NOV2044C	IN001144C012	6-Nov-44	9	285	0.00	4	82	0.01	-	-	32	41
212	GS06NOV2040C	IN001140C010	6-Nov-40	9	285	0.00	4	82	0.01	-	-	32	41
213	GS06NOV2057C	IN001157C014	6-Nov-57	9	285	0.00	4	82	0.01	-	-	32	41
214	GS06MAY2035C	IN000535C012	6-May-35	9	285	0.00	4	82	0.01	-	-	32	41
215	GS06MAY2052C	IN000552C017	6-May-52	9	285	0.00	4	82	0.01	-	-	32	41
216	GS06NOV2056C	IN001156C016	6-Nov-56	9	285	0.00	4	82	0.01	-	-	32	41
217	GS06NOV2058C	IN001158C012	6-Nov-58	9	285	0.00	4	82	0.01	-	-	32	41
218	GS06MAY2064C	IN000564C012	6-May-64	9	285	0.00	4	82	0.01	-	-	32	41
219	GS06NOV2059C	IN001159C010	6-Nov-59	9	285	0.00	4	82	0.01	-	-	32	41
220	GS06MAY2070C	IN000570C019	6-May-70	9	285	0.00	4	82	0.01	-	-	32	41
221	GS06MAY2071C	IN000571C017	6-May-71	9	285	0.00	4	82	0.01	-	-	32	41
222	GS06NOV2045C	IN001145C019	6-Nov-45	9	285	0.00	4	82	0.01	-	-	32	41
223	GS06MAY2048C	IN000548C015	6-May-48	9	285	0.00	4	82	0.01	-	-	32	41
224	GS06MAY2063C	IN000563C014	6-May-63	9	285	0.00	4	82	0.01	-	-	32	41
225	GS06NOV2039C	IN001139C012	6-Nov-39	9	285	0.00	4	82	0.01	-	-	32	41
226	GS06MAY2069C	IN000569C011	6-May-69	9	285	0.00	4	82	0.01	-	-	32	41
227	GS06MAY2061C	IN000561C018	6-May-61	9	285	0.00	4	82	0.01	-	-	32	41
228	GS06MAY2065C	IN000565C019	6-May-65	9	285	0.00	4	82	0.01	-	-	32	41
229	GS06NOV2065C	IN001165C017	6-Nov-65	9	285	0.00	4	82	0.01	-	-	32	41
230	GS06MAY2050C	IN000550C011	6-May-50	9	285	0.00	4	82	0.01	-	-	32	41

**TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)**

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
231	GS06NOV2051C	IN001151C017	6-Nov-51	9	285	0.00	4	82	0.01	-	-	32	41
232	GS06NOV2055C	IN001155C018	6-Nov-55	9	285	0.00	4	82	0.01	-	-	32	41
233	GS06NOV2062C	IN001162C014	6-Nov-62	9	285	0.00	4	82	0.01	-	-	32	41
234	GS06NOV2067C	IN001167C013	6-Nov-67	9	285	0.00	4	82	0.01	-	-	32	41
235	GS06MAY2040C	IN000540C012	6-May-40	9	285	0.00	4	82	0.01	-	-	32	41
236	GS06NOV2036C	IN001136C018	6-Nov-36	9	285	0.00	4	82	0.01	-	-	32	41
237	GS06NOV2061C	IN001161C016	6-Nov-61	9	285	0.00	4	82	0.01	-	-	32	41
238	GS06NOV2073C	IN001173C011	6-Nov-73	9	285	0.00	4	82	0.01	-	-	32	41
239	GS06NOV2049C	IN001149C011	6-Nov-49	9	285	0.00	4	82	0.01	-	-	32	41
240	GS06MAY2047C	IN000547C017	6-May-47	9	285	0.00	4	82	0.01	-	-	32	41
241	GS06NOV2047C	IN001147C015	6-Nov-47	9	285	0.00	4	82	0.01	-	-	32	41
242	GS06MAY2058C	IN000558C014	6-May-58	9	285	0.00	4	82	0.01	-	-	32	41
243	GS06MAY2068C	IN000568C013	6-May-68	9	285	0.00	4	82	0.01	-	-	32	41
244	GS06NOV2068C	IN001168C011	6-Nov-68	9	285	0.00	4	82	0.01	-	-	32	41
245	GS06NOV2069C	IN001169C019	6-Nov-69	9	285	0.00	4	82	0.01	-	-	32	41
246	GS06NOV2071C	IN001171C015	6-Nov-71	9	285	0.00	4	82	0.01	-	-	32	41
247	GS06MAY2056C	IN000556C018	6-May-56	9	285	0.00	4	82	0.01	-	-	32	41
248	GS06NOV2072C	IN001172C013	6-Nov-72	9	285	0.00	4	82	0.01	-	-	32	41
249	GS06MAY2043C	IN000543C016	6-May-43	9	285	0.00	4	82	0.01	-	-	32	41
250	GS06NOV2063C	IN001163C012	6-Nov-63	9	285	0.00	4	82	0.01	-	-	32	41
251	GS06NOV2070C	IN001170C017	6-Nov-70	9	285	0.00	4	82	0.01	-	-	32	41
252	GS06NOV2038C	IN001138C014	6-Nov-38	9	285	0.00	4	82	0.01	-	-	32	41
253	GS06MAY2055C	IN000555C010	6-May-55	9	285	0.00	4	82	0.01	-	-	32	41

TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
254	GS06MAY2066C	IN000566C017	6-May-66	9	285	0.00	4	82	0.01	-	-	32	41
255	GS06NOV2034C	IN001134C013	6-Nov-34	11	285	0.00	4	82	0.01	-	-	26	41
256	GS06MAY2054C	IN000554C013	6-May-54	9	285	0.00	4	82	0.01	-	-	32	41
257	GS06MAY2059C	IN000559C012	6-May-59	9	285	0.00	4	82	0.01	-	-	32	41
258	GS06MAY2051C	IN000551C019	6-May-51	9	285	0.00	4	82	0.01	-	-	32	41
259	GS06MAY2062C	IN000562C016	6-May-62	9	285	0.00	4	82	0.01	-	-	32	41
260	GS06NOV2042C	IN001142C016	6-Nov-42	9	285	0.00	4	82	0.01	-	-	32	41
261	GS06MAY2044C	IN000544C014	6-May-44	9	285	0.00	4	82	0.01	-	-	32	41
262	GS06NOV2048C	IN001148C013	6-Nov-48	9	285	0.00	4	82	0.01	-	-	32	41
263	GS06NOV2050C	IN001150C019	6-Nov-50	9	285	0.00	4	82	0.01	-	-	32	41
264	GS06MAY2036C	IN000536C010	6-May-36	9	285	0.00	4	82	0.01	-	-	32	41
265	GS06MAY2042C	IN000542C018	6-May-42	9	285	0.00	4	82	0.01	-	-	32	41
266	GS06NOV2052C	IN001152C015	6-Nov-52	9	285	0.00	4	82	0.01	-	-	32	41
267	GS06NOV2066C	IN001166C015	6-Nov-66	9	285	0.00	4	82	0.01	-	-	32	41
268	GS06MAY2049C	IN000549C013	6-May-49	9	285	0.00	4	82	0.01	-	-	32	41
269	GS06NOV2035C	IN001135C010	6-Nov-35	9	285	0.00	4	82	0.01	-	-	32	41
270	GS06MAY2045C	IN000545C011	6-May-45	9	285	0.00	4	82	0.01	-	-	32	41
271	GS06MAY2073C	IN000573C013	6-May-73	9	285	0.00	4	82	0.01	-	-	32	41
272	GS06NOV2053C	IN001153C013	6-Nov-53	9	285	0.00	4	82	0.01	-	-	32	41
273	GS06NOV2060C	IN001160C018	6-Nov-60	9	285	0.00	4	82	0.01	-	-	32	41
274	GS12SEP2024C	IN000924C059	12-Sep-24	15	178	0.00	3	81	0.01	-	-	12	27
275	7.37% SGrB 2054	IN0020230176	23-Jan-54	17	3015	0.03	12	78	0.01	10000	1	177	26
276	GS12DEC2051C	IN001251C049	12-Dec-51	34	917	0.01	1	76	0.01	-	-	27	76

TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
277	GS12JUN2051C	IN000651C041	12-Jun-51	34	917	0.01	1	76	0.01	-	-	27	76
278	GS22AUG2032C	IN000832C021	22-Aug-32	1	74	0.00	1	74	0.01	-	-	74	74
279	GS22OCT2033C	IN001033C033	22-Oct-33	15	326	0.00	5	72	0.01	-	-	22	18
280	GS22APR2033C	IN000433C036	22-Apr-33	15	326	0.00	5	72	0.01	-	-	22	18
281	GS12JUN2032C	IN000632C041	12-Jun-32	43	1074	0.01	2	72	0.01	-	-	25	36
282	GS22OCT2032C	IN001032C035	22-Oct-32	16	290	0.00	6	72	0.01	-	-	18	14
283	GS06MAY2028C	IN000528C025	6-May-28	10	272	0.00	3	69	0.01	-	-	27	23
284	GS06NOV2028C	IN001128C023	6-Nov-28	11	278	0.00	3	69	0.01	-	-	25	23
285	GS06NOV2029C	IN001129C021	6-Nov-29	6	293	0.00	3	69	0.01	-	-	49	23
286	GS06MAY2030C	IN000530C021	6-May-30	6	257	0.00	3	69	0.01	-	-	43	23
287	GS06MAY2029C	IN000529C023	6-May-29	9	308	0.00	3	69	0.01	-	-	34	23
288	GS06MAY2027C	IN000527C027	6-May-27	7	203	0.00	3	66	0.01	-	-	29	33
289	GS06NOV2027C	IN001127C025	6-Nov-27	7	203	0.00	3	66	0.01	-	-	29	33
290	GS06MAY2026C	IN000526C029	6-May-26	7	186	0.00	3	64	0.01	-	-	27	21
291	GS06NOV2026C	IN001126C027	6-Nov-26	7	186	0.00	3	64	0.01	-	-	27	21
292	6.13% GS 2028	IN0020030022	4-Jun-28	50	542	0.00	12	58	0.00	11000	1	11	15
293	GS22OCT2028C	IN001028C033	22-Oct-28	10	294	0.00	4	57	0.00	-	-	29	29
294	GS22APR2028C	IN000428C036	22-Apr-28	8	239	0.00	4	57	0.00	-	-	30	29
295	GS22APR2029C	IN000429C034	22-Apr-29	10	294	0.00	4	57	0.00	-	-	29	29
296	GS17DEC2032C	IN001232C031	17-Dec-32	2	74	0.00	1	55	0.00	-	-	37	55
297	GS17JUN2032C	IN000632C033	17-Jun-32	2	74	0.00	1	55	0.00	-	-	37	55
298	GS17DEC2033C	IN001233C039	17-Dec-33	3	79	0.00	1	55	0.00	-	-	26	55
299	GS17JUN2033C	IN000633C031	17-Jun-33	5	94	0.00	1	55	0.00	-	-	19	55

**TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)**

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
300	9.20% GS 2030	IN0020130053	30-Sep-30	64	821	0.01	3	55	0.00	65560	0	13	18
301	6.89% GS 2025	IN0020220128	16-Jan-25	84	8352	0.07	9	52	0.00	11996	0	99	13
302	GS19SEP2025C	IN000925C049	19-Sep-25	6	208	0.00	2	51	0.00	-	-	35	26
303	GS06MAY2032C	IN000532C027	6-May-32	9	255	0.00	3	51	0.00	-	-	28	17
304	GS06NOV2032C	IN001132C025	6-Nov-32	12	255	0.00	4	51	0.00	-	-	21	13
305	GS16DEC2032C	IN001232C072	16-Dec-32	3	90	0.00	1	50	0.00	-	-	30	50
306	GS16DEC2031C	IN001231C074	16-Dec-31	3	90	0.00	1	50	0.00	-	-	30	50
307	GS22FEB2032C	IN000232C024	22-Feb-32	2	65	0.00	1	49	0.00	-	-	33	49
308	GS06MAY2025C	IN000525C021	6-May-25	6	186	0.00	2	48	0.00	-	-	31	24
309	GS06NOV2024C	IN001124C022	6-Nov-24	6	186	0.00	2	48	0.00	-	-	31	24
310	GS06NOV2025C	IN001125C029	6-Nov-25	5	186	0.00	2	48	0.00	-	-	37	24
311	GS12MAR2025C	IN000325C059	12-Mar-25	3	111	0.00	1	45	0.00	-	-	37	45
312	6.90% OMC SB 2026	IN0020089069	4-Feb-26	46	2045	0.02	10	41	0.00	21942	0	44	6
313	8.03% FCI SB 2024	IN0020060011	15-Dec-24	49	138	0.00	4	40	0.00	5000	1	3	13
314	GS12JUN2040C	IN000640C036	12-Jun-40	35	850	0.01	1	35	0.00	-	-	24	35
315	GS12JUN2042C	IN000642C073	12-Jun-42	35	876	0.01	1	35	0.00	-	-	25	35
316	GS12DEC2043C	IN001243C061	12-Dec-43	35	876	0.01	1	35	0.00	-	-	25	35
317	GS12DEC2040C	IN001240C034	12-Dec-40	35	850	0.01	1	35	0.00	-	-	24	35
318	GS12DEC2041C	IN001241C032	12-Dec-41	35	870	0.01	1	35	0.00	-	-	25	35
319	GS12JUN2044C	IN000644C053	12-Jun-44	35	876	0.01	1	35	0.00	-	-	25	35
320	GS12DEC2042C	IN001242C071	12-Dec-42	35	876	0.01	1	35	0.00	-	-	25	35
321	GS12JUN2043C	IN000643C063	12-Jun-43	35	876	0.01	1	35	0.00	-	-	25	35
322	GS12JUN2041C	IN000641C034	12-Jun-41	35	870	0.01	1	35	0.00	-	-	25	35



**TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)**

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
323	GS12DEC2044C	IN001244C051	12-Dec-44	36	876	0.01	2	35	0.00	-	-	24	18
324	GS16DEC2024C	IN001224C079	16-Dec-24	9	266	0.00	1	31	0.00	-	-	30	31
325	7.24% SGrB 2033	IN0020230150	11-Dec-33	10	1007	0.01	1	25	0.00	5000	1	101	25
326	GS22AUG2024C	IN000824C028	22-Aug-24	10	77	0.00	1	25	0.00	-	-	8	25
327	GS22AUG2025C	IN000825C025	22-Aug-25	7	253	0.00	1	25	0.00	-	-	36	25
328	GS12OCT2025C	IN001025C039	12-Oct-25	4	39	0.00	1	20	0.00	-	-	10	20
329	GS12SEP2025C	IN000925C056	12-Sep-25	5	119	0.00	1	20	0.00	-	-	24	20
330	GS12DEC2031C	IN001231C041	12-Dec-31	43	919	0.01	2	20	0.00	-	-	21	10
331	GS17DEC2035C	IN001235C034	17-Dec-35	2	20	0.00	1	19	0.00	-	-	10	19
332	8.20% GS 2025	IN0020120047	24-Sep-25	113	9849	0.08	8	19	0.00	65425	0	87	3
333	GS17JUN2034C	IN000634C039	17-Jun-34	2	20	0.00	1	19	0.00	-	-	10	19
334	GS17JUN2025C	IN000625C037	17-Jun-25	2	66	0.00	1	19	0.00	-	-	33	19
335	GS17JUN2035C	IN000635C036	17-Jun-35	2	20	0.00	1	19	0.00	-	-	10	19
336	GS22FEB2034C	IN000234C020	22-Feb-34	1	17	0.00	1	17	0.00	-	-	17	17
337	GS22AUG2035C	IN000835C016	22-Aug-35	1	17	0.00	1	17	0.00	-	-	17	17
338	GS22AUG2034C	IN000834C027	22-Aug-34	1	17	0.00	1	17	0.00	-	-	17	17
339	GS22FEB2035C	IN000235C019	22-Feb-35	1	17	0.00	1	17	0.00	-	-	17	17
340	9.15% GS 2024	IN0020110048	14-Nov-24	60	2769	0.02	2	16	0.00	65080	0	46	8
341	GS15JUN2025C	IN000625C052	15-Jun-25	12	244	0.00	1	16	0.00	-	-	20	16
342	GS12APR2026C	IN000426C030	12-Apr-26	1	11	0.00	2	11	0.00	-	-	11	11
343	GS12DEC2033C	IN001233C047	12-Dec-33	39	1037	0.01	1	10	0.00	-	-	27	10
344	GS15APR2028C	IN000428C044	15-Apr-28	2	10	0.00	2	10	0.00	-	-	5	5
345	GS12SEP2030C	IN000930C056	12-Sep-30	6	122	0.00	1	10	0.00	-	-	20	10



**TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)**

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
346	GS15OCT2024C	IN001024C057	15-Oct-24	2	10	0.00	2	10	0.00	-	-	5	5
347	GS15OCT2028C	IN001028C041	15-Oct-28	2	10	0.00	2	10	0.00	-	-	5	5
348	GS15OCT2029C	IN001029C049	15-Oct-29	2	10	0.00	2	10	0.00	-	-	5	5
349	GS15APR2025C	IN000425C057	15-Apr-25	2	10	0.00	2	10	0.00	-	-	5	5
350	GS15OCT2027C	IN001027C043	15-Oct-27	2	10	0.00	2	10	0.00	-	-	5	5
351	GS15OCT2026C	IN001026C045	15-Oct-26	2	10	0.00	2	10	0.00	-	-	5	5
352	GS12DEC2032C	IN001232C049	12-Dec-32	43	919	0.01	1	10	0.00	-	-	21	10
353	GS15APR2029C	IN000429C042	15-Apr-29	2	10	0.00	2	10	0.00	-	-	5	5
354	GS15OCT2025C	IN001025C054	15-Oct-25	2	10	0.00	2	10	0.00	-	-	5	5
355	GS12JUN2033C	IN000633C049	12-Jun-33	40	1047	0.01	1	10	0.00	-	-	26	10
356	GS15APR2026C	IN000426C055	15-Apr-26	2	10	0.00	2	10	0.00	-	-	5	5
357	GS12DEC2034C	IN001234C045	12-Dec-34	38	879	0.01	1	10	0.00	-	-	23	10
358	GS15APR2027C	IN000427C046	15-Apr-27	2	10	0.00	2	10	0.00	-	-	5	5
359	GS12JUN2034C	IN000634C047	12-Jun-34	39	885	0.01	1	10	0.00	-	-	23	10
360	GS19DEC2030C	IN001230C092	19-Dec-30	18	234	0.00	1	8	0.00	-	-	13	8
361	GS19JUN2030C	IN000630C094	19-Jun-30	15	234	0.00	1	8	0.00	-	-	16	8
362	7.29% SGrB 2033	IN0020220144	27-Jan-33	28	834	0.01	3	7	0.00	8000	0	30	2
363	GS15APR2038C	IN000438C043	15-Apr-38	1	5	0.00	1	5	0.00	-	-	5	5
364	GS19SEP2024C	IN000924C042	19-Sep-24	6	84	0.00	1	5	0.00	-	-	14	5
365	GS15APR2031C	IN000431C048	15-Apr-31	1	5	0.00	1	5	0.00	-	-	5	5
366	5.63%%GS12APR2026P	IN000426P016	12-Apr-26	1	5	0.00	1	5	0.00	-	-	5	5
367	GS15APR2039C	IN000439C041	15-Apr-39	1	5	0.00	1	5	0.00	-	-	5	5
368	GS15APR2033C	IN000433C044	15-Apr-33	1	5	0.00	1	5	0.00	-	-	5	5

**TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)**

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
369	GS15OCT2036C	IN001036C044	15-Oct-36	1	5	0.00	1	5	0.00	-	-	5	5
370	GS15APR2035C	IN000435C049	15-Apr-35	1	5	0.00	1	5	0.00	-	-	5	5
371	GS15OCT2032C	IN001032C043	15-Oct-32	1	5	0.00	1	5	0.00	-	-	5	5
372	GS22FEB2027C	IN000227C024	22-Feb-27	3	38	0.00	1	5	0.00	-	-	13	5
373	GS15APR2036C	IN000436C047	15-Apr-36	1	5	0.00	1	5	0.00	-	-	5	5
374	GS15OCT2035C	IN001035C046	15-Oct-35	1	5	0.00	1	5	0.00	-	-	5	5
375	GS15OCT2033C	IN001033C041	15-Oct-33	1	5	0.00	1	5	0.00	-	-	5	5
376	GS15OCT2038C	IN001038C040	15-Oct-38	1	5	0.00	1	5	0.00	-	-	5	5
377	8.23% FCI SB 2027	IN0020060029	12-Feb-27	49	217	0.00	7	5	0.00	6200	0	4	1
378	GS15APR2037C	IN000437C045	15-Apr-37	1	5	0.00	1	5	0.00	-	-	5	5
379	GS10APR2027C	IN000427C020	10-Apr-27	3	12	0.00	1	5	0.00	-	-	4	5
380	GS15DEC2034C	IN001234C052	15-Dec-34	3	40	0.00	1	5	0.00	-	-	13	5
381	GS15OCT2031C	IN001031C045	15-Oct-31	1	5	0.00	1	5	0.00	-	-	5	5
382	GS10APR2028C	IN000428C028	10-Apr-28	2	7	0.00	1	5	0.00	-	-	4	5
383	GS15JUN2026C	IN000626C050	15-Jun-26	6	147	0.00	1	5	0.00	-	-	25	5
384	GS15JUN2035C	IN000635C051	15-Jun-35	3	40	0.00	1	5	0.00	-	-	13	5
385	GS15APR2030C	IN000430C040	15-Apr-30	1	5	0.00	1	5	0.00	-	-	5	5
386	GS15OCT2034C	IN001034C049	15-Oct-34	1	5	0.00	1	5	0.00	-	-	5	5
387	GS15JUN2034C	IN000634C054	15-Jun-34	3	40	0.00	1	5	0.00	-	-	13	5
388	GS15OCT2037C	IN001037C042	15-Oct-37	1	5	0.00	1	5	0.00	-	-	5	5
389	GS15APR2034C	IN000434C042	15-Apr-34	1	5	0.00	1	5	0.00	-	-	5	5
390	GS15OCT2030C	IN001030C047	15-Oct-30	1	5	0.00	1	5	0.00	-	-	5	5
391	GS15APR2032C	IN000432C046	15-Apr-32	1	5	0.00	1	5	0.00	-	-	5	5

**TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)**

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
392	GS17DEC2034C	IN001234C037	17-Dec-34	4	30	0.00	1	4	0.00	-	-	8	4
393	GS15MAR2034C	IN000334C028	15-Mar-34	1	4	0.00	1	4	0.00	-	-	4	4
394	8.00% OMC SB 2026	IN0020089077	23-Mar-26	34	276	0.00	6	3	0.00	10000	0	8	1
395	GS15DEC2024C	IN001224C053	15-Dec-24	10	150	0.00	1	3	0.00	-	-	15	3
396	6.35% OMC SB 2024	IN0020089036	23-Dec-24	26	421	0.00	2	2	0.00	21701	0	16	1
397	8.20% OMC SB 2024	IN0020099019	15-Sep-24	50	287	0.00	3	2	0.00	9986	0	6	1
398	7.95% FERT SB 2026	IN0020079037	18-Feb-26	32	122	0.00	2	1	0.00	3551	0	4	1
399	7.95% OMC SB 2025	IN0020079029	18-Jan-25	22	115	0.00	2	1	0.00	5637	0	5	1
400	SGB 2021-22 SERIES VI	IN0020210145	7-Sep-29	1	0	0.00	1	0	0.00	-	-	0	0
401	GS12JUN2025C	IN000625C045	12-Jun-25	41	772	0.01	1	0	0.00	-	-	19	0
402	SGB 2023-24 SERIES I	IN0020230069	27-Jun-31	12	0	0.00	14	0	0.00	-	-	0	0
403	SGB 2022-23 SERIES III	IN0020220110	27-Dec-30	8	0	0.00	3	0	0.00	-	-	0	0
404	GS15MAR2035C	IN000335C025	15-Mar-35	12	4	0.00	1	0	0.00	-	-	0	0
405	SGB 2022-23 SERIES I	IN0020220045	28-Jun-30	4	0	0.00	2	0	0.00	-	-	0	0
406	SGB 2023-24 SERIES II	IN0020230093	20-Sep-31	15	0	0.00	6	0	0.00	-	-	0	0
407	SGB 2021-22 SERIES VIII	IN0020210228	7-Dec-29	5	0	0.00	2	0	0.00	-	-	0	0
408	GS12SEP2042C	IN000942C044	12-Sep-42	1	0	0.00	1	0	0.00	-	-	0	0
409	8.33% GS 2032	IN0020070077	21-Sep-32	7	70	0.00	1	0	0.00	1522	0	10	0
410	SGB 2019-20 SERIES X	IN0020190552	11-Mar-28	1	0	0.00	1	0	0.00	-	-	0	0
411	SGB 2023-24 SERIES IV	IN0020230184	21-Feb-32	4	0	0.00	1	0	0.00	-	-	0	0
412	SGB 2021-22 Series V	IN0020210129	17-Aug-29	1	0	0.00	1	0	0.00	-	-	0	0
413	SGB 2020-21 SERIES XI	IN0020200393	9-Feb-29	4	0	0.00	4	0	0.00	-	-	0	0
414	GS19MAR2037C	IN000337C039	19-Mar-37	3	9	0.00	2	0	0.00	-	-	3	0

**TABLE 23: LIQUIDITY ANALYSIS FOR CENTRAL GOVERNMENT SECURITIES TRANSACTED DURING THE MONTH (Contd.)**

Sr. No.	Security	ISIN	Maturity Date	Days traded (in last 12 months)	Value traded in last 12 months (FV in ₹ Crore)	Percent share in last 12 months Value	No. of Trades (August - 2024)	Value for August - 2024 (FV in ₹ Crore)	Percent share in (August 2024)	Outstanding (FV in ₹ Crore)	Turnover Ratio*	Average Daily Trading Value in last 12 months (FV in ₹ Crore)	Average Daily Trading Value in August - 2024 (FV in ₹ Crore)
415	GS19MAR2040C	IN000340C033	19-Mar-40	2	9	0.00	1	0	0.00	-	-	5	0
416	SGB 2023-24 SERIES III	IN0020230168	28-Dec-31	9	0	0.00	14	0	0.00	-	-	0	0
417	GS12DEC2048C	IN001248C045	12-Dec-48	35	917	0.01	1	0	0.00	-	-	26	0
418	SGB 2019-20 Series V	IN0020190370	15-Oct-27	1	0	0.00	1	0	0.00	-	-	0	0
419	SGB 2019-20 SERIES I	IN0020190073	11-Jun-27	1	0	0.00	1	0	0.00	-	-	0	0
420	8.40% OMC SB 2025	IN0020079052	28-Mar-25	12	4	0.00	4	0	0.00	2057	0	0	0
421	SGB 2022-23 SERIES IV	IN0020220169	14-Mar-31	5	0	0.00	2	0	0.00	-	-	0	0
422	SGB 2020-21 Series VIII	IN0020200286	18-Nov-28	2	0	0.00	3	0	0.00	-	-	0	0
423	GS12DEC2047C	IN001247C047	12-Dec-47	36	917	0.01	1	0	0.00	-	-	25	0
424	Other Securities Traded During The Past 12 Months But Not Traded During The Month				213381	1.83							
	<b>Total</b>				<b>11660825</b>	<b>100.00</b>	<b>91713</b>	<b>1241605</b>	<b>100.00</b>				

TABLE 24: MARKET SHARE OF TOP 'N' SECURITIES

Percent

Settlement Period	Top 5	Top 10	Top 15	Top 20
2003-04	39.01	57.30	70.28	79.43
2004-05	49.97	66.31	74.56	80.36
2005-06	63.75	82.82	89.67	92.85
2006-07	74.88	88.82	92.37	94.88
2007-08	66.35	83.84	92.54	95.79
2008-09	61.07	73.89	81.92	87.35
2009-10	60.71	79.08	86.48	90.54
2010-11	71.77	88.33	93.91	96.39
2011-12	85.51	94.15	97.07	98.68
2012-13	77.59	94.68	97.63	98.70
2013-14	68.11	90.79	95.61	97.70
2014-15	79.28	91.80	96.45	97.74
2015-16	66.26	82.74	88.47	91.80
2016-17	68.59	86.20	90.49	92.79
2017-18	70.79	79.86	85.06	88.59
2018-19	81.46	87.56	90.50	92.82
2019-20	75.04	84.71	87.82	90.25
2020-21	51.05	67.61	78.85	83.46
2021-22	61.85	73.37	79.12	83.23
2022-23	71.42	82.58	86.15	88.67
2023-24	65.60	79.19	85.35	89.24
Apr-24	72.88	83.50	89.37	92.77
May-24	76.42	85.26	89.82	92.38
Jun-24	71.85	81.50	86.70	90.34
Jul-24	67.91	79.36	84.97	88.34
Aug-24	67.09	77.74	84.26	88.41
2024-25 (Upto August 2024)	70.33	80.09	85.19	88.74

**TABLE 25: MARKET SHARE OF MEMBERS IN OUTRIGHT SETTLEMENT** Percent

Settlement Period	Top 5	Top 10	Top 15	Top 20
2002-03	20.17	32.59	42.33	50.14
2003-04	19.02	31.58	40.63	48.49
2004-05	21.20	35.51	46.10	54.37
2005-06	21.84	37.47	49.11	57.64
2006-07	28.93	45.34	57.08	65.89
2007-08	27.42	43.65	56.17	65.31
2008-09	28.33	45.51	57.23	65.63
2009-10	28.74	44.32	55.32	63.35
2010-11	34.01	49.31	59.66	67.17
2011-12	30.04	47.85	60.10	68.81
2012-13	31.30	48.48	59.42	67.31
2013-14	33.33	49.48	59.63	67.34
2014-15	31.06	46.52	56.59	64.50
2015-16	32.08	48.64	58.60	65.67
2016-17	30.02	45.15	54.73	62.20
2017-18	29.35	45.89	55.80	63.20
2018-19	30.65	47.00	57.78	65.68
2019-20	28.92	43.40	54.07	62.64
2020-21	27.99	41.51	52.00	60.31
2021-22	27.66	42.28	53.58	62.14
2022-23	27.02	42.39	54.35	63.81
2023-24	26.76	42.57	55.24	64.83
Apr-24	27.43	43.06	55.63	64.68
May-24	27.88	43.44	56.14	65.91
Jun-24	25.70	40.91	53.88	63.98
Jul-24	26.48	42.27	55.84	66.61
Aug-24	25.14	38.95	53.62	65.19
2024-25 (Upto August 2024)	26.46	41.63	54.99	65.33

**TABLE 26: MARKET SHARE OF TOP FIVE MEMBERS (CATEGORYWISE)** Percent

Categories	Cooperative Banks	Foreign Banks	Public Sector Banks	Private Sector Banks	Mutual Funds	Primary Dealers
2002-03	87.04	75.91	41.44	50.65	59.76	62.00
2003-04	76.72	75.48	43.88	53.33	55.47	62.96
2004-05	82.30	77.94	51.20	69.12	56.99	61.90
2005-06	75.10	77.91	53.45	71.55	56.49	56.95
2006-07	77.20	76.04	52.57	73.68	68.00	72.44
2007-08	86.70	74.99	55.29	73.01	70.20	86.20
2008-09	82.16	76.26	52.53	76.79	66.10	86.83
2009-10	72.08	79.86	47.99	79.61	64.19	82.44
2010-11	62.05	83.05	48.99	74.60	66.49	84.80
2011-12	61.15	75.91	51.48	74.43	68.01	82.38
2012-13	55.50	77.32	48.92	83.43	65.36	82.08
2013-14	55.31	81.15	45.68	86.53	65.08	85.35
2014-15	58.68	82.14	47.58	80.35	66.19	87.29
2015-16	60.56	86.10	50.22	83.16	63.90	89.18
2016-17	56.83	87.23	45.98	79.16	62.48	93.18
2017-18	58.90	80.40	59.40	80.72	56.80	91.62
2018-19	59.31	73.60	59.83	85.74	58.74	91.66
2019-20	50.53	69.99	53.73	83.96	55.53	90.49
2020-21	54.67	67.79	67.39	82.22	55.51	87.24
2021-22	52.66	67.74	70.80	83.62	54.21	86.88
2022-23	57.87	63.89	66.21	82.95	54.71	86.93
2023-24	57.06	76.63	75.02	72.59	57.62	88.75
Apr-24	53.30	82.11	78.95	70.80	61.01	85.55
May-24	51.64	81.71	76.49	68.38	57.80	89.06
Jun-24	52.31	78.91	74.99	65.29	55.65	90.21
Jul-24	51.87	81.77	78.32	70.11	60.52	90.27
Aug-24	52.34	82.42	79.67	69.50	55.81	90.69
2024-25 (Upto August 2024)	52.22	81.39	77.66	68.78	58.21	89.39

## TRADING ANALYSIS

TABLE 27: TRADING PLATFORM ANALYSIS OF OUTRIGHT TRADES\* Amount ₹ Crore

Period	OTC				NDS-OM				Total	
	Trades	% Share	Value	% Share	Trades	% Share	Value	% Share	Trades	Value
2005-06	38809	50.36	292515	56.98	38251	49.64	220890	43.02	77060	513405
2006-07	35322	25.79	368704	36.11	101641	74.21	652270	63.89	136963	1020974
2007-08	31020	16.43	453226	27.42	157823	83.57	1199919	72.58	188843	1653145
2008-09	35288	14.35	613229	28.36	210585	85.65	1548906	71.64	245873	2162135
2009-10	40736	12.87	798397	27.41	275769	87.13	2113896	72.59	316505	2912293
2010-11	42710	12.85	622558	21.73	289636	87.15	2241886	78.27	332346	2864444
2011-12	44908	10.89	731938	20.96	367495	89.11	2760795	79.04	412403	3492733
2012-13	57757	8.79	1179701	17.91	599316	91.21	5408334	82.09	657073	6588036
2013-14	57545	7.03	1501310	16.79	760964	92.97	7437982	83.21	818509	8939292
2014-15	57293	5.85	1635278	16.09	921361	94.15	8531024	83.91	978654	10166302
2015-16	60560	6.86	1891410	19.42	822803	93.14	7846591	80.58	883363	9738000
2016-17	84504	6.30	2804041	16.64	1255872	93.70	14051698	83.36	1340376	16855738
2017-18	66190	7.21	2685956	23.59	851940	92.79	8699962	76.41	918130	11385918
2018-19	54653	6.80	1865656	19.97	749493	93.20	7475388	80.03	804146	9341044
2019-20	67688	7.03	2986806	22.38	895697	92.97	10359039	77.62	963385	13345845
2020-21	55760	8.88	2684287	26.83	572492	91.12	7321103	73.17	628252	10005390
2021-22	51469	8.28	2477975	28.17	569770	91.72	6319153	71.83	621239	8797127
2022-23	55956	6.99	2638330	26.07	744785	93.01	7482702	73.93	800741	10121032
2023-24	64203	6.76	3392533	25.26	885735	93.24	10040238	74.74	949938	13432771
Apr-24	4501	6.57	244384	23.78	64044	93.43	783412	76.22	68545	1027795
May-24	5166	5.22	276975	20.17	93772	94.78	1096267	79.83	98938	1373242
Jun-24	6307	6.45	308458	22.08	91505	93.55	1088364	77.92	97812	1396822
Jul-24	7205	6.88	341303	22.18	97516	93.12	1197198	77.82	104721	1538501
Aug-24	6957	7.27	333684	23.45	88782	92.73	1089368	76.55	95739	1423052
2024-25 (Upto August 2024)	30136	6.47	1504803	22.26	435619	93.53	5254609	77.74	465755	6759412

\*Data excludes PM/GAH and GAH/GAH trades between the Primary SGL holder and its constituents.

TABLE 28: WHEN-ISSUED TRADING - HISTORICAL

Amount ₹ Crore

Period	Trades	Value
2006-07	154	1270
2007-08	169	1530
2008-09	335	3000
2009-10	320	3180
2010-11	306	2715
2011-12	391	2985
2012-13	1586	11805
2013-14	1406	11295
2014-15	1232	11265
2015-16	679	5755
2016-17	1400	13535
2017-18	966	9555
2018-19	60	705
2019-20	8	130
2020-21	46	535
2021-22	121	1220
2022-23	26	175
2023-24	3	35
Apr-24	140	2360
May-24	49	1415
Jun-24	3	210
Jul-24	5	260
Aug-24	2	125
2024-25 (Upto August 2024)	199	4370

Period	Coupon Strips		Principal Strips		Total	
	Trades	Face Value	Trades	Face Value	Trades	Face Value
2010-11	4	18.78	4	400.00	8	418.78
2011-12	76	26.93	2	15.00	78	41.93
2012-13	56	581.00	1	250.00	57	831.00
2013-14	-	-	-	-	-	-
2014-15	-	-	-	-	-	-
2015-16	-	-	-	-	-	-
2016-17	-	-	-	-	-	-
2017-18	180	1288.58	4	690.00	184	1978.58
2018-19	690	7089.46	42	10570.00	732	17659.46
2019-20	1929	25393.39	44	12990.00	1973	38383.39
2020-21	4461	53821.86	163	25810.00	4624	79631.86
2021-22	5209	72393.47	129	26976.00	5338	99369.47
2022-23	7515	97904.36	179	36578.00	7694	134482.36
2023-24	11227	189740.47	286	62552.50	11513	252292.97
Apr-24	659	6712.73	14	2245.00	673	8957.73
May-24	1117	14398.87	22	4440.00	1139	18838.87
Jun-24	892	20213.70	8	4510.00	900	24723.70
Jul-24	1218	21743.45	28	7050.00	1246	28793.45
Aug-24	1041	17706.98	20	4725.00	1061	22431.98
2024-25 (Upto August 2024)	4927	80775.72	92	22970.00	5019	103745.72

Category	Buy		Sell	
	Trades	Value	Trades	Value
Co-operative Banks	3.70	1.36	3.81	1.42
Financial Institutions	0.30	0.62	0.03	0.01
Foreign Banks	10.16	13.71	11.23	14.25
Insurance Companies	1.73	2.48	1.30	2.05
Mutual Funds	3.89	7.75	3.22	4.77
Others	9.06	5.56	9.16	5.32
Primary Dealers	15.52	16.24	16.90	20.35
Private Sector Banks	22.70	21.13	24.58	23.74
Provident Funds	0.05	0.36	0.00	0.00
Public Sector Banks	20.31	19.39	20.37	21.30

\* Trade Data

Constituent Category	Buy		Sell	
	Trades	Value	Trades	Value
Banks	0.28	0.31	0.34	0.32
Co-operative Banks	2.40	0.78	1.98	0.63
Corporates	4.98	4.46	3.79	2.78
FIs	1.04	1.60	0.31	0.69
Insurance Companies	1.28	1.72	1.12	1.07
Mutual Funds	0.27	0.55	0.22	0.20
Finance Cos.	0.14	0.19	0.09	0.04
Others	0.88	0.52	0.92	0.14
Provident Funds	1.32	1.28	0.64	0.93

Current Month	Previous Month	3 Months	6 Months	12 Months
0.78%	0.81%	0.85%	0.75%	0.65%



TABLE 33A: NET PROPRIETARY TRADING IN OUTRIGHT MARKET

Percent

Date	Foreign Banks	Mutual Funds	Others	Primary Dealers	Private Sector Banks	Public Sector Banks
1-Aug-24	6.30	2.03	-0.45	-2.19	-5.36	-5.28
2-Aug-24	5.30	3.99	-2.00	-5.87	-2.63	-7.02
5-Aug-24	4.31	-0.88	-0.75	0.43	-4.50	-0.81
6-Aug-24	0.64	-3.30	5.76	-5.74	-0.78	0.96
7-Aug-24	-2.93	6.85	1.47	-6.72	-3.50	-2.00
8-Aug-24	-0.85	-0.96	0.90	-1.67	-4.98	4.96
9-Aug-24	-6.97	10.66	2.86	-14.63	-0.46	-0.50
12-Aug-24	-6.12	7.45	0.67	-2.48	-5.74	0.82
13-Aug-24	-4.42	9.63	6.48	-2.66	-10.35	-1.97
14-Aug-24	-2.09	7.19	0.19	-3.13	-5.15	-3.96
16-Aug-24	-1.73	6.18	2.27	-7.84	-0.40	0.61
19-Aug-24	1.92	0.28	2.50	-1.78	-3.01	-0.86
20-Aug-24	2.45	2.45	1.80	-3.81	-4.19	-3.56
21-Aug-24	-5.48	6.88	2.97	-8.23	-3.08	-0.68
22-Aug-24	4.70	-1.62	1.67	-2.51	1.75	-5.06
23-Aug-24	0.12	2.72	0.31	-4.48	1.34	0.27
26-Aug-24	-1.10	1.78	1.54	-4.95	5.48	-3.51
27-Aug-24	-6.04	0.02	5.67	0.76	-0.41	-0.14
28-Aug-24	-10.28	6.10	2.60	-0.66	-1.18	-3.19
29-Aug-24	-0.99	-1.29	5.72	-4.28	1.90	-2.97
30-Aug-24	2.08	2.38	-0.54	-2.21	-4.19	-3.01
<b>Net Activity in Aug-24</b>	<b>-0.29</b>	<b>3.00</b>	<b>1.68</b>	<b>-3.93</b>	<b>-2.60</b>	<b>-1.92</b>

TABLE 33B: CONSTITUENT ACTIVITY IN OUTRIGHT MARKET

Date	Buy Side			Sell Side		
	Trades	Volume (₹ Cr)	% Share in Total Outright Volumes	Trades	Volume (₹ Cr)	% Share in Total Outright Volumes
1-Aug-24	665	8122.78	10.80	372	4406.68	5.86
2-Aug-24	834	12898.09	14.78	529	5710.34	6.54
5-Aug-24	865	11335.22	9.20	767	8628.13	7.01
6-Aug-24	550	7020.66	9.15	441	5134.70	6.69
7-Aug-24	896	10763.05	13.59	637	5354.65	6.76
8-Aug-24	621	8522.02	10.91	562	6491.19	8.31
9-Aug-24	520	8536.71	15.04	343	3407.38	6.00
12-Aug-24	256	2452.14	8.67	179	923.42	3.27
13-Aug-24	381	5115.42	9.19	322	3287.13	5.90
14-Aug-24	856	11900.00	13.09	516	5581.98	6.14
16-Aug-24	343	3951.70	7.17	323	3450.79	6.26
19-Aug-24	361	4162.76	6.59	353	3560.31	5.64
20-Aug-24	665	9305.18	10.87	562	5145.73	6.01
21-Aug-24	830	11401.67	14.46	474	5397.29	6.84
22-Aug-24	668	7265.02	8.74	576	6377.77	7.67
23-Aug-24	381	3639.99	7.41	321	3770.49	7.67
26-Aug-24	380	4171.98	7.09	379	3730.34	6.34
27-Aug-24	428	4436.76	9.12	344	4372.26	8.99
28-Aug-24	403	7147.68	13.39	301	3622.42	6.78
29-Aug-24	343	3374.59	10.36	304	2751.53	8.45
30-Aug-24	437	5919.36	11.64	297	3126.55	6.15
<b>Total Activity in Aug-24</b>	<b>11683</b>	<b>151442.77</b>	<b>10.64</b>	<b>8902</b>	<b>94231.06</b>	<b>6.62</b>

TABLE 34: TRADING SUMMARY

Amount ₹ Crore

Date	Central Government		SDL		T-Bills		Total		Repo		TREP		Forex*	
	Trades	Value	Trades	Value	Trades	Value	Trades	Value	Trades	Value	Trades	Value	Trades	Value
1-Aug-24	5031	66066	153	2068	140	7493	5324	75626	940	152782	944	324488	8312	31209
2-Aug-24	5383	74316	257	5532	120	7807	5760	87655	975	150467	977	330647	9703	33095
3-Aug-24									8	795	108	9802		
5-Aug-24	8165	111031	294	6199	158	6233	8617	123463	945	155533	918	322473	9297	30728
6-Aug-24	4525	62148	277	8249	146	6623	4948	77020	1001	149531	923	327970	9559	32128
7-Aug-24	5061	63808	291	5276	169	10463	5521	79546	987	148277	975	344202	14519	44596
8-Aug-24	5558	69502	184	4289	138	5151	5880	78941	994	164010	956	338887	9811	37564
9-Aug-24	3452	51841	123	2509	76	3815	3651	58165	1061	163242	1043	342398	7357	35568
12-Aug-24	1843	23253	127	2584	69	2457	2039	28294	963	154117	962	332512	7448	34772
13-Aug-24	3302	47322	264	4475	96	3889	3662	55685	963	148479	1001	355618	9319	29810
14-Aug-24	5342	72602	224	3013	215	15319	5781	90934	983	155359	997	352659	8119	32789
16-Aug-24	3909	49838	102	1271	90	4007	4101	55115	982	157565	1024	369812	8557	38131
17-Aug-24									11	1229	124	10651		
19-Aug-24	4238	57709	133	2263	77	3921	4448	63892	1004	153940	1031	388564	9913	33048
20-Aug-24	5463	73687	295	6897	92	5065	5850	85650	1012	156606	1065	373758	8092	29594
21-Aug-24	4604	59709	210	3302	210	15967	5024	78978	983	148247	1113	390069	9505	32554
22-Aug-24	5286	71981	191	3662	151	7807	5628	83450	1000	147401	1020	383047	15862	37745
23-Aug-24	3069	44239	184	3659	41	1287	3294	49185	1004	148104	1113	388630	12110	34006
26-Aug-24	3940	51972	171	4635	57	2731	4168	59338	993	143213	1053	401312	8655	32046
27-Aug-24	2897	38246	367	9094	38	1787	3302	49127	941	137620	1115	401660	13130	35335
28-Aug-24	2479	39020	190	1953	168	12425	2837	53397	888	139857	1072	399249	10063	33299
29-Aug-24	2138	27210	211	3305	100	2464	2449	32979	942	162346	1017	363300	9321	34921
30-Aug-24	3227	50515	157	2876	71	3219	3455	56610	1029	168271	1088	412887	14352	140906
31-Aug-24									23	801	163	20183		
<b>Total</b>	<b>88912</b>	<b>1206016</b>	<b>4405</b>	<b>87107</b>	<b>2422</b>	<b>129929</b>	<b>95739</b>	<b>1423052</b>	<b>20632</b>	<b>3207792</b>	<b>21802</b>	<b>7684775</b>	<b>212997</b>	<b>823845</b>
<b>Average</b>	<b>4234</b>	<b>57429</b>	<b>210</b>	<b>4148</b>	<b>115</b>	<b>6187</b>	<b>4559</b>	<b>67764</b>	<b>860</b>	<b>133658</b>	<b>908</b>	<b>320199</b>	<b>10143</b>	<b>39231</b>
<b>Market Share (%)</b>	<b>93</b>	<b>85</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Amount in USD Million

TABLE 35: G-SEC TRADING ANALYSIS

Amount ₹ Crore

Date	OTC (G-Sec)				NDS-OM (G-Sec)				Brokered Deals (G-Sec)				Total (G-Sec)		
	Trades	No. of Securities	Value	Market Share (%)	Trades	No. of Securities	Value	Market Share (%)	Trades	No. of Securities	Value	Market Share (%)	Trades	No. of Securities	Value
1-Aug-24	269	65	8382	12.69	4762	56	57685	87.31	18	11	1456	2.20	5031	84	66066
2-Aug-24	241	50	11570	15.57	5142	56	62747	84.43	16	11	1100	1.48	5383	72	74316
5-Aug-24	233	55	12309	11.09	7932	72	98722	88.91	13	9	710	0.64	8165	80	111031
6-Aug-24	199	62	12028	19.35	4326	64	50120	80.65	35	28	2291	3.69	4525	83	62148
7-Aug-24	156	46	8244	12.92	4905	71	55564	87.08	24	18	1018	1.60	5061	84	63808
8-Aug-24	129	43	8394	12.08	5429	47	61108	87.92	40	16	3328	4.79	5558	62	69502
9-Aug-24	204	37	14418	27.81	3248	54	37423	72.19	17	7	1610	3.11	3452	61	51841
12-Aug-24	60	26	3271	14.07	1783	48	19982	85.93	6	6	317	1.36	1843	56	23253
13-Aug-24	360	109	10206	21.57	2942	68	37117	78.43	8	6	300	0.63	3302	141	47322
14-Aug-24	124	51	7445	10.25	5218	76	65156	89.75	32	24	1705	2.35	5342	97	72602
16-Aug-24	148	44	8805	17.67	3761	58	41033	82.33	8	6	390	0.78	3909	69	49838
19-Aug-24	168	31	12002	20.80	4070	58	45706	79.20	39	11	3195	5.54	4238	63	57709
20-Aug-24	399	160	17298	23.47	5064	74	56389	76.53	33	15	2526	3.43	5463	191	73687
21-Aug-24	436	144	12700	21.27	4168	65	47009	78.73	24	10	1775	2.97	4604	172	59709
22-Aug-24	261	132	13675	19.00	5025	85	58306	81.00	17	9	1645	2.29	5286	172	71981
23-Aug-24	183	59	9985	22.57	2886	61	34254	77.43	17	9	1275	2.88	3069	85	44239
26-Aug-24	163	110	7614	14.65	3777	63	44358	85.35	18	11	1525	2.93	3940	143	51972
27-Aug-24	240	46	7950	20.79	2657	72	30296	79.21	17	7	955	2.50	2897	76	38246
28-Aug-24	128	43	9318	23.88	2351	63	29702	76.12	22	12	1469	3.76	2479	74	39020
29-Aug-24	222	102	8369	30.76	1916	61	18841	69.24	12	7	1085	3.99	2138	131	27210
30-Aug-24	402	53	18542	36.71	2825	58	31974	63.29	14	12	750	1.48	3227	71	50515
<b>Total</b>	<b>4725</b>		<b>222524</b>		<b>84187</b>		<b>983492</b>		<b>430</b>		<b>30424</b>		<b>88912</b>		<b>1206016</b>
<b>Average</b>	<b>225</b>	<b>70</b>	<b>10596</b>		<b>4009</b>	<b>63</b>	<b>46833</b>		<b>20</b>	<b>12</b>	<b>1449</b>		<b>4234</b>	<b>98</b>	<b>57429</b>
<b>Percent Market Share</b>				<b>18.45</b>				<b>81.55</b>				<b>2.52</b>			

TABLE 36: T-BILL TRADING ANALYSIS

Amount ₹ Crore

Date	OTC (T-Bills)				NDS-OM (T-Bills)				Brokered Deals (T-Bills)				Total (T-Bills)		
	Trades	No. of Securities	Value	Market Share (%)	Trades	No. of Securities	Value	Market Share (%)	Trades	No. of Securities	Value	Market Share (%)	Trades	No. of Securities	Value
1-Aug-24	28	14	2811.90	37.53	112	25	4680.81	62.47	9	6	1625.00	21.69	140	30	7492.71
2-Aug-24	9	5	1611.50	20.64	111	25	6195.69	79.36	1	1	100.00	1.28	120	28	7807.19
5-Aug-24	17	11	1142.00	18.32	141	30	5090.88	81.68	3	3	300.00	4.81	158	33	6232.88
6-Aug-24	6	5	46.94	0.71	140	22	6576.43	99.29	0	0	0.00	0.00	146	25	6623.37
7-Aug-24	57	12	6881.06	65.77	112	27	3581.68	34.23	12	6	1585.00	15.15	169	31	10462.74
8-Aug-24	22	9	1782.30	34.60	116	31	3368.50	65.40	9	5	895.00	17.38	138	31	5150.80
9-Aug-24	14	8	1655.75	43.40	62	21	2159.34	56.60	3	3	375.00	9.83	76	23	3815.09
12-Aug-24	9	6	476.40	19.39	60	27	1980.38	80.61	5	3	400.00	16.28	69	28	2456.78
13-Aug-24	10	10	645.60	16.60	86	32	3243.00	83.40	3	3	265.00	6.81	96	35	3888.60
14-Aug-24	59	9	8595.17	56.11	156	27	6723.89	43.89	3	3	160.00	1.04	215	31	15319.07
16-Aug-24	15	6	1659.04	41.40	75	20	2348.00	58.60	3	2	280.00	6.99	90	23	4007.04
19-Aug-24	16	10	1270.00	32.39	61	19	2650.50	67.61	7	4	705.00	17.98	77	23	3920.50
20-Aug-24	21	16	2882.64	56.91	71	27	2182.66	43.09	11	10	1469.14	29.00	92	35	5065.29
21-Aug-24	71	14	11454.91	71.74	139	39	4512.31	28.26	8	4	1070.00	6.70	210	42	15967.23
22-Aug-24	33	13	2736.00	35.05	118	32	5071.02	64.95	12	6	1025.00	13.13	151	37	7807.02
23-Aug-24	5	5	456.50	35.47	36	18	830.59	64.53	2	2	330.00	25.64	41	20	1287.09
26-Aug-24	6	5	331.00	12.12	51	18	2400.00	87.88	1	1	50.00	1.83	57	21	2731.00
27-Aug-24	5	5	361.00	20.20	33	15	1426.25	79.80	2	2	245.00	13.71	38	18	1787.25
28-Aug-24	75	19	8824.62	71.03	93	32	3600.00	28.97	18	12	2465.00	19.84	168	39	12424.62
29-Aug-24	24	12	856.00	34.75	76	25	1607.60	65.25	5	2	195.00	7.92	100	28	2463.60
30-Aug-24	10	10	690.67	21.46	61	21	2528.21	78.54	4	4	680.00	21.13	71	26	3218.87
<b>Total</b>	<b>512</b>		<b>57171</b>		<b>1,910</b>		<b>72758</b>		<b>121</b>		<b>14219</b>		<b>2,422</b>		<b>129929</b>
<b>Average</b>	<b>24</b>	<b>10</b>	<b>2722</b>		<b>91</b>	<b>25</b>	<b>3465</b>		<b>6</b>	<b>4</b>	<b>677</b>		<b>115</b>	<b>29</b>	<b>6187</b>
<b>Percent Market Share</b>				<b>44.00</b>				<b>56.00</b>				<b>10.94</b>			

TABLE 37: SDL TRADING ANALYSIS

Amount ₹ Crore

Date	OTC (SDLs)				NDS-OM (SDLs)				Brokered Deals (SDLs)				Total (SDLs)		
	Trades	No. of Securities	Value	Market Share (%)	Trades	No. of Securities	Value	Market Share (%)	Trades	No. of Securities	Value	Market Share (%)	Trades	No. of Securities	Value
1-Aug-24	46	32	1129	54.62	107	74	938	45.38	9	6	414	20.01	153	93	2068
2-Aug-24	87	39	3453	62.41	170	85	2079	37.58	28	17	1473	26.62	257	115	5532
5-Aug-24	78	41	2939	47.41	216	99	3260	52.59	19	11	1384	22.33	294	125	6199
6-Aug-24	110	40	6273	76.05	167	81	1976	23.95	21	17	1125	13.64	277	113	8249
7-Aug-24	103	56	3310	62.74	188	90	1966	37.26	18	15	1176	22.28	291	129	5276
8-Aug-24	57	32	1428	33.29	127	63	2861	66.71	19	15	937	21.85	184	95	4289
9-Aug-24	66	28	1831	72.99	57	41	678	27.01	19	16	732	29.17	123	75	2509
12-Aug-24	44	25	739	28.59	83	40	1845	71.41	16	16	510	19.74	127	75	2584
13-Aug-24	128	53	3014	67.36	136	65	1461	32.64	21	19	695	15.53	264	120	4475
14-Aug-24	64	30	1318	43.73	160	75	1695	56.27	19	13	813	26.99	224	102	3013
16-Aug-24	33	16	516	40.61	69	44	755	59.39	9	6	263	20.72	102	57	1271
19-Aug-24	21	12	502	22.19	112	43	1761	77.81	4	2	231	10.21	133	50	2263
20-Aug-24	110	38	4537	65.79	185	73	2360	34.21	29	19	1960	28.42	295	109	6897
21-Aug-24	86	51	2104	63.73	124	77	1198	36.27	17	16	857	25.96	210	124	3302
22-Aug-24	79	49	2122	57.94	112	73	1540	42.06	17	11	1020	27.86	191	115	3662
23-Aug-24	85	49	2689	73.50	99	69	970	26.50	22	17	1135	31.02	184	125	3659
26-Aug-24	84	64	3770	81.33	87	63	865	18.67	13	9	919	19.83	171	116	4635
27-Aug-24	192	63	7680	84.45	175	61	1414	15.55	12	11	478	5.26	367	111	9094
28-Aug-24	72	53	903	46.24	118	63	1050	53.76	6	5	255	13.06	190	102	1953
29-Aug-24	93	71	2168	65.61	118	72	1137	34.39	9	7	425	12.86	211	125	3305
30-Aug-24	82	53	1565	54.42	75	47	1311	45.58	15	11	543	18.88	157	100	2876
<b>Total</b>	<b>1720</b>		<b>53989</b>		<b>2685</b>		<b>33118</b>		<b>342</b>		<b>17346</b>		<b>4405</b>		<b>87107</b>
<b>Average</b>	<b>82</b>	<b>43</b>	<b>2571</b>		<b>128</b>	<b>67</b>	<b>1577</b>		<b>16</b>	<b>12</b>	<b>826</b>		<b>210</b>	<b>104</b>	<b>4148</b>
<b>Percent Market Share</b>				<b>61.98</b>				<b>38.02</b>				<b>19.91</b>			

TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
1	IN0020240019	7.10% GS 2034	48506	545002.88	45.30	21	21	0
2	IN0020230085	7.18% GS 2033	8933	110019.40	9.14	21	21	0
3	IN0020240027	7.23% GS 2039	4238	61303.72	5.10	21	21	0
4	IN0020230135	7.32% GS 2030	2895	47415.28	3.94	21	21	0
5	IN0020240035	7.34% GS 2064	2161	41793.12	3.47	21	21	0
6	IN0020230077	7.18% GS 2037	2423	32980.00	2.74	21	21	0
7	IN0020220151	7.26% GS 2033	1568	31022.14	2.58	21	21	0
8	IN0020240050	7.04% GS 2029	760	21283.38	1.77	21	19	2
9	IN0020240076	7.02% GS 2031	1283	21074.23	1.75	21	20	1
10	IN0020190396	6.18% GS 2024	206	21070.00	1.75	19	12	7
11	IN0020230010	7.06% GS 2028	757	18205.00	1.51	21	20	1
12	IN0020230101	7.37% GS 2028	1119	17029.77	1.42	20	20	0
13	IN0020230036	7.17% GS 2030	820	16540.26	1.37	21	19	2
14	IN0020240118	7.09% GS 2054	1026	16064.95	1.34	20	19	1
15	IN0020230051	7.30% GS 2053	1094	15408.89	1.28	21	21	0
16	IN0020210160	FRB 2028	379	11990.00	1.00	20	14	6
17	IN0020220060	7.26% GS 2032	556	11615.83	0.97	20	18	2
18	IN0020210244	6.54% GS 2032	559	8957.20	0.74	21	19	2
19	IN0020230028	6.99% GS 2026	151	8750.00	0.73	12	7	5
20	IN0020210012	5.63% GS 2026	133	8445.50	0.70	18	11	7
21	IN0020200120	FRB 2033	332	7422.50	0.62	17	14	3
22	IN0020220037	7.38% GS 2027	296	6430.85	0.53	20	17	3
23	IN0020230127	7.46% GS 2073	334	5868.22	0.49	20	13	7
24	IN0020050012	7.40% GS 2035	400	5192.34	0.43	19	17	2
25	IN0020230044	7.25% GS 2063	246	4790.00	0.40	21	16	5
26	IN0020210137	FRB 2034	156	4735.00	0.39	16	10	6
27	IN0020210095	6.10% GS 2031	286	4693.43	0.39	18	12	6
28	IN0020220011	7.10% GS 2029	238	4235.82	0.35	20	11	9
29	IN0020220102	7.41% GS 2036	180	4074.19	0.34	21	14	7
30	IN0020240043	7.02% GS 2027	61	3795.00	0.32	5	5	0
31	IN0020200153	5.77% GS 2030	81	3748.57	0.31	14	5	9
32	IN0020210152	6.67% GS 2035	178	3210.00	0.27	18	10	8
33	IN0020200096	6.19% GS 2034	178	3205.00	0.27	17	11	6
34	IN0020180041	FRB 2031	63	3010.00	0.25	14	5	9
35	IN0020060078	8.24% GS 2027	20	2960.00	0.25	7	1	6
36	IN0020160118	6.79% GS 2029	88	2630.02	0.22	14	6	8
37	IN0020220029	7.54% GS 2036	118	2488.37	0.21	20	13	7
38	IN0020210194	6.99% GS 2051	159	2483.85	0.21	18	15	3

TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
39	IN000464P017	7.34%GS22APR2064P	9	2240.00	0.19	4	1	3
40	IN0020200112	5.22% GS 2025	60	2226.91	0.19	16	3	13
41	IN001173P013	7.46%GS06NOV2073P	8	2190.00	0.18	2	1	1
42	IN0020210186	5.74% GS 2026	53	2182.02	0.18	14	4	10
43	IN0020210020	6.64% GS 2035	72	2055.00	0.17	15	5	10
44	IN0020040039	7.50% GS 2034	129	1776.50	0.15	16	10	6
45	IN0020150093	7.59% GS 2026	28	1715.77	0.14	11	2	9
46	IN0020170174	7.17% GS 2028	71	1593.15	0.13	15	6	9
47	IN0020200401	6.76% GS 2061	115	1590.00	0.13	14	8	6
48	IN0020220086	7.36% GS 2052	126	1525.40	0.13	16	10	6
49	IN0020180454	7.26% GS 2029	76	1504.17	0.13	16	8	8
50	IN0020150028	7.88% GS 2030	22	1425.00	0.12	11	0	11
51	IN0020150069	7.59% GS 2029	74	1215.50	0.10	13	5	8
52	IN0020060045	8.33% GS 2036	95	1162.00	0.10	12	5	7
53	IN0020160035	6.97% GS 2026	26	995.00	0.08	10	1	9
54	IN0020120062	8.30% GS 2042	16	866.84	0.07	8	1	7
55	IN0020070044	8.32% GS 2032	45	817.95	0.07	6	5	1
56	IN0020170042	6.68% GS 2031	56	769.00	0.06	13	3	10
57	IN0020140060	8.15% GS 2026	23	755.00	0.06	5	2	3
58	IN0020150036	7.72% GS 2025	15	735.00	0.06	5	1	4
59	IN0020190065	7.57% GS 2033	45	725.00	0.06	8	2	6
60	IN0020200252	6.67% GS 2050	66	723.40	0.06	15	6	9
61	IN0020140078	8.17% GS 2044	14	676.32	0.06	5	1	4
62	IN0020230119	7.33% GS 2026	11	585.00	0.05	5	0	5
63	IN0020070036	8.26% GS 2027	16	565.00	0.05	5	1	4
64	IN0020220094	7.40% GS 2062	19	562.00	0.05	7	1	6
65	IN0020020106	7.95% G.S 2032	31	540.10	0.04	10	3	7
66	IN0020070069	8.28% GS 2027	28	535.00	0.04	7	3	4
67	IN0020200054	7.16% GS 2050	50	524.82	0.04	14	5	9
68	IN0020140011	8.60% GS 2028	11	494.62	0.04	7	0	7
69	IN0020160019	7.61% GS 2030	22	485.00	0.04	7	1	6
70	IN0020170026	6.79% GS 2027	39	465.00	0.04	12	3	9
71	IN0020200187	6.80% GS 2060	44	458.10	0.04	14	4	10
72	IN0020060086	8.28% GS 2032	18	445.57	0.04	5	2	3
73	IN0020200245	6.22% GS 2035	22	417.59	0.03	10	1	9
74	IN0020120039	8.33% GS 2026	19	400.00	0.03	9	1	8
75	IN0020140052	8.24% GS 2033	32	399.00	0.03	5	1	4
76	IN0020200294	5.85% GS 2030	18	359.19	0.03	7	1	6

TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
77	IN0020240100	6.90% SGrB 2034	8	335.00	0.03	3	0	3
78	IN0020200278	5.15% GS 2025	29	327.77	0.03	10	2	8
79	IN0020150051	7.73% GS 2034	22	313.90	0.03	6	2	4
80	IN0020210202	6.95% GS 2061	47	310.00	0.03	13	3	10
81	IN0020160092	6.62% GS 2051	43	290.00	0.02	12	6	6
82	IN0020200070	5.79% GS 2030	15	273.61	0.02	8	0	8
83	IN0020160068	7.06% GS 2046	38	273.01	0.02	10	3	7
84	IN0020190057	7.63% GS 2059	6	261.00	0.02	4	0	4
85	IN0020160100	6.57% GS 2033	28	244.00	0.02	12	1	11
86	IN0020190016	7.27% GS 2026	3	220.00	0.02	3	0	3
87	IN0020230176	7.37% SGrB 2054	7	210.00	0.02	1	1	0
88	IN0020080050	6.83% GS 2039	27	205.00	0.02	11	1	10
89	IN0020100031	8.30% GS 2040	6	201.15	0.02	3	0	3
90	IN0020230143	7.25% SGrB 2028	4	193.48	0.02	2	0	2
91	IN0020220136	7.10% SGrB 2028	6	180.00	0.01	3	0	3
92	IN001024C040	GS22OCT2024C	6	178.36	0.01	4	0	4
93	IN0020190040	7.69% GS 2043	8	165.00	0.01	2	1	1
94	IN0020130079	9.23% GS 2043	6	160.00	0.01	3	0	3
95	IN000631C043	GS12JUN2031C	1	154.95	0.01	1	0	1
96	IN001027C035	GS22OCT2027C	6	153.77	0.01	4	0	4
97	IN0020190032	7.72% GS 2049	14	151.60	0.01	7	0	7
98	IN0020200039	7.19% GS 2060	10	151.23	0.01	6	0	6
99	IN0020190362	6.45% GS 2029	13	150.30	0.01	7	0	7
100	IN000663P014	7.25%GS12JUN2063P	1	150.00	0.01	1	0	1
101	IN0020230150	7.24% SGrB 2033	4	145.00	0.01	2	0	2
102	IN000425C040	GS22APR2025C	6	143.36	0.01	5	0	5
103	IN000439P019	7.23%GS15APR2039P	1	140.00	0.01	1	0	1
104	IN000531C029	GS06MAY2031C	5	134.65	0.01	4	0	4
105	IN001131C027	GS06NOV2031C	4	134.65	0.01	3	0	3
106	IN0020150044	8.13% GS 2045	5	129.00	0.01	4	0	4
107	IN0020030071	5.97% GS 2025	7	125.00	0.01	1	1	0
108	IN001130C029	GS06NOV2030C	4	118.63	0.01	4	0	4
109	IN000431C030	GS22APR2031C	7	118.09	0.01	5	0	5
110	IN000432C038	GS22APR2032C	6	114.09	0.01	5	0	5
111	IN000427C038	GS22APR2027C	5	107.53	0.01	3	0	3
112	IN000430C032	GS22APR2030C	5	105.52	0.01	3	0	3
113	IN000830C025	GS22AUG2030C	1	104.27	0.01	1	0	1
114	IN000831C023	GS22AUG2031C	1	104.27	0.01	1	0	1



TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
115	IN0020110063	8.83% GS 2041	1	100.00	0.01	1	0	1
116	IN0020110055	8.97% GS 2030	1	100.00	0.01	1	0	1
117	IN001031C037	GS22OCT2031C	8	98.09	0.01	6	0	6
118	IN000325C042	GS19MAR2025C	3	97.31	0.01	3	0	3
119	IN001230C035	GS17DEC2030C	1	94.61	0.01	1	0	1
120	IN001231C033	GS17DEC2031C	1	94.61	0.01	1	0	1
121	IN000630C037	GS17JUN2030C	1	94.61	0.01	1	0	1
122	IN000631C035	GS17JUN2031C	1	94.61	0.01	1	0	1
123	IN001030C039	GS22OCT2030C	5	92.53	0.01	3	0	3
124	IN000927C045	GS19SEP2027C	1	92.13	0.01	1	0	1
125	IN000326C040	GS19MAR2026C	1	88.43	0.01	1	0	1
126	IN000926C047	GS19SEP2026C	1	88.43	0.01	1	0	1
127	IN0020190024	7.62% GS 2039	7	86.80	0.01	2	1	1
128	IN001029C031	GS22OCT2029C	5	83.12	0.01	3	0	3
129	IN000434C034	GS22APR2034C	7	82.21	0.01	5	0	5
130	IN000435C031	GS22APR2035C	7	82.21	0.01	4	0	4
131	IN000436C039	GS22APR2036C	7	82.21	0.01	4	0	4
132	IN000437C037	GS22APR2037C	7	82.21	0.01	4	0	4
133	IN000438C035	GS22APR2038C	7	82.21	0.01	4	0	4
134	IN000439C033	GS22APR2039C	7	82.21	0.01	4	0	4
135	IN000440C031	GS22APR2040C	7	82.21	0.01	4	0	4
136	IN000441C039	GS22APR2041C	7	82.21	0.01	4	0	4
137	IN000442C037	GS22APR2042C	7	82.21	0.01	4	0	4
138	IN000443C035	GS22APR2043C	7	82.21	0.01	4	0	4
139	IN000444C033	GS22APR2044C	7	82.21	0.01	4	0	4
140	IN000445C030	GS22APR2045C	7	82.21	0.01	4	0	4
141	IN000446C038	GS22APR2046C	7	82.21	0.01	4	0	4
142	IN000447C028	GS22APR2047C	7	82.21	0.01	4	0	4
143	IN000448C026	GS22APR2048C	7	82.21	0.01	4	0	4
144	IN000449C024	GS22APR2049C	7	82.21	0.01	4	0	4
145	IN000450C022	GS22APR2050C	7	82.21	0.01	4	0	4
146	IN000451C020	GS22APR2051C	7	82.21	0.01	4	0	4
147	IN000452C028	GS22APR2052C	7	82.21	0.01	4	0	4
148	IN000453C026	GS22APR2053C	7	82.21	0.01	4	0	4
149	IN000454C024	GS22APR2054C	7	82.21	0.01	4	0	4
150	IN000455C021	GS22APR2055C	7	82.21	0.01	4	0	4
151	IN000456C011	GS22APR2056C	7	82.21	0.01	4	0	4
152	IN000457C019	GS22APR2057C	7	82.21	0.01	4	0	4

TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
153	IN000458C017	GS22APR2058C	7	82.21	0.01	4	0	4
154	IN000459C015	GS22APR2059C	7	82.21	0.01	4	0	4
155	IN000460C013	GS22APR2060C	7	82.21	0.01	4	0	4
156	IN000461C011	GS22APR2061C	7	82.21	0.01	4	0	4
157	IN000462C019	GS22APR2062C	7	82.21	0.01	4	0	4
158	IN000463C017	GS22APR2063C	7	82.21	0.01	4	0	4
159	IN000464C015	GS22APR2064C	7	82.21	0.01	4	0	4
160	IN001034C031	GS22OCT2034C	7	82.21	0.01	5	0	5
161	IN001035C038	GS22OCT2035C	7	82.21	0.01	4	0	4
162	IN001036C036	GS22OCT2036C	7	82.21	0.01	4	0	4
163	IN001037C034	GS22OCT2037C	7	82.21	0.01	4	0	4
164	IN001038C032	GS22OCT2038C	7	82.21	0.01	4	0	4
165	IN001039C030	GS22OCT2039C	7	82.21	0.01	4	0	4
166	IN001040C038	GS22OCT2040C	7	82.21	0.01	4	0	4
167	IN001041C036	GS22OCT2041C	7	82.21	0.01	4	0	4
168	IN001042C034	GS22OCT2042C	7	82.21	0.01	4	0	4
169	IN001043C032	GS22OCT2043C	7	82.21	0.01	4	0	4
170	IN001044C030	GS22OCT2044C	7	82.21	0.01	4	0	4
171	IN001045C037	GS22OCT2045C	7	82.21	0.01	4	0	4
172	IN001046C035	GS22OCT2046C	7	82.21	0.01	4	0	4
173	IN001047C025	GS22OCT2047C	7	82.21	0.01	4	0	4
174	IN001048C023	GS22OCT2048C	7	82.21	0.01	4	0	4
175	IN001049C021	GS22OCT2049C	7	82.21	0.01	4	0	4
176	IN001050C029	GS22OCT2050C	7	82.21	0.01	4	0	4
177	IN001051C027	GS22OCT2051C	7	82.21	0.01	4	0	4
178	IN001052C025	GS22OCT2052C	7	82.21	0.01	4	0	4
179	IN001053C023	GS22OCT2053C	7	82.21	0.01	4	0	4
180	IN001054C021	GS22OCT2054C	7	82.21	0.01	4	0	4
181	IN001055C028	GS22OCT2055C	7	82.21	0.01	4	0	4
182	IN001056C018	GS22OCT2056C	7	82.21	0.01	4	0	4
183	IN001057C016	GS22OCT2057C	7	82.21	0.01	4	0	4
184	IN001058C014	GS22OCT2058C	7	82.21	0.01	4	0	4
185	IN001059C012	GS22OCT2059C	7	82.21	0.01	4	0	4
186	IN001060C010	GS22OCT2060C	7	82.21	0.01	4	0	4
187	IN001061C018	GS22OCT2061C	7	82.21	0.01	4	0	4
188	IN001062C016	GS22OCT2062C	7	82.21	0.01	4	0	4
189	IN001063C014	GS22OCT2063C	7	82.21	0.01	4	0	4
190	IN000533C025	GS06MAY2033C	4	81.69	0.01	2	0	2

TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
191	IN000534C015	GS06MAY2034C	4	81.69	0.01	2	0	2
192	IN000535C012	GS06MAY2035C	4	81.69	0.01	2	0	2
193	IN000536C010	GS06MAY2036C	4	81.69	0.01	2	0	2
194	IN000537C018	GS06MAY2037C	4	81.69	0.01	2	0	2
195	IN000538C016	GS06MAY2038C	4	81.69	0.01	2	0	2
196	IN000539C014	GS06MAY2039C	4	81.69	0.01	2	0	2
197	IN000540C012	GS06MAY2040C	4	81.69	0.01	2	0	2
198	IN000541C010	GS06MAY2041C	4	81.69	0.01	2	0	2
199	IN000542C018	GS06MAY2042C	4	81.69	0.01	2	0	2
200	IN000543C016	GS06MAY2043C	4	81.69	0.01	2	0	2
201	IN000544C014	GS06MAY2044C	4	81.69	0.01	2	0	2
202	IN000545C011	GS06MAY2045C	4	81.69	0.01	2	0	2
203	IN000546C019	GS06MAY2046C	4	81.69	0.01	2	0	2
204	IN000547C017	GS06MAY2047C	4	81.69	0.01	2	0	2
205	IN000548C015	GS06MAY2048C	4	81.69	0.01	2	0	2
206	IN000549C013	GS06MAY2049C	4	81.69	0.01	2	0	2
207	IN000550C011	GS06MAY2050C	4	81.69	0.01	2	0	2
208	IN000551C019	GS06MAY2051C	4	81.69	0.01	2	0	2
209	IN000552C017	GS06MAY2052C	4	81.69	0.01	2	0	2
210	IN000553C015	GS06MAY2053C	4	81.69	0.01	2	0	2
211	IN000554C013	GS06MAY2054C	4	81.69	0.01	2	0	2
212	IN000555C010	GS06MAY2055C	4	81.69	0.01	2	0	2
213	IN000556C018	GS06MAY2056C	4	81.69	0.01	2	0	2
214	IN000557C016	GS06MAY2057C	4	81.69	0.01	2	0	2
215	IN000558C014	GS06MAY2058C	4	81.69	0.01	2	0	2
216	IN000559C012	GS06MAY2059C	4	81.69	0.01	2	0	2
217	IN000560C010	GS06MAY2060C	4	81.69	0.01	2	0	2
218	IN000561C018	GS06MAY2061C	4	81.69	0.01	2	0	2
219	IN000562C016	GS06MAY2062C	4	81.69	0.01	2	0	2
220	IN000563C014	GS06MAY2063C	4	81.69	0.01	2	0	2
221	IN000564C012	GS06MAY2064C	4	81.69	0.01	2	0	2
222	IN000565C019	GS06MAY2065C	4	81.69	0.01	2	0	2
223	IN000566C017	GS06MAY2066C	4	81.69	0.01	2	0	2
224	IN000567C015	GS06MAY2067C	4	81.69	0.01	2	0	2
225	IN000568C013	GS06MAY2068C	4	81.69	0.01	2	0	2
226	IN000569C011	GS06MAY2069C	4	81.69	0.01	2	0	2
227	IN000570C019	GS06MAY2070C	4	81.69	0.01	2	0	2
228	IN000571C017	GS06MAY2071C	4	81.69	0.01	2	0	2

TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
229	IN000572C015	GS06MAY2072C	4	81.69	0.01	2	0	2
230	IN000573C013	GS06MAY2073C	4	81.69	0.01	2	0	2
231	IN001133C023	GS06NOV2033C	4	81.69	0.01	2	0	2
232	IN001134C013	GS06NOV2034C	4	81.69	0.01	2	0	2
233	IN001135C010	GS06NOV2035C	4	81.69	0.01	2	0	2
234	IN001136C018	GS06NOV2036C	4	81.69	0.01	2	0	2
235	IN001137C016	GS06NOV2037C	4	81.69	0.01	2	0	2
236	IN001138C014	GS06NOV2038C	4	81.69	0.01	2	0	2
237	IN001139C012	GS06NOV2039C	4	81.69	0.01	2	0	2
238	IN001140C010	GS06NOV2040C	4	81.69	0.01	2	0	2
239	IN001141C018	GS06NOV2041C	4	81.69	0.01	2	0	2
240	IN001142C016	GS06NOV2042C	4	81.69	0.01	2	0	2
241	IN001143C014	GS06NOV2043C	4	81.69	0.01	2	0	2
242	IN001144C012	GS06NOV2044C	4	81.69	0.01	2	0	2
243	IN001145C019	GS06NOV2045C	4	81.69	0.01	2	0	2
244	IN001146C017	GS06NOV2046C	4	81.69	0.01	2	0	2
245	IN001147C015	GS06NOV2047C	4	81.69	0.01	2	0	2
246	IN001148C013	GS06NOV2048C	4	81.69	0.01	2	0	2
247	IN001149C011	GS06NOV2049C	4	81.69	0.01	2	0	2
248	IN001150C019	GS06NOV2050C	4	81.69	0.01	2	0	2
249	IN001151C017	GS06NOV2051C	4	81.69	0.01	2	0	2
250	IN001152C015	GS06NOV2052C	4	81.69	0.01	2	0	2
251	IN001153C013	GS06NOV2053C	4	81.69	0.01	2	0	2
252	IN001154C011	GS06NOV2054C	4	81.69	0.01	2	0	2
253	IN001155C018	GS06NOV2055C	4	81.69	0.01	2	0	2
254	IN001156C016	GS06NOV2056C	4	81.69	0.01	2	0	2
255	IN001157C014	GS06NOV2057C	4	81.69	0.01	2	0	2
256	IN001158C012	GS06NOV2058C	4	81.69	0.01	2	0	2
257	IN001159C010	GS06NOV2059C	4	81.69	0.01	2	0	2
258	IN001160C018	GS06NOV2060C	4	81.69	0.01	2	0	2
259	IN001161C016	GS06NOV2061C	4	81.69	0.01	2	0	2
260	IN001162C014	GS06NOV2062C	4	81.69	0.01	2	0	2
261	IN001163C012	GS06NOV2063C	4	81.69	0.01	2	0	2
262	IN001164C010	GS06NOV2064C	4	81.69	0.01	2	0	2
263	IN001165C017	GS06NOV2065C	4	81.69	0.01	2	0	2
264	IN001166C015	GS06NOV2066C	4	81.69	0.01	2	0	2
265	IN001167C013	GS06NOV2067C	4	81.69	0.01	2	0	2
266	IN001168C011	GS06NOV2068C	4	81.69	0.01	2	0	2

TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
267	IN001169C019	GS06NOV2069C	4	81.69	0.01	2	0	2
268	IN001170C017	GS06NOV2070C	4	81.69	0.01	2	0	2
269	IN001171C015	GS06NOV2071C	4	81.69	0.01	2	0	2
270	IN001172C013	GS06NOV2072C	4	81.69	0.01	2	0	2
271	IN001173C011	GS06NOV2073C	4	81.69	0.01	2	0	2
272	IN000924C059	GS12SEP2024C	3	81.00	0.01	3	0	3
273	IN001026C037	GS22OCT2026C	5	80.12	0.01	3	0	3
274	IN001251C049	GS12DEC2051C	1	76.13	0.01	1	0	1
275	IN000651C041	GS12JUN2051C	1	76.13	0.01	1	0	1
276	IN000832C021	GS22AUG2032C	1	73.85	0.01	1	0	1
277	IN000426C048	GS22APR2026C	5	72.52	0.01	3	0	3
278	IN000632C041	GS12JUN2032C	2	72.07	0.01	2	0	2
279	IN000433C036	GS22APR2033C	5	71.93	0.01	4	0	4
280	IN001032C035	GS22OCT2032C	5	71.93	0.01	4	0	4
281	IN001033C033	GS22OCT2033C	5	71.93	0.01	4	0	4
282	IN000528C025	GS06MAY2028C	3	68.63	0.01	3	0	3
283	IN000529C023	GS06MAY2029C	3	68.63	0.01	3	0	3
284	IN000530C021	GS06MAY2030C	3	68.63	0.01	3	0	3
285	IN001128C023	GS06NOV2028C	3	68.63	0.01	3	0	3
286	IN001129C021	GS06NOV2029C	3	68.63	0.01	3	0	3
287	IN000527C027	GS06MAY2027C	3	66.02	0.01	2	0	2
288	IN001127C025	GS06NOV2027C	3	66.02	0.01	2	0	2
289	IN000526C029	GS06MAY2026C	3	63.78	0.01	3	0	3
290	IN001126C027	GS06NOV2026C	3	63.78	0.01	3	0	3
291	IN000428C036	GS22APR2028C	4	56.52	0.00	2	0	2
292	IN000429C034	GS22APR2029C	4	56.52	0.00	2	0	2
293	IN001025C047	GS22OCT2025C	4	56.52	0.00	3	0	3
294	IN001028C033	GS22OCT2028C	4	56.52	0.00	2	0	2
295	IN001232C031	GS17DEC2032C	1	54.61	0.00	1	0	1
296	IN001233C039	GS17DEC2033C	1	54.61	0.00	1	0	1
297	IN000632C033	GS17JUN2032C	1	54.61	0.00	1	0	1
298	IN000633C031	GS17JUN2033C	1	54.61	0.00	1	0	1
299	IN000532C027	GS06MAY2032C	3	51.47	0.00	3	0	3
300	IN001132C025	GS06NOV2032C	3	51.43	0.00	3	0	3
301	IN000925C049	GS19SEP2025C	2	50.72	0.00	2	0	2
302	IN0020030022	6.13% GS 2028	6	50.00	0.00	2	0	2
303	IN0020220128	6.89% GS 2025	2	50.00	0.00	1	0	1
304	IN0020130053	9.20% GS 2030	1	50.00	0.00	1	0	1

TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
305	IN001231C074	GS16DEC2031C	1	50.00	0.00	1	0	1
306	IN001232C072	GS16DEC2032C	1	50.00	0.00	1	0	1
307	IN000232C024	GS22FEB2032C	1	48.50	0.00	1	0	1
308	IN000525C021	GS06MAY2025C	2	48.49	0.00	2	0	2
309	IN001124C022	GS06NOV2024C	2	48.49	0.00	2	0	2
310	IN001125C029	GS06NOV2025C	2	48.49	0.00	2	0	2
311	IN000325C059	GS12MAR2025C	1	45.26	0.00	1	0	1
312	IN0020060011	8.03% FCI SB 2024	1	40.00	0.00	1	0	1
313	IN0020089069	6.90% OMC SB 2026	5	35.27	0.00	5	0	5
314	IN001240C034	GS12DEC2040C	1	35.00	0.00	1	0	1
315	IN001241C032	GS12DEC2041C	1	35.00	0.00	1	0	1
316	IN001242C071	GS12DEC2042C	1	35.00	0.00	1	0	1
317	IN001243C061	GS12DEC2043C	1	35.00	0.00	1	0	1
318	IN001244C051	GS12DEC2044C	1	35.00	0.00	1	0	1
319	IN000640C036	GS12JUN2040C	1	35.00	0.00	1	0	1
320	IN000641C034	GS12JUN2041C	1	35.00	0.00	1	0	1
321	IN000642C073	GS12JUN2042C	1	35.00	0.00	1	0	1
322	IN000643C063	GS12JUN2043C	1	35.00	0.00	1	0	1
323	IN000644C053	GS12JUN2044C	1	35.00	0.00	1	0	1
324	IN001224C079	GS16DEC2024C	1	30.58	0.00	1	0	1
325	IN000824C028	GS22AUG2024C	1	25.00	0.00	1	0	1
326	IN000825C025	GS22AUG2025C	1	25.00	0.00	1	0	1
327	IN001231C041	GS12DEC2031C	2	20.30	0.00	2	0	2
328	IN000925C056	GS12SEP2025C	1	20.24	0.00	1	0	1
329	IN001025C039	GS12OCT2025C	1	19.71	0.00	1	0	1
330	IN001235C034	GS17DEC2035C	1	19.08	0.00	1	0	1
331	IN000625C037	GS17JUN2025C	1	19.08	0.00	1	0	1
332	IN000634C039	GS17JUN2034C	1	19.08	0.00	1	0	1
333	IN000635C036	GS17JUN2035C	1	19.08	0.00	1	0	1
334	IN000834C027	GS22AUG2034C	1	16.90	0.00	1	0	1
335	IN000835C016	GS22AUG2035C	1	16.90	0.00	1	0	1
336	IN000234C020	GS22FEB2034C	1	16.90	0.00	1	0	1
337	IN000235C019	GS22FEB2035C	1	16.90	0.00	1	0	1
338	IN000625C052	GS15JUN2025C	1	15.64	0.00	1	0	1
339	IN0020110048	9.15% GS 2024	1	15.00	0.00	1	0	1
340	IN000426C030	GS12APR2026C	2	10.63	0.00	1	0	1
341	IN001232C049	GS12DEC2032C	1	10.15	0.00	1	0	1
342	IN001233C047	GS12DEC2033C	1	10.15	0.00	1	0	1

TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
343	IN001234C045	GS12DEC2034C	1	10.15	0.00	1	0	1
344	IN000633C049	GS12JUN2033C	1	10.15	0.00	1	0	1
345	IN000634C047	GS12JUN2034C	1	10.15	0.00	1	0	1
346	IN000425C057	GS15APR2025C	2	10.12	0.00	2	0	2
347	IN000426C055	GS15APR2026C	2	10.12	0.00	2	0	2
348	IN000427C046	GS15APR2027C	2	10.12	0.00	2	0	2
349	IN000428C044	GS15APR2028C	2	10.12	0.00	2	0	2
350	IN000429C042	GS15APR2029C	2	10.12	0.00	2	0	2
351	IN001024C057	GS15OCT2024C	2	10.12	0.00	2	0	2
352	IN001025C054	GS15OCT2025C	2	10.12	0.00	2	0	2
353	IN001026C045	GS15OCT2026C	2	10.12	0.00	2	0	2
354	IN001027C043	GS15OCT2027C	2	10.12	0.00	2	0	2
355	IN001028C041	GS15OCT2028C	2	10.12	0.00	2	0	2
356	IN001029C049	GS15OCT2029C	2	10.12	0.00	2	0	2
357	IN000930C056	GS12SEP2030C	1	10.12	0.00	1	0	1
358	IN0020120047	8.20% GS 2025	1	10.00	0.00	1	0	1
359	IN001230C092	GS19DEC2030C	1	7.67	0.00	1	0	1
360	IN000630C094	GS19JUN2030C	1	7.67	0.00	1	0	1
361	IN000627C090	GS19JUN2027C	1	5.11	0.00	1	0	1
362	IN001234C052	GS15DEC2034C	1	5.10	0.00	1	0	1
363	IN000634C054	GS15JUN2034C	1	5.10	0.00	1	0	1
364	IN000635C051	GS15JUN2035C	1	5.10	0.00	1	0	1
365	IN000430C040	GS15APR2030C	1	5.06	0.00	1	0	1
366	IN000431C048	GS15APR2031C	1	5.06	0.00	1	0	1
367	IN000432C046	GS15APR2032C	1	5.06	0.00	1	0	1
368	IN000433C044	GS15APR2033C	1	5.06	0.00	1	0	1
369	IN000434C042	GS15APR2034C	1	5.06	0.00	1	0	1
370	IN000435C049	GS15APR2035C	1	5.06	0.00	1	0	1
371	IN000436C047	GS15APR2036C	1	5.06	0.00	1	0	1
372	IN000437C045	GS15APR2037C	1	5.06	0.00	1	0	1
373	IN000438C043	GS15APR2038C	1	5.06	0.00	1	0	1
374	IN000439C041	GS15APR2039C	1	5.06	0.00	1	0	1
375	IN001030C047	GS15OCT2030C	1	5.06	0.00	1	0	1
376	IN001031C045	GS15OCT2031C	1	5.06	0.00	1	0	1
377	IN001032C043	GS15OCT2032C	1	5.06	0.00	1	0	1
378	IN001033C041	GS15OCT2033C	1	5.06	0.00	1	0	1
379	IN001034C049	GS15OCT2034C	1	5.06	0.00	1	0	1
380	IN001035C046	GS15OCT2035C	1	5.06	0.00	1	0	1

TABLE 38: LIQUIDITY OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	ISIN	ISINDESC	No. of Trades	Value (₹ Cr.)	Market Share (%)	Days Traded	Days Traded with 5 trades or more per day	Days Traded with less than 5 trades per day
381	IN001036C044	GS15OCT2036C	1	5.06	0.00	1	0	1
382	IN001037C042	GS15OCT2037C	1	5.06	0.00	1	0	1
383	IN001038C040	GS15OCT2038C	1	5.06	0.00	1	0	1
384	IN000426P016	5.63%%GS12APR2026P	1	5.00	0.00	1	0	1
385	IN0020020247	6.01% GS 2028	1	5.00	0.00	1	0	1
386	IN000427C020	GS10APR2027C	1	5.00	0.00	1	0	1
387	IN000428C028	GS10APR2028C	1	5.00	0.00	1	0	1
388	IN001226C058	GS15DEC2026C	1	5.00	0.00	1	0	1
389	IN000626C050	GS15JUN2026C	1	5.00	0.00	1	0	1
390	IN000626C035	GS17JUN2026C	1	5.00	0.00	1	0	1
391	IN000924C042	GS19SEP2024C	1	5.00	0.00	1	0	1
392	IN000227C024	GS22FEB2027C	1	5.00	0.00	1	0	1
		<b>Total</b>	<b>86017</b>	<b>1203189.22</b>	<b>100.00</b>			



TABLE 39: LIQUIDITY DISTRIBUTION OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	5 or more Trades Per Day					Less than 5 Trades Per Day				
	ISIN	ISINDESC	Days Traded	Trades	Value (₹ Cr.)	ISIN	ISINDESC	Days Traded	Trades	Value (₹ Cr.)
1	IN0020240019	7.10% GS 2034	21	48506	545003	IN0020230028	6.99% GS 2026	5	15	2060
2	IN0020230085	7.18% GS 2033	21	8933	110019	IN0020190396	6.18% GS 2024	7	13	1825
3	IN0020240027	7.23% GS 2039	21	4238	61304	IN0020210186	5.74% GS 2026	10	25	1581
4	IN0020230135	7.32% GS 2030	21	2895	47415	IN0020200112	5.22% GS 2025	13	32	1567
5	IN0020240035	7.34% GS 2064	21	2161	41793	IN0020150028	7.88% GS 2030	11	22	1425
6	IN0020230077	7.18% GS 2037	21	2423	32980	IN0020060078	8.24% GS 2027	6	12	1050
7	IN0020220151	7.26% GS 2033	21	1568	31022	IN0020200153	5.77% GS 2030	9	22	978
8	IN0020240076	7.02% GS 2031	20	1280	21054	IN0020150093	7.59% GS 2026	9	14	920
9	IN0020240050	7.04% GS 2029	19	754	20858	IN0020170174	7.17% GS 2028	9	20	690
10	IN0020190396	6.18% GS 2024	12	193	19245	IN0020210020	6.64% GS 2035	10	24	665
11	IN0020230010	7.06% GS 2028	20	753	18150	IN0020180041	FRB 2031	9	17	665
12	IN0020230101	7.37% GS 2028	20	1119	17030	IN0020120062	8.30% GS 2042	7	10	662
13	IN0020230036	7.17% GS 2030	19	816	16520	IN0020200096	6.19% GS 2034	6	12	645
14	IN0020240118	7.09% GS 2054	19	1022	15995	IN0020220011	7.10% GS 2029	9	18	638
15	IN0020230051	7.30% GS 2053	21	1094	15409	IN0020140078	8.17% GS 2044	4	9	635
16	IN0020210160	FRB 2028	14	369	11790	IN0020230119	7.33% GS 2026	5	11	585
17	IN0020220060	7.26% GS 2032	18	550	11121	IN0020150069	7.59% GS 2029	8	21	541
18	IN0020210244	6.54% GS 2032	19	554	8927	IN0020140011	8.60% GS 2028	7	11	495
19	IN0020210012	5.63% GS 2026	11	120	7963	IN0020220060	7.26% GS 2032	2	6	494
20	IN0020200120	FRB 2033	14	329	7373	IN0020210012	5.63% GS 2026	7	13	483
21	IN0020230028	6.99% GS 2026	7	136	6690	IN0020160118	6.79% GS 2029	8	20	470
22	IN0020220037	7.38% GS 2027	17	288	6161	IN0020140060	8.15% GS 2026	3	7	465
23	IN0020230127	7.46% GS 2073	13	319	5533	IN0020150036	7.72% GS 2025	4	9	460
24	IN0020050012	7.40% GS 2035	17	396	5122	IN0020240050	7.04% GS 2029	2	6	425
25	IN0020210137	FRB 2034	10	144	4615	IN0020220102	7.41% GS 2036	7	18	404
26	IN0020230044	7.25% GS 2063	16	234	4585	IN0020190065	7.57% GS 2033	6	14	400
27	IN0020210095	6.10% GS 2031	12	275	4363	IN0020160019	7.61% GS 2030	6	17	365
28	IN0020240043	7.02% GS 2027	5	61	3795	IN0020200245	6.22% GS 2035	9	17	365
29	IN0020220102	7.41% GS 2036	14	162	3670	IN0020210152	6.67% GS 2035	8	16	350
30	IN0020220011	7.10% GS 2029	11	220	3598	IN0020180454	7.26% GS 2029	8	24	350
31	IN0020210152	6.67% GS 2035	10	162	2860	IN0020240100	6.90% SGRB 2034	3	8	335
32	IN0020200153	5.77% GS 2030	5	59	2771	IN0020230127	7.46% GS 2073	7	15	335
33	IN0020200096	6.19% GS 2034	11	166	2560	IN0020210095	6.10% GS 2031	6	11	330
34	IN0020180041	FRB 2031	5	46	2345	IN0020200187	6.80% GS 2060	10	22	325
35	IN0020220029	7.54% GS 2036	13	103	2245	IN0020070036	8.26% GS 2027	4	8	325
36	IN0020210194	6.99% GS 2051	15	151	2184	IN0020040039	7.50% GS 2034	6	17	305
37	IN0020160118	6.79% GS 2029	6	68	2160	IN0020200054	7.16% GS 2050	9	22	301
38	IN0020060078	8.24% GS 2027	1	8	1910	IN0020170026	6.79% GS 2027	9	21	300
39	IN0020040039	7.50% GS 2034	10	112	1472	IN0020210194	6.99% GS 2051	3	8	300
40	IN0020200401	6.76% GS 2061	8	102	1445	IN0020220094	7.40% GS 2062	6	14	297

TABLE 39: LIQUIDITY DISTRIBUTION OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	5 or more Trades Per Day					Less than 5 Trades Per Day				
	ISIN	ISINDESC	Days Traded	Trades	Value (₹ Cr.)	ISIN	ISINDESC	Days Traded	Trades	Value (₹ Cr.)
41	IN0020210020	6.64% GS 2035	5	48	1390	IN0020200252	6.67% GS 2050	9	22	282
42	IN0020220086	7.36% GS 2052	10	109	1360	IN0020200294	5.85% GS 2030	6	13	281
43	IN0020180454	7.26% GS 2029	8	52	1154	IN0020170042	6.68% GS 2031	10	25	279
44	IN0020060045	8.33% GS 2036	5	83	1025	IN0020200070	5.79% GS 2030	8	15	274
45	IN0020170174	7.17% GS 2028	6	51	903	IN0020020106	7.95% G.S 2032	7	8	270
46	IN0020070044	8.32% GS 2032	5	43	798	IN0020220037	7.38% GS 2027	3	8	270
47	IN0020150093	7.59% GS 2026	2	14	796	IN0020190057	7.63% GS 2059	4	6	261
48	IN0020160035	6.97% GS 2026	1	10	760	IN0020120039	8.33% GS 2026	8	12	250
49	IN0020150069	7.59% GS 2029	5	53	675	IN0020220029	7.54% GS 2036	7	15	243
50	IN0020200112	5.22% GS 2025	3	28	660	IN0020160035	6.97% GS 2026	9	16	235
51	IN0020210186	5.74% GS 2026	4	28	601	IN0020060086	8.28% GS 2032	3	7	231
52	IN0020170042	6.68% GS 2031	3	31	490	IN0020190016	7.27% GS 2026	3	3	220
53	IN0020200252	6.67% GS 2050	6	44	442	IN0020160100	6.57% GS 2033	11	23	219
54	IN0020070069	8.28% GS 2027	3	19	400	IN0020230044	7.25% GS 2063	5	12	205
55	IN0020190065	7.57% GS 2033	2	31	325	IN0020100031	8.30% GS 2040	3	6	201
56	IN0020140052	8.24% GS 2033	1	25	295	IN0020210160	FRB 2028	6	10	200
57	IN0020140060	8.15% GS 2026	2	16	290	IN0020230143	7.25% SGrB 2028	2	4	193
58	IN0020150036	7.72% GS 2025	1	6	275	IN0020220136	7.10% SGrB 2028	3	6	180
59	IN0020020106	7.95% G.S 2032	3	23	270	IN0020150051	7.73% GS 2034	4	9	174
60	IN0020220094	7.40% GS 2062	1	5	265	IN0020210202	6.95% GS 2061	10	24	170
61	IN0020070036	8.26% GS 2027	1	8	240	IN0020220086	7.36% GS 2052	6	17	165
62	IN0020200054	7.16% GS 2050	5	28	224	IN0020130079	9.23% GS 2043	3	6	160
63	IN0020200278	5.15% GS 2025	2	14	215	IN0020160068	7.06% GS 2046	7	18	153
64	IN0020060086	8.28% GS 2032	2	11	215	IN0020190032	7.72% GS 2049	7	14	152
65	IN0020230176	7.37% SGrB 2054	1	7	210	IN0020200039	7.19% GS 2060	6	10	151
66	IN0020120062	8.30% GS 2042	1	6	205	IN0020190362	6.45% GS 2029	7	13	150
67	IN0020160092	6.62% GS 2051	6	34	185	IN0020200401	6.76% GS 2061	6	13	145
68	IN0020170026	6.79% GS 2027	3	18	165	IN0020230150	7.24% SGrB 2033	2	4	145
69	IN0020120039	8.33% GS 2026	1	7	150	IN0020060045	8.33% GS 2036	7	12	137
70	IN0020210202	6.95% GS 2061	3	23	140	IN0020070069	8.28% GS 2027	4	9	135
71	IN0020150051	7.73% GS 2034	2	13	140	IN0020150044	8.13% GS 2045	4	5	129
72	IN0020200187	6.80% GS 2060	4	22	133	IN0020210137	FRB 2034	6	12	120
73	IN0020030071	5.97% GS 2025	1	7	125	IN0020200278	5.15% GS 2025	8	15	113
74	IN0020160068	7.06% GS 2046	3	20	120	IN0020160092	6.62% GS 2051	6	9	105
76	IN0020160019	7.61% GS 2030	1	5	120	IN0020080050	6.83% GS 2039	10	19	105
77	IN0020190040	7.69% GS 2043	1	5	110	IN0020140052	8.24% GS 2033	4	7	104
78	IN0020080050	6.83% GS 2039	1	8	100	IN0020110063	8.83% GS 2041	1	1	100
79	IN0020200294	5.85% GS 2030	1	5	78	IN0020110055	8.97% GS 2030	1	1	100
80	IN0020200245	6.22% GS 2035	1	5	53	IN0020240118	7.09% GS 2054	1	4	70
81	IN0020190024	7.62% GS 2039	1	5	50	IN0020050012	7.40% GS 2035	2	4	70

TABLE 39: LIQUIDITY DISTRIBUTION OF TRADES GREATER THAN ₹5 CRORE (G-SEC)

Sr. No.	5 or more Trades Per Day					Less than 5 Trades Per Day				
	ISIN	ISINDESC	Days Traded	Trades	Value (₹ Cr.)	ISIN	ISINDESC	Days Traded	Trades	Value (₹ Cr.)
82	IN0020140078	8.17% GS 2044	1	5	41	IN0020230010	7.06% GS 2028	1	4	55
83	IN0020160100	6.57% GS 2033	1	5	25	IN0020190040	7.69% GS 2043	1	3	55
84						IN0020030022	6.13% GS 2028	2	6	50
85						IN0020220128	6.89% GS 2025	1	2	50
86						IN0020130053	9.20% GS 2030	1	1	50
87						IN0020200120	FRB 2033	3	3	50
88						IN0020060011	8.03% FCI SB 2024	1	1	40
89						IN0020190024	7.62% GS 2039	1	2	37
90						IN0020089069	6.90% OMC SB 2026	5	5	35
91						IN0020210244	6.54% GS 2032	2	5	30
92						IN0020240076	7.02% GS 2031	1	3	20
93						IN0020230036	7.17% GS 2030	2	4	20
94						IN0020070044	8.32% GS 2032	1	2	20
95						IN0020110048	9.15% GS 2024	1	1	15
96						IN0020120047	8.20% GS 2025	1	1	10
97						IN0020020247	6.01% GS 2028	1	1	5
		Total	698	83869	1147275		Total	521	1102	33498
		Expected Bond Days	1743				Expected Bond Days	2037		
		Efficiency	40.05				Efficiency	25.58		

## MONEY MARKET

TABLE 40: MONEY MARKET VOLUMES

Amount ₹ Crore

Period	Uncollateralised Call, Notice and Term Money Market		Market Repo		CBLO/TREP	
	Value	Daily Average Value	Value	Daily Average Value	Value	Daily Average Value
2009-10	2522703	8914	6072829	21308	15541378	54531
2010-11	2945901	10020	4099284	13943	12259745	41700
2011-12	4084692	14085	3755892	12907	11155428	38335
2012-13	4814032	16658	5402765	18695	12028040	41620
2013-14	4507273	15383	7228127	24585	17526192	59613
2014-15	3740742	12989	7875244	27440	16764597	58413
2015-16	3799481	13717	8621665	31125	17833528	64381
2016-17	4242821	15714	11835001	43833	22952833	85010
2017-18	3871780	14556	12780289	48046	28330758	106507
2018-19	5002364	18596	13566142	50432	32592056	121160
2019-20	4173933	15633	14799713	55430	40142194	150345
2020-21	2814991	10426	22770547	84335	56850956	210559
2021-22	2280869	8575	25525641	95961	82263925	309263
2022-23	3132545	11602	34048195	126104	94128105	348623
2023-24	2831134	10603	38350154	143634	80281951	300681
Apr-24	234480	11724	3252009	162600	6598519	329926
May-24	254228	11556	3344636	152029	6599952	299998
Jun-24	244400	11109	3197994	145363	7320931	332770
Jul-24	253445	10560	3570363	148765	8464077	352670
Aug-24	234668	9778	3207792	133658	7684775	320199
2024-25 (Upto August 2024)	1221222	10904	16572795	147971	36668254	327395

\*CBLO segment of the money market was discontinued and replaced with TREP with effect from November 5, 2018.

TABLE 41: TREP TRADING

Amount ₹ Crore

Settlement Period	Total		Daily Average	
	Trades	Value	Trades	Value
2018-19*	88670	14451590	821	133811
2019-20	218370	40142194	818	150345
2020-21	242715	56850956	899	210559
2021-22	291979	82263925	1098	309263
2022-23	293947	94128105	1089	348623
2023-24	234937	80281951	880	300681
Apr-24	18902	6598519	945	329926
May-24	19232	6599952	874	299998
Jun-24	20579	7320931	935	332770
Jul-24	23295	8464077	971	352670
Aug-24	21802	7684775	908	320199
2024-25 (Upto August 2024)	103810	36668254	927	327395

\*Launched on November 5, 2018.

## MARKET REPO

TABLE 42: REPO TERM ANALYSIS										Percent
Settlement Period	O/N		2-3 days		4-7 days		8-14 days		>14 days	
	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value
2002-03	50.05	50.15	30.96	31.01	15.46	15.95	2.26	1.78	1.27	1.11
2003-04	53.00	52.29	32.68	32.94	13.63	14.37	0.58	0.34	0.11	0.06
2004-05	68.29	69.29	26.30	24.23	5.30	6.35	0.09	0.11	0.02	0.02
2005-06	70.93	72.06	25.73	25.11	3.06	2.71	0.19	0.08	0.08	0.04
2006-07	73.68	75.19	21.58	21.06	4.32	3.57	0.12	0.07	0.31	0.11
2007-08	74.00	73.97	22.86	23.25	2.80	2.69	0.03	0.01	0.30	0.09
2008-09	68.24	68.69	27.17	27.04	4.35	4.17	0.07	0.03	0.17	0.07
2009-10	70.42	69.51	23.07	24.25	6.23	6.00	0.19	0.23	0.09	0.02
2010-11	68.51	65.99	27.94	31.12	2.96	2.68	0.27	0.08	0.32	0.13
2011-12	67.46	65.94	26.27	28.53	5.17	5.24	0.39	0.11	0.72	0.18
2012-13	69.06	67.82	27.13	27.75	3.49	4.16	0.14	0.21	0.18	0.05
2013-14	66.29	65.24	27.73	28.34	5.60	6.17	0.16	0.18	0.23	0.07
2014-15	67.08	65.76	27.56	28.22	5.08	5.63	0.25	0.37	0.03	0.02
2015-16	71.79	70.30	23.89	25.40	4.24	4.21	0.06	0.08	0.02	0.02
2016-17	70.48	67.25	24.29	26.22	4.67	5.36	0.39	0.79	0.16	0.39
2017-18	71.27	68.06	21.27	23.76	6.15	6.92	0.41	0.65	0.90	0.61
2018-19	71.09	68.11	25.61	27.98	2.45	2.82	0.28	0.44	0.58	0.65
2019-20	72.12	71.17	24.14	24.20	3.16	3.26	0.27	0.63	0.31	0.74
2020-21	76.60	76.60	18.45	18.28	4.78	4.89	0.05	0.07	0.11	0.16
2021-22	74.26	74.04	21.85	22.04	3.59	3.54	0.07	0.08	0.22	0.30
2022-23	73.27	73.12	24.63	24.76	1.82	1.80	0.06	0.05	0.22	0.27
2023-24	74.42	74.51	19.72	19.25	5.63	5.84	0.05	0.08	0.18	0.32
Apr-24	54.53	55.28	45.18	44.51	0.07	0.02	0.03	0.01	0.20	0.18
May-24	69.03	69.25	26.01	25.30	4.70	4.86	0.03	0.07	0.23	0.52
Jun-24	77.99	78.51	16.39	15.79	5.38	5.30	0.06	0.04	0.18	0.37
Jul-24	76.65	76.83	22.99	22.69	0.08	0.08	0.08	0.12	0.21	0.28
Aug-24	70.14	69.86	29.27	29.22	0.20	0.10	0.08	0.09	0.31	0.73
2024-25 (Upto August 2024)	70.00	70.05	27.60	27.43	2.12	2.04	0.06	0.07	0.22	0.41

TABLE 43: INSTRUMENTWISE SETTLEMENT OF REPO TRADES Amount ₹ Crore

Settlement Period	Cen. Govt. Dated			Treasury Bills			State Govt		
	Value	Avg. Value	% Share	Value	Avg. Value	% Share	Value	Avg. Value	% Share
2002-03	403971	1360	86.28	64238	216	13.72	20	0	0.00
2003-04	874438	2974	92.71	59222	201	6.28	9530	32	1.01
2004-05	1262149	4322	81.02	286955	983	18.42	8803	30	0.57
2005-06	1369411	4674	80.81	277687	948	16.39	47411	162	2.80
2006-07	2126634	7233	83.19	379165	1290	14.83	50677	172	1.98
2007-08	3569960	12102	90.41	323984	1098	8.20	54807	186	1.39
2008-09	3475348	12109	84.88	583335	2033	14.25	35603	124	0.87
2009-10	5233295	18362	86.18	812537	2851	13.38	26996	95	0.44
2010-11	3253965	11068	79.38	832632	2832	20.31	12688	43	0.31
2011-12	2186877	7515	58.10	1554121	5341	41.29	22878	79	0.61
2012-13	2918337	10098	54.02	2413144	8350	44.66	71282	247	1.32
2013-14	3364069	11442	46.54	3832478	13036	53.02	31580	107	0.44
2014-15	4471896	15582	56.78	3259007	11355	41.38	144343	503	1.83
2015-16	6230697	22493	72.27	2248204	8116	26.08	142765	515	1.66
2016-17	9499803	35184	80.27	1802788	6677	15.23	532410	1972	4.50
2017-18	9131782	34330	71.45	2684898	10094	21.01	963609	3623	7.54
2018-19	9212117	34246	67.91	2513999	9346	18.53	1840027	6840	13.56
2019-20	10447710	39130	70.59	1412792	5291	9.55	2939209	11008	19.86
2020-21	15640373	57927	68.69	3068164	11364	13.47	4062010	15044	17.84
2021-22	18587198	69877	72.82	2921957	10985	11.45	4016484	15100	15.74
2022-23	23542157	87193	69.14	5043533	18680	14.81	5462506	20232	16.04
2023-24	28498170	106735	74.31	2613522	9788	6.81	7238462	27110	18.87
Apr-24	2335480	116774	71.82	433388	21669	13.33	483140	24157	14.86
May-24	2310593	105027	69.09	468719	21305	14.02	564824	25674	16.89
Jun-24	2380966	108226	74.44	308429	14020	9.64	509099	23141	15.92
Jul-24	2696161	112340	75.52	335147	13964	9.39	539055	22461	15.10
Aug-24	2463426	102643	76.80	190489	7937	5.94	553877	23078	17.27
2024-25 (Upto August 2024)	12186626	108809	73.53	1736172	15502	10.48	2649995	23661	15.99

TABLE 44: CROMS TRADING ACTIVITY

Amount ₹ Crore

Date	CROMS Special			CROMS Basket			CROMS - Total			Repo			% Share of CROMS in Repo volumes
	Trades	Value	WAR	Trades	Value	WAR	Trades	Value	WAR	Trades	Value	WAR	
1-Aug-24	453	49744	6.4218	474	99313	6.4408	927	149057	6.4344	940	152782	6.4339	97.56
2-Aug-24	490	48341	6.3923	471	98274	6.3852	961	146615	6.3875	975	150467	6.3880	97.44
3-Aug-24	1	15	6.1000	7	780	5.9504	8	795	5.9532	8	795	5.9532	100.00
5-Aug-24	448	45521	6.3408	479	102864	6.3463	927	148385	6.3446	945	155533	6.3425	95.40
6-Aug-24	515	53551	6.3340	475	92201	6.3411	990	145752	6.3385	1001	149531	6.3383	97.47
7-Aug-24	507	51825	6.3634	465	91656	6.4106	972	143481	6.3935	987	148277	6.3924	96.77
8-Aug-24	459	52057	6.5820	521	106939	6.7254	980	158996	6.6784	994	164010	6.6782	96.94
9-Aug-24	518	48192	6.4363	530	111239	6.4902	1048	159431	6.4739	1061	163242	6.4735	97.67
12-Aug-24	487	49843	6.3710	459	99138	6.3990	946	148981	6.3896	963	154117	6.3853	96.67
13-Aug-24	507	46470	6.3968	439	97168	6.4422	946	143638	6.4275	963	148479	6.4266	96.74
14-Aug-24	490	50135	6.4119	477	101361	6.4642	967	151496	6.4469	983	155359	6.4465	97.51
16-Aug-24	503	54022	6.4037	467	100193	6.4692	970	154215	6.4462	982	157565	6.4436	97.87
17-Aug-24	-	-	-	11	1229	6.3520	11	1229	6.3520	11	1229	6.3520	100.00
19-Aug-24	463	46755	6.4103	532	104253	6.4577	995	151008	6.4430	1004	153940	6.4416	98.10
20-Aug-24	480	47819	6.4420	519	104834	6.4979	999	152653	6.4804	1012	156606	6.4781	97.48
21-Aug-24	470	45445	6.4659	498	98327	6.5192	968	143772	6.5023	983	148247	6.5019	96.98
22-Aug-24	484	48731	6.4488	506	96301	6.4666	990	145032	6.4606	1000	147401	6.4606	98.39
23-Aug-24	491	49131	6.3839	503	96132	6.4308	994	145263	6.4150	1004	148104	6.4137	98.08
26-Aug-24	490	44722	6.3125	486	94417	6.4006	976	139139	6.3723	993	143213	6.3729	97.16
27-Aug-24	490	48537	6.3194	436	85521	6.4281	926	134058	6.3888	941	137620	6.3894	97.41
28-Aug-24	477	48704	6.3151	398	88055	6.4947	875	136759	6.4307	888	139857	6.4312	97.78
29-Aug-24	475	53525	6.4673	454	105611	6.6619	929	159136	6.5965	942	162346	6.5979	98.02
30-Aug-24	459	48222	6.4597	557	116998	6.6680	1016	165220	6.6072	1029	168271	6.6078	98.19
31-Aug-24	3	20	5.0000	20	781	5.5124	23	801	5.4996	23	801	5.4996	100.00
<b>Total</b>	<b>10160</b>	<b>1031327</b>	<b>6</b>	<b>10184</b>	<b>2093585</b>	<b>6.4151</b>	<b>20344</b>	<b>3124912</b>	<b>6.2885</b>	<b>20632</b>	<b>3207792</b>	<b>0</b>	<b>97.42</b>

TABLE 45: CROMS HISTORICAL SUMMARY

Amount ₹ Crore

Period	CROMS-SPECIAL			CROMS-BASKET			CROMS			
	Trades	Value	% Share in Repo	Trades	Value	% Share in Repo	Trades	Total Value	Daily Average Value	% Share in Repo
2008-09	957	93369	9.05	26	853	0.08	983	94222	2298	9.14
2009-10	5336	742575	12.23	9888	3543468	58.38	15224	4286042	17933	70.61
2010-11	8718	810326	19.78	10181	2016259	49.21	18899	2826585	11398	68.98
2011-12	12757	1333933	35.45	9519	1233105	32.77	22276	2567038	10652	68.23
2012-13	18732	1936643	35.85	18543	2927336	54.19	37275	4863979	19692	90.05
2013-14	13780	1287231	17.81	28540	5238049	72.48	42320	6525279	26418	90.29
2014-15	15120	1362280	17.30	36319	5954619	75.61	51439	7316899	30743	92.91
2015-16	29770	2872304	33.31	35142	5280959	61.25	64912	8153264	33691	94.57
2016-17	46594	4156364	35.12	33543	6924118	58.51	80137	11080482	45599	93.62
2017-18	66806	5282083	41.33	28926	6794253	53.16	95732	12076336	49493	94.49
2018-19	61462	4828031	35.59	42081	7664438	56.50	103543	12492469	51199	92.09
2019-20	75747	6385083	43.14	37688	6787195	45.86	113435	13172278	53985	89.00
2020-21	83143	7735343	33.97	58210	13639453	59.90	141353	21374796	87244	93.87
2021-22	87046	7995324	31.32	61247	16118497	63.15	148293	24113821	97627	94.47
2022-23	104713	10040213	29.49	94726	22671276	66.59	199439	32711489	122058	96.07
2023-24	106433	10442496	27.23	137525	26762126	69.78	243958	37204622	139343	97.01
Apr-24	8066	853231	26.24	10792	2328174	71.59	18858	3181405	159070	97.83
May-24	9447	944687	28.24	11619	2321946	69.42	21066	3266633	148483	97.67
Jun-24	9390	973729	30.45	11244	2148315	67.18	20634	3122044	141911	97.63
Jul-24	9860	1036361	29.03	11769	2447335	68.55	21629	3483696	145154	97.57
Aug-24	10160	1031327	32.15	10184	2093585	65.27	20344	3124912	130205	97.42
2024-25 (Upto August 2024)	46923	4839335	29.20	55608	11339355	68.42	102531	16178690	144453	97.62

TABLE 46: TOP 5 SECURITIES - BASKET REPO

Amount ₹ Crore

Security	Trades	Value	Rate
FRB 2033	212	86634	6.4696
7.36% GS 2052	178	85129	6.4887
FRB 2028	178	79443	6.4668
7.10% GS 2034	260	73987	6.4726
7.25% GS 2063	155	68908	6.4918

TABLE 47: TOP 5 SECURITIES - SPECIAL REPO

Amount ₹ Crore

Security	Trades	Value	Rate
7.10% GS 2034	938	151246	6.3135
7.23% GS 2039	636	99709	6.1014
7.18% GS 2037	269	48732	6.4030
6.90% OMC SB 2026	114	43002	6.5060
6.35% OMC SB 2024	91	37580	6.4821



## CALL MONEY MARKET

TABLE 48: DEALT TRANSACTIONS ON THE NDS-CALL PLATFORM Amount ₹ Crore

Date	CALL			NOTICE			TERM			TOTAL	
	Trade	Value	WAR	Trade	Value	WAR	Trade	Value	WAR	Trade	Value
01-Aug-24	304	10739.61	6.47	12	187.20	6.46	13	429.00	6.98	329	11355.81
02-Aug-24	55	1194.11	6.11	265	10143.68	6.49	11	271.00	6.96	331	11608.79
03-Aug-24	59	1130.05	6.08	-	-	-	-	-	-	59	1130.05
05-Aug-24	315	9957.04	6.44	23	1119.80	6.49	15	459.50	6.96	353	11536.34
06-Aug-24	335	10378.45	6.41	13	192.65	6.31	12	302.75	6.80	360	10873.85
07-Aug-24	324	10908.38	6.48	15	279.87	6.36	9	166.50	6.93	348	11354.75
08-Aug-24	330	10344.59	6.65	18	273.50	6.55	10	194.00	6.87	358	10812.09
09-Aug-24	321	10387.73	6.53	14	142.45	6.42	4	240.50	6.89	339	10770.68
12-Aug-24	322	11163.56	6.47	10	230.30	6.45	10	303.00	6.93	342	11696.86
13-Aug-24	333	11382.33	6.48	15	206.25	6.30	13	681.50	6.93	361	12270.08
14-Aug-24	308	10128.90	6.48	27	273.59	6.38	15	652.00	6.96	350	11054.49
16-Aug-24	60	780.50	6.11	244	8441.44	6.50	10	723.00	7.05	314	9944.94
17-Aug-24	45	725.90	6.17	13	88.90	6.05	-	-	-	58	814.80
19-Aug-24	225	9144.92	6.49	14	154.35	6.32	15	732.00	6.93	254	10031.27
20-Aug-24	322	10918.63	6.50	13	207.10	6.41	21	1143.00	7.00	356	12268.73
21-Aug-24	326	10337.40	6.53	12	113.60	6.28	16	625.00	6.97	354	11076.00
22-Aug-24	320	9575.57	6.52	12	126.20	6.45	9	277.50	6.94	341	9979.27
23-Aug-24	192	7616.48	6.53	122	1559.20	6.46	7	294.00	6.91	321	9469.68
26-Aug-24	185	7491.54	6.52	4	97.50	6.42	5	55.50	6.83	194	7644.54
27-Aug-24	303	9327.56	6.51	19	214.97	6.40	16	462.00	7.00	338	10004.53
28-Aug-24	321	12698.71	6.56	13	146.25	6.43	12	574.50	6.96	346	13419.46
29-Aug-24	327	11870.75	6.66	9	42.30	6.37	12	695.50	6.99	348	12608.55
30-Aug-24	62	1757.65	6.39	255	9611.37	6.72	11	607.00	7.03	328	11976.02
31-Aug-24	57	958.70	6.13	1	8.00	6.24	-	-	-	58	966.70
<b>Total</b>	<b>5751</b>	<b>190919</b>	<b>6.5038</b>	<b>1143</b>	<b>33860</b>	<b>6.5485</b>	<b>246</b>	<b>9889</b>	<b>6.9637</b>	<b>7140</b>	<b>234668</b>

**TABLE 49: TENORWISE ANALYSIS OF TERM MONEY TRANSACTIONS**

Amount ₹ Crore

Period	Less Than 30 Days		30-60 Days		60-90 Days		90-120 Days		120-180 Days		180-270 Days		270 Days and More		Total	
	Trades	Values	Trades	Values	Trades	Values	Trades	Values	Trades	Values	Trades	Values	Trades	Values	Trades	Values
2006-07	75	4504	74	5209	19	895	52	1347	4	40	8	73	23	2716	255	14784
2007-08	249	13937	209	10332	49	1832	240	10250	27	1625	46	1701	23	1332	843	41008
2008-09	222	13887	187	11679	92	4194	313	15801	34	1543	51	1846	29	659	928	49608
2009-10	162	8727	63	3942	6	755	87	3322	15	1298	32	1610	68	5522	433	25176
2010-11	291	16146	84	6220	27	1493	77	3617	6	312	40	1346	44	2236	569	31370
2011-12	467	34789	162	11218	47	3143	148	9467	5	85	24	1003	29	1057	882	60761
2012-13	997	81555	273	22081	117	8572	243	15673	16	1294	27	1237	37	2977	1710	133389
2013-14	639	40681	244	11765	86	4914	241	12961	30	1685	41	3458	56	2643	1337	78107
2014-15	758	29041	108	4913	136	6040	212	11018	42	2810	47	2256	45	2356	1348	58432
2015-16	1142	43868	161	4678	79	4029	142	6927	32	2453	52	3297	34	1885	1642	67136
2016-17	1919	83127	237	10543	91	5509	123	7917	39	2710	29	2615	33	2152	2471	114574
2017-18	1941	75095	265	15637	88	5554	142	11776	61	5766	67	4937	34	1475	2598	120239
2018-19	1858	65676	307	15062	145	9049	99	4944	44	3138	22	948	20	676	2495	99491
2019-20	2488	84230	222	10382	82	3861	64	3965	23	998	19	1627	5	518	2903	105581
2020-21	2047	88613	150	7180	40	3241	30	1321	5	360	8	920	2	60	2282	101694
2021-22	1632	57840	147	6621	84	3419	7	180	1	15	6	600	0	0	1877	68675
2022-23	1836	74521	94	5432	21	1633	12	1190	3	300	0	0	1	25	1967	83100
2023-24	1653	104536	92	6922	49	3580	6	156	1	500	1	200	4	450	1806	116343
Apr-24	165	11669	16	1084	1	1	0	0	0	0	0	0	0	0	182	12754
May-24	179	11430	22	1300	3	70	0	0	0	0	0	0	0	0	204	12800
Jun-24	156	6586	11	107	8	85	1	20	0	0	0	0	0	0	176	6798
Jul-24	281	11615	8	430	5	37	3	5	0	0	0	0	0	0	297	12086
Aug-24	219	8806	16	859	9	198	2	26	0	0	0	0	0	0	246	9889
2024-25 (Upto August 2024)	1000	50106	73	3780	26	391	6	51	0	0	0	0	0	0	1105	54327

**TABLE 50: NDS-CALL HISTORICAL**

Amount ₹ Crore

Period	Dealt				Reported				Reciprocal		Total NDS-CALL				% Share in NDS-CALL			Total Value of Call, Notice and Term Money as per RBI	
	Total		Average		Total		Average		Total		Total		Average		Dealt	Reported	Reciprocal	Total	Daily Average
	Trades	Value	Trades	Value	Trades	Value	Trades	Value	Trades	Value	Trades	Value	Trades	Value					
2006-07**	6853	507998	44	3277	351	5427	2	35	161	30326	7365	543750	48	3508	93.42	1.00	5.58	2209978	14258
2007-08	31402	2778531	108	9516	3597	26413	12	90	151	20117	35150	2825061	120	9675	98.35	0.93	0.71	3513925	12034
2008-09	35742	3179134	125	11077	4533	20797	16	72	351	57557	40626	3257488	142	11350	97.59	0.64	1.77	3717091	12952
2009-10	24530	2124356	86	7454	4735	23877	17	84	91	18470	29356	2166703	103	7602	98.05	1.10	0.85	2522703	8852
2010-11	26401	2450742	90	8336	7352	49514	25	168	379	76328	34132	2576584	116	8764	95.12	1.92	2.96	2945901	10020
2011-12	34031	3483245	117	11970	5449	21071	19	72	449	95779	39929	3600095	137	12371	96.75	0.59	2.66	4084692	14037
2012-13	37174	4124785	129	14273	29554	352449	102	1220	338	58407	67066	4535641	232	15694	90.94	7.77	1.29	4814032	16658
2013-14	38231	3617702	130	12305	65715	875335	224	2977	503	96025	104449	4589062	355	15609	78.83	19.07	2.09	4507273	15331
2014-15	33462	2557815	117	8912	70390	1175399	245	4095	278	51625	104130	3784839	363	13188	67.58	31.06	1.36	3740742	13034
2015-16	33445	2535754	121	9154	85053	1247369	307	4503	110	26894	118608	3810017	428	13657	66.55	32.74	0.71	3799481	13717
2016-17	30447	2553972	113	9459	97868	1676388	362	6209	82	19082	128394	4249442	476	15739	60.10	39.45	0.45	4242821	15714
2017-18	27849	2474817	105	9304	93891	1395175	353	5245	65	17451	121805	3887443	458	14611	63.68	35.90	0.43	3871780	14556
2018-19	39887	3855046	148	14331	95111	1145963	354	4260	297	48342	135295	5049351	503	18771	76.35	22.70	0.96	5002364	18596
2019-20	26995	2763357	101	10350	104715	1408487	392	5275	62	11194	131772	4183038	494	15667	66.06	33.67	0.27	4173933	15633
2020-21	13059	1423194	48	5271	94864	1384730	351	5129	13	2354	107936	2810277	400	10408	50.64	49.27	0.08	2814991	10426
2021-22	10524	918398	526	45920	95296	1340246	4765	67012	30	6336	105850	2264981	398	8515	40.55	59.17	0.28	2280869	8575
2022-23	32550	2325278	121	8612	57787	800387	214	2964	36	7589	90373	3133254	335	11605	74.21	25.54	0.24	3132545	11602
2023-24	69855	2795502	262	10470	2691	32532	10	122	44	12704	72590	2840738	272	10639	98.41	1.15	0.45	2831134	10603
Apr-24	6153	234480	308	11724	0	0	0	0	0	0	6153	234480	308	11724	100.00	0.00	0.00	234480	11724
May-24	6681	254228	304	11556	0	0	0	0	1	500	6682	254728	304	11579	99.80	0.00	0.20	254228	11556
Jun-24	6924	244400	315	11109	0	0	0	0	18	3100	6942	247500	316	11250	98.75	0.00	1.25	244400	11109
Jul-24	7985	253450	333	10560	0	0	0	0	3	600	7988	254050	333	10585	99.76	0.00	0.24	253445	10560
Aug-24	7140	234668	298	9778	10	1700	0	71	0	0	7150	236368	298	9849	99.28	0.72	0.00	234668	9778
2024-25 (Upto August 2024)	34883	1221226	311	10904	10	1700	0	15	22	4200	34915	1227126	312	10956	99.52	0.14	0.34	1221222	10904

\*Trade reporting on NDS-CALL became mandated from November 2012.

\*\*Data from September 18, 2006.

## FOREIGN EXCHANGE MARKET FOREX SETTLEMENT

TABLE 51: FOREX SETTLEMENT\*

Settlement Period	Cash			Tom			Spot			Forward			Total			Average		
	Trades	Value (USD Mn)	Value (₹ Cr)	Trades	Value (USD Mn)	Value (₹ Cr)	Trades	Value (USD Mn)	Value (₹ Cr)	Trades	Value (USD Mn)	Value (₹ Cr)	Trades	Value (USD Mn)	Value (₹ Cr)	Trades	Value (USD Mn)	Value (₹ Cr)
2002-03	-	-	-	-	-	-	74423	96483	462370	25809	39619	195665	100232	136102	658035	1101	1496	7231
2003-04	1036	5951	26861	1555	9150	41335	251258	354541	1627644	76668	131700	622691	330517	501342	2318531	1425	2161	9994
2004-05	8747	69882	312311	16178	112750	504325	356382	533015	2389936	85020	184133	835863	466327	899780	4042435	1976	3813	17129
2005-06	12946	154626	686160	21307	199621	885585	371059	585089	2594240	84337	240352	1073689	489649	1179688	5239674	2084	5020	22296
2006-07	14292	233010	1050413	25708	316585	1427018	481702	884740	3993765	85106	342646	1551883	606808	1776981	8023078	2550	7466	33710
2007-08	15118	318055	1279466	25598	409979	1652802	609676	1595080	6426403	106683	810551	3368161	757074	3133665	12726832	3181	13167	53474
2008-09	15633	358244	1651695	26536	498767	2299036	675439	1815114	8263760	119912	1086778	4722998	837520	3758904	16937489	3657	16414	73963
2009-10	15733	363904	1719714	27643	484848	2295137	759149	1467601	6951459	81424	672619	3245177	883949	2988971	14211486	3843	12996	61789
2010-11	19778	508131	2311739	32118	651100	2964603	1007258	2119061	9650122	90883	912745	4233688	1150037	4191037	19160153	4792	17463	79834
2011-12	22838	548644	2624112	34391	691043	3304720	1115364	2326368	11141856	110585	1076517	5128924	1283178	4642573	22199612	5579	20185	96520
2012-13	23375	610559	3316787	37349	823910	4477478	1216860	2276085	12374662	118554	1120379	5948085	1396138	4830933	26117013	6018	20823	112573
2013-14	26115	701111	4225846	39467	857366	5151202	1343049	2198833	13243650	103584	986011	5825247	1512215	4743321	28445946	6490	20358	122086
2014-15	29188	837736	5114340	43168	988928	6041012	1560718	2539790	15519691	98632	931337	5868727	1731706	5297790	32543770	7595	23236	142736
2015-16	29214	843416	5512112	43890	1015607	6634573	1708058	2613073	17113232	103967	1017190	6665777	1885129	5489286	35925694	8056	23458	153529
2016-17	34026	1046478	7008460	48895	1244934	8339217	1742074	2857496	19175458	101111	1126070	7702460	1926106	6274978	42225595	8302	27047	182007
2017-18	30993	936402	6035678	49271	1235303	7965989	1995325	3200910	20638692	99185	1121839	7472707	2174774	6494454	42113066	9294	27754	179970
2018-19	32488	932184	6511074	52055	1188412	8292587	2193499	3513505	24537324	97779	1180332	8138004	2375821	6814433	47478988	10197	29246	203772
2019-20	34785	998427	7074990	54383	1262165	8940196	1935194	3333363	23610405	101556	1393962	9960696	2125918	6987915	49586287	9085	29863	211907
2020-21	35439	1098578	8133905	47346	1363759	10099106	1443856	2913895	21554531	77742	1226257	9116419	1604383	6602489	48903961	6741	27742	205479
2021-22	36970	1117788	8329578	48899	1389936	10355292	1822312	3802343	28343880	82315	1698709	12747076	1990496	8008776	59775826	8543	34372	256549
2022-23	42538	1343134	10791424	52791	1534195	12309144	2312422	4769342	38311336	108694	2205160	17520145	2516445	9851831	78932050	10800	42283	338764
2023-24	42510	1382446	11446564	54614	1588480	13153197	2284104	4724937	39119529	111060	2082553	17265381	2492287	9778416	80984671	10743	42148	349072
Apr-24	3947	125952	1050348	5348	159460	1329739	198321	406688	3390957	9680	188295	1572618	217296	880395	7343662	12072	48911	407981
May-24	3743	115138	960048	4535	128155	1069020	219850	409074	3411214	8452	160376	1340548	236580	812742	6780829	12452	42776	356886
Jun-24	4161	120361	1004416	4324	117814	983121	250311	446069	3722365	8080	148760	1243267	266876	833004	6953169	14826	46278	386287
Jul-24	5234	143191	1196990	5953	167558	1400423	252769	450068	3760993	6977	126435	1058700	270933	887252	7417106	13547	44363	370855
Aug-24	5087	146083	1225417	5646	156853	1315774	195671	405661	3402697	6593	115249	967184	212997	823845	6911072	10143	39231	329099
2024-25 (Upto August 2024)	22172	650725	5437217	25806	729840	6098077	1116921	2117560	17688226	39782	739115	6182317	1204681	4237239	35405837	12549	44138	368811

TABLE 52: FOREX TRADE TYPE ANALYSIS

Percent

Settlement Period	Cash		Tom		Spot		Forward	
	Trades	Value	Trades	Value	Trades	Value	Trades	Value
2002-03	-	-	-	-	74.25	70.89	25.75	29.11
2003-04	0.31	1.19	0.47	1.83	76.02	70.72	23.20	26.27
2004-05	1.88	7.77	3.47	12.53	76.42	59.24	18.23	20.46
2005-06	2.64	13.11	4.35	16.92	75.78	49.60	17.22	20.37
2006-07	2.36	13.11	4.24	17.82	79.38	49.79	14.03	19.28
2007-08	2.00	10.15	3.38	13.08	80.53	50.90	14.09	25.87
2008-09	1.87	9.53	3.17	13.27	80.65	48.29	14.32	28.91
2009-10	1.78	12.17	3.13	16.22	85.88	49.10	9.21	22.50
2010-11	1.72	12.12	2.79	15.54	87.58	50.56	7.90	21.78
2011-12	1.78	11.82	2.68	14.88	86.92	50.11	8.62	23.19
2012-13	1.67	12.64	2.68	17.05	87.16	47.11	8.49	23.19
2013-14	1.73	14.78	2.61	18.08	88.81	46.36	6.85	20.79
2014-15	1.69	15.81	2.49	18.67	90.13	47.94	5.70	17.58
2015-16	1.55	15.36	2.33	18.50	90.61	47.60	5.52	18.53
2016-17	1.77	16.68	2.54	19.84	90.45	45.54	5.25	17.95
2017-18	1.43	14.42	2.27	19.02	91.75	49.29	4.56	17.27
2018-19	1.37	13.68	2.19	17.44	92.33	51.56	4.12	17.32
2019-20	1.64	14.29	2.56	18.06	91.03	47.70	4.78	19.95
2020-21	2.21	16.64	2.95	20.66	89.99	44.13	4.85	18.57
2021-22	1.86	13.96	2.46	17.36	91.55	47.48	4.14	21.21
2022-23	1.69	13.63	2.10	15.57	91.89	48.41	4.32	22.38
2023-24	1.71	14.14	2.19	16.24	91.65	48.32	4.46	21.30
Apr-24	1.82	14.31	2.46	18.11	91.27	46.19	4.45	21.39
May-24	1.58	14.17	1.92	15.77	92.93	50.33	3.57	19.73
Jun-24	1.56	14.45	1.62	14.14	93.79	53.55	3.03	17.86
Jul-24	1.93	16.14	2.20	18.89	93.30	50.73	2.58	14.25
Aug-24	2.39	17.73	2.65	19.04	91.87	49.24	3.10	13.99
2024-25 (Upto August 2024)	1.84	15.36	2.14	17.22	92.72	49.97	3.30	17.44

TABLE 53: FOREX DEAL SIZE ANALYSIS

Percent

Settlement Period	< 1 mn		1 mn		> 1 mn <= 5 mn		> 5 mn <= 10 mn		> 10 mn <= 20 mn		> 20 mn	
	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value
2002-03	21.93	7.23	52.61	38.74	24.53	46.47	0.70	4.42	0.19	2.25	0.04	0.89
2003-04	20.74	6.07	49.79	32.82	28.02	50.16	1.07	6.12	0.30	3.18	0.08	1.65
2004-05	21.26	4.77	44.14	22.88	31.22	47.19	1.94	8.70	0.97	8.21	0.47	8.25
2005-06	20.32	3.66	42.70	17.72	31.55	40.18	2.77	10.27	1.58	11.18	1.08	16.99
2006-07	21.57	3.29	39.00	13.32	32.03	34.85	3.68	11.50	1.95	11.41	1.77	25.64
2007-08	16.67	1.81	33.75	8.15	36.19	29.18	8.62	19.93	2.13	8.78	2.63	32.15
2008-09	17.00	1.64	32.19	7.17	35.41	25.85	10.31	22.22	2.16	8.20	2.93	34.92
2009-10	20.10	2.55	44.55	13.18	25.18	23.58	5.90	16.56	1.93	9.78	2.33	34.35
2010-11	18.75	2.21	46.50	12.76	24.77	21.89	5.31	13.81	1.92	9.18	2.75	40.15
2011-12	17.05	2.00	48.47	13.40	22.93	20.98	6.47	17.23	2.13	10.24	2.95	36.16
2012-13	23.80	2.79	46.36	13.40	18.86	17.81	6.25	17.54	1.96	9.88	2.77	38.57
2013-14	27.88	3.63	46.12	14.70	16.68	16.87	4.85	14.94	1.70	9.37	2.78	40.47
2014-15	28.91	4.07	45.66	14.93	16.77	17.27	4.23	13.38	1.61	9.16	2.82	41.19
2015-16	33.13	5.03	42.61	14.63	16.25	17.33	3.06	10.01	1.40	8.30	3.55	44.70
2016-17	34.55	4.78	39.86	12.23	12.25	9.10	0.55	1.22	0.81	3.67	11.98	68.99
2017-18	30.71	4.69	46.14	15.45	13.83	12.75	1.78	5.54	1.14	6.38	6.40	55.18
2018-19	26.69	4.04	51.33	17.89	14.63	15.53	3.08	10.36	1.63	10.06	2.64	42.12
2019-20	27.93	3.58	50.43	15.34	12.51	12.34	3.91	11.50	1.88	10.09	3.35	47.15
2020-21	21.24	1.97	55.87	13.58	12.57	9.85	3.66	8.50	2.02	8.47	4.64	57.63
2021-22	22.78	1.89	54.34	13.50	12.48	9.86	3.37	7.94	2.06	8.84	4.96	57.96
2022-23	22.47	1.95	56.83	14.52	10.51	8.97	3.16	7.62	1.79	7.85	5.25	59.10
2023-24	21.66	1.84	57.14	14.59	10.61	9.08	3.62	8.68	1.71	7.39	5.26	58.43
Apr-24	19.88	1.63	58.10	14.37	11.21	9.07	3.62	8.27	1.69	7.00	5.50	59.67
May-24	21.43	2.12	58.27	17.00	11.48	10.92	3.11	8.31	1.40	6.81	4.30	54.84
Jun-24	20.16	2.22	60.62	19.46	11.21	11.68	2.81	8.23	1.35	7.27	3.85	51.14
Jul-24	25.37	2.95	55.42	16.96	10.68	10.63	2.99	8.31	1.42	7.30	4.13	53.85
Aug-24	23.91	2.22	53.62	13.90	11.94	10.50	3.51	8.35	1.93	8.48	5.08	56.55
2024-25 (Upto August 2024)	22.19	2.23	57.29	16.33	11.27	10.54	3.18	8.29	1.54	7.37	4.52	55.24

TABLE 54: TENORWISE FORWARD TRADES ANALYSIS

Percent

Settlement Period	< 30 Days		> 30 Days & <= 90 Days		> 90 Days & <= 180 Days		> 180 Days & <= 365 Days		> 1 Year	
	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value	% to total trades	% to total value
2002-03	13.54	16.07	23.35	22.90	26.49	22.35	35.66	37.25	0.96	1.43
2003-04	17.19	22.50	23.97	24.84	22.80	20.24	35.34	31.77	0.70	0.65
2004-05	15.66	20.00	23.79	24.10	19.88	17.86	38.51	36.26	2.16	1.78
2005-06	17.99	22.84	21.79	24.18	17.55	15.18	40.52	36.16	2.15	1.64
2006-07	19.70	25.61	23.78	25.06	19.06	17.21	35.67	30.48	1.79	1.64
2007-08	16.41	31.47	26.83	25.83	22.63	17.22	32.70	24.46	1.44	1.02
2008-09	14.41	23.62	23.82	23.41	21.08	18.59	38.80	31.98	1.90	2.39
2009-10	14.36	20.88	22.08	20.57	18.47	15.06	43.59	41.57	1.50	1.92
2010-11	19.63	30.54	24.96	23.91	17.15	14.99	36.63	28.91	1.64	1.65
2011-12	18.49	22.62	22.99	22.75	16.91	15.79	39.61	36.86	2.00	1.98
2012-13	14.42	17.65	19.43	19.07	14.25	13.49	49.36	47.10	2.54	2.69
2013-14	14.45	21.18	21.39	20.57	16.88	13.91	45.00	41.81	2.29	2.53
2014-15	14.76	22.18	19.89	20.74	17.22	14.77	45.92	40.22	2.22	2.10
2015-16	15.85	23.40	18.62	21.88	14.23	11.94	48.11	40.06	3.18	2.73
2016-17	17.07	25.96	22.69	26.05	16.14	14.68	39.50	29.31	4.59	3.99
2017-18	15.01	25.79	20.87	25.35	17.70	16.04	42.64	30.05	3.78	2.77
2018-19	17.90	26.88	24.15	28.27	15.75	14.27	36.49	26.74	5.72	3.84
2019-20	16.53	25.13	25.59	30.56	16.34	14.63	34.84	25.28	6.70	4.40
2020-21	14.98	26.08	19.44	24.55	15.79	15.73	44.74	30.23	5.05	3.42
2021-22	18.90	26.04	29.63	31.85	17.60	15.52	30.15	23.27	3.71	3.32
2022-23	18.31	26.30	27.02	29.85	18.29	18.10	33.36	23.52	3.03	2.23
2023-24	16.89	25.26	21.64	25.96	16.56	17.46	41.80	29.24	3.10	2.08
Apr-24	13.10	17.69	22.28	27.82	19.46	22.37	41.47	28.35	3.69	3.77
May-24	12.90	19.36	21.32	24.56	14.39	18.11	45.80	34.46	5.60	3.51
Jun-24	13.48	18.29	15.69	19.01	21.62	24.43	45.69	35.36	3.51	2.91
Jul-24	15.78	23.41	22.22	26.45	14.50	14.50	40.26	30.53	7.24	5.11
Aug-24	18.46	24.11	18.60	24.04	12.82	14.68	44.08	32.23	6.05	4.94
2024-25 (Upto August 2024)	14.49	20.15	20.12	24.52	16.85	19.31	43.47	32.06	5.07	3.95

TABLE 55: MARKET SHARE - FOREX

Percent

Top 'n' Players	Top 5	Top 10	Top 15	Top 20
2002-03	33.65	57.73	72.42	83.30
2003-04	30.53	54.83	69.59	79.45
2004-05	29.00	49.45	63.61	73.61
2005-06	30.59	52.45	68.38	78.89
2006-07	31.15	50.93	65.08	73.69
2007-08	39.66	61.31	76.24	84.55
2008-09	39.65	62.30	76.97	85.71
2009-10	33.13	55.14	71.31	81.51
2010-11	34.94	57.30	73.56	82.97
2011-12	31.01	54.09	70.57	80.23
2012-13	31.53	52.64	68.22	78.40
2013-14	28.35	49.26	64.60	75.27
2014-15	29.05	49.51	64.62	74.95
2015-16	29.29	49.46	63.40	73.98
2016-17	30.16	50.82	65.10	75.09
2017-18	33.21	55.62	69.87	79.60
2018-19	32.30	53.36	68.34	78.74
2019-20	31.44	53.36	69.51	80.50
2020-21	34.40	57.05	74.18	84.34
2021-22	34.58	55.95	71.71	82.74
2022-23	34.30	55.45	70.58	82.12
2023-24	33.15	55.40	71.79	83.54
Apr-24	33.64	57.17	72.27	83.28
May-24	32.51	54.59	70.87	83.10
Jun-24	31.71	54.00	70.62	82.18
Jul-24	32.86	55.69	71.45	82.41
Aug-24	29.64	52.69	70.97	83.98
2024-25 (Upto August 2024)	32.10	54.87	71.25	82.98

TABLE 56: CATEGORYWISE FOREX ACTIVITY - DEAL TYPE

Market Share (%)

Category	CASH	TOM	SPOT	FORWARD
Foreign Banks	37.23	43.66	35.67	43.05
Public Sector Banks	25.53	16.66	29.66	21.04
Private Sector Banks	36.74	39.33	34.03	35.61
Cooperative Banks	0.11	0.09	0.34	0.06
Financial Institutions	0.39	0.26	0.31	0.25



TABLE 57: NETTING FACTOR - FOREX

Amount in USD Million

Settlement Period	Gross	Net	Netting Factor (%)
2002-03	136102	24687	81.86
2003-04	501342	83849	83.28
2004-05	899778	94395	89.51
2005-06	1179688	115909.17	90.17
2006-07	1776980	171832.17	90.33
2007-08	3133665	239169	92.37
2008-09	3758905	209822	94.42
2009-10	2988971	177192	94.07
2010-11	4191037	212265	94.94
2011-12	4642573	214730	95.37
2012-13	4830933	222469.56	95.39
2013-14	4743321	255080	94.62
2014-15	5297790	280097	94.71
2015-16	5489286	250784	95.43
2016-17	6274978	294883	95.30
2017-18	6494454	267809	95.88
2018-19	6814433	279060	95.90
2019-20	6987917	320967	95.41
2020-21	6602489	329122	94.25
2021-22	8008776	378939	95.27
2022-23	9851831	396328	95.98
2023-24	9778416	367475	96.24
Apr-24	880395	34580	96.07
May-24	812742	33987	95.82
Jun-24	833004	32710	96.07
Jul-24	887252	38637	95.65
Aug-24	823845	38066	95.38
2024-25 (Upto August 2024)	4237239	177979	95.80

## FOREX FORWARD SETTLEMENT

TABLE 58: FOREX FORWARD SETTLEMENT				
Amount in USD Million				
Settlement Period	Outstanding		Accepted	
	Trades	Volume	Trades	Volume
2009-10*	4,965	29,671	6,969	41,092
2010-11	11,528	61,293	28,868	1,50,505
2011-12	17,200	1,00,791	40,760	2,40,384
2012-13	20,419	1,22,937	50,146	2,87,697
2013-14	16,861	89,517	46,640	2,54,982
2014-15#	50,536	4,15,534	1,01,372	9,14,979
2015-16	42,507	3,71,034	94,770	9,64,070
2016-17	48,614	4,09,249	1,08,787	11,70,618
2017-18	41,941	3,95,562	94,192	11,18,572
2018-19	42,380	4,45,703	99,571	12,41,299
2019-20	43,957	4,85,869	1,02,201	13,90,268
2020-21	30,519	5,26,871	64,367	12,61,111
2021-22	40,248	6,08,583	91,941	17,76,217
2022-23	50,845	7,01,170	1,19,300	22,97,932
2023-24	50,063	7,30,505	1,11,158	21,25,581
Apr-24	47,629	6,76,947	7,245	1,34,732
May-24	45,544	6,35,243	6,367	1,18,678
Jun-24	44,262	6,07,764	6,795	1,21,274
Jul-24	44,038	6,07,370	6,754	1,26,043
Aug-24	46,399	6,41,476	8,950	1,49,325
2024-25 (Upto August 2024)			36,111	6,50,052

\* Commenced operation from December 1, 2009 # Mandate by RBI for CCP Clearing of Forward trades w.e.f. June, 2014

## CONTINUOUS LINKED SETTLEMENT (CLS)

TABLE 59: CLS SETTLEMENT				Amount in USD Million
Settlement Period	Trades	Gross Value	Net Value	Netting Factor (%)
2005-06	43788	67858	10143	85.05
2006-07	138797	327380	33493	89.77
2007-08	188741	681369	51428	92.45
2008-09	247571	499318	53726	89.24
2009-10	295258	391932	52239	86.67
2010-11	394315	469873	60605	87.10
2011-12	441933	647151	76881	88.12
2012-13	570308	724121	55305	92.36
2013-14	594816	629830	54870	91.29
2014-15	571559	592450	51981	91.23
2015-16	682758	585336	61339	89.52
2016-17	707297	635489	65894	89.63
2017-18	874952	846446	94993	88.78
2018-19	905686	836487	82458	90.14
2019-20	844748	776548	76735	90.12
2020-21	518741	526415	72594	86.21
2021-22	601684	679492	68576	89.91
2022-23	827976	750146	69716	90.71
2023-24	1121270	1221214	90143	92.62
Apr-24	91698	100223	9186	90.83
May-24	103328	112822	9115	91.92
Jun-24	100174	113118	8771	92.25
Jul-24	136439	145033	11323	92.19
Aug-24	153559	161228	12350	92.34
2024-25 (Upto August 2024)	585198	632424	50746	91.98

TABLE 60: CURRENCY WISE GROSS SETTLEMENT			
Currency	Currency Wise Gross Volume (in millions)	MTM Rates	Gross Volume in USD (In millions)
US DOLLAR	72819.71	1.00000	72,819.71
EURO	31629.68	1.08220	34,229.64
JAPANESE YEN	2545519.81	0.00654	16,652.62
GREAT BRITAIN POUNDS	11157.17	1.28400	14,325.81
AUSTRALIAN DOLLAR	3651.29	0.65070	2,375.90
SWISS FRANC	1648.02	1.13263	1,866.60
CANADIAN DOLLAR	2286.14	0.72223	1,651.12
SINGAPORE DOLLAR	747.93	0.74432	556.70
NEW ZEALAND DOLLAR	836.66	0.59050	494.05
SWEDISH KRONA	2091.42	0.09290	194.29
SOUTH AFRICAN RAND	2013.93	0.05456	109.89
HONG KONG DOLLAR	276.20	0.12800	35.35
DANISH KRONE	151.10	0.14502	21.91
NORWEGIAN KRONE	97.94	0.09147	8.96
<b>Total</b>			<b>1,45,342.54</b>

TABLE 61: TOP 5 CURRENCY PAIRS - CLS

Sr. No.	Currency Pair	Gross Volume (USD Million)	Share (%)
1	EUR/USD	70,123.74	48.25
2	USD/JPY	31,164.84	21.44
3	GBP/USD	27,367.77	18.83
4	USD/CHF	3,857.94	2.65
5	AUD/USD	3,854.59	2.65
6	Others	8,964.50	6.17
	<b>Total</b>	<b>1,45,333.37</b>	<b>100.00</b>

## FOREX TRADING PLATFORM: FX-CLEAR

TABLE 62: TRADING DETAILS

Amount in USD Million

Period	Spot		Daily Average	
	Trades	Value	Trades	Value
2003-04	881	646	5	4
2004-05	3329	2250	13	9
2005-06	16636	11893	67	48
2006-07	46553	33264	190	136
2007-08	73943	49139	297	197
2008-09	79125	46889	330	195
2009-10	99090	53435	415	224
2010-11	111023	58577	448	236
2011-12	124664	65197	522	273
2012-13	171398	87689	708	362
2013-14	223396	113580	919	467
2014-15	335515	188421	1416	795
2015-16	453563	246902	1882	1024
2016-17	557267	316581	2312	1314
2017-18	664286	441203	2756	1831
2018-19	544497	354278	2250	1464
2019-20	430714	267091	1780	1104
2020-21	220386	125407	911	514
2021-22	263126	142999	1092	593
2022-23	359655	186084	1474	763
2023-24	479460	292344	1998	1218
Apr-24	43687	31886	2427	1771
May-24	53132	42345	2657	2117
Jun-24	55279	43124	2909	2270
Jul-24	76796	77540	3491	3525
Aug-24	57474	51370	2737	2446
2024-25 (Upto August 2024)	286368	246264	2864	2463

## DERIVATIVES

## INTERBANK INTEREST RATE DERIVATIVES

TABLE 63: INTEREST RATE SWAP TRANSACTIONS (MATCHED) Amount ₹ Crore

Date	MIBOR		MMFOR		Total	
	Trades	Value	Trades	Value	Trades	Value
1-Aug-24	670	31220	15	2210	685	33430
2-Aug-24	851	33015	42	5010	893	38025
5-Aug-24	1062	51785	39	3420	1,101	55205
6-Aug-24	847	43055	34	2750	881	45805
7-Aug-24	1005	55145	14	775	1,019	55920
8-Aug-24	1115	56425	7	870	1,122	57295
9-Aug-24	468	23425	11	1100	479	24525
12-Aug-24	491	42905	15	1375	506	44280
13-Aug-24	616	32022	33	3459	649	35481
14-Aug-24	688	31930	22	1680	710	33610
16-Aug-24	405	18152	17	1525	422	19677
19-Aug-24	210	23520	3	300	213	23820
20-Aug-24	304	32280	15	1355	319	33635
21-Aug-24	378	18780	26	2420	404	21200
22-Aug-24	823	36380	9	1945	832	38325
23-Aug-24	389	21761	16	2239	405	24000
26-Aug-24	770	55635	11	800	781	56435
27-Aug-24	435	25568	21	1895	456	27463
28-Aug-24	490	26820	18	1475	508	28,295
29-Aug-24	424	25495	53	4245	477	29,740
30-Aug-24	304	23573	13	1135	317	24,708
<b>Total</b>	<b>12745</b>	<b>708891</b>	<b>434</b>	<b>41983</b>	<b>13179</b>	<b>750873</b>
<b>Average</b>	<b>607</b>	<b>33757</b>	<b>21</b>	<b>1999</b>	<b>628</b>	<b>35756</b>

TABLE 64: INTEREST RATE SWAP (MIBOR) MARKET SHARE - AUGUST 2024

Amount ₹ Crore and Share in %

Category	Buy				Sell				Total			
	Deals	Market Share	Notional Amount	Market Share	Deals	Market Share	Notional Amount	Market Share	Deals	Market Share	Notional Amount	Market Share
Foreign Banks	4899	38.44	336058	47.41	5158	40.47	347791	49.06	10057	39.45	683848	48.23
Nationalized Banks	644	5.05	40390	5.70	337	2.64	18350	2.59	981	3.85	58740	4.14
Private Banks	4752	37.29	215638	30.42	4952	38.85	227750	32.13	9704	38.07	443388	31.27
Primary Dealers	2358	18.50	102990	14.53	2290	17.97	114550	16.16	4648	18.23	217540	15.34
Mutual Funds	92	0.72	13815	1.95	8	0.06	450	0.06	100	0.39	14265	1.01
<b>Total</b>	<b>12745</b>	<b>100.00</b>	<b>708891</b>	<b>100.00</b>	<b>12745</b>	<b>100.00</b>	<b>708891</b>	<b>100.00</b>	<b>25490</b>	<b>100.00</b>	<b>1417781</b>	<b>100.00</b>

**TABLE 65: INTEREST RATE SWAP (MMFOR) MARKET SHARE - AUGUST 2024**

Amount ₹ Crore and Share in %

Category	Buy				Sell				Total			
	Deals	Market Share	Notional Amount	Market Share	Deals	Market Share	Notional Amount	Market Share	Deals	Market Share	Notional Amount	Market Share
Foreign Banks	341	78.57	32155	76.59	320	73.73	33748	80.38	661	76.15	65903	78.49
Nationalized Banks	22	5.07	3964	9.44	9	2.07	550	1.31	31	3.57	4514	5.38
Private Banks	71	16.36	5864	13.97	105	24.19	7685	18.31	176	20.28	13549	16.14
Primary Dealers	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Mutual Funds	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
<b>Total</b>	<b>434</b>	<b>100.00</b>	<b>41983</b>	<b>100.00</b>	<b>434</b>	<b>100.00</b>	<b>41983</b>	<b>100.00</b>	<b>868</b>	<b>100.00</b>	<b>83965</b>	<b>100.00</b>

**TABLE 66: TOP 'N' MARKET SHARE - IRS**

Percent

	MIBOR	MMFOR
Top 1	10.96	22.63
Top 5	48.89	59.67
Top 10	76.36	85.58

**TABLE 67: IRS TRADE SUMMARY (MATCHED)**

Amount ₹ Crore

Period	MIBOR		MMFOR	
	Trades	Value	Trades	Value
2007-08	79495	4728077	-	-
2008-09	40912	2644846	-	-
2009-10	20352	1452058	-	-
2010-11	33057	2359722	-	-
2011-12	33642	2451048	-	-
2012-13	22713	2021607	-	-
2013-14	25514	2296732	-	-
2014-15	21153	2029225	-	-
2015-16	20746	2132920	-	-
2016-17	21036	1923460	-	-
2017-18	41494	3380770	-	-
2018-19	69952	5861645	-	-
2019-20	48738	3918110	-	-
2020-21	35648	2213985	-	0
2021-22	85412	4801939	764	63465
2022-23	124123	7356767	3135	257227
2023-24	120221	6814190	8894	761122
Apr-24	10760	610367	283	28555
May-24	9761	567176	424	38260
Jun-24	8947	498897	226	20085
Jul-24	12131	694323	276	30275
Aug-24	12745	708891	434	41983
<b>2024-25 (Upto August 2024)</b>	<b>54344</b>	<b>3079654</b>	<b>1643</b>	<b>159158</b>

Effective Jan-22 MMFOR is traded.

**TABLE 68: OUTSTANDING POSITION IN IRS TRANSACTIONS** Amount ₹ Crore

Period	MIBOR		MMFOR		MIOIS		MIFOR		Total	
	Trades	Notional Sum	Trades	Notional Sum	Trades	Notional Sum	Trades	Notional Sum	Trades	Notional Sum
2007-08	61665	3655595	-	-	-	-	16528	611566	78193	4267162
2008-09	23732	1394018	-	-	-	-	11803	468045	35535	1862063
2009-10	29853	1748787	-	-	-	-	8201	326852	38054	2075639
2010-11	43197	2645709	-	-	-	-	6357	270080	49554	2915789
2011-12	27613	1975121	-	-	-	-	6402	296491	34015	2271611
2012-13	20958	1554242	-	-	-	-	6017	294937	26975	1849179
2013-14	17782	1447259	-	-	-	-	5566	276349	23348	1723608
2014-15	17279	1495595	-	-	-	-	6222	326724	23501	1822320
2015-16	16858	1368453	-	-	-	-	6171	349766	23029	1718219
2016-17	19901	1417357	-	-	-	-	6452	368613	26353	1785970
2017-18	35414	2521244	-	-	-	-	7098	390259	42512	2911503
2018-19	47343	3169566	-	-	-	-	8139	461281	55482	3630847
2019-20	54603	3134039	-	-	-	-	10637	657371	65240	3791410
2020-21	45452	2408882	-	-	-	-	10995	732267	56447	3141150
2021-22	82851	4187384	763	63440	-	-	6547	505393	90161	4756218
2022-23	113810	5849533	3894	320592	-	-	3660	281657	121364	6451783
2023-24	121745	5910112	9972	856067	4	1600	-	-	131721	6767779
2024-25 (Upto August 2024)	136449	6414913	10734	948171	4	1600	-	-	147187	7364684

**TABLE 69: NETTING FACTOR - IRS NON-GUARANTEED SETTLEMENT** Amount ₹ Crore

Settlement Period	Gross Amount	Net Amount	Netting %
2009-10	13827	3688	73.33
2010-11	22794	5250	76.97
2011-12	28328	7735	72.69
2012-13	23797	6732	71.71
2013-14	19667	6947	64.67
2014-15	16361	6073	62.88
2015-16	7374	2442	66.89
2016-17	5682	2110	62.87
2017-18	5440	1905	64.99
2018-19	4602	1655	64.04
2019-20	6866	2617	61.89
2020-21	17234	5341	69.01
2021-22	13723	4536	66.95
2022-23	8142	3140	61.44
2023-24	9458	3601	61.92
Apr-24	414	204	50.80
May-24	473	224	52.55
Jun-24	865	526	39.16
Jul-24	622	253	59.30
Aug-24	528	201	61.90
2024-25 (Upto August 2024)	2902	1409	51.46

## GUARANTEED SETTLEMENT - INTERBANK IRS DERIVATIVES (MIBOR)

Trade Date	Trades	Value
01-Aug-2024	660	30,455
02-Aug-2024	826	30,505
05-Aug-2024	1020	47,960
06-Aug-2024	816	37,000
07-Aug-2024	972	51,150
08-Aug-2024	1082	52,170
09-Aug-2024	454	20,610
12-Aug-2024	467	26,760
13-Aug-2024	600	30,022
14-Aug-2024	681	31,240
16-Aug-2024	393	16,787
19-Aug-2024	192	20,715
20-Aug-2024	300	31,630
21-Aug-2024	375	18,255
22-Aug-2024	808	34,420
23-Aug-2024	377	20,236
26-Aug-2024	739	47,310
27-Aug-2024	424	23,268
28-Aug-2024	463	23,710
29-Aug-2024	404	22,040
30-Aug-2024	285	20,923
<b>Total</b>	<b>12338</b>	<b>637166</b>
<b>Average</b>	<b>588</b>	<b>30341</b>

The data includes trades accepted for guaranteed settlement on a given trade date (both trades dealt on ASTROID and bilaterally).

Period	MIBOR				MIFOR / MMFOR #			
	Trades	Value	Avg. Trades	Avg. Value	Trades	Value	Avg. Trades	Avg. Value
2016-17	10431	938195	43	3893	-	-	-	-
2017-18	30346	2420315	126	10043	-	-	-	-
2018-19	56218	4659605	232	19255	330	21615	1	89
2019-20	34690	2761500	143	11411	1381	99150	6	410
2020-21	30100	1796670	123	7363	843	69220	3	284
2021-22	75689	4096305	314	16997	690	52205	3	217
2022-23	115199	6124576	472	25101	-	-	-	-
2023-24	114435	5778229	477	24076	5119	434152	21	1809
Apr-24	10366	556467	576	30915	95	10015	5	556
May-24	9337	509261	467	25463	222	21010	11	1051
Jun-24	8554	440352	450	23176	160	14615	8	769
Jul-24	11703	591278	532	26876	195	20495	9	932
Aug-24	12338	637166	588	30341	303	29768	14	1418
2024-25 (Upto August 2024)	52298	2734524	523	27345	975	95903	10	959

# Guaranteed settlement in MIFOR benchmark was discontinued following the cessation of MIFOR trading effective January 1, 2022

\* Includes one-time settlement of outstanding MIFOR trades (No. of trades 1045 and volumes ₹79,407 cr.) following the transition of legacy MIFOR trades to Modified MIFOR



## FOREX DERIVATIVES

## INTERBANK

TABLE 72: TRADED VOLUME FOR OTC INTERBANK FCY - INR FORWARDS FOR THE MONTH OF AUGUST 2024

Date	USD / INR		AED / INR		GBP / INR		EUR / INR		JPY / INR		OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
01-Aug-24	359	5,459.03					1	0.10	1	80.00		
02-Aug-24	512	8,405.80							1	30.00	1	0.07
05-Aug-24	870	12,923.76					1	0.03	2	500.00		
06-Aug-24	656	10,748.37			1	2.00	3	0.65				
07-Aug-24	485	9,151.35			1	31.00	1	0.05	2	200.00		
08-Aug-24	584	8,910.37							1	30.00		
09-Aug-24	324	5,272.08			2	0.20						
12-Aug-24	389	6,718.25										
13-Aug-24	594	10,133.86			2	1.06	1	3.00				
14-Aug-24	516	6,798.38					6	15.00	1	150.00		
16-Aug-24	418	6,410.83			13	14.72	10	8.31	1	16.94		
19-Aug-24	326	5,670.35										
20-Aug-24	525	6,724.59					8	2.26				
21-Aug-24	494	5,787.46					10	5.66	1	65.00		
22-Aug-24	382	5,719.31					1	0.10				
23-Aug-24	352	6,372.34					1	1.00	1	67.72		
26-Aug-24	501	9,715.81			4	0.27	13	2.19				
27-Aug-24	304	5,247.30					1	0.03			1	0.21
28-Aug-24	420	7,834.23			2	3.00	1	0.08				
29-Aug-24	320	4,812.76	2	324.65	1	4.00	4	3.26	1	15.71		
30-Aug-24	338	5,624.37			2	0.10	2	0.06			1	0.07
<b>Total</b>	<b>9669</b>	<b>154440.60</b>	<b>2</b>	<b>324.65</b>	<b>28</b>	<b>56.33</b>	<b>64</b>	<b>41.76</b>	<b>12</b>	<b>1155.37</b>	<b>3</b>	<b>0.35</b>

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency

TABLE 73: TRADED VOLUME FOR OTC INTERBANK FCY - INR OPTIONS FOR THE MONTH OF AUGUST 2024

Date	USD / INR		JPY / INR		EUR / INR		GBP / INR		CHF / INR		OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
01-Aug-24	42	647.00										
02-Aug-24	66	929.30										
05-Aug-24	38	355.00			1	1.00						
06-Aug-24	22	305.00										
07-Aug-24	37	387.30	16	18,118.89								
08-Aug-24	39	598.70										
09-Aug-24	21	452.00										
12-Aug-24	18	262.00										
13-Aug-24	25	294.00			2	10.00						
14-Aug-24	17	200.00			5	21.50						
16-Aug-24	8	90.00										
19-Aug-24	38	648.10					1	0.04				
20-Aug-24	40	432.80	3	1,741.13								
21-Aug-24	13	183.50			6	35.81						
22-Aug-24	36	363.00										
23-Aug-24	35	423.35										
26-Aug-24	30	348.20					2	10.00				
27-Aug-24	45	612.30										
28-Aug-24	30	375.80			1	1.00						
29-Aug-24	40	337.50										
30-Aug-24	29	293.00										
<b>Total</b>	<b>669</b>	<b>8537.85</b>	<b>19</b>	<b>19860.02</b>	<b>15</b>	<b>69.31</b>	<b>3</b>	<b>10.04</b>				

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency

TABLE 74: TRADED PRINCIPAL AMOUNT FOR OTC INTERBANK FCY - INR CROSS CURRENCY SWAPS FOR THE MONTH OF AUGUST 2024

Date	USD / INR		JPY / INR		EUR / INR						OTHERS *	
	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, USD
02-Aug-24	1	54.00										
05-Aug-24	1	17.89										
06-Aug-24					1	2.40						
07-Aug-24	1	6.00	1	12,878.60								
09-Aug-24	1	100.00										
12-Aug-24	3	275.00										
14-Aug-24			1	3,589.63								
21-Aug-24	1	100.00			1	10.00						
23-Aug-24	1	100.00										
26-Aug-24	2	156.28										
27-Aug-24	2	50.00										
28-Aug-24	2	61.50										
29-Aug-24	2	273.51										
<b>Total</b>	<b>17</b>	<b>1,194.19</b>	<b>2</b>	<b>16468.23</b>	<b>2</b>	<b>12.40</b>						

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency

TABLE 75: TRADED VOLUME FOR OTC INTERBANK FCY - FCY FORWARDS FOR THE MONTH OF AUGUST 2024

Date	EUR / USD		USD / JPY		GBP / USD		AUD / USD		USD / CHF		OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
01-Aug-24	110	289.25	74	256.46	66	181.51	18	53.41	7	9.37	92	145.34
02-Aug-24	138	287.71	47	180.79	75	159.35	23	41.84	15	8.76	104	173.31
05-Aug-24	501	722.46	128	510.03	100	312.47	32	79.28	34	67.06	87	234.06
06-Aug-24	289	396.28	87	631.41	80	230.51	15	61.02	8	12.52	91	149.82
07-Aug-24	188	421.97	90	319.94	57	94.18	27	61.73	20	32.11	101	184.80
08-Aug-24	324	894.10	62	291.04	144	737.69	22	34.13	5	10.41	97	117.41
09-Aug-24	224	354.56	28	53.38	64	131.85	23	36.31	5	11.32	76	137.23
12-Aug-24	199	359.42	59	220.82	68	153.72	22	74.59	12	33.58	87	186.62
13-Aug-24	237	473.23	56	234.77	84	141.47	29	31.20	10	51.48	98	149.40
14-Aug-24	593	625.90	109	265.81	142	272.19	45	116.64	13	62.26	194	249.49
15-Aug-24	23	10.75	7	3.50	9	3.99					2	2.00
16-Aug-24	283	615.59	63	955.41	130	170.01	19	38.32	5	14.40	132	151.07
19-Aug-24	266	467.70	65	229.01	89	190.30	33	69.54	12	18.40	125	281.90
20-Aug-24	289	2,049.53	56	185.29	107	155.14	24	70.04	8	16.05	97	147.74
21-Aug-24	439	555.24	55	122.49	139	122.58	34	73.94	17	158.51	107	150.32
22-Aug-24	369	548.83	57	204.53	116	158.09	36	50.84	8	13.96	88	177.71
23-Aug-24	314	513.03	68	169.78	127	340.31	26	61.70	19	51.21	106	185.97
26-Aug-24	228	364.01	49	219.77	90	173.51	25	42.59	12	114.37	96	142.24
27-Aug-24	277	414.83	51	590.80	101	155.37	51	154.18	24	121.61	206	638.80
28-Aug-24	271	665.24	85	723.68	130	698.54	50	372.13	30	157.01	231	754.16
29-Aug-24	205	758.15	48	184.63	77	230.28	56	133.76	19	60.52	261	478.76
30-Aug-24	305	896.97	37	286.94	85	193.66	30	72.21	19	71.26	166	451.01
<b>Total</b>	<b>6072</b>	<b>12684.76</b>	<b>1381</b>	<b>6840.30</b>	<b>2080</b>	<b>5006.73</b>	<b>640</b>	<b>1729.40</b>	<b>302</b>	<b>1096.18</b>	<b>2644</b>	<b>5289.16</b>

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency

**TABLE 76: TRADED VOLUME FOR OTC INTERBANK FCY - FCY OPTIONS FOR THE MONTH OF AUGUST 2024**

Date	USD / JPY		EUR / USD		USD / CHF		AUD / USD		GBP / USD		OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
01-Aug-24	5	60.00	2	20.00			9	102.90			6	90.00
02-Aug-24	11	179.00			6	35.00					6	100.00
05-Aug-24	3	12.60	5	41.00	2	50.00						
06-Aug-24	7	65.00			4	20.00	2	20.00			10	67.00
07-Aug-24	17	183.00									1	4.00
08-Aug-24	4	52.00	2	50.00					3	30.00		
09-Aug-24	15	250.00	2	30.00	2	15.00	6	30.00				
12-Aug-24	4	60.00	2	20.00	2	40.00			1	10.00	3	30.00
13-Aug-24	1	15.00			2	40.00			3	30.00		
14-Aug-24			4	67.50					2	20.00		
16-Aug-24	2	40.00					4	21.00	4	21.60		
19-Aug-24					2	15.00	4	19.60				
20-Aug-24	8	150.00	8	80.00					3	35.00	4	60.00
21-Aug-24	13	631.12	13	118.00	2	222.00	4	21.00				
22-Aug-24	2	25.00					2	40.00			4	40.00
23-Aug-24	9	110.00	5	24.00			2	15.00				
26-Aug-24	9	130.00	4	20.00								
27-Aug-24	20	149.80	1	10.00			4	20.00	1	15.00	4	56.00
28-Aug-24	14	140.00	6	128.00	5	210.00					3	12.14
29-Aug-24			7	100.00			3	60.00			15	42.00
30-Aug-24	5	35.00	6	84.00			5	67.00				
<b>Total</b>	<b>149</b>	<b>2287.52</b>	<b>67</b>	<b>792.50</b>	<b>27</b>	<b>647.00</b>	<b>45</b>	<b>416.50</b>	<b>17</b>	<b>161.60</b>	<b>56</b>	<b>501.14</b>

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
 Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency

**TABLE 77: TRADED PRINCIPAL AMOUNT FOR OTC INTERBANK FCY - FCY CROSS CURRENCY SWAPS FOR THE MONTH OF AUGUST 2024**

Date	USD / JPY		AUD / USD		EUR / USD		USD / SGD		OTHERS*	
	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currenc	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, USD
06-Aug-24	1	200.00			1	24.00				
07-Aug-24	2	142.05								
08-Aug-24	1	24,166.50								
12-Aug-24			2	118.00	1	7.60				
14-Aug-24	1	24.37	1	52.00						
19-Aug-24	1	146.22								
20-Aug-24					1	10.00				
21-Aug-24							1	6.12		
26-Aug-24					1	20.00				
27-Aug-24			1	55.00						
28-Aug-24			1	115.00						
<b>Total</b>	<b>6</b>	<b>24,679.14</b>	<b>5</b>	<b>340.00</b>	<b>4</b>	<b>61.60</b>	<b>1</b>	<b>6.12</b>		

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
 Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency

TABLE 78: TRADED NOTIONAL PRINCIPAL FOR OTC INTERBANK FCY - IRS FOR THE MONTH OF AUGUST 2024

Date	USD		JPY		EUR		GBP		CAD		OTHERS *	
	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, USD
01-Aug-24	112	3,989.98										
02-Aug-24	177	6,827.84					1	41.72				
05-Aug-24	210	9,723.39										
06-Aug-24	150	5,429.58			3	105.73						
07-Aug-24	79	1,823.04	3	11,745.13								
08-Aug-24	102	4,003.15	2	8,000.00								
09-Aug-24	69	2,200.62										
12-Aug-24	33	1,191.30										
13-Aug-24	75	1,954.72										
14-Aug-24	78	2,764.69	3	11,250.10					1	9.30		
15-Aug-24	3	251.50										
16-Aug-24	127	3,223.46			4	4.70						
19-Aug-24	57	1,515.67										
20-Aug-24	46	1,699.60					1	1.50				
21-Aug-24	77	2,798.71			2	55.73						
22-Aug-24	110	3,398.46	3	3,050.00								
23-Aug-24	67	2,392.74	5	35,172.00	1	25.40						
26-Aug-24	81	2,858.36										
27-Aug-24	33	988.65			2	55.69						
28-Aug-24	70	2,844.30										
29-Aug-24	52	1,502.22										
30-Aug-24	53	1,658.43										
<b>Total</b>	<b>1861</b>	<b>65040.43</b>	<b>16</b>	<b>69217.23</b>	<b>12</b>	<b>247.25</b>	<b>2</b>	<b>43.22</b>	<b>1</b>	<b>9.30</b>		

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency

Most of the FCY/IRS trades are with overseas counterparties and hence the reporting is single sided by the domestic counterparty. CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

TABLE 79: OUTSTANDING VOLUME FOR OTC INTERBANK FCY - INR FORWARDS AS AT END AUGUST 2024

Month	USD / INR		JPY / INR		GBP / INR		EUR / INR		AED / INR		OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
Aug-24	50,072	6,68,569.31	642	49,638.61	177	187.63	285	192.70	2	324.65	21	33.17

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
Top 5 Currencies, in terms of Outstanding Notional Principal, represented with respect to volumes in Base Currency.

TABLE 80: OUTSTANDING VOLUME FOR OTC INTERBANK FCY - INR OPTIONS AS AT END AUGUST 2024

Month	USD / INR		EUR / INR		JPY / INR		GBP / INR				OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
Aug-24	2644	31,693.06	208	350.21	28	39,641.13	4	11.04				

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
Top 5 Currencies, in terms of Outstanding Notional Principal, represented with respect to volumes in Base Currency.

TABLE 81: OUTSTANDING PRINCIPAL AMOUNT FOR OTC INTERBANK FCY - INR CROSS CURRENCY SWAPS AS AT END AUGUST 2024

Month	USD / INR		EUR / INR		JPY / INR		SGD / INR		CHF / INR		OTHERS *	
	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, USD
Aug-24	1032	34,800.99	96	510.64	31	75,636.61	4	58.56	4	8.86	4	8.53

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
Top 5 Currencies, in terms of Outstanding Notional Principal, represented with respect to volumes in Base Currency.

TABLE 82: OUTSTANDING VOLUME FOR OTC INTERBANK FCY - FCY FORWARDS AS AT END AUGUST 2024

Month	EUR / USD		USD / JPY		GBP / USD		USD / CHF		AUD / USD		OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
Aug-24	18,566	29,443.99	3,445	18,130.20	6,124	9,541.67	971	5,339.01	1,564	3,745.64	4,870	8,830.97

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
Top 5 Currencies, in terms of Outstanding Notional Principal, represented with respect to volumes in Base Currency.

TABLE 83: OUTSTANDING VOLUME FOR OTC INTERBANK FCY - FCY OPTIONS AS AT END AUGUST 2024

Month	USD / JPY		EUR / USD		USD / CHF		GBP / USD		AUD / USD		OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
Aug-24	250	13,237.36	358	2,438.52	24	1,513.98	51	452.40	42	532.30	114	771.43

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
Top 5 Currencies, in terms of Outstanding Notional Principal, represented with respect to volumes in Base Currency.

**TABLE 84: OUTSTANDING PRINCIPAL AMOUNT FOR OTC INTERBANK FCY - FCY CROSS CURRENCY SWAPS AS AT END AUGUST 2024**

Month	USD / JPY		EUR / USD		USD / CHF		USD / SGD		AUD / USD		OTHERS *	
	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, USD
<b>Aug-24</b>	162	30,967.25	246	3,755.83	29	1,998.89	68	926.26	24	811.67	51	1,091.83

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency

**TABLE 85: OUTSTANDING NOTIONAL PRINCIPAL FOR OTC INTERBANK FCY - IRS AS AT END OF AUGUST 2024**

Month	USD		EUR		JPY		GBP		CHF		OTHERS *	
	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, USD
<b>Aug-24</b>	17,127	4,10,409.34	323	4,996.31	95	2,81,634.02	97	1,018.93	1	239.60	5	95.63

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency for each instrument

Most of the FCY/IRS trades are with overseas counterparties and hence the reporting is single sided by the domestic counterparty. CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

## CLIENT

Date	USDINR		EURINR		GBPINR		JPYINR		CNHINR		Others	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
01-08-2024	1,062	1,763.25	61	13.33	21	67.19	48	770.28	11	73.99	51	12.48
02-08-2024	1,131	1,942.77	135	65.01	52	29.88	31	910.19	2	8.00	57	41.31
05-08-2024	2,864	5,597.73	1,341	244.52	55	12.74	91	3,970.04	10	7.88	103	29.98
06-08-2024	2,356	2,860.62	678	103.47	39	4.97	53	1,560.00	17	36.13	37	38.90
07-08-2024	1,434	2,285.10	247	180.14	43	16.59	56	10,428.70	15	15.44	36	22.44
08-08-2024	1,212	1,792.82	314	80.64	17	4.14	42	705.33	7	75.62	33	23.68
09-08-2024	1,136	1,291.02	183	41.69	43	6.51	49	1,106.08	14	10.88	35	21.74
12-08-2024	1,247	1,233.27	234	51.83	38	4.99	32	748.89	8	71.08	29	20.82
13-08-2024	1,071	1,356.17	231	185.43	48	14.01	56	838.14	7	4.32	37	63.49
14-08-2024	1,459	2,236.53	1,208	211.36	122	22.59	59	2,584.37	7	32.91	49	25.94
15-08-2024	1	1.80										
16-08-2024	1,082	1,258.39	273	59.18	192	78.73	82	5,019.51	11	43.50	75	55.78
19-08-2024	1,034	2,805.25	285	96.41	96	24.10	31	708.79	14	7.44	61	43.61
20-08-2024	1,782	2,412.62	509	93.30	254	39.53	55	1,406.01	25	24.33	69	46.29
21-08-2024	1,180	2,182.43	908	152.93	325	64.69	71	3,095.84	17	25.78	75	39.71
22-08-2024	1,341	1,659.95	617	148.83	290	45.13	37	3,059.52	21	69.44	87	16.56
23-08-2024	1,292	1,682.55	506	91.68	215	29.30	52	3,900.51	17	97.87	38	19.99
26-08-2024	1,052	2,245.42	340	63.22	80	13.17	37	4,011.38	19	34.82	58	29.46
27-08-2024	1,298	2,616.71	496	144.10	155	26.69	87	1,325.64	30	320.43	98	97.46
28-08-2024	1,950	4,707.75	590	318.93	175	51.92	47	825.30	29	409.92	132	54.17
29-08-2024	1,571	3,082.89	296	131.71	148	38.31	67	646.69	17	27.93	88	39.52
30-08-2024	360	413.75	56	38.39	21	5.25	14	201.50	2	28.62	6	70.18
<b>Total</b>	<b>28915</b>	<b>47428.78</b>	<b>9508</b>	<b>2516.11</b>	<b>2429</b>	<b>600.45</b>	<b>1097</b>	<b>47822.72</b>	<b>300</b>	<b>1426.327</b>	<b>1254</b>	<b>813.51</b>

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency. As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.



**TABLE 87. TRADED VOLUME FOR OTC CLIENT FCY - INR OPTIONS FOR THE MONTH OF AUGUST 2024**

Date	USDINR		EURINR		GBPINR		JPYINR		AUDINR		OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
01-08-2024	47	303.90										
02-08-2024	39	803.99										
05-08-2024	44	504.82	5	131.00	1	10.00						
06-08-2024	63	284.91	1	10.00								
07-08-2024	59	853.02	27	6.00			17	23,655.21				
08-08-2024	63	975.27	5	130.00								
09-08-2024	55	538.95	4	31.13	11	16.36			5	2.06		
12-08-2024	29	484.29	1	10.00	1	10.00						
13-08-2024	18	256.00										
14-08-2024	30	560.00	5	44.50	1	10.00						
15-08-2024												
16-08-2024	8	54.00			6	44.08						
19-08-2024	23	138.25	4	115.00	1	0.04						
20-08-2024	81	842.76			1	10.00	3	1,741.13				
21-08-2024	42	1,139.87	7	100.31	1	10.00						
22-08-2024	55	782.93	1	10.00	1	10.00						
23-08-2024	21	208.63			4	0.40						
26-08-2024	18	154.08	5	105.00	2	15.00						
27-08-2024	43	563.79										
28-08-2024	21	247.05	1	1.00	1	10.00						
29-08-2024	72	670.42										
30-08-2024	53	503.84										
<b>Total</b>	<b>884</b>	<b>10870.77</b>	<b>66</b>	<b>693.93</b>	<b>31</b>	<b>145.88</b>	<b>20</b>	<b>25396.34</b>	<b>5</b>	<b>2.056</b>		

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
 Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency  
 As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

**TABLE 88. TRADED PRINCIPAL AMOUNT FOR OTC CLIENT FCY - INR CROSS CURRENCY SWAPS FOR THE MONTH OF AUGUST 2024**

Date	USDINR		EURINR		JPYINR		CHFNR		SGDINR		OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Amounts in Mio, USD
01-08-2024	1	60.00										
05-08-2024	3	80.36	2	2.73			2	10.47				
06-08-2024	5	201.45	1	2.40	3	57,814.00	1	0.71				
07-08-2024	5	21.67	1	1.09	3	28,922.60						
08-08-2024			1	0.33	6	32,609.56						
09-08-2024	3	258.00										
12-08-2024	8	527.86	1	3.05								
13-08-2024	3	71.65	1	3.27								
14-08-2024	4	100.00	12	10.99	2	14,358.50						
16-08-2024	1	10.30	1	2.71								
19-08-2024	3	4.79	2	3.45	2	21,313.50						
20-08-2024	6	281.03	3	13.67								
21-08-2024			9	31.55					1	8.00		
22-08-2024	3	5.46	7	11.34								
23-08-2024	4	530.50	4	5.55	1	15,982.00						
26-08-2024	3	135.00										
27-08-2024	2	50.00	1	1.92			1	3.94				
28-08-2024	5	367.95	1	10.69	4	379.86						
29-08-2024	5	210.88	1	0.72								
30-08-2024	9	108.13	1	0.38								
<b>Grand Total</b>	<b>73</b>	<b>3,025.04</b>	<b>49</b>	<b>105.85</b>	<b>21</b>	<b>1,71,380.02</b>	<b>4</b>	<b>15.12</b>	<b>1</b>	<b>8.00</b>		

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
 Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency  
 As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

TABLE 89. TRADED VOLUME FOR OTC CLIENT FCY - FCY FORWARDS FOR THE MONTH OF AUGUST 2024

Date	EURUSD		USDJPY		GBPUSD		AUDUSD		USDCNH		Others	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
01-08-2024	37	125.26	36	95.14	25	51.79	9	41.72	3	19.00	26	19.68
02-08-2024	35	82.45	21	120.39	21	52.06	7	15.78	3	12.00	11	17.03
05-08-2024	84	340.02	66	727.66	48	75.16	8	24.78	7	53.71	27	81.35
06-08-2024	32	100.67	48	201.15	38	91.23	6	22.21	4	19.16	13	27.16
07-08-2024	12	24.75	37	189.66	10	20.75	11	24.35	3	19.00	9	14.81
08-08-2024	18	56.74	15	85.33	21	47.65	6	14.21	3	12.00	12	21.91
09-08-2024	22	19.52	19	157.61	41	56.74	3	6.00			24	16.65
12-08-2024	20	28.90	13	76.50	21	32.33	5	7.77			23	48.74
13-08-2024	15	13.27	12	47.75	17	21.20	7	23.95			11	21.67
14-08-2024	94	169.33	25	47.93	45	56.38	9	14.68	2	13.00	13	26.23
15-08-2024	14	7.00	6	3.00	2	1.00					7	3.88
16-08-2024	53	219.94	28	119.72	25	25.27	5	5.75			8	5.83
19-08-2024	44	182.76	30	93.51	35	48.93	5	6.23	1	10.00	21	57.37
20-08-2024	35	447.37	9	44.40	33	47.71	9	66.00			13	16.55
21-08-2024	48	94.36	28	41.13	23	38.42	12	33.70	2	5.14	20	23.31
22-08-2024	54	129.03	22	87.89	29	86.00	5	19.10	5	24.00	8	14.23
23-08-2024	34	107.33	22	34.43	25	29.90	2	6.00	1	5.00	15	17.25
26-08-2024	78	158.95	33	142.66	37	89.84	3	12.50	4	15.27	16	17.19
27-08-2024	36	62.82	20	105.22	20	57.68	4	33.35	2	17.00	63	334.06
28-08-2024	61	144.73	30	157.48	39	143.56	12	106.60	11	33.67	60	182.40
29-08-2024	51	128.56	24	65.28	17	59.32	26	87.94	8	65.00	38	139.80
30-08-2024	5	1.66	2	0.30	3	0.88					4	3.22
<b>Total</b>	<b>882</b>	<b>2645.43</b>	<b>546</b>	<b>2644.13</b>	<b>575</b>	<b>1133.79</b>	<b>154</b>	<b>572.62</b>	<b>59</b>	<b>322.96</b>	<b>442</b>	<b>1110.33</b>

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency. As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

**TABLE 90. TRADED VOLUME FOR OTC CLIENT FCY - FCY OPTIONS FOR THE MONTH OF AUGUST 2024**

Date	USDJPY		EURUSD		USDCNH		AUDUSD		GBPUSD		Others	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
01-08-2024	2	15.00	2	20.00	2	10.00	9	102.90				
02-08-2024	10	169.00			2	20.00						
05-08-2024	3	12.60	5	41.00					1	10.00		
06-08-2024	10	83.00			7	55.00	2	20.00			3	12.00
07-08-2024	12	155.00			1	4.00						
08-08-2024	4	52.00							3	30.00		
09-08-2024	12	175.00										
12-08-2024	6	60.00	2	20.00	3	30.00			1	10.00		
13-08-2024	1	15.00							1	10.00		
14-08-2024			3	52.50					2	20.00		
15-08-2024												
16-08-2024	2	40.00					2	11.00	4	21.60		
19-08-2024							4	19.60				
20-08-2024	10	160.00	7	70.00	4	60.00			2	20.00		
21-08-2024	8	619.12	16	97.24			4	21.00				
22-08-2024	12	57.00			4	40.00	2	40.00				
23-08-2024	8	95.00	5	24.00					1	5.00		
26-08-2024	5	75.00										
27-08-2024	18	155.80	1	4.00			2	10.00	1	15.00		
28-08-2024	14	140.00	5	118.00	12	180.00					4	22.14
29-08-2024			7	100.00	3	30.00	3	60.00			12	12.00
30-08-2024	2	20.00	2	40.00			3	63.00				
<b>Total</b>	<b>139</b>	<b>2098.52</b>	<b>55</b>	<b>586.74</b>	<b>38</b>	<b>429.00</b>	<b>31</b>	<b>347.50</b>	<b>16</b>	<b>141.60</b>	<b>19</b>	<b>46.14</b>

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency  
As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

**TABLE 91. TRADED PRINCIPAL AMOUNT FOR OTC CLIENT FCY - FCY CROSS CURRENCY SWAPS FOR THE MONTH OF AUGUST 2024**

Date	USDCHF		EURUSD								OTHERS*	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, USD
01-08-2024												
09-08-2024												
12-08-2024			1	7.60								
13-08-2024												
16-08-2024												
19-08-2024												
20-08-2024			1	1.11								
21-08-2024	1	250.00										
30-08-2024												
<b>Total</b>	<b>1</b>	<b>250.00</b>	<b>2</b>	<b>8.70</b>								

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent

Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency. As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

TABLE 92. TRADED NOTIONAL PRINCIPAL FOR OTC CLIENT - IRS FOR THE MONTH OF AUGUST 2024

Date	INR		USD		EUR				JPY		OTHERS *	
	Trades	Volume (in cr)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Amounts in Mio, USD
01-08-2024	33	7,080.00	23	1,536.26								
02-08-2024	32	5,676.07	63	4,605.81								
05-08-2024	77	25,853.00	59	4,065.37	1	1.09						
06-08-2024	33	7,945.00	25	1,770.00								
07-08-2024	53	16,220.00	23	1,190.00					2	10,495.13		
08-08-2024	37	9,919.00	22	652.33	1	0.87						
09-08-2024	37	12,260.00	12	506.20								
12-08-2024	23	15,599.82	15	885.84								
13-08-2024	22	10,672.00	11	465.00								
14-08-2024	38	21,561.24	14	1,050.00								
15-08-2024			4	256.50								
16-08-2024	17	6,630.00	11	555.00								
19-08-2024	16	7,780.00	5	250.00								
20-08-2024	16	29,977.00	2	5.48								
21-08-2024	25	36,738.66	10	280.00								
22-08-2024	48	16,414.00	12	669.45								
23-08-2024	26	12,312.44	15	929.72					1	15,982.00		
26-08-2024	44	18,228.00	24	1,304.20								
27-08-2024	24	21,053.00	5	112.58								
28-08-2024	25	7,165.00	20	733.84								
29-08-2024	27	6,783.75	15	259.42								
30-08-2024	30	16,242.24	5	104.20								
<b>Total</b>	<b>653</b>	<b>312110.22</b>	<b>395</b>	<b>22,187.20</b>	<b>2</b>	<b>1.96</b>			<b>3</b>	<b>26,477.13</b>		

\* OTHERS includes all the other currencies wherein base amount is depicted in USD equivalent

Top 5 Currencies, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency.

"Most of the FCY IRS trades are with overseas counterparties and hence the reporting is single sided by the domestic counterparty."

CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

**TABLE 93. OUTSTANDING VOLUME FOR OTC CLIENT FCY - INR FORWARDS AS AT END AUGUST 2024**

Month	USDINR		EURINR		GBPINR		JPYINR		CNHINR		Others	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
Aug-24	1,41,649.00	1,47,704.10	37263	12,851.50	12,507.00	2,809.73	27,423.00	5,32,613.28	1,103.00	5,451.57	-	-

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
Top 5 Currencies, in terms of Outstanding Notional Principal, represented with respect to volumes in Base Currency.  
As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

**TABLE 94. OUTSTANDING VOLUME FOR OTC CLIENT FCY - INR OPTIONS AS AT END AUGUST 2024**

Month	USDINR		EURINR		JPYINR		GBPINR		AUDINR		Others	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
Aug-24	6,869.00	83,977.31	648.00	1,497.65	52.00	1,92,095.30	268.00	570.33	127.00	47.34	2.00	21.20

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
Top 5 Currencies, in terms of Outstanding Notional Principal, represented with respect to volumes in Base Currency.  
As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

**TABLE 95. OUTSTANDING PRINCIPAL AMOUNT FOR OTC CLIENT FCY - INR CROSS CURRENCY SWAPS AS AT END AUGUST 2024**

Month	USDINR		EURINR		JPYINR		SGDINR		CHFNR		Others	
	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, USD
Aug-24	1,868.00	50,562.52	438.00	2,860.28	107.00	3,20,583.60	58.00	815.14	32.00	666.89	13.00	118.62

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
Top 5 Currencies, in terms of Outstanding Notional Principal, represented with respect to volumes in Base Currency.  
As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

**TABLE 96. OUTSTANDING VOLUME FOR OTC CLIENT FCY - FCY FORWARDS AS AT END AUGUST 2024**

Month	EURUSD		USDJPY		GBPUSD		AUDUSD		USDAED		OTHERS *	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
Aug-24	1,861.00	5,030.08	1,624.00	3,877.08	591.00	1,567.92	219.00	605.91	17.00	372.13	1,133.00	2,583.62

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
Top 5 Currencies, in terms of Outstanding Notional Principal, represented with respect to volumes in Base Currency.  
As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

**TABLE 97. OUTSTANDING VOLUME FOR OTC CLIENT FCY - FCY OPTIONS AS AT END AUGUST 2024**

Month	USDJPY		EURUSD		GBPUSD		USDCNH		AUDUSD		Others	
	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (in Mio)	Trades	Volume (USD in Mio)
Aug-24	360.00	1,10,235.04	510.00	4,652.07	52.00	441.40	31.00	395.00	40.00	528.30	212.00	1,466.15

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
Top 5 Currencies, in terms of Outstanding Notional Principal, represented with respect to volumes in Base Currency.  
As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

**TABLE 98. OUTSTANDING PRINCIPAL AMOUNT FOR OTC CLIENT FCY - FCY CROSS CURRENCY SWAPS AS AT END AUGUST 2024**

Month	USDCHF		USDJPY		EURUSD		EURSGD		USDSGD		Others	Amounts in Mio, USD
	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	
Aug-24	49	4,763.28	38.00	4,248.51	116.00	378.60	2.00	153.76	4.00	101.75	9.00	209.73

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
 Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency. As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

**TABLE 99. OUTSTANDING NOTIONAL PRINCIPAL FOR OTC CLIENT - IRS AS AT END AUGUST 2024**

Month	INR		USD		EUR		GBP		JPY		AUD		OTHERS *	
	Trades	Amounts in INR cr, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, Base Currency	Trades	Amounts in Mio, USD
Aug-24	9,527.00	25,21,186.41	1,642.00	55,011.29	126.00	659.80	17.00	378.73	8.00	42,801.95	1.00	2.04		

\* OTHERS includes all the other currency pairs wherein base amount is depicted in USD equivalent  
 Top 5 Currency pairs, in terms of average daily volumes traded during the month, represented with respect to volumes in Base Currency for each instrument  
 Most of the FCY/IRS trades are with overseas counterparties and hence the reporting is single sided by the domestic counterparty. CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters. As all Client trade are reported by Market Makers (Banks) unilaterally to TR, CCIL shall not be liable for errors committed by the reporting party in the absence of matching of primary economic parameters.

## OUTSTANDING PRINCIPAL VOLUMES FOR OTC FOREIGN EXCHANGE DERIVATIVES

Table 100: OUTSTANDING VOLUME FOR OTC INTERBANK FCY - INR DERIVATIVES (Value in USD Mio)\*

Period **	Forwards		Options		FCY-IRS#		Cross Currency Swaps^	
	Trades	Value	Trades	Value	Trades	Value	Trades	Value
2017-18	44858	401030.71	3187	18130.08	12386	184945.56	1376	22225.49
2018-19	44592	445547.33	3774	29518.03	11947	207393.40	1347	23871.51
2019-20	46795	483579.38	3058	22666.83	10226	230558.13	1495	27491.02
2020-21	32374	519013.48	1979	17589.51	9866	225091.10	1554	30310.53
2021-22	43094	622221.05	2944	28633.10	11710	277184.75	1487	32767.64
2022-23	54643	720363.97	2960	30529.38	14095	438365.20	1275	34651.88
2023-24	54149	757609.37	2820	34158.70	15754	389560.45	1193	35431.98
2024-25 (As on August 2024)	51199	669493.77	2884	32368.95	17648	419606.50	1171	35952.27

\*All values converted to USD Mio from Base Currency

\*\* Values pertain to outstanding contracts as of 31 March

#Indicates Outstanding Notional Principal

^ Indicates Outstanding Principal Amount

Table 101: OUTSTANDING VOLUME FOR OTC INTERBANK FCY - FCY DERIVATIVES (Value in USD Mio)\*

Period **	Forwards		Options		Cross Currency Swaps^	
	Trades	Value	Trades	Value	Trades	Value
2017-18	34991	53534.79	818	4901.33	666	17615.33
2018-19	30209	43138.47	726	5239.78	689	17145.42
2019-20	34466	58277.43	613	4988.98	724	14073.92
2020-21	34843	67011.96	711	4689.86	722	15341.92
2021-22	29425	58189.10	729	3428.96	608	13303.38
2022-23	31173	57069.80	612	4122.80	581	10842.85
2023-24	30912	63893.76	564	8153.95	573	13895.71
2024-25 (As on August 2024)	35540	80025.67	839	19181.45	580	39696.25

\*All values converted to USD Mio from Base Currency

\*\* Values pertain to outstanding contracts as of 31 March

^ Indicates Outstanding Principal Amount

Table 102: OUTSTANDING VOLUME FOR OTC CLIENT FCY - INR Derivatives (Value in USD Mio)\*

Period **	Forwards		Options		Cross Currency Swaps^	
	Trades	Value	Trades	Value	Trades	Value
2021-22	234203	168362.08	14322	85790.69	2924	46817.52
2022-23	244464	158948.46	8262	86285.74	2611	46862.23
2023-24	213919	166657.22	8088	82737.29	2330	50454.02
2024-25 (As on August 2024)	219945	170081.67	7966	87765.61	2516	57473.65

\*All values converted to USD Mio from Base Currency

\*\*Values pertain to outstanding contracts as of 31 March

^ Indicates Outstanding Principal Amount

**Table 103: OUTSTANDING NOTIONAL PRINCIPAL FOR OTC CLIENT IRS Derivatives**  
(Value in USD Mio)\*

Period**	INR-IRS		FCY-IRS#	
	Trades	Value	Trades	Value
2021-22	-	-	987	18802.78
2022-23	-	-	1195	54799.45
2023-24	9451	28788.05	1457	42665.21
<b>2024-25 (As on August 2024)</b>	<b>9527</b>	<b>30057.06</b>	<b>1794</b>	<b>56537.48</b>

\*All values converted to USD Mio from Base Currency

\*\*Values pertain to outstanding contracts as of 31 March

**Table 104: OUTSTANDING VOLUME FOR OTC CLIENT FCY - FCY DERIVATIVES**  
(Value in USD Mio)\*

Period **	Forwards		Options		Cross Currency Swaps <sup>^</sup>	
	Trades	Value	Trades	Value	Trades	Value
2021-22	3943	11750.57	678	2890.25	127	1110.16
2022-23	4942	13745.38	937	166772.68	119	2243.80
2023-24	4643	14681.80	1311	107504.96	172	7528.30
<b>2024-25 (As on August 2024)</b>	<b>5445</b>	<b>14881.13</b>	<b>1205</b>	<b>118189.61</b>	<b>218</b>	<b>9912.97</b>

\*All values converted to USD Mio from Base Currency

\*\* Values pertain to outstanding contracts as of 31 March

<sup>^</sup> Indicates Outstanding Principal Amount



## INTEREST RATE MOVEMENT

• Zero coupon yields as on 30th Aug'24 have moved to lower levels across the curve as compared to the yields prevailing a year back. In the last one

month, yields have moved to lower levels across the curve, while remaining flat in the longer term of the curve.

Chart 1: Zero Coupon Yield Curve

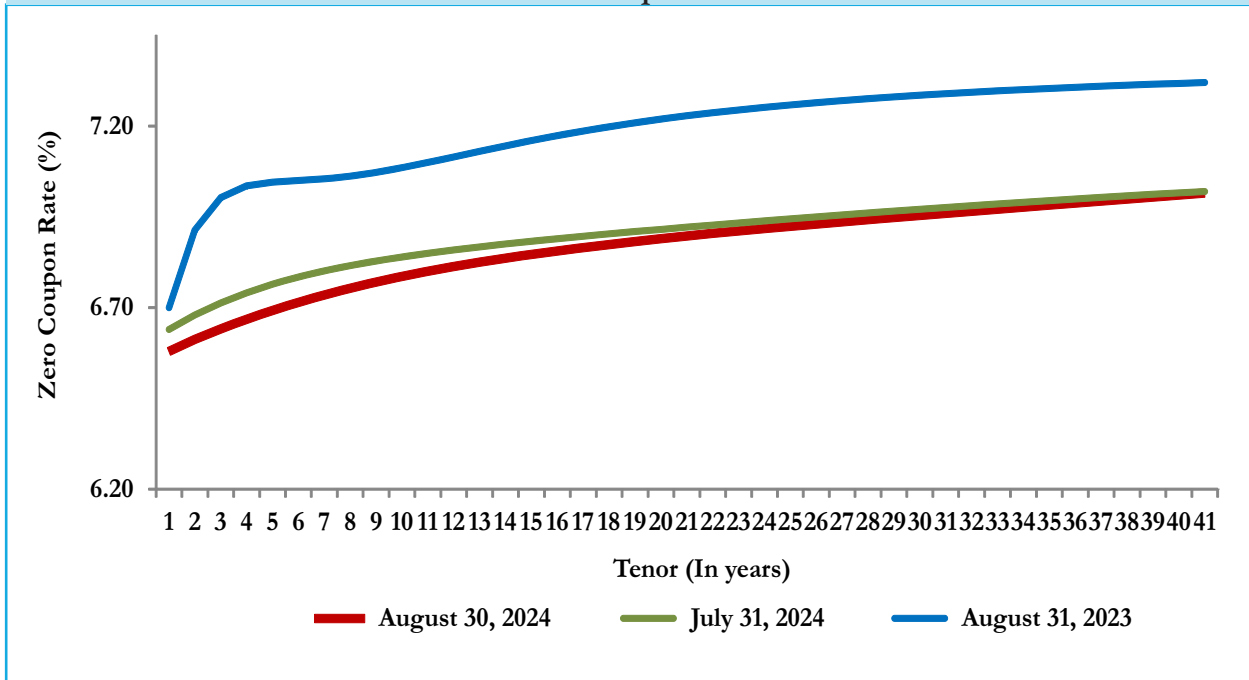


Chart 2: Sovereign Yield Curve

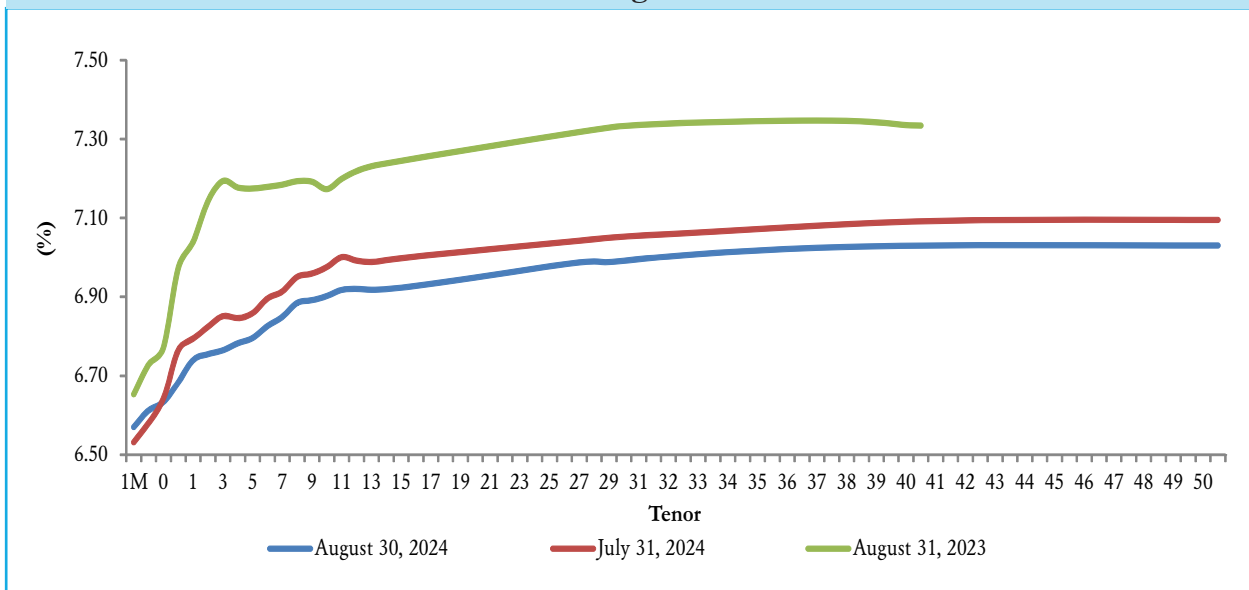


TABLE 105: SPREAD ANALYSIS - SDL

State	Trades	Traded Value (₹ Crore)	Average Spread (bps)
ANDHRA PRADESH	164	3854	31
ASSAM	84	1791	34
BIHAR	52	1288	33
CHHATTISGARH	10	210	33
GOA	8	260	32
GUJARAT	98	2001	27
HARYANA	140	3218	29
HIMACHAL PRADESH	13	242	34
JAMMU & KASHMIR	10	563	30
JHARKHAND	2	100	30
KARNATAKA	328	10470	29
KERALA	83	1186	29
MADHYA PRADESH	146	4502	30
MAHARASHTRA	622	18806	30
MANIPUR	3	220	33
MEGHALAYA	4	74	30
MIZORAM	7	55	33
NAGALAND	2	100	34
PUDUCHERRY	1	10	33
PUNJAB	84	1404	34
RAJASTHAN	178	5790	32
SIKKIM	3	105	34
TAMIL NADU	272	8974	26
TELANGANA	248	4826	32
UTTAR PRADESH	273	10169	32
UTTARAKHAND	4	130	34
WEST BENGAL	117	3299	31
<b>TOTAL</b>	<b>2956</b>	<b>83647</b>	<b>30</b>

Note: Spread has been calculated on the basis of deals settled through CCIL, taking into account only outright deals of ₹5 Crore and above. The methodology and other information on the spread can be requested from Economic Research Department, CCIL.

TABLE 106: YIELD MOVEMENT

Percent

Year	YTM													Change in YTM(bps)	
	August 30, 2024	July 31, 2024	June 28, 2024	May 31, 2024	April 30, 2024	March 28, 2024	February 29, 2024	January 31, 2024	December 29, 2023	November 30, 2023	October 31, 2023	September 29, 2023	August 31, 2023	Mnth to Mnth	Year on Year
2024	-	-	-	-	-	-	-	-	7.1892	7.2199	7.2431	7.1749	7.1371		
2025	6.8336	6.8884	7.0511	7.1250	7.1666	7.1174	7.1596	7.1679	7.0665	7.1830	7.3283	7.1895	7.0642	-5	-23
2026	6.7378	6.8170	6.9550	7.0333	7.1488	7.0336	7.0444	7.0275	7.0728	7.2406	7.3342	7.2812	7.1582	-8	-42
2027	6.7456	6.8423	6.9763	7.0467	7.1902	7.0501	7.0579	7.0298	7.0882	7.2613	7.3452	7.2397	7.1705	-10	-42
2028	6.7877	6.8416	7.0068	7.0445	7.1944	7.0420	7.0496	7.0277	7.0676	7.2504	7.3436	7.2395	7.1666	-5	-38
2029	6.7752	6.8325	6.9952	7.0531	7.2005	7.0458	7.0800	7.0786	7.1316	7.2889	7.3730	7.2551	7.1815	-6	-41
2030	6.8248	6.8922	7.0432	7.0536	7.2009	7.0511	7.0625	7.1018	7.1428	7.2856	7.3908	7.2594	7.1679	-7	-34
2031	6.8335	6.8846	7.0079	7.0624	7.2282	7.0705	7.1020	7.1396	7.1765	7.3255	7.4021	7.2680	7.1823	-5	-35
2032	6.8853	6.9375	7.0667	7.0660	7.2157	7.0786	7.1094	7.1729	7.2162	7.3425	7.4158	7.2667	7.1916	-5	-31
2033	6.8973	6.9633	7.0534	7.0457	7.1962	7.0422	7.0680	7.1440	7.1821	7.2659	7.3540	7.2578	7.1716	-7	-27
2034	6.8648	6.9260	7.0086	6.9870	7.1573	7.0795	7.1036	7.1996	7.2506	7.3615	7.4635	7.2847	7.2202	-6	-36
2035	6.9123	7.0038	7.0549	7.0782	7.2303	7.0970	7.1182	7.3194	7.2928	7.4166	7.4252	7.3419	7.2192	-9	-31
2036	6.9203	6.9833	7.0487	7.0786	7.2391	7.1079	7.1176	7.2156	7.3112	7.3727	7.4359	7.3392	7.2371	-6	-32
2037	6.9146	6.9817	7.0433	7.0699	7.2353	7.0867	7.1223	7.2302	7.2966	7.3907	7.4586	7.3430	7.2384	-7	-32
2039	6.9163	7.0035	7.0299	7.0357	7.2179	7.1177	7.1252	7.3450	7.3211	7.5026	7.5671	7.3557	7.2716	-9	-36
2040	6.9472	7.0557	7.0373	7.1774	7.2437	7.2070	7.2369	7.3473	7.3349	7.4457	7.4543	7.3792	7.3808	-11	-43
2041	6.9597	7.0549	7.0456	7.1380	7.2506	7.0968	7.1896	7.1492	7.4073	7.4547	7.5811	7.3732	7.2958	-10	-34
2042	6.9481	6.9951	7.0364	7.1446	7.2556	7.2151	7.2402	7.3543	7.3326	7.4200	7.4755	7.3708	7.2850	-5	-34
2043	7.0093	7.0133	7.0669	7.1046	7.2601	7.2159	7.1958	7.3571	7.4458	7.5255	7.5893	7.4850	7.3992	0	-39
2044	6.9557	7.0186	7.0453	7.0902	7.2751	7.1085	7.1300	7.2447	7.4558	7.4464	7.5928	7.3790	7.2962	-6	-34
2045	7.0678	7.1306	7.1555	7.1579	7.2820	7.1186	7.1341	7.2548	7.4595	7.4406	7.4882	7.3848	7.4088	-6	-34
2046	6.9602	7.0252	7.0462	7.1209	7.2716	7.1117	7.1021	7.2714	7.4680	7.4451	7.5993	7.3877	7.3043	-7	-34
2049	6.9673	7.0288	7.0348	7.1253	7.2631	7.1009	7.1419	7.3754	7.4846	7.4405	7.5000	7.5067	7.3147	-6	-35
2050	6.9830	7.0533	7.0602	7.1334	7.2838	7.1197	7.1426	7.2702	7.3830	7.4583	7.5015	7.4016	7.3198	-7	-34
2051	6.9891	7.0472	7.0539	7.1251	7.2867	7.1173	7.1411	7.2732	7.3701	7.4638	7.5039	7.3976	7.2941	-6	-31
2052	6.9922	7.0502	7.0547	7.1280	7.2884	7.1072	7.1360	7.2765	7.3895	7.4512	7.5055	7.4313	7.3284	-6	-34
2053	6.9983	7.0588	7.0491	7.1320	7.2911	7.1129	7.1508	7.2739	7.4142	7.4943	7.5115	7.4103	7.3331	-6	-33
2054	7.0140	7.0294	7.0731	7.1388	7.2587	7.1125	7.1450	7.2774	-	-	-	-	-	-2	-
2055	7.1100	7.1679	7.1731	7.2482	7.4047	7.2338	7.1500	7.3908	7.4200	7.5148	7.6211	7.4382	7.4389	-6	-33
2059	7.1284	7.0735	7.0712	7.2577	7.2941	7.1301	7.1500	7.2905	7.5174	7.5283	7.6259	7.5282	7.4399	5	-31
2060	7.0227	7.0799	7.0835	7.1509	7.3051	7.1377	7.1450	7.2955	7.4076	7.4843	7.6275	7.4198	7.3298	-6	-31
2061	7.0233	7.0838	7.0841	7.1527	7.3055	7.1128	7.1476	7.2635	7.4076	7.4800	7.5186	7.4200	7.3180	-6	-29
2062	7.0183	7.1410	7.0893	7.1539	7.3080	7.1275	7.1450	7.2715	7.4069	7.4621	7.5194	7.4233	7.3286	-12	-31
2063	7.0351	7.0981	7.0938	7.1577	7.3142	7.1311	7.1477	7.2760	7.4116	7.4919	7.5197	7.4219	7.3299	-6	-29
2064	7.0333	7.0970	7.0933	7.1571	7.3095	-	-	-	-	-	-	-	-	-6	-
2073	7.0353	7.0950	7.0944	7.1587	7.3096	7.1106	7.1350	7.2669	7.3904	7.4863	-	-	-	-6	-

## CORPORATE BONDS

## PRIMARY ISSUANCE ANALYSIS

TABLE 107: ANALYSIS OF CORPORATE BOND ISSUANCE

Type	Sector	No.	Amount (₹ Cr.)	Avg. Tenor	Max. Tenor	Min Tenor
PSU	Finance	112	38462	5.84	20.01	0.45
PSU	Infrastructure	12	285	5.00	9.93	0.07
PSU	Manufacturing	0	0		0.00	0.00
PSU	Oil	4	2597	5.03	5.18	4.91
PSU	Others	2	150	9.59	9.59	9.59
PVT	Finance	165	21843	2.84	10.66	0.05
PVT	Infrastructure	61	6189	7.66	29.93	0.79
PVT	Manufacturing	24	4341	2.79	7.70	0.63
PVT	Oil	0	0		0.00	0.00
PVT	Others	18	705	4.76	19.87	1.00
<b>Total</b>		<b>398</b>	<b>74572.03</b>	<b>5.44</b>	<b>29.93</b>	<b>0.05</b>

TABLE 108: TOP 5 ISSUANCES

Company	No.	Amount (₹ Cr.)	Avg. Tenor	Max. Tenor	Min Tenor	% Share
INDIAN RAILWAY FINANCE CORPORATION LIMITED	4	6016	5.53	10.00	2.16	8.07
RURAL ELECTRIFICATION CORPORATION LIMITED	11	5113	4.42	15.10	1.13	6.86
BANK OF BARODA	1	5000	10.00	10.00	10.00	6.70
NATIONAL BANK FOR FINANCING INFRASTRUCTURE AND DEVELOPMENT	18	4346	20.00	20.01	19.99	5.83
POWER FINANCE CORPORATION LIMITED	8	3367	6.14	14.90	2.07	4.52

TABLE 109: SECTOR ANALYSIS

Sector	No.	Amount (₹ Cr.)	Avg. Tenor	Max. Tenor	Min Tenor
Finance	277	60306	3.49	20.01	0.05
Infrastructure	73	6474	7.56	29.93	0.07
Manufacturing	24	4341	2.79	7.70	0.63
Oil	4	2597	5.03	5.18	4.91
Others	20	855	5.02	19.87	1.00
<b>Total</b>	<b>398</b>	<b>74572.04</b>	<b>4.78</b>	<b>29.93</b>	<b>0.05</b>

TABLE 110: CATEGORY ANALYSIS

Type	No.	Amount (₹ Cr.)	Avg. Tenor	Max. Tenor	Min Tenor
PSU	130	41494	5.84	20.01	0.07
PVT	268	33078	4.02	29.93	0.05

## VARIABLE/ZERO COUPON BONDS

TABLE 111: TENORWISE ISSUANCE ANALYSIS

Tenor Buckets	No.	Amount (₹ Cr.)
1	36	1111
2	86	5413
3	134	24338
4	90	8327
5	16	16307
6	29	14723
Perpetual	7	4353
<b>Total</b>	<b>398</b>	<b>74572.03</b>

Source: FIMMDA

TABLE 112: PRIMARY MARKET CATEGORY ANALYSIS - HISTORICAL Amount (₹ Cr)

Year	Categories					
	Finance	Infrastructure	Manufacturing	Oil	Others	Total
2017-18	252217	207711	21996	2284	48847	533055
2018-19	234753	153080	14951	1164	38081	442029
2019-20	110633	96004	5585	433	21937	234593
2020-21	212130	168840	34764	693	19194	435620
2021-22	334103	174358	19711	8535	19285	555992
2022-23	386548	121294	38037	17935	17758	581571
2023-24	496176	164228	32883	22250	37028	752565
Apr-24	14741	7622	1200	0	18371	41934
May-24	29122	10935	2810	0	1704	44571
Jun-24	48496	13870	3580	160	2463	68570
Jul-24	52011	14108	2288	0	3866	72273
Aug-24	60306	6474	4341	2597	855	74572
2024-25 (Upto August 2024)	204676	53008	14219	2757	27260	301920

TABLE 113: RATING ANALYSIS - HISTORICAL Amount (₹ Cr)

Year	Ratings								
	AAA	AA	A	A1	BBB	BB	B	C	NA
2017-18	257033	105780	19643	0	5527	2341	773	28	141931
2018-19	247660	92257	10190	800	6586	2049	200	150	82138
2019-20	102100	51454	12026	0	4048	831	477	0	63657
2020-21	252492	86558	20214	0	6287	1421	303	149	68196
2021-22	336766	105552	9798	-	5148	1550	466	-	96713
2023-24	489098	112431	31336	0	6302	1848	910	370	110268
Apr-24	9973	2353	1382	0	830	0	0	325	27071
May-24	25939	6932	755	0	734	8	0	0	10205
Jun-24	46435	11832	1645	0	940	165	0	0	7553
Jul-24	46183	15859	1889	0	835	0	15	0	7492
Aug-24	53022	12869	1819	0	895	384	55	0	5528
2024-25 (Upto August 2024)	181552	49845	7489	0	4233	557	70	325	57849

## SECONDARY MARKET ANALYSIS

TABLE 114: CORPORATE BONDS TRADING DETAILS			Amount ₹ Crore
Date	Total		
	Trades	Volume	
01-Aug-24	150	3951.60	
02-Aug-24	193	7436.04	
05-Aug-24	227	9191.02	
06-Aug-24	180	6209.53	
07-Aug-24	173	5817.00	
08-Aug-24	143	4516.28	
09-Aug-24	110	3366.17	
12-Aug-24	153	4304.07	
13-Aug-24	243	7473.60	
14-Aug-24	211	5277.71	
16-Aug-24	164	5257.69	
19-Aug-24	172	6874.20	
20-Aug-24	225	8361.30	
21-Aug-24	215	7302.15	
22-Aug-24	198	8331.06	
23-Aug-24	183	6015.57	
26-Aug-24	189	5334.63	
27-Aug-24	159	3339.73	
28-Aug-24	233	6015.28	
29-Aug-24	235	7882.41	
30-Aug-24	179	5012.53	
<b>Total</b>	<b>3935</b>	<b>127270</b>	
<b>Average</b>	<b>187</b>	<b>6060</b>	

TABLE 115: HISTORICAL SUMMARY					Amount ₹ Crore
Period	Total		Average		
	Trades	Value	Trades	Value	
2008-09	-	86327	-	367	
2009-10	-	209163	-	879	
2010-11	12219	190001	49	769	
2011-12	18313	240106	77	1009	
2012-13	29583	292918	123	1215	
2013-14	69518	972156	287	4017	
2014-15	72364	1013504	305	4276	
2015-16	63701	905333	264	3757	
2016-17	72416	1124988	300	4668	
2017-18	50631	1350033	210	5602	
2018-19	37813	1090407	156	4506	
2019-20	43619	1555518	180	6401	
2020-21	41555	1449926	170	5942	
2021-22	39109	1197730	162	4970	
2022-23	41838	1144028	171	4689	
2023-24	43132	1189069	180	4954	
Apr-24	2622	78910	146	4384	
May-24	3751	114702	188	5735	
Jun-24	3647	103512	192	5448	
Jul-24	4072	131628	194	6268	
Aug-24	3935	127270	187	6060	
<b>2024-25 (Upto August 2024)</b>	<b>18027</b>	<b>556022</b>	<b>182</b>	<b>5616</b>	

Since April 1, 2014 all Corporate Bond deals are being reported only on the exchanges

TABLE 116: CATEGORYWISE TRADING ANALYSIS

CATEGORY	Rating	Trades	Value (₹ Crore)	Avg. Tenor	Avg. Spread (bps)
FINANCE	AAA	2,447.00	90396	4.00	94.67
FINANCE	AA	506.00	9675	3.83	216.91
FINANCE	NA	30.00	460	3.17	453.07
FINANCE	A	184.00	2133	2.07	412.16
FINANCE	BBB	93.00	827	1.48	629.24
FINANCE	BB				
FINANCE	B				
FINANCE	D				
MANUFACTURING	AAA	16.00	3620	3.60	72.56
MANUFACTURING	AA	58.00	1610	2.94	252.27
MANUFACTURING	NA	8.00	276	2.16	687.99
MANUFACTURING	A	6.00	60	1.90	417.32
MANUFACTURING	BBB				
INFRASTRUCTURE	AAA	250.00	7834	4.75	64.98
INFRASTRUCTURE	AA	106.00	2709	5.80	198.65
INFRASTRUCTURE	NA	17.00	437	1.67	1297.62
INFRASTRUCTURE	A	30.00	440	1.47	688.75
INFRASTRUCTURE	BBB	1.00	20	0.13	10510.94
INFRASTRUCTURE	BB				
OIL	AAA	25.00	1254	5.26	57.83
OIL	AA	4.00	240	0.93	131.72
OTHERS	AAA	75.00	3256	5.78	88.01
OTHERS	AA	53.00	1466	2.85	166.89
OTHERS	NA	21.00	391	1.94	664.50
OTHERS	A	1.00	24	2.56	624.20
OTHERS	B	4.00	142	6.87	113.93

TABLE 117: RATING ANALYSIS

Rating	Trades	Value (₹ Crore)	Avg. Tenor	Avg. Spread (bps)
AAA	2813	106359	4.12	91
AA	727	15700	3.94	212
NA	76	1564	2.35	710
A	221	2657	1.97	460
BBB	94	847	1.46	770
BB	0	0		
B	4	142	6.87	114
D	0	0		

TABLE 118: CATEGORY ANALYSIS

Category	Trades	Value (₹ Crore)	Avg. Tenor	Avg. Spread (bps)
FINANCE	3260	103490	3.74	157
INFRASTRUCTURE	404	11439	4.51	272
MANUFACTURING	88	5567	2.89	286
OIL	29	1494	4.70	67
OTHERS	154	5279	3.89	240

TABLE 119: BOND TYPE ANALYSIS

Type of Bond	Trades	Value (₹ Crore)	Avg. Tenor	Avg. Spread (bps)
Fixed	3774	120678	3.90	171
Zero	0	0		
NA	161	6592	1.94	270

TABLE 120: AAA SPREAD ANALYSIS

Maturity Buckets	Average AAA Spread (bps)
<=1 year	102
> 1 year -<=2 years	113
> 2 years -<=3 years	97
>3 years -<=5 years	88
>5 years-<=7 years	44
> 7 years	76

TABLE 121: CATEGORY ANALYSIS - HISTORICAL

Amount ₹ Crore

Year	Categories					Total
	Finance	Infrastructure	Manufacturing	Oil	Others	
2008-09	102644	17543	7468	4952	13222	145828
2009-10	232669	50546	25739	18186	75017	402157
2010-11	394887	75663	26536	16916	84602	598604
2011-12	344743	99947	8781	13948	124560	591979
2012-13	334871	131421	38073	7613	224370	736348
2013-14	580267	188209	42594	17945	143141	972156
2014-15	536550	248001	41028	15605	172320	1013504
2015-16	548616	259910	41691	4182	50933	905333
2016-17	719406	255995	39124	7515	102948	1124988
2017-18	916753	273880	76597	3144	79660	1350033
2018-19	729650	209064	60659	4806	86228	1090407
2019-20	910018	382241	57756	43268	162234	1555518
2020-21	852825	373157	56720	46326	120898	1449926
2021-22	724261	276462	56588	24229	96862	1178402
2023-24	887111	237377	8476	23360	32745	1189069
Apr-24	60085	11238	2538	1061	3989	78910
May-24	92640	12010	4406	829	4817	114702
Jun-24	86575	10566	1121	1175	4076	103512
Jul-24	113163	12660	1404	1030	3370	131628
Aug-24	103490	11439	5567	1494	5279	127270
2024-25 (Upto August 2024)	455954	57912	15036	5588	21531	556022



**TABLE 122: RATING ANALYSIS - HISTORICAL**

Amount ₹ Crore

Year	Ratings											
	AAA	AA	A1	A2	A	BBB	BB	B	C	D	P1	NA
2008-09	107549	13465	-	-	2463	70	-	-	-	-	9	22273
2009-10	294268	36550	5	-	12034	15	16	-	-	-	25	59244
2010-11	379542	107514	139	-	8068	260	38	216	-	-	8510	94317
2011-12	410152	44643	1637	-	3814	451	64	-	-	-	-	131217
2012-13	410581	80864	5736	-	7859	564	2966	124	-	-	201	227453
2013-14	696917	130830	3273	-	20241	2994	186	2	-	-	50	117664
2014-15	716087	129597	3555	600	35012	1389	3746	108	48	-	-	123362
2015-16	576773	151808	1835	-	33276	1856	942	174	-	-	-	138669
2016-17	578952	123929	1034	-	18746	1096	384	135	-	-	-	400712
2017-18	833499	222659	7178	295	30716	4300	896	430	-	-	-	250058
2018-19	820650	172568	712	-	28459	2199	1513	301	281	17	-	63707
2019-20	927674	111075	-	-	10927	2028	1378	144	14	81	-	502198
2020-21	1052254	128013	-	-	14033	3054	1583	681	-	1368	-	248940
2021-22	904142	144733	-	-	33094	5073	2144	670	-	0	-	88547
2022-23	858768	169215	0	0	52460	7049	2892	459	0	1105	0	52079
2023-24	911718	161325	0	0	50268	16966	1569	214	0	409	0	46601
Apr-24	62850	10625	0	0	2373	597	205	0	0	0	0	2260
May-24	88915	14928	0	0	3317	1537	36	0	0	0	0	5969
Jun-24	82342	13027	0	0	3716	1466	50	68	0	11	0	2832
Jul-24	109122	15969	-	-	2498	668	8	142	-	22	-	3199
Aug-24	106359	15700	0	0	2657	847	0	142	0	0	0	1564
2024-25 (Upto August 2024)	449588	70249	0	0	14561	5115	299	352	0	33	0	15825

**TABLE 123: SPREAD ANALYSIS - HISTORICAL (AVERAGE)**

basis points

Year	Ratings											
	AAA	AA	A1	A2	A	BBB	BB	B	C	D	P1	NA
2011-12	119	189	248	-	202	185	227	-	-	-	-	205
2012-13	98	161	231	-	220	308	262	182	-	-	193	181
2013-14	85	140	275	-	163	291	254	-	-	-	189	176
2014-15	46	123	179	141	149	351	83	138	566	-	-	148
2015-16	62	164	205	-	237	593	710	281	-	-	-	167
2016-17	73	221	240	-	343	720	1042	1699	-	-	-	170
2017-18	74	171	177	825	352	500	957	1052	-	-	-	135
2018-19	105	183	199	-	232	460	602	885	687	656	-	256
2019-20	114	282	-	-	391	1135	659	1185	781	807	-	220
2020-21	99	392	-	-	535	524	1694	1373	-	969	-	254
2021-22	41	315	-	-	465	909	916	1807	-	-	-	1099
2023-24												
Apr-24	67	192	-	-	379	549	487	-	-	-	-	560
May-24	71	181	-	-	379	579	682	-	-	-	-	562
Jun-24	72	195	-	-	439	667	734	781	-	6687	-	540
Jul-24	82	209	-	-	430	593	710	100	-	6645	-	652
Aug-24	91	212	-	-	460	770	-	114	-	-	-	710
2024-25 (Upto August 2024)	77	198	-	-	417	632	653	332	-	6666	-	605

**TABLE 124: TOP 25 TRADED CORPORATE BONDS**

No.	ISIN	Security Description	NSDL / BSE Ratings* (To be confirmed by USERS)	Category	Maturity	Coupon (%)	Trades	Volume (₹ Cr.)	Yield (%)
1	INE261F08EJ7	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT	IND AAA/Stable10-Nov-2023Verified	Finance	6-Dec-29	7.64%	119	5615.60	7.51
2	INE261F08EI9	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT	ICRA AAA/Stable01-Sep-2023	Finance	30-Sep-27	7.70%	66	3125.00	7.59
3	INE047A08182	GRASIM INDUSTRIES LIMITED	ICRA LIMITED AAA Stable No Watch 17-05-2023	Manufacturing	4-Apr-31	6.99%	7	3000.00	7.50
4	INE053F08411	INDIAN RAILWAY FINANCE CORPORATION LIMITED	CRISIL RATINGS LIMITEDAAA 01-08-2024	Finance	31-Jul-29	7.37%	54	2860.00	7.37
5	INE261F08DI1	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT	ICRA LIMITED AAA Stable No Watch 12-05-2023	Finance	31-Jan-25	5.23%	32	2380.00	7.59
6	INE134E08KH0	POWER FINANCE CORPORATION LIMITED	AAA	Finance	19-Nov-24	7.42%	29	1894.50	7.31
7	INE121A08PP7	CHOLAMANDALAM INVESTMENT AND FINANCE COMPANY LIMITED	INDIA RATING AND RESEARCH PVT. LTDIND AA+05-Jul-2024NonVerified	Finance	27-Jun-31	9.10%	31	1715.00	9.10
8	INE020B08FF1	RURAL ELECTRIFICATION CORPORATION LIMITED	ICRA AAA/Stable;IND AAA;CARE AAA	Infrastructure	31-Aug-27	7.56%	28	1675.00	7.51
9	INE0KUG08043	NATIONAL BANK FOR FINANCING INFRASTRUCTURE AND DEVELOPMENT	CRISIL RATINGS LIMITEDCRISIL AAA/Stable (No Watch)27-Jun-2024Verified	Finance	12-Aug-44	7.36%	55	1592.60	7.35
10	INE020B08DU5	RURAL ELECTRIFICATION CORPORATION LIMITED	AAA	Infrastructure	31-Oct-24	0.00%	10	1465.00	7.37
11	INE020B08FH7	RURAL ELECTRIFICATION CORPORATION LIMITED	INDIA RATING AND RESEARCH PVT. LTDAAA 12-08-24	Infrastructure	31-Oct-26	7.55%	30	1410.00	7.57
12	INE296A07TC9	BAJAJ FINANCE LIMITED	CRISIL RATINGS LIMITEDAAA 09-07-2024	Finance	10-Sep-27	8.12%	28	1355.00	8.04
13	INE261F08EH1	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT	IND AAA/Stable10-Nov-2023	Finance	10-May-29	7.62%	32	1300.00	7.52
14	INE261F08DX0	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT	ICRA LIMITED AAA Stable No Watch 12-05-2023	Finance	31-Jul-26	7.58%	23	975.00	7.65
15	INE092A08071	TATA CHEMICALS LIMITED	CARE RATINGS LIMITEDDAA+ 21-08-2024	Manufacturing	20-Aug-27	7.81%	6	950.00	7.81
16	INE018E08367	SBI CARDS AND PAYMENT SERVICES LIMITED	CRISIL RATINGS LIMITEDAAA 09-08-2024	Finance	8-Aug-34	8.25%	18	948.00	8.24
17	INE115A07QR5	LIC HOUSING FINANCE LIMITED	CARE RATINGS LIMITEDCARE AAA/Stable (No Watch)14-May-2024Verified	Finance	29-May-34	7.68%	31	945.00	7.62
18	INE296A07TD7	BAJAJ FINANCE LIMITED	CRISIL RATINGS LIMITEDCRISIL AAA/Stable (No Watch)27-May-2024Verified	Finance	31-Jul-29	7.98%	34	935.00	7.97
19	INE040A08666	HDFC BANK LIMITED	AAA	Finance	3-May-33	7.80%	28	910.00	7.62
20	INE103D08021	BHARAT SANCHAR NIGAM LIMITED	INDIA RATING AND RESEARCH PVT. LTD AAA(CE)Stable No Watch 17-05-2023	Infrastructure	23-Sep-30	6.79%	11	885.70	7.65
21	INE020B08FC8	RURAL ELECTRIFICATION CORPORATION LIMITED	IND AAA30-Apr-2024	Infrastructure	31-Aug-26	7.70%	9	850.00	7.69
22	INE115A07QU9	LIC HOUSING FINANCE LIMITED	CARE AAA/Stable (No Watch)20-Aug-2024	Finance	23-Aug-29	7.75%	14	835.00	7.74
23	INE040A08AG0	HDFC BANK LIMITED	CRISIL AAA/Stable (No Watch)16-May-2023, ICRA AAA/Stable26-Apr-2023	Finance	28-Oct-24	0.00%	7	830.00	7.86
24	INE457A08175	BANK OF MAHARASHTRA	ICRA LIMITEDDAA+ 05-08-2024	Finance	5-Aug-34	7.80%	32	806.10	7.75
25	INE537P07810	INDIA INFRADEBT LIMITED	CRISIL RATINGS LIMITEDCRISIL AAA/Stable (No Watch)14-Mar-2024Verified	Finance	29-Oct-29	8.00%	27	800.00	8.00

Note: Spread over comparable G-Sec  
 Deals apparently viewed as duplicate deals have been excluded.  
 Source for Corporate Bonds:  
[www.fimmda.org](http://www.fimmda.org)

## F-TRAC REPORTING

## PRIMARY MARKET

TABLE 125: ISSUANCE ANALYSIS - CDs and CPs

Amount ₹ Crore

Period	CDs		CPs	
	No.	Amount (₹ Cr.)	No.	Amount (₹ Cr.)
2018-19	-	-	19558	2652334
2019-20	1959	398965	11268	2203259
2020-21	810	147030	8783	1741472
2021-22	1377	290245	10796	2019635
2022-23	3482	741652	9007	1370044
2023-24	3953	957284	9019	1376251
Apr-24	121	32860	616	84070
May-24	318	84105	907	133943
Jun-24	526	148825	938	162945
Jul-24	300	67160	703	105419
Aug-24	349	82120	868	142196
2024-25 (Upto August 2024)	1614	415070	4032	628573

TABLE 126: CD ISSUANCE - TENOR-WISE ANALYSIS

Amount ₹ Crore

Period	14 Days	1 Month	2 Months	3 Months	6 Months	9 Months	12 Months	Total
2018-19	-	-	-	-	-	-	-	-
2019-20	75	20175	84695	131380	39305	8310	115025	398965
2020-21	-	3095	9450	47220	30060	8175	49030	147030
2021-22	45	4075	23100	76485	51245	34740	100555	290245
2022-23	0	11650	106410	292142	85730	40680	205040	741652
2023-24	875	39205	30350	547788	37706	32355	254395	942674
Apr-24	0	0	300	19335	9525	0	3700	32860
May-24	0	1250	1500	67625	2390	8700	2640	84105
Jun-24	150	20950	350	81190	13080	18025	15080	148825
Jul-24	0	0	150	35675	5850	10100	15385	67160
Aug-24	0	3500	0	52805	7450	3800	14565	82120
2024-25 (Upto August 2024)	150	25700	2300	256630	38295	40625	51370	415070

TABLE 127: CD ISSUANCE - RATING ANALYSIS

Amount ₹ Crore

Period	A1+	A1	A2+	A2	A3+	A3	A4+	Total
2018-19	-	-	-	-	-	-	-	-
2019-20	379950	1125	-	7200	500	10190	-	398965
2020-21	134430	1300	8150	3150	-	-	-	147030
2021-22	281785	6710	500	1250	0	0	0	290245
2022-23	739752	1900	0	0	0	0	0	741652
2023-24	946074	0	0	0	0	0	0	946074
Apr-24	32860	0	0	0	0	0	0	32860
May-24	84105	0	0	0	0	0	0	84105
Jun-24	148825	0	0	0	0	0	0	148825
Jul-24	67160	0	0	0	0	0	0	67160
Aug-24	81320	800	0	0	0	0	0	82120
2024-25 (Upto August 2024)	414270	800	0	0	0	0	0	415070

TABLE 128: CP ISSUANCE - TENOR-WISE ANALYSIS

Amount ₹ Crore

Period	14 Days	1 Month	2 Months	3 Months	6 Months	9 Months	12 Months	Total
2018-19	203034	288883	841929	1094747	134186	20560	68996	2652334
2019-20	245927	296669	593562	861766	88713	19747	96876	2203259
2020-21	386064	182045	164262	762519	108119	38689	99774	1741472
2021-22	708836	217999	143967	690237	129439	41061	88095	2019635
2022-23	28885	130569	209338	754490	105316	24274	117173	1370044
2023-24	44923	83162	99566	928143	60754	19985	101626	1338160
Apr-24	113	6590	15857	44483	8386	3610	5032	84070
May-24	2243	6795	4796	106457	3741	6015	3898	133943
Jun-24	1395	15632	3195	126208	9714	2385	4416	162945
Jul-24	1825	9129	19417	54217	7716	4840	8274	105419
Aug-24	7260	16559	10257	96709	6224	1141	4046	142196
2024-25 (Upto August 2024)	12836	54705	53521	428073	35781	17990	25666	628573

TABLE 129: CP ISSUANCE - RATING ANALYSIS

Amount ₹ Crore

Period	A1+	A1	A2+	A2	A3+	A3	A4+	Total
2018-19	2632684	11551	7560	259	5	201	75	2652334
2019-20	2188827	4044	9883	84	55	165	200	2203259
2020-21	1738771	2134	43	113	131	181	100	1741472
2021-22	2016360	1989	185	644	150	306	0	2019635
2022-23	1257682	14588	24005	54338	11557	1698	6177	1370044
2023-24	1355992	3594	168	1766	590	268	0	1362378
Apr-24	83427	438	0	115	52	38	0	84070
May-24	133304	347	0	70	2	221	0	133943
Jun-24	161839	574	25	460	14	28	5	162945
Jul-24	104726	566	25	100	2	0	0	105419
Aug-24	141228	463	315	165	24	1	0	142196
2024-25 (Upto August 2024)	624525	2388	365	910	93	288	5	628573

## SECONDARY MARKET

Date	CDs		CPs		Repo in Corporate Bonds, CPs and CDs	
	Trades	Value	Trades	Value	Trades	Value
1-Aug-24	42	4150	34	2025	7	728
2-Aug-24	58	5940	24	2785	6	738
5-Aug-24	66	7020	29	2390	9	738
6-Aug-24	69	6600	56	6530	11	853
7-Aug-24	62	6270	37	3205	9	973
8-Aug-24	46	4770	39	2365	13	1145
9-Aug-24	41	3635	52	5165	8	798
12-Aug-24	30	2655	30	2765	9	1088
13-Aug-24	89	9765	50	6210	26	2870
14-Aug-24	49	2920	44	3830	14	1418
16-Aug-24	40	3750	30	3074	12	1088
19-Aug-24	65	6780	22	2065	11	1278
20-Aug-24	34	4570	38	3765	21	1531
21-Aug-24	69	6105	29	3395	9	898
22-Aug-24	53	6275	69	8110	11	1088
23-Aug-24	47	5250	53	5385	11	1038
26-Aug-24	49	4550	36	2900	13	1178
27-Aug-24	43	2695	40	3825	11	1278
28-Aug-24	49	4380	54	4155	11	980
29-Aug-24	74	5285	41	4344	9	1038
30-Aug-24	58	4330	43	3630	9	863
<b>Total</b>	<b>1133</b>	<b>107695</b>	<b>850</b>	<b>81918</b>	<b>240</b>	<b>23607</b>
<b>Average</b>	<b>54</b>	<b>5128</b>	<b>40</b>	<b>3901</b>	<b>11</b>	<b>1124</b>

TABLE 131: HISTORICAL SUMMARY - CDs, CPs and REPO IN CORPORATE BOND, CPs and CDs Amount ₹ Crore

Period	CDs				CPs			Repo in Corporate Bonds, CPs and CDs		
	Trades	Value	Average Value	Weighted avg yield (%)	Trades	Value	Average Value	Trades	Value	Average Value
2012-13	39624	1833097	13283	8.8774	10831	586796	4252	33	723	5
2013-14	34228	1698860	7020	8.9368	9223	553702	2288	25	1962	8
2014-15	28958	1560787	6586	8.5662	11687	741289	3128	64	2015	9
2015-16	22454	1272810	5281	7.6574	14531	904256	3741	177	8378	32
2016-17	16018	979117	4063	6.6882	15866	1147138	4760	657	16799	70
2017-18	11365	879428	3649	6.4802	17144	1288702	5347	1207	23014	95
2018-19	14729	1128276	4662	7.1063	19480	1499836	6199	1821	119850	495
2019-20	12797	927912	3834	6.0796	10048	940212	3885	1179	149336	617
2020-21	2791	178672	732	3.7825	4025	394473	1617	999	182396	748
2021-22	2164	160267	665	3.8785	3999	406189	1685	1845	263462	1093
2022-23	7166	531963	2180	6.3113	4773	460180	1886	1212	127211	521
2023-24	10789	940420	6766	7.1357	7189	699636	5033	1306	109063	785
Apr-24	980	89099	4950	7.1380	460	46503	2584	234	15221	846
May-24	1187	121241	6062	7.0493	792	78720	3936	266	20116	1006
Jun-24	963	92657	4877	6.9780	569	63380	3336	169	16927	891
Jul-24	991	81465	3703	7.0868	603	59115	2687	196	18720	851
Aug-24	1133	107695	5128	7.0332	850	81918	3901	240	23607	1124
2024-25 (Upto August 2024)	5254	492157	2059	7.0546	3274	329636	1379	1105	94591	396

TABLE 132: CERTIFICATE OF DEPOSIT - TENORWISE TRADING ANALYSIS

Residual Maturity (Months)	Trades	Traded Amount (₹ Crore)	WAY (%)
1	381	58435	6.8017
2	141	14200	7.0758
3	100	5255	7.1875
4	121	6680	7.3386
5	74	5165	7.3961
6	80	4295	7.4719
7	127	7325	7.4606
8	39	2590	7.4626
9	8	375	7.5219
10	17	1125	7.5704
11	20	1150	7.6040
12	25	1100	7.6036
<b>Total</b>	<b>1133</b>	<b>107695</b>	<b>7.0332</b>

## Milestones

- **April 30, 2001** - Company incorporated.
- **February 15, 2002** - Commenced clearing and settlement of market trades in Government Securities co-terminus with operationalisation of Reserve Bank of India's Negotiated Dealing System (NDS).
- **April 10, 2002** - Extended facility of guaranteed settlement for trades in Government Securities.
- **November 8, 2002** - Commenced guaranteed settlement of inter-bank foreign exchange Spot trades in INR/USD and Forward Trades on Spot Window.
- **January 20, 2003** - Launched new Money Market Instrument - "Collateralised Borrowing and Lending Obligation" (CBLO) a repo variant with several unique features for NDS Members.
- **February 15, 2003** - Commenced publication of Zero Coupon Yield Curve on Website.
- **April 1, 2003** - All trades in the securities settlement routed through CCIL.
- **June 4, 2003** - Set up a wholly owned Subsidiary Company - Clearcorp Dealing Systems (India) Pvt. Ltd. to manage dealing platforms in Money and Currency Markets.
- **August 7, 2003** - Launched Electronic Currency Dealing Platform "FX Clear" to facilitate inter-bank foreign exchange dealing.
- **April 2, 2004** - Commenced net settlements in Government Securities as per DVP III Guidelines of Reserve Bank of India.
- **June 15, 2004** - Operationalised "Straight Through Processing" arrangement for settlement of foreign exchange trades done on Fx Clear.
- **April 6, 2005** - Commenced settlement of cross currency transactions through CLS.
- **August 1, 2005** - Launch of Negotiated Dealing System-Order Matching Segment (NDS-OM).
- **August 16, 2005** - CBLOi (Internet Trading System for Non-NDS Members) commenced operations.
- **July 31, 2006** - Version-2 of the NDS-OM trading platform launched, enabling trading in Treasury Bill and the When Issued market
- **August 2006** - CCIL receives ISO/IEC 27001:2005 certification for securing its information assets.
- **September 4, 2006** - CCIL launched its eNotice System available to all members for sending their collateral notices in electronics form.
- **September 18, 2006** - Launch of NDS-CALL, an electronic screen-based quote driven dealing system for all Call, Notice and Term Money operations was launched.
- **January 3, 2007** - NDS Auction module went live to facilitate bidding in primary Treasury Bill auctions.
- **August 30, 2007** - Launch of CCIL's reporting platform for the transactions in OTC Interest Rate Derivatives (Interest Rate Swaps and Forward Rate Agreements (IRS/FRA) became operational.
- **May 12, 2008** - Rupee settlement at RBI commenced through RTGS (MNSB) for Forex, CBLO and ATM segments.
- **June 26, 2008** - Launch of Designated Settlement Bank (DSB) module, following RBI's decision to offer current account at DAD only for entities regulated by them.



- **November 27, 2008** - CCIL commenced Non-Guaranteed Settlement of OTC Trades in Rupee Derivatives through RTGS (MNSB).
- **January 27, 2009** - Launch of Clearcorp launched 'Clearcorp Repo Order Matching System' (CROMS), a STP enabled electronic anonymous order matching platform to facilitate dealing in market repos in government securities.
- **February 11, 2009** - CCIL became the first organization to be granted authorisation by the Reserve Bank of India under "The Payment & Settlement Systems Act-2007".
- **December 1, 2009** - CCIL commenced the settlement of forex forward trades with guarantee from the trade date.
- **May 31, 2010** - Launch of FX-SWAP Dealing System.
- **September 4-9, 2010** - CCIL successfully conducted the "Live Operations" of all its business its applications from DR Pune data center validating its infrastructure capabilities and different disaster scenarios.
- **May 28, 2011** - Kurla location became operational.
- **June 27, 2011** - Launch of CCIL's new web portal.
- **July 28, 2011** - CCIL successfully carried out a Portfolio Compression exercise in the OTC Interest Rate Swaps market.
- **December 1, 2011** - Credit Default Swaps (CDS) for Corporate Bonds started, with CDS trade reporting on CCIL's Online Reporting Engines (CORE).
- **December 1, 2011** - Launch of F-TRAC, for reporting deals in Corporate bonds, Corporate bond Repo and CDs/CPs.
- **June 14, 2012** - The settlement MNSB files for CCIL's Derivatives, Forex, CBLO and Securities Segment migrated to Core Banking Solution (CBS) of RBI from RTGS.
- **June 29, 2012** - Web-based NDS-OM module for online trading in secondary market for Government Securities by gilt account holders (GAH) was launched.
- **July 9, 2012** - Launch of the Trade Repository service for OTC Foreign Exchange Derivatives.
- **October 29, 2012** - Migration of Securities Settlement to CBS.
- **November 5, 2012** - Launch of the Phase II of the Reporting Platform for Inter-bank OTC Forex Derivatives.
- **April 2, 2013** - Phase III of the Forex Trade Repository launched with the reporting of FCY-FCY and FCY-INR Forwards and FCY-FCY and FCY-INR Options between Authorised Dealers and their Clients.
- **December 30, 2013** - CCIL successfully launched the Phase IV of the Forex Trade Repository with reporting of Interbank and Client transactions in Currency Swaps and FCY Interest Rate Swaps and Forward Rate Agreements.
- **January 1, 2014** - Reserve Bank of India granted the status of a Qualified Central Counterparty (QCCP) to CCIL.
- **January 6, 2014** - RBI selected CCIL to act as a Local Operating Unit (LOU) for issuing



- globally compatible Legal Entity Identifiers (LEIs) in India.
- **March 28, 2014** - Launch of CCP Clearing of Rupee denominated Interest Rate Swaps and Forward Rate Agreements.
  - **November 18, 2014** - CCIL launched its services as a Local Operating Unit (LOU) for issuing globally compatible Legal Entity Identifiers (LEIs) in India.
  - **March 26, 2015** - Portfolio compression cycle carried out for cleared forward INR/USD trades.
  - **April 6, 2015** - Payment-versus-payment (PvP) mode of settlement launched in the Forex Settlement Segment, resulting in substantial reduction of risk for members.
  - **April 6, 2015** - New version of FX-CLEAR and FX-SWAP Platform launched with CCIL as counter-party from point of trade concluded in Order Matching Mode, allowing members to trade on these platforms without any bilateral limits with various counter-parties.
  - **April 13, 2015** - CCIL started disseminating data on USD-INR forwards and USD-INR Currency Options.
  - **April 22, 2015** - CCIL LOU was endorsed by ROC (Regulatory Oversight Committee).
  - **July 22, 2015** - Launch of FBIL Overnight MIBOR, with CCIL as the Calculation Agent.
  - **August 3, 2015** - Launch of ASTROID, the Anonymous IRS Dealing System for trading in OTC rupee derivative trades.
  - **September 23, 2015** - Launch of FBIL Term MIBOR, with CCIL as the Calculation Agent.
  - **May 5, 2016** - Launch of FBIL FC-Rupee Options Volatility Matrix Rate, with CCIL as the Calculation Agent.
  - **December 21, 2016** - Legal Entity Identifier India Limited (LEIL), a wholly Owned Subsidiary of CCIL was accredited by the Global Legal Entity Identifier Foundation (GLEIF) as a Local Operating Unit (LOU) for issuance of Legal Entity Identifiers (LEIs), among the first LOUs to be accredited by GLEIF.
  - **March 29, 2017** - CCIL obtained recognition as a "third-country CCP" under the European Market Infrastructure Regulation ("EMIR"), consequent upon recognition of India as an equivalent regime by European Commission's decision dated December 15, 2016.
  - **June 01, 2017** - RBI mandated the implementation of the LEI system for all participants in the OTC markets for Rupee interest rate derivatives, foreign currency derivatives and credit derivatives in India.
  - **August 23, 2017** - Launch of "FBIL T-Bills Curve" and "FBIL CD Curve" with CCIL as the Calculation Agent.
  - **December 12, 2017** - Launch of FBIL MROR, Market Repo Overnight Rate, with CCIL as the Calculation Agent.
  - **April 3, 2018** - Launch of the FBIL Forward Premia Cure, FBIL MIFOR and FBIL MIBOR-OIS benchmark, with CCIL as the Calculation Agent.
  - **November 5, 2018** - CCIL launched Triparty Repo services and CCP clearing of Triparty repo transactions in government securities. Triparty repo trading operationalized on the Triparty

Repo Order Matching Platform of Clearcorp Dealing Systems (India) Ltd.

- **November 19, 2018** - Guaranteed settlement service commenced in respect of IRS trades referenced to the MIFOR benchmark.
- **March 11, 2019** - Implementation of the Voluntary Retention Route for FPIs and its monitoring at CCIL.
- **June 3, 2019** - CD primary market reporting commenced on F-TRAC.
- **August 5, 2019** - Clearcorp Dealing Systems India Limited launched the FX-Retail forex trading platform.
- **October 1, 2019** - Operationalization of F-TRAC as a CCIL Trade Repository.
- **October 25, 2019** - ETP license received for NDS-OM, CROMS, NDS-CALL, ASTROID, FX-CLEAR, FX-SWAP trading platforms.
- **February 15, 2020** - CROMS Web facilitating Direct Market Access for Gilt Account Holders to CROMS Order Book for Market Repos in Government Securities went live.
- **March 3, 2020** - Introduction of Tiered Membership structure in Securities Segment.
- **September 21, 2020** - Facility to book Forward Contracts on the FX-Retail Platform operationalized.
- **October 5, 2020** - Clearcorp introduced 'Request for Quote' (RFQ) dealing mode for secondary market trading in the NDS-OM Platform.
- **November 2, 2020** - Clearing Member Structure in the Rupee IRS Guaranteed Segment went live.
- **February 1, 2021** - Introduction of Clearing Member structure in Forex Forward segment.
- **June 15, 2021** - Launch of FBIL Adjusted MIFOR Curve (Fallback of FBIL MIFOR Curve) with CCIL as the Calculation Agent.
- **June 30, 2021** - Launch of FBIL Modified MIFOR Curve with CCIL as the Calculation Agent.
- **November 12, 2021** - Launch of the RBI Retail Direct Scheme - a one-stop solution to facilitate investment in Government Securities by Individual Investors.
- **November 29, 2021** - Launch of the new version of FX-Retail Platform with facility to Rollover and Early Deliver outstanding Forward Contracts.
- **November 7, 2022** - Launch of the new version of FX-Clear platform enabling members to trade in the FBIL USD/INR Reference Rate (R-Spot)
- **May 2, 2023** - CCIL launched the "SARVAM" platform to provide Valuation, Margining, collateral management and risk analytics services for non-centrally cleared derivatives.
- **April 3, 2023** - CCIL commenced guaranteed settlement to all the trades referenced to the Modified MIFOR benchmark.
- **March 18, 2024** - Go-live of FX-Clear new version (post merger with FX-Swap platform) w.e.f. March 18, 2024.

## KEY PERSONNEL/HODs

Name	Designation and Department	Phone No.
Mr. Hare Krishna Jena	Managing Director	61546511
Mr. Deepak Chande	Chief Financial Officer	61546561
Mr. Kausick Saha	Chief Risk Officer	61546441
Mr. Kamal Singhania	Senior Vice President, Forex	61546320
Mr. Praveen Mata	Senior Vice President, Information Technology	61546213
Mr. Arun Kumar Pandey	Senior Vice President, Derivatives	61546470
Mr. K. B. Biju	Senior Vice President, Product Development	61546365
Mr. Venkatesh Ramaswamy	Senior Vice President, Information Technology	61546211
Dr. Vardhana Pawaskar	Senior Vice President, Research, Surveillance, Membership	61546589
Mr. Rajesh Salunkhe	Vice President, Product Development	61546348
Mr. Santosh Bhalariao	Vice President, Information Technology	61546214
Ms. Ipsita Saha	Vice President, Human Resources and Admin	61546519
Mr. Pankaj Shrivastava	Company Secretary & Compliance Officer	61546548
Mr. Nandan Pradhan	Vice President, Risk Management	61546422
Mr. Dinesh Phogat	Chief Information Security Officer	61546445
Mr. Durgesh Srivastava	Vice President, Forex Settlement	-
Mr. Ravi Prakash Garg	Vice President, Finance & Accounts	-
Mr. Amol Pradhan	Deputy Vice President, Collateral & Funds Management	61546482
Mr. S.T.P. Venugopal	Deputy Vice President, Risk Management	61546413
Mr. S. Ramesh	Deputy Vice President, Product Development	61546333
Mr. Anoop Warriar	Deputy Vice President, Product Development	61546346
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Mr. Dipti Kale	Deputy Vice President, Risk Management	61546430
Mr. Mukesh Kumar	Deputy Vice President, Operations - Fixed Income and Money Market	-
Mr. Mandar Mainkar	Associate Vice President, Administration and Premises	61546523
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Mr. Nirav Shah	Associate Vice President, FX-Clear	61546312
Ms. Moksha Shah	Associate Vice President, LEIL	61546636
Mr. Bhaskar Jaiswal	Associate Vice President, Derivatives	61546472
Mr. Sunil Bohra	Associate Vice President, NDS Operations	61546334
Mr. Pragnesh Makhwana	Associate Vice President, Finance & Accounts	61546564
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Valuable feedback & suggestions are welcome at [research@ccilindia.co.in](mailto:research@ccilindia.co.in)

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