



## **Executive Summary**



India's economy remains resilient amid rising global uncertainty reflecting in record high gold prices and elevated US yields. Robust core infrastructure with record high cement, steel, and coal output reflect strong housing and energy demand. Strong logistics movement seen in record ports cargo, peak air freight, and all-time high road toll collections as goods imports surge in March, despite weakening automobile demand amid a resilient rural economy. Domestic investors cushion moderate foreign portfolio inflows with steady FDI in FY2025. Easing inflation, particularly in food, enabling rate cuts with expectations for further monetary easing. Improved banking liquidity has lowered short-term yields, while recent rupee appreciation mirrors broader dollar weakness amid global volatility

## February - March 2025

#### Growth

Steady 6.2% GDP growth in Q3FY25 led by consumption and government spending. March industrial output driven by record cement (12%), steel (7%), and coal (2%) production.

Lower housing inventory in Q3FY25.

Power generation grew steadily at 7%, with renewables contributing 15%. Strong economic momentum seen in record toll collections (INR 56 bn), e-way bills (20%), and composite PMI at 59.2, outpacing major economies

### Trade

Goods trade deficit widened to USD 22 billion, driven by non-oil imports, while services surplus strengthened to USD 18 billion in March. Robust services trade surplus of 5.1% of GDP improves current account deficit to 1.1% of GDP in Q3FY25. Ports cargo hit a record 84 MMT, up 13%, amid falling container freight rates, while rail freight contracted 3.0% in February. Air cargo reached a peak of 342k tonnes in March

#### **Demand**

Energy demand surged with power growth (7%) and record petrol consumption (3.5MMT) alongside robust air travel (~15M pax). While PVs remained steady, weak demand for CV, 2W, 3W and tractors. Rural resilience through fertiliser uptake and rising reservoir levels. Record 80.8 credit-to-deposit ratio as credit (11%) outpaces deposits (10%), with UPI transactions crossing USD 3 trillion while cash grows at 6%

### **Foreign Exchange**

INR weakened 5% and 7% against the euro and yen over the last one and three months respectively. Though recent dollar softening brought 0.2-0.8% INR appreciation. Forward markets signal ~2% depreciation a year ahead. Healthy forex reserves of USD 650+ billion provide sufficient 9 month import cover

### Inflation

Lower food and energy prices drive retail inflation to a 19-month low of 3.3% yoy, and wholesale inflation to 2.0% in March. Repo rate cut by a cumulative 50bps so far to 6% - markets expecting another 50bps reduction. Gold reaches new highs (USD 3,277 per troy oz) as oil (USD 67 per bbl) and copper (USD 9,376 per tonne) retreat, as of April 25, amid global uncertainty

### Investments

FPIs return to the Indian market in March, though moderate INR 200 billion net FPI flows in FY2025 offset by record high INR 6 trillion DII investments. Steady USD 75 billion gross FDI inflows in FYTD2025 (till February) offset increased repatriation and outward FDI. Category III AIFs lead ~INR 258 billion fund raising, while record INR 568 billion net investments led by category II and III

#### **Markets**

Improved banking liquidity (0.5% of NDTL), as of April 25, drives 3-month yields down 60 bps to 5.9% in a month. India-US 10-year G-sec spread narrows to a 20-year low amid elevated US yields. Global uncertainty post US tariffs reflected in negative Swiss 2-year yields and moderation in global equity market returns. Indian equities generated 5% TTM returns amid increasing market volatility (VIX: 17.2)

### **Fiscal**

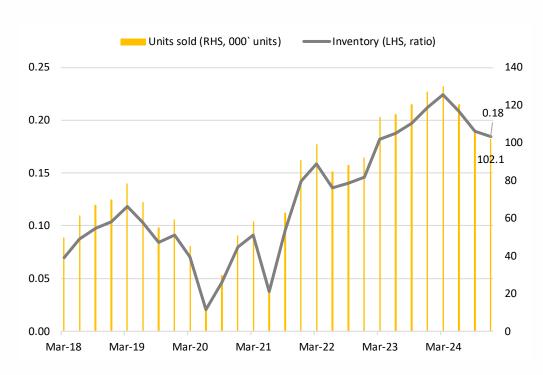
GST collections remain strong at ~INR 2 trillion in March, accounting a steady 6.8% of GDP in FY2025. Gross tax collections up 10.9% through February, tracking nominal GDP projection. Fiscal deficit reaches 85.8% of revised target in FYTD2025 (till February), down 10% yoy, as capex records moderate 0.8% growth



## **Key charts**

## Housing inventory across top eight cities at a multi-year low

Quarterly residential housing sales in top 8 cities, FY2019-FY2025 (Dec '24)



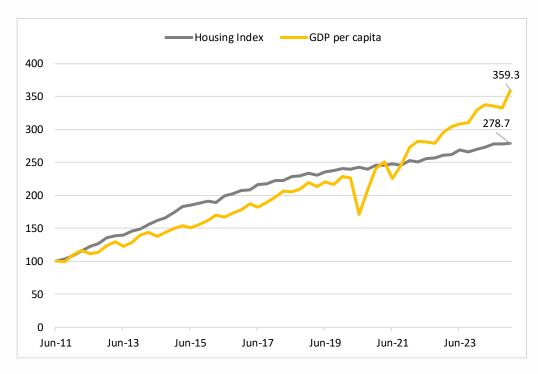
Source: Thurro, Anarock, NIIF Research

#### Note:

1. Inventory is the ratio of sold units to unsold units

### Income growth now faster than real estate prices

Quarterly RBI House Price and GDP per capita index (X), FY2012- FY2025 (Dec '24)



Source: CEIC, RBI, NIIF Research

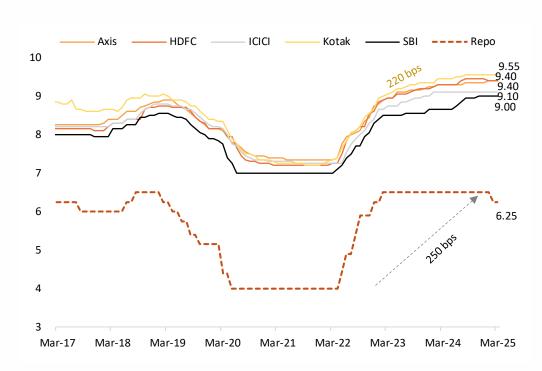
- 1. RBI compiles quarterly house price index (HPI) for ten major cities viz., Mumbai, Delhi, Chennai, Kolkata, Bengaluru, Lucknow, Ahmedabad, Jaipur, Kanpur and Kochi. These indices are based on the official data of property price transactions collected from registration authorities of respective state governments. Based on these city indices, an average HPI representing all-India house price movement is also compiled.
- 2. Base period taken for both indices as June 2011 = 100



## **Key charts**

### Major banks maintain MCLR at the same level in March

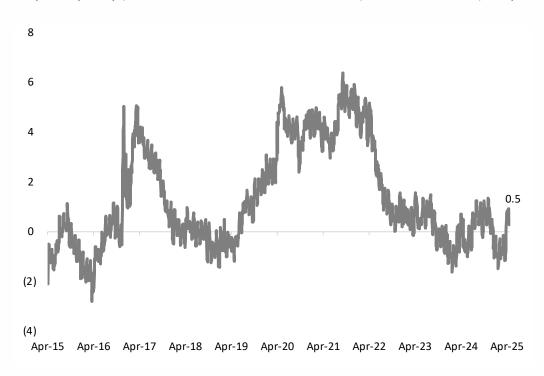
Monthly 1-year marginal cost of fund-based lending rate (%), FY2017-FY2025 (Mar '25)



Source: CEIC, NIIF Research

### Banking system liquidity moves back to surplus

Surplus liquidity (% of net demand and time liabilities), FY2016-FY2026 (25 Apr '25)



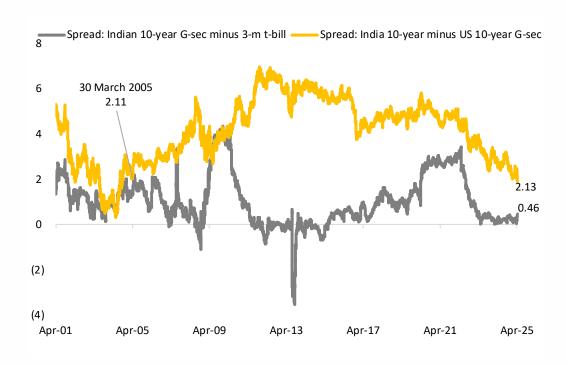
Source: Bloomberg, CEIC, NIIF Research

- 1. Liquidity operations by RBI include repo, term-repo, long-term repo operations, open market operations, marginal standing facility, and standing liquidity facilities
- 2. A positive number indicates liquidity surplus, and a negative number indicates a liquidity deficit



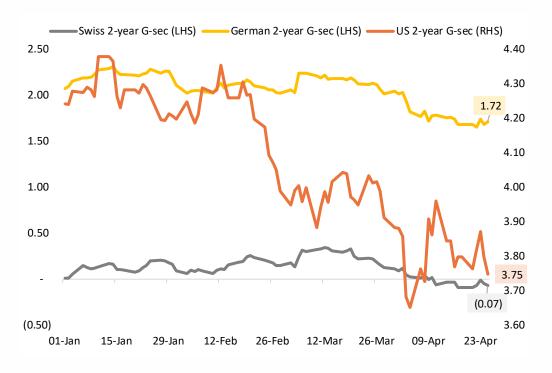
## **Key charts**

# India-US 10Y spread at a 20-year low; local yield curve steepens Daily India and US G-sec yields (%), FY2000-FY2026 (25 Apr '25)



Source: Bloomberg, NIIF Research

# Swiss short-term yields turn negative following US tariff announcement Daily 2-year German, Swiss, and US G-sec yields (%), 1 Jan 2025 - 25 Apr 2025





# MONTHLY ECONOMIC REPORT ON INDIA APR 2025

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# MONTHLY ECONOMIC REPORT ON INDIA APR 2025

## **Macroeconomic indicators**

- Steady GDP and GVA growth of 6.2% in Q3FY25, driven by public spending (8.3%) and consumption (6.9%), and by services (7.4%) respectively. Record high cement (11.6%), steel (7.0%), and coal (1.6%) drive March's 3.0% industrial output. Housing inventory at a multi-year low across top eight cities as of December quarter
- Robust e-way bills, strong PMI and steady PV demand contrast with weakening in other automobile segments. Record high 80.8 credit-todeposit with credit growth (11%) outpacing deposit growth (10%) in March. UPI transactions hit record highs in March, crossing USD 3 trillion TTM, with steady 6% growth in cash demand
- Retail inflation moderates to a 19-month low of 3.3% while wholesale
  inflation remains moderate at 2.0% in March both primarily driven
  by lower food and energy prices. Rural activity improves with rising
  reservoir levels, fertiliser demand, while tractor demand weakens
- Gross tax collections up 10.9% through February, tracking nominal
   GDP projection. Fiscal deficit at 85.8% of revised target in FYTD2025
   (till February), down 10% yoy, with moderate 0.8% capex growth



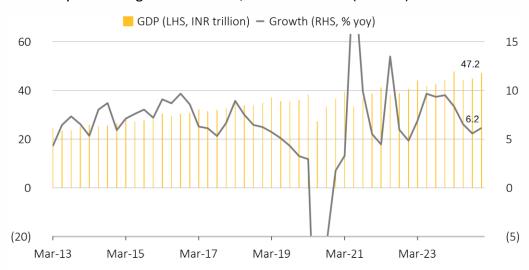
## Steady GDP and GVA growth momentum in Q3FY25



## Growth (1/3)

### Real GDP growth picks up to 6.2% in Q3FY25

Quarterly real GDP growth for India, FY2013-FY2025 (Dec '24)

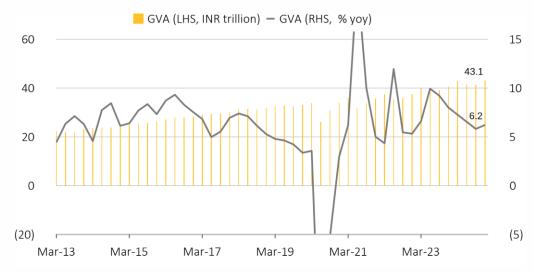


Source: Thurro, MoSPI, NIIF Research

Note: Real GDP growth is based on 2012 prices

### GVA growth also rose by 6.2% in Q3FY25

Quarterly real GVA growth (% yoy), FY2013-FY2025 (Dec '24)



Source: Thurro, MoSPI, NIIF Research

## Real Gross Domestic Product (GDP) at 6.2% yoy in Q3FY25 (Oct-Dec)

- Growth pace rose from 5.6% in Q2FY25, while lower compared to 9.5% in Q3FY24
- Nominal GDP expanded 9.9% yoy in Q3FY25, picking up from 8.3% in Q2FY25 and 12.9% in Q3FY24

## Real Gross Value Added (GVA) also grows at 6.2% in Q3FY25

- Supply side growth picks up pace from 5.8% in Q2FY25 though lower than 8.0% in Q3FY24
- National Statistics Office (NSO) estimates real GDP to grow by 6.5% in FY2025. RBI projects 6.5% growth in FY2026 (as of Apr 25), while the Economic Survey 2024-25 (Feb 2025) forecasts 6.3-6.8% growth.



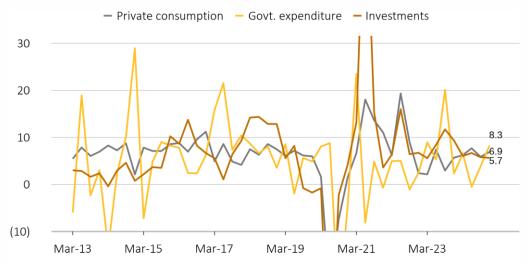
## Growth momentum driven by services, public spending and consumption in Q3FY25



## Growth (2/3)

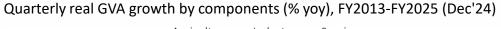
### Private consumption and government spending drive growth in Q3FY25

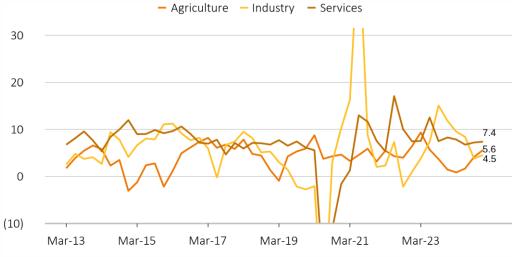
Quarterly real GDP growth by components (% yoy), FY2013-FY2025 (Dec '24)



Source: Thurro, MoSPI, NIIF Research

## Services sector leads GVA growth, expanding 7.4% in Q3FY25 Ouarterly real GVA growth by components (% yoy), EV2013-EV2025 (Dec'2)





Source: Thurro, MoSPI, NIIF Research

## Growth momentum picks up in Q3FY25 across private consumption, government spending while investments remain stable

- Private consumption growth improved to 6.9% in Q3FY25 compared to 5.9% in Q2FY25
- Government consumption growth improved to 8.3% in Q3FY25 compared to 3.8% in the previous quarter
- Growth in investment remained stable at 5.7% in Q3FY25 compared to previous quarter's 5.8%

## Services sector is the key driver of real GVA growth in Q3FY25, while growth across all supply-side sectors sequentially improve

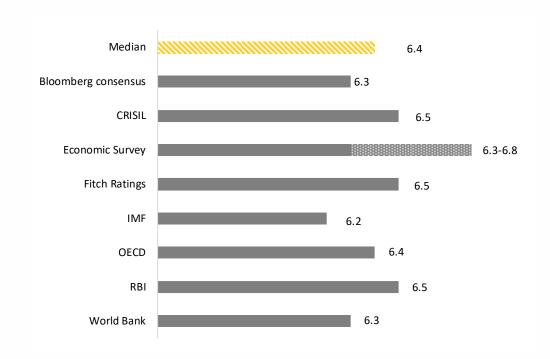
- Industrial GVA improved to 4.5% compared to 3.6% in Q2FY25: growth in mining revived to 1.4%; modest manufacturing growth of 3.5%; and electricity and utilities growth improved to 5.1%. Construction remained robust at 7.0%, albeit declining from 8.7% in the previous quarter
- Services GVA expanded to 7.4%, mainly driven by "Public Administration"
- Agriculture growth strengthened to 5.6% compared to 4.1% Q2FY25



## Growth (3/3)

### Key agencies project real GDP growth of 6.4% in FY2026

Projections for real GDP growth in FY2026 (% yoy), Mar '25 to Apr '25



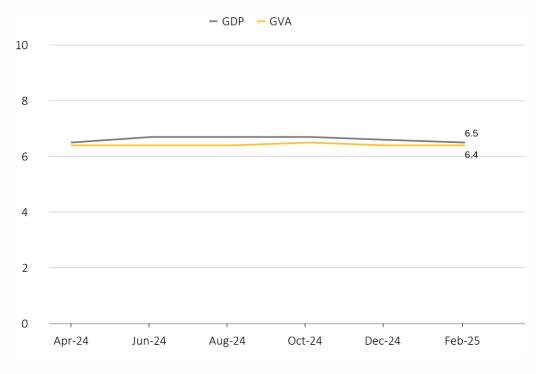
Source: CMIE, NIIF Research

#### Note:

- 1. Bloomberg consensus represents the median GDP projections from over 30 market analysts
- 2. Median calculation excludes Economic Survey estimates

### RBI survey estimates GDP growth of 6.5% in FY2026

Bi-monthly median real GDP projections for FY2026 by RBI (% yoy), (Feb '25)



Source: Thurro, RBI, NIIF Research

#### Note:

1. RBI's Professional Forecasters' Survey presents short to medium term economic development on GDP growth, among other macroeconomic indicators. In every round of survey, questionnaires are shared with 30 to 40 selected forecasters.

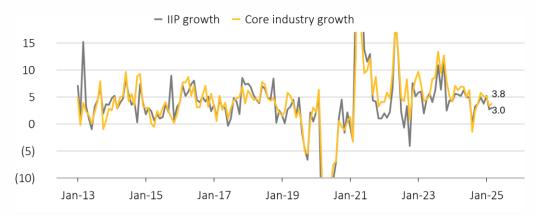
## Record high cement, steel, and coal drive March industrial output



### **Core sectors**

### Moderate core infra and industrial growth in March

IIP and output of eight core industries (% yoy), FY2013-FY2025 (Mar '25)

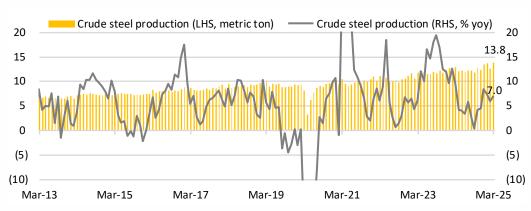


Source: Thurro, Office of the Economic Advisor, NIIF Research

Note: IIP growth for May '20 and Apr '21 not shown due to low base effect

## Steel production also at record highs of 13.8 MMT in March

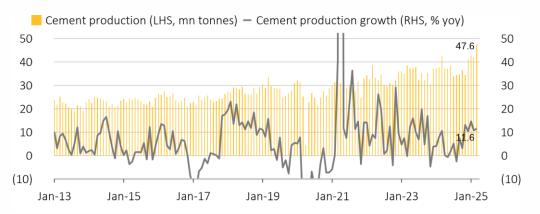
Monthly crude steel production, FY2013-FY2025 (Mar '25)



Source: CEIC, Ministry of Steel, JPC, NIIF Research

Note: Growth in steel production in Apr '21 not shown in the chart due to low base effect

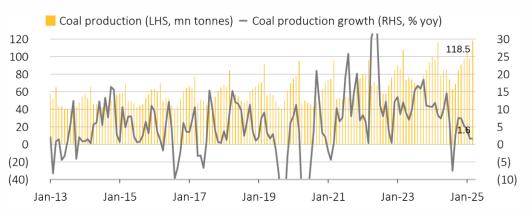
## Cement production at an all-time high in March, up 11.6% yoy Monthly cement production, FY2013-FY2025 (Mar '25)



Source: Thurro, EAI, NIIF Research

Note: Growth in cement production in Apr  $^{\prime}$ 21 not shown in the chart due to low base effect

# Coal production at a record high; muted yoy growth on a high base Monthly coal production, FY2013-FY2025 (Mar '25)



Source: Thurro, Ministry of Coal, NIIF Research



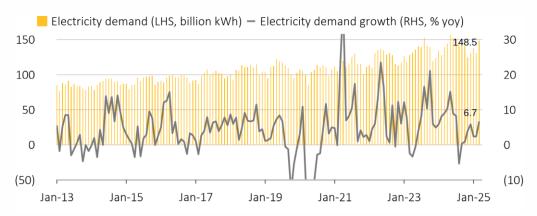
## Robust electricity demand, while petrol hits record as overall petroleum consumption declines



## **Energy and fuel**

### Electricity demand surges by 6.7% yoy in March

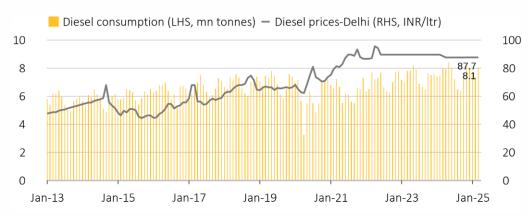
Monthly electricity demand in India, FY2013-FY2025 (Mar '25)



Source: Thurro, POSOCO, NIIF Research

### Diesel demand holds firms at 8.1 MMT

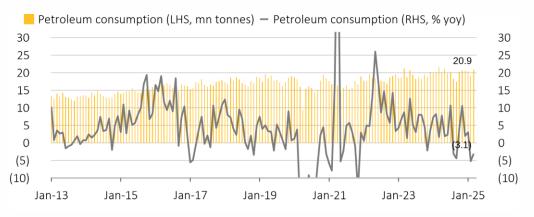
Monthly diesel consumption and prices, FY2013-FY2025 (Mar '25)



Source: Thurro, PPAC, NIIF Research

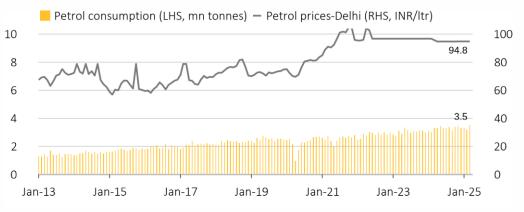
## Petroleum consumption declined by 3.1% in March

Monthly petroleum consumption in India, FY2013-FY2025 (Mar '25)



Source: Thurro, PPAC, NIIF Research

## Petrol consumption at a record high of 3.5 MMT, prices remain stable Monthly petrol consumption and prices, FY2013-FY2025 (Mar '25)

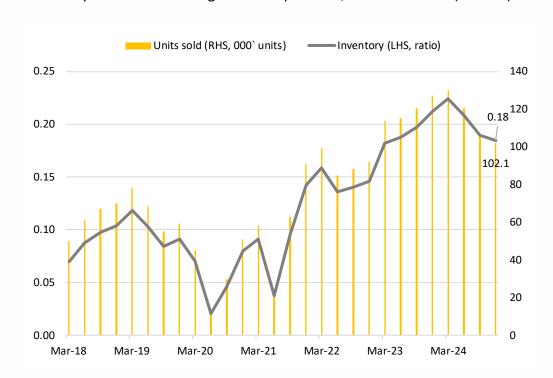


Source: Thurro, PPAC, NIIF Research



### **Real Estate**

### Housing inventory across top eight cities at a multi-year low Quarterly residential housing sales in top 8 cities, FY2019-FY2025 (Dec '24)



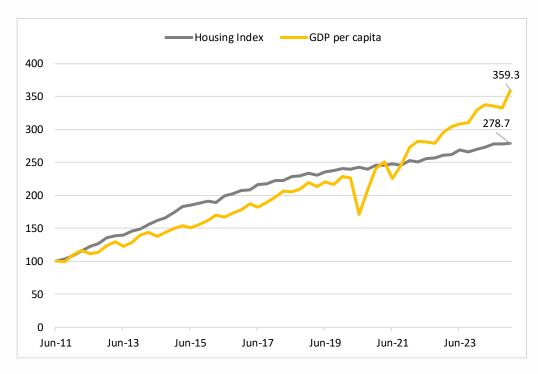
Source: Thurro, Anarock, NIIF Research

#### Note:

1. Inventory is the ratio of sold units to unsold units

### Income growth now faster than real estate prices

Quarterly RBI House Price and GDP per capita index (X), FY2012- FY2025 (Dec '24)



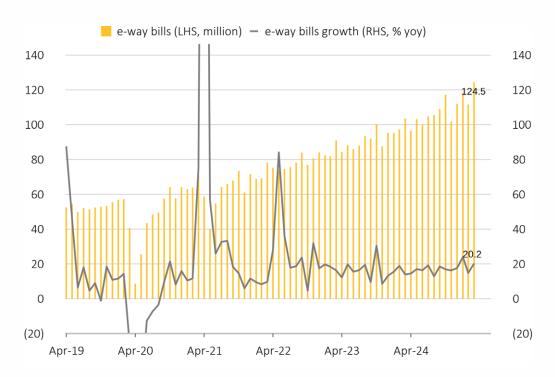
Source: CEIC, RBI, NIIF Research

- 1. RBI compiles quarterly house price index (HPI) for ten major cities viz., Mumbai, Delhi, Chennai, Kolkata, Bengaluru, Lucknow, Ahmedabad, Jaipur, Kanpur and Kochi. These indices are based on the official data of property price transactions collected from registration authorities of respective state governments. Based on these city indices, an average HPI representing all-India house price movement is also compiled.
- 2. Base period taken for both indices as June 2011 = 100



## **Activity levels**

# E-way bills generation at an all-time high in March, up ~20% yoy Monthly number of e-way bills, FY2020-FY2025 (Mar '25)

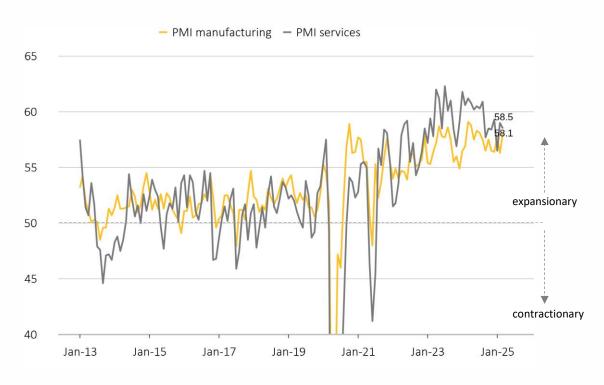


Source: Thurro, GSTN, NIIF Research

#### Note:

- 1. Includes all inter-state and intra-state e-way bills
- e-way bill is a document required to be carried by a person in charge of the conveyance carrying any consignment of goods of value exceeding INR 50,000 under the Goods and Services Tax Act

# Services and manufacturing PMI remain in deep expansionary zone Monthly India PMI manufacturing and services, FY2013-FY2025 (Mar '25)



Source: Thurro, S&P, NIIF Research

- 1. Purchase Managers Index (PMI) is based on a monthly survey of supply chain managers across 19 industries: a number above 50 indicates expansion and below 50 indicates contraction.
- 2. PMI for manufacturing and services dropped sharply between Apr '20 and Oct'20 due to impact of COVID-19



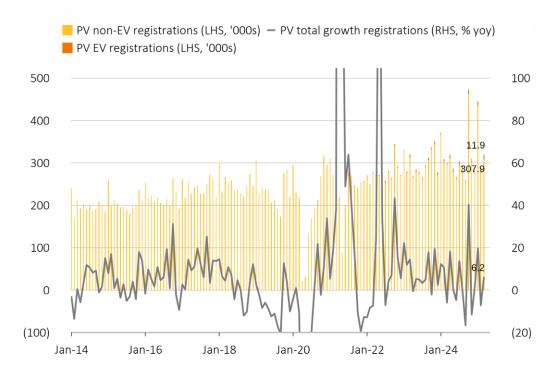
## Mixed vehicle registration trends: PV demand steady while CVs weaken in March



## Automobile sector (1/2)

### Stable growth in PV registrations in March, up 6.2% yoy

Monthly passenger vehicle (PV) registrations, FY2014-FY2025 (Mar '25)



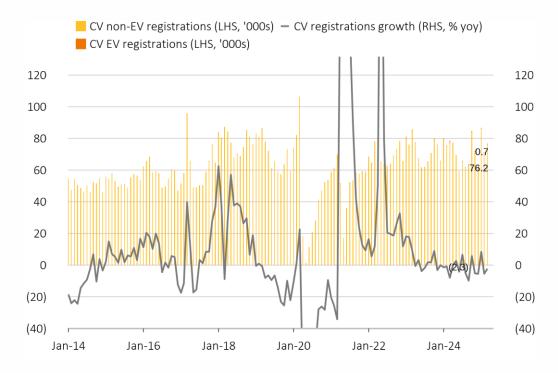
Source: Thurro, VAHAN (Excluding Telangana, Lakshadweep), NIIF Research

#### Note:

1. Growth in passenger vehicles registration not shown in Jun '21 due to low base effect

### Commercial vehicle registrations declined 2.3% yoy

Monthly commercial vehicle (CV) registrations, FY2014-FY2025 (Mar '25)



Source: Thurro, VAHAN (Excluding Telangana, Lakshadweep), NIIF Research

#### Note:

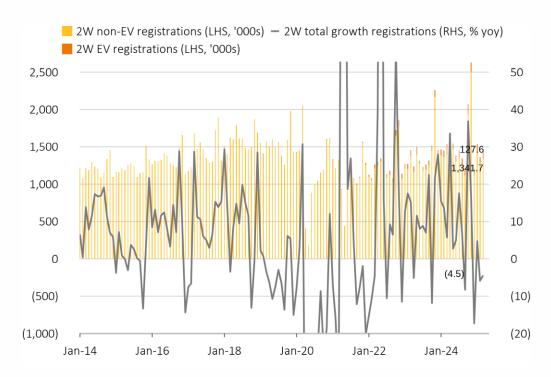
1. Low commercial vehicle registrations growth in Apr 20 and May '20, due to impact of Covid lockdown, not shown in the chart



## Automobile sector (2/2)

### 2W registrations fall by 4.5% yoy

Monthly two-wheeler (2W) registrations, FY2014-FY2025 (Mar '25)



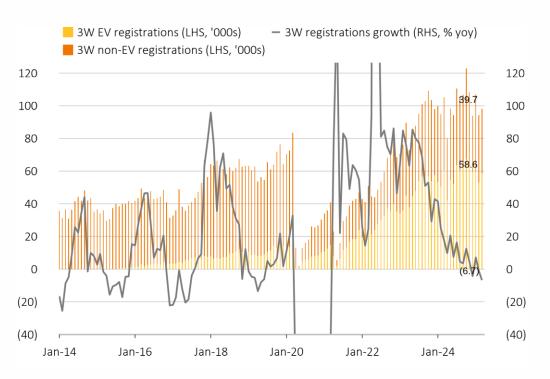
Source: Thurro, VAHAN (Excluding Telangana, Lakshadweep), NIIF Research

#### Note:

1. Low growth in two-wheeler registration for Apr '20 and May '20, due to the impact of Covid lockdown, not shown in the chart

### 3W registrations declined 6.7% yoy in March

Monthly three-wheeler (3W) registrations, FY2014-FY2025 (Mar '25)



Source: Thurro, VAHAN (Excluding Telangana, Lakshadweep), NIIF Research

#### Note:

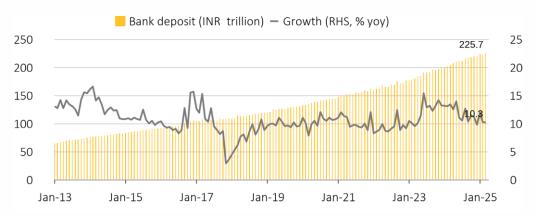
1. Growth in three-wheeler registrations for Apr '21 and May '21, and May '22 not depicted due to low base effect of Apr '20 and May '20, and May '21 respectively



## **Banks: credit and deposits**

### Total bank deposits growth slows to 10.3% in March

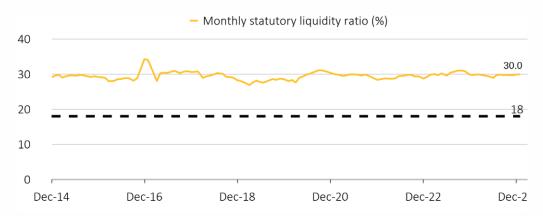
Monthly total bank deposits, FY2013-FY2025 (Mar '25)



Source: Thurro, RBI, NIIF Research

Note: Total deposits for scheduled commercial banks

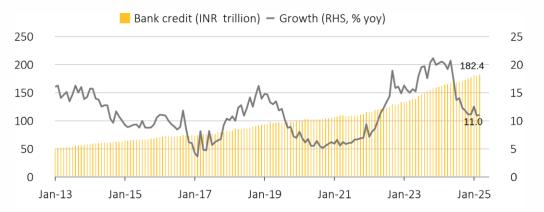
# Bank SLR holds steady at 30%; remaining above the required 18% Monthly statutory liquidity ratio (SLR) of banks, FY2015-FY2025 (Jan '25)



Source: Thurro, RBI, NIIF Research

Note: Banks are required to hold 18% of their net demand and time liabilities as SLR, depicted as the black dotted line above

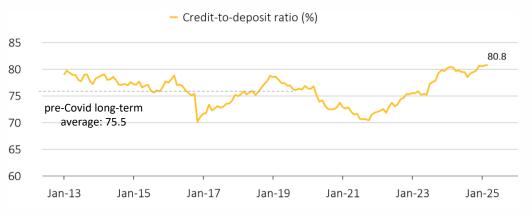
## Moderate credit growth of 11% in March due to RBI regulatory actions Monthly total credit outstanding, FY2013-FY2025 (Mar '25)



Source: Thurro, RBI, NIIF Research

Note: Outstanding credit for scheduled commercial banks (SCBs)

# Credit-deposit ratio of SCBs at an all-time high of 80.8 in March Monthly outstanding credit-deposit ratio with SCBs, FY2013-FY2025 (Mar '25)



Source: Thurro, RBI, NIIF Research

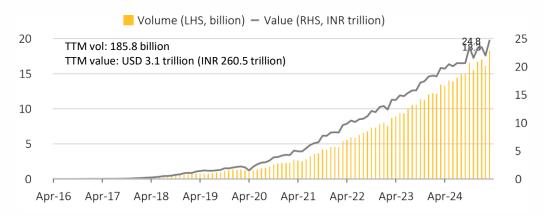


## Digital payments maintain momentum even as cash demand remains steady in March



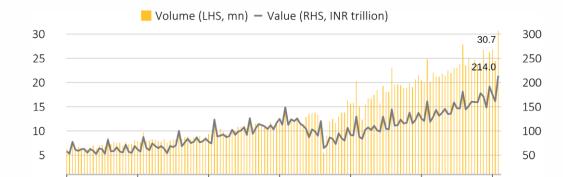
## **Currency and transactions**

# **UPI transactions soar to a record high in March, cross USD 3 trillion TTM** Unified Payment Interface (UPI), FY2017-FY2025 (Mar '25)



Source: Thurro, NPCI, NIIF Research Note: TTM: trailing twelve months

# Both value and volume of RTGS transaction hits peak in March RTGS transactions, FY2013-FY2025 (Mar '25)



Jan-19

Source: Thurro, RBI, NIIF Research

Jan-15

Jan-17

Jan-13

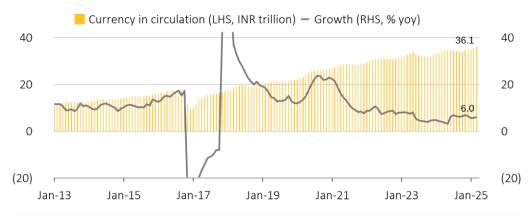
Note: RTGS stands for Real Time Gross Settlements, that enables payments from one bank to another for a minimum amount of INR 200,000

Jan-21

Jan-23

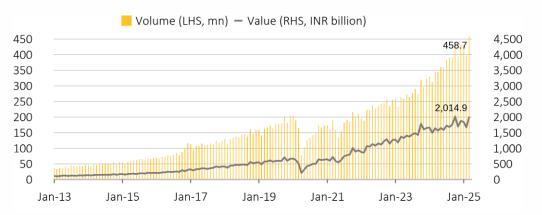
Jan-25

## Cash in circulation maintain 6% growth amidst high digital payments Currency in circulation, FY2013-FY2025 (Mar '25)



Source: Thurro, RBI, NIIF Research

## Credit card transactions value remain high at INR 2 trillion in March Credit card transactions, FY2013-FY2025 (Mar '25)



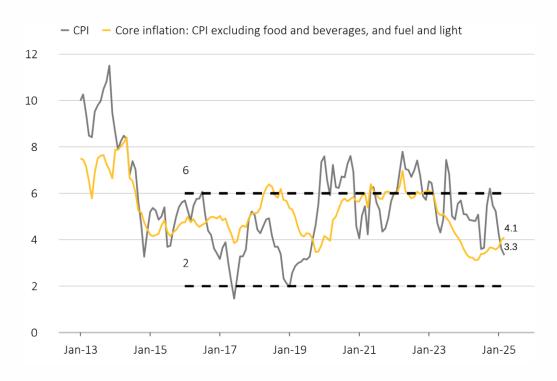
Source: Thurro, RBI, NIIF Research



### Inflation: India

### Consumer inflation moderates further to 3.3% in March

Monthly consumer price inflation (% yoy), FY2013-FY2025 (Mar '25)



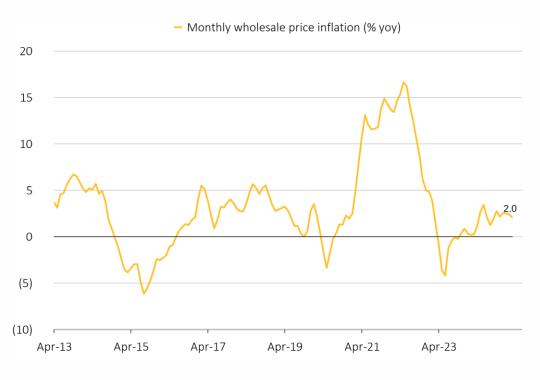
Source: Thurro, MoSPI, NIIF Research

#### Note:

 RBI in 2016 adopted flexible inflation target set at 4%, with 6% as upper bound and 2% as lower bound

### Wholesale inflation slows down to 2.0% in March

Monthly wholesale price inflation (% yoy), FY2014-FY2025 (Mar '25)



Source: Thurro, Ministry Of Commerce & Industry, NIIF Research



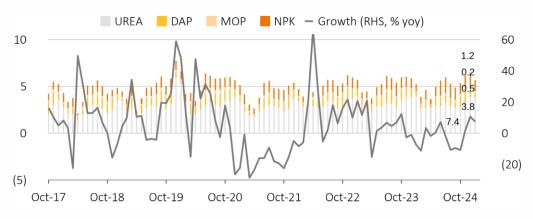
## Rural demand supported by fertilizer, rising reservoir level, sufficient food stock



### **Rural India**

### Steady growth in fertilizer sales up 7.4% in January

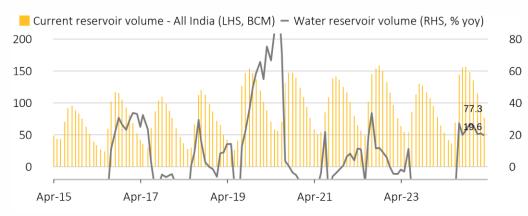
Monthly fertilizer sales, FY2018-FY2025 (Jan '25)



Source: Thurro, Department of Fertilizers, NIIF Research

## Rising reservoir levels, 19.6% higher than last year

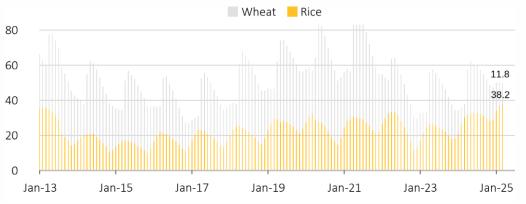
Monthly live water reservoir storage, FY2016-FY2025 (Mar '25)



Source: Thurro, CWC, NIIF Research

## Food grain closing stocks within required buffers in March

Monthly food grain stocks with FCI (million tonnes), FY2013-FY2025 (Mar '25)



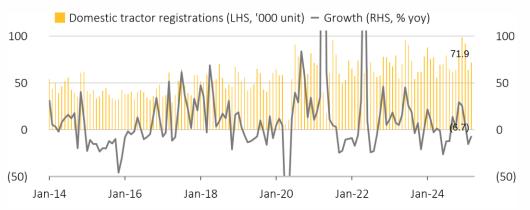
Source: Thurro, FCI, NIIF Research

Note: 1. Rice is excluding paddy

2. Buffer limit required as of Apr 1 for rice is 13.6 mn tons and for wheat is 7.5 mn tons

## Tractor registrations dipped year-on-year in March

Monthly domestic tractor registrations, FY2014-FY2025 (Mar '25)



Source: Thurro, VAHAN (Excluding Telangana, Lakshadweep), NIIF Research

Note: Growth in tractor sales in March '20 and April '21 not shown above due to base effects 20



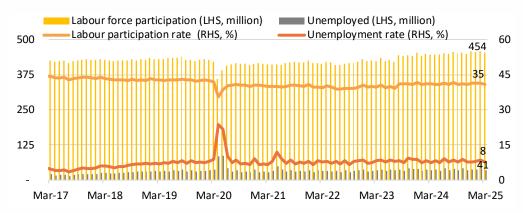
## Decline in all-India and rural unemployment rate, as per CMIE, signals positive momentum



## Employment – all-India and rural

## India's unemployment estimate declines to ~8%; 450+ mn labor force

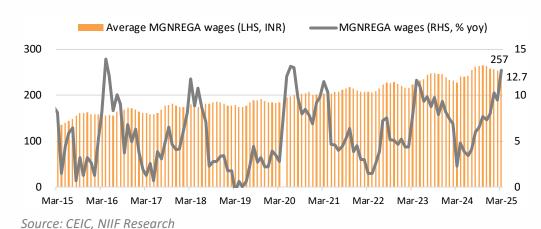
Monthly all-India labour participation and unemployment, FY2017-FY2025 (Mar '25)



Source: CMIE, NIIF Research

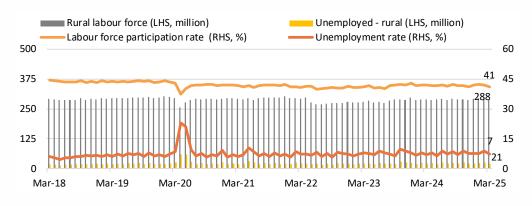
## Robust growth in MGNREGA wages in March

Daily average MGNREGA wages (INR), FY2015-FY2025 (Mar '25)



## Rural unemployment declines sequentially to 7% in March

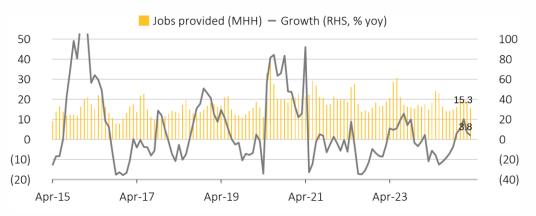
Monthly rural labour participation and unemployment, FY2019-FY2025 (Mar '25)



Source: CMIE, NIIF Research

## Subdued growth in MGNREGA employment in March

Monthly MGNREGA employment data, FY2016-FY2025 (Mar '25)



Source: Thurro, MNREGA, NIIF Research

Note: MHH is million households



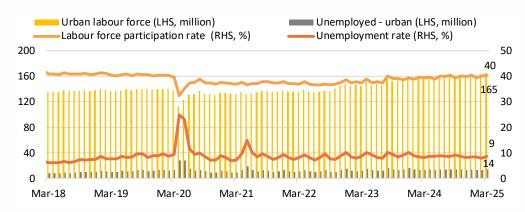
## Mixed trends in urban labour force: higher participation amid moderate corporate hiring



## **Employment - urban**

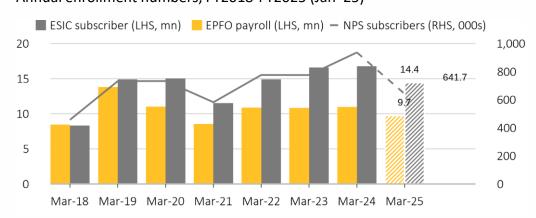
### CMIE's urban labor force estimate stable at ~40% in March

Monthly urban labour participation and unemployment, FY2019-FY2025 (Mar'25)



Source: CMIE, NIIF Research

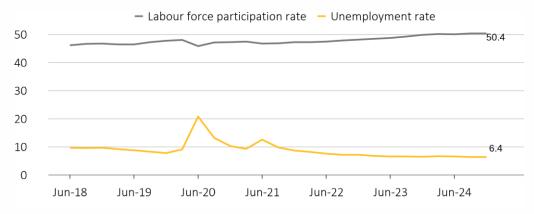
# Social security schemes see steady additions in FYTD2025 (till Jan) Annual enrollment numbers, FY2018-FY2025 (Jan '25)



Source: Thurro, EPFO, NIIF Research

## NSO's labour force estimate remains stable at 50.4% in Q3FY25

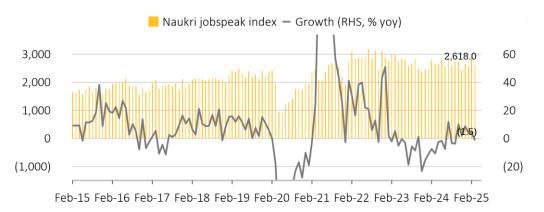
Quarterly Periodic Labor Force Survey (urban), FY2019-FY2025 (Dec '24)



Source: Thurro, MoSPI (Periodic Labour Force Survey), NIIF Research Note: The quarterly PLFS is conducted by NSSO only for the urban areas

## Muted growth in corporate hiring activity in March

Naukri jobspeak index, FY2015-FY2025 (Mar '25)



Source: Thurro, Naukri, NIIF Research

Note: Naukri Jobspeak Index is calculated based on job listings added Naukri.com on monthly 1000 (Naukri 2008)

basis. (July 2008 = 1000)



## Centre's fiscal tracking as per estimates in FYTD2025 (till Feb)



## Fiscal position (1/2)

Tax collections through February align with nominal GDP projections; moderate pace of expenditure keeps fiscal deficit lower on yoy basis Monthly snapshot of central government fiscal health (INR trillion), FY2024-FY2025 (Feb '25)

|       |   | FY2024   |      | FY2025   |   | % of RE    |            | % yoy  |
|-------|---|----------|------|----------|---|------------|------------|--------|
|       |   | February | YTD  | February | YTD                                     | YTD FY2024 | YTD FY2025 | ΔYTD   |
| 1     | Revenue receipts                            | (0.1)    | 22.1 | 1.4      | 25.1                                    | 81.9       | 81.2       | 13.5   |
| 1.1   | Gross tax revenue                           | 1.8      | 28.9 | 2.2      | 32.0                                    | 84.1       | 83.2       | 10.9   |
| 1.1.1 | Direct tax                                  | 0.6      | 15.7 | 0.9      | 17.6                                    | 80.5       | 78.6       | 12.4   |
| 1.1.2 | Indirect tax                                | 1.2      | 13.2 | 1.3      | 14.5                                    | 89.3       | 90.0       | 9.1    |
| 2     | Capital receipts (non-debt)                 | 0.0      | 0.4  | 0.1      | 0.4                                     | 64.5       | 63.3       | 3.4    |
| 2.1   | Net recovery of loans and advances          | 0.0      | 0.2  | 0.0      | 0.2                                     | 90.3       | 83.3       | (7.8)  |
| 2.2   | Miscellaneous receipts                      | 0.0      | 0.1  | 0.1      | 0.2                                     | 42.2       | 47.6       | 24.1   |
| 3     | Total (non-debt) receipts (1 + 2)           | (0.1)    | 22.5 | 1.5      | 25.5                                    | 81.5       | 80.9       | 13.4   |
| 4     | Revenue expenditure                         | 3.1      | 29.4 | 2.7      | 30.8                                    | 83.1       | 83.3       | 4.7    |
| 4.1   | Interest payment                            | 0.6      | 8.8  | 0.8      | 9.5                                     | 83.5       | 83.7       | 8.2    |
| 5     | Capital expenditure                         | 0.8      | 8.1  | 0.5      | 8.1                                     | 84.8       | 79.7       | 0.8    |
| 6     | Total expenditure (4 + 5)                   | 3.9      | 37.5 | 3.2      | 38.9                                    | 83.4       | 82.5       | 3.9    |
| 7     | Revenue deficit (4 - 1)                     | 3.2      | 7.3  | 1.3      | 5.7                                     | 87.1       | 93.8       | (21.8) |
| 8     | Fiscal deficit (6 - 3)                      | 4.0      | 15.0 | 1.8      | 13.5                                    | 86.5       | 85.8       | (10.3) |
| 9     | Annual Nominal Gross Domestic Product (GDP) | 301.2    |      | 331.0    | 000000000000000000000000000000000000000 |            |            |        |

Source: CEIC, NIIF Research

<sup>1.</sup> FY2025 is the period between April 2024 and March 2025, similarly for other years

YTD refers to financial year to date, i.e., from April onwards
 RE is the revised estimate for the stated financial year

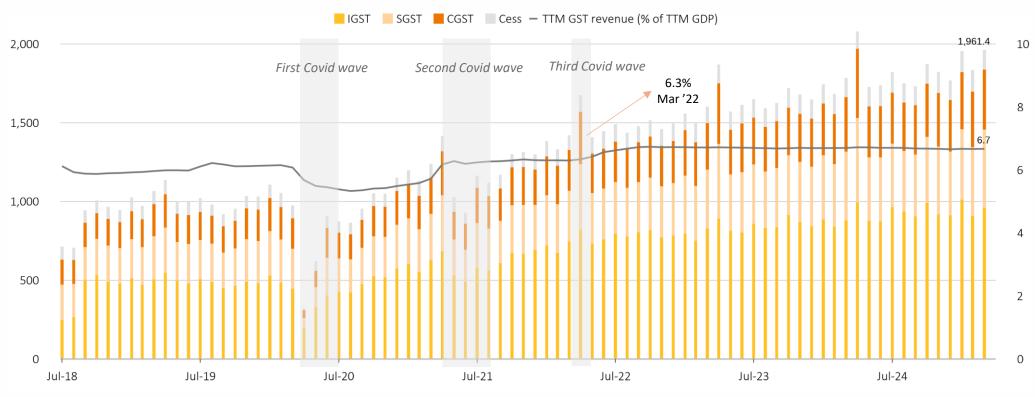




## Fiscal position (2/2)

### **GST** collection robust reaching ~INR 2 trillion in March

Monthly composition of GST Revenue (INR billion), FY2019-FY2025 (Mar '25)



Source: Thurro, GST Portal, NIIF Research

- 1. TTM is trailing twelve months
- GST collected for April '20 and May '20 assumed to be entirely CGST
   Nominal GDP for FY2024 is the second advance estimate provided by Ministry of Statistics and Programme Implementation which is INR 301.2 trillion, and for FY2025 is INR 331.0 trillion



# MONTHLY ECONOMIC REPORT ON INDIA APR 2025

## **Markets**

- RBI cuts repo rate by 50bps cumulatively so far to 6% (as of April 25), with markets anticipating another 50bps reduction, up from 25bps earlier, by Q2FY26. Improved banking system liquidity (0.5% of NDTL) has driven 3-month treasury yields down 60 bps to 5.9%. India-US 10-year G-Sec spread narrows to a 20-year low of 213bps amid rising US rates. Globally, Swiss 2-year yields turned negative post tariff announcements
- Goods deficit widened to USD 21.5 billion driven by higher non-oil imports in March. Services surplus improved to USD 17.9 billion. Higher services trade surplus of 5.1% of GDP improves current account deficit to 1.1% of GDP in Q3FY25
- INR weakened 3-7% against major trading partners over recent months, though recent dollar softening brought 0.2-0.8% INR appreciation.
   Forward markets signal ~2% depreciation a year ahead. Healthy forex reserves of USD 650+ billion provide sufficient 9 month import cover
- Indian equity markets generated moderate ~5% return over TTM amid global uncertainty as volatility increases (VIX: 17.2) post US tariff policy. Steady monthly SIP flows of INR 259 billion in March. Gold reaches new highs (USD 3,277 per troy oz) as oil (USD 67 per bbl) and copper (USD 9,376 per tonne) retreat, as of April 25, amid global uncertainty



## Benchmark policy rate lowered by 50 bps so far; banking liquidity conditions improves



## Policy rate and liquidity

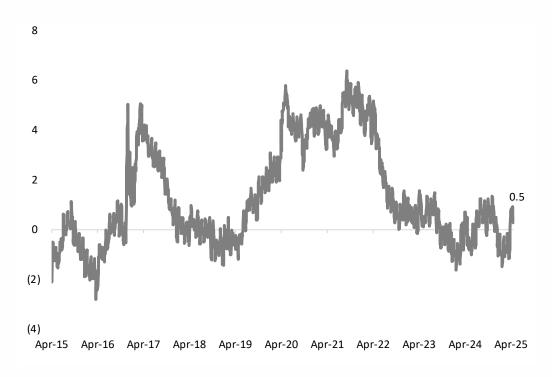
# RBI cuts repo rate by 25bps to 6.0% in April as inflation softens Repo rates (%), FY2013-FY2025 (18 Apr '25)



Source: Thurro, RBI, NIIF Research

### Banking system liquidity moves back to surplus

Surplus liquidity (% of net demand and time liabilities), FY2016-FY2026 (25 Apr '25)



Source: Bloomberg, CEIC, NIIF Research

- 1. Liquidity operations by RBI include repo, term-repo, long-term repo operations, open market operations, marginal standing facility, and standing liquidity facilities
- 2. A positive number indicates liquidity surplus, and a negative number indicates a liquidity deficit

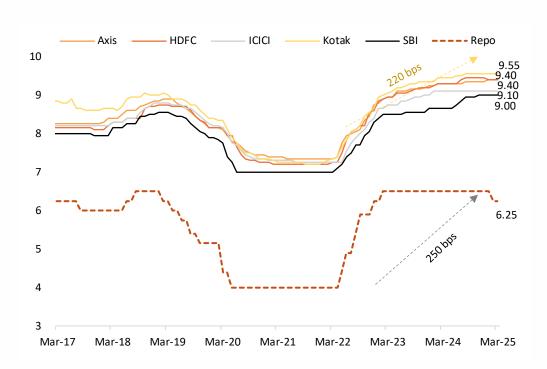




## **Banking and financial institutions**

### Major banks maintain MCLR at the same level in March

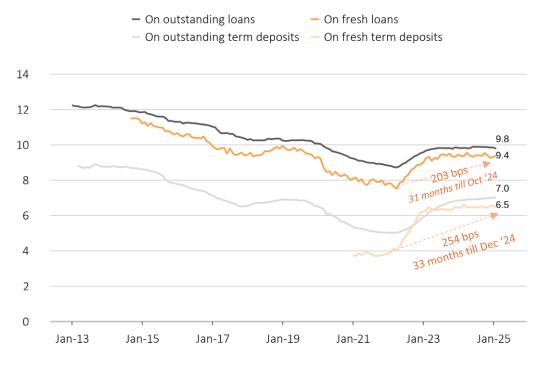
Monthly 1-year marginal cost of fund-based lending rate (%), FY2017-FY2025 (Mar '25)



Source: CEIC, NIIF Research

## SCBs' lending and deposit rates remain steady in February

Monthly weighted average lending and deposit rates (%), FY2013-FY2025 (Feb '25)



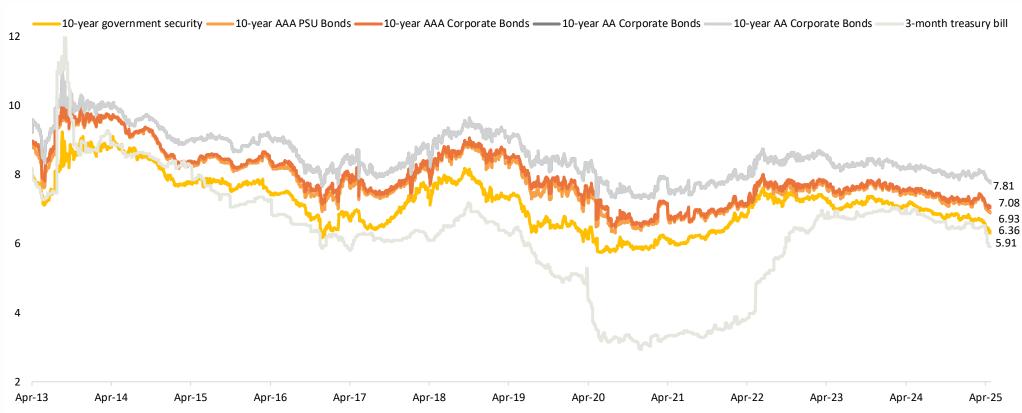
Source: Thurro, RBI, NIIF Research





## Debt markets (1/2)

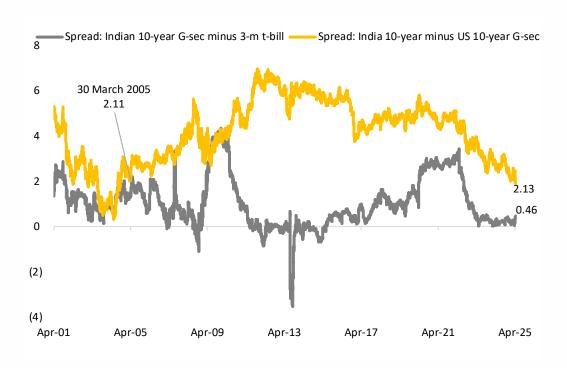
# 3-month treasury yield plunges to 5.91% as liquidity conditions improve; 10-year yields follow downward trend Daily India G-sec and corporate bond yields (%), FY2015-FY2026 (25 Apr '25)





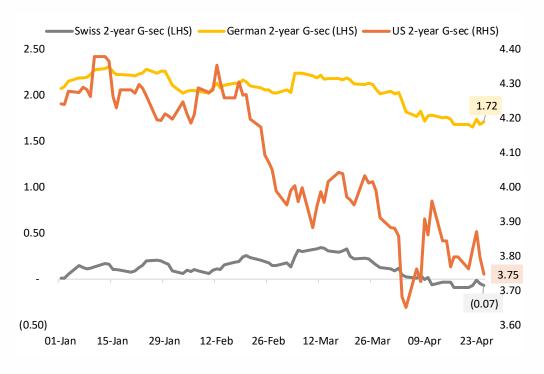
## Debt markets (2/2)

# India-US 10Y spread at a 20-year low; local yield curve steepens Daily India and US G-sec yields (%), FY2000-FY2026 (25 Apr '25)



Source: Bloomberg, NIIF Research

# Swiss short-term yields turn negative following US tariff announcement Daily 2-year German, Swiss, and US G-sec yields (%), 1 Jan 2025 - 25 Apr 2025





## **Forecast of policy rates**

Consensus projects (as of April) another 50bps cumulative rate cut over Q1 and Q2FY26, up from another 25bps cut expected as of March Projections for RBI's benchmark repo rate (%), Q1FY26 to Q1FY27 (25 Apr '25)

|                                      | Q1FY26   | Q2FY26 | Q3FY26 | Q4FY26 | Q1FY27 |
|--------------------------------------|----------|--------|--------|--------|--------|
| Number of analysts                   | 33       | 31     | 35     | 32     | 21     |
| High forecast                        | 6.00     | 6.00   | 6.00   | 5.75   | 5.75   |
| Low forecast                         | 5.75     | 5.00   | 4.50   | 4.25   | 4.00   |
| Bloomberg average                    | 5.80     | 5.60   | 5.45   | 5.40   | 5.35   |
| Median forecast                      | 5.75     | 5.50   | 5.50   | 5.50   | 5.50   |
| Comparing previous survey median for | orecasts |        |        |        |        |
| Bloomberg Mar '25 survey             | 6.00     | 5.75   | 5.75   | 5.75   | 5.75   |



## Goods deficit expands as imports surge; services cushion impact in March



## Balance of payments (1/2)

### Goods deficit widens year-on-year (yoy) due to higher imports

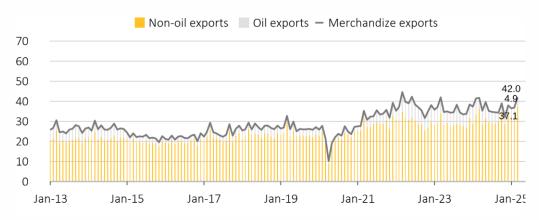
Monthly merchandize trade composition (USD billion), FY2013-FY2025 (Mar '25)



Source: Thurro, Department of Commerce, NIIF Research

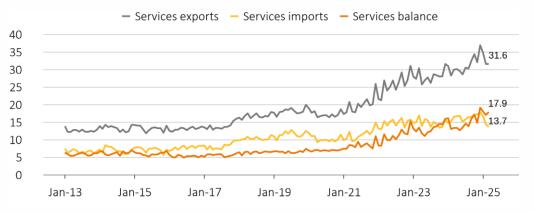
## Higher non-oil exports drive merchandise exports in March

Monthly merchandize exports (USD billion), FY2013-FY2025 (Mar '25)



Source: Thurro, Department of Commerce, NIIF Research

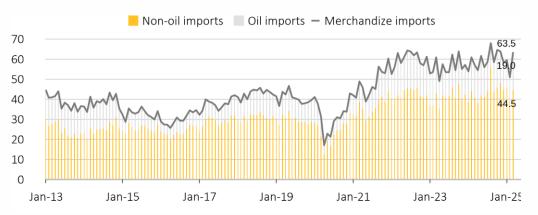
## Services surplus expands due to lower imports and higher yoy exports Monthly services trade (USD billion), FY2013-FY2025 (Mar '25)



Source: Thurro, Department of Commerce, RBI, NIIF Research

## Both non-oil and oil imports drive higher good imports

Monthly merchandize imports (USD billion), FY2013-FY2025 (Mar '25)



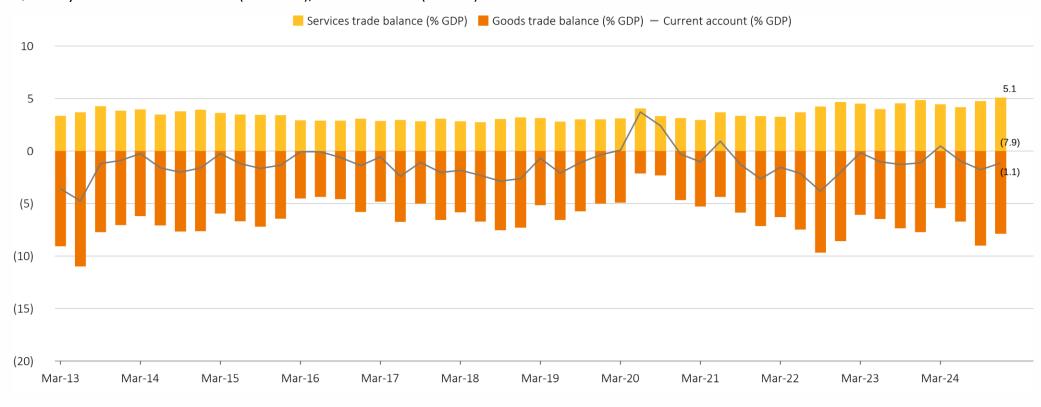
Source: Thurro, Department of Commerce, NIIF Research



## Balance of payments (2/2)

### Current account remains in deficit, at 1.1% of GDP in Q3FY25

Quarterly current account balance (% of GDP), FY2013-FY2025 (Dec '24)



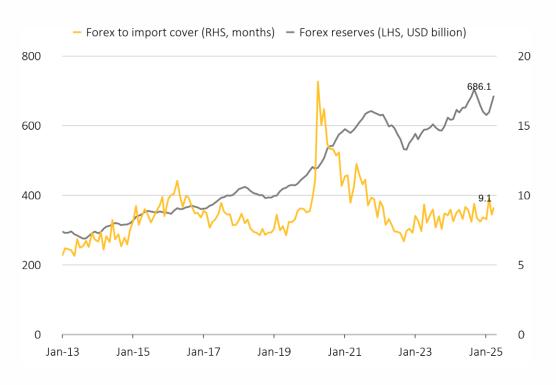
Source: Thurro, RBI, NIIF Research

- Current account comprises (1) goods trade, (2) services trade, (3) transfers (grants, gifts, remittances, etc.), and (4) income (investment income and compensation of employees)
   Hence, current account balance as % of GDP would not add up to the balance of goods and services trade that are shown above



## Foreign exchange markets

# Forex reserves of USD 686 billion sufficient to cover 9 months of imports Monthly foreign exchange reserves, FY2013-FY2026 (18 Apr '25)



Source: Thurro, RBI, NIIF Research

### Note:

1. Import cover calculated on total imports (merchandize plus services)

## USD-INR forward premium remains around ~2% in April

USD/INR implied 1-year forward risk premium (%), FY2007-FY2026 (25 Apr '25)

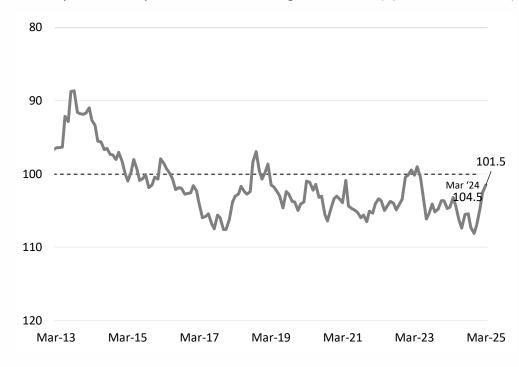




## Foreign exchange markets

### INR depreciates against major trading partners in March

Monthly 40-currency real effective exchange rate of INR (X), FY2013-FY2025 (Mar '25)



Source: Thurro, RBI, NIIF Research

#### Note:

- 1. Real effective exchange rate (REER) is the weighted average of a country's currency in relation to basket of currencies of its major trading partners.
- 2. A REER value greater than 100 implies that the currency is overvalued, and undervalued if under 100

# **DXY index plunges below 100 in April amid US policy uncertainties** Daily US dollar index (X), FY1991-FY2026 (25 Apr '25)



Source: Thurro, Yahoo Finance, NIIF Research

- 1. Dollar index measures the relative strength of USD compared to other major currencies (EUR, GBP, JPY, SEK, CAD, CHF). A higher number indicates a stronger USD.
- 2. A value above 100 indicates a strengthening dollar against the currency basket, while a value below 100 signifies a weakening dollar

## Dollar weakness driving short-term rupee gain while maintaining long-term depreciation



## Foreign exchange markets

Rupee shows modest 0.2-0.8% gain against dollar while depreciating by 3-7% against euro, pound and yen over last 1 to 3 months INR performance vis-a-vis major currencies (%), FY2015-FY2026 (25 Apr '25)



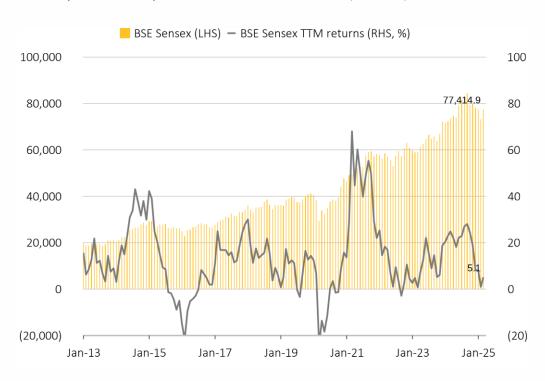
Source: Thurro, RBI, NIIF Research

- Numbers are annualized for periods above 1 year
   Positive return indicates appreciation of INR and negative means depreciation of INR vis-a-vis respective currency



## **Equity markets**

# BSE Sensex returns moderate to 5.1% over TTM, Sensex down from peak Monthly BSE Sensex performance, FY2013-FY2025 (Mar '25)

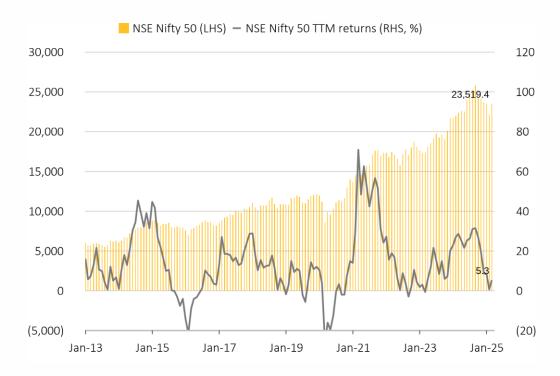


Source: Thurro, BSE, NIIF Research

#### Note:

- 1. TTM: trailing twelve months
- 2. Monthly data for stock indices is as on end of the month
- 3. Returns do not take into account any dividend payouts and stock buybacks, if any

# NIFTY 50 returns ease to 5.3% over TTM after stronger previous months Monthly NSE Nifty performance, FY2013-FY2025 (Mar '25)



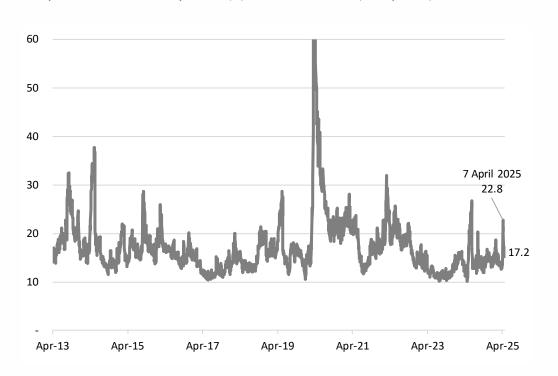
Source: Thurro, NSE, NIIF Research

- 1. Monthly data for stock indices is as on end of the month
- 2. Returns do not take into account any dividend payouts and stock buybacks, if any



## **Equity markets**

## Indian stock market volatility rises in April after US tariff announcement Daily NSE NIFTY Volatility Index (X), FY2014-FY2026 (25 Apr '25)



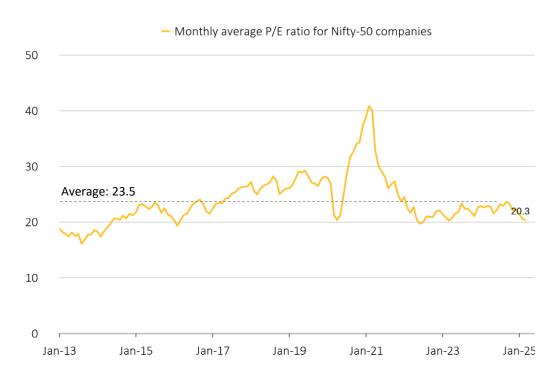
Source: Thurro, NSE, NIIF Research

#### Note:

1. Volatility Index (VIX) represents the market's expectations of volatility over the next 30 days. India VIX is a based on the NIFTY Index Option prices

#### Nifty-50 valuations at 20x for the first since 2022

Monthly average P/E ratio for Nifty-50 companies, FY2013-FY2025 (Mar '25)



Source: Thurro, NSE, NIIF Research

#### Note:

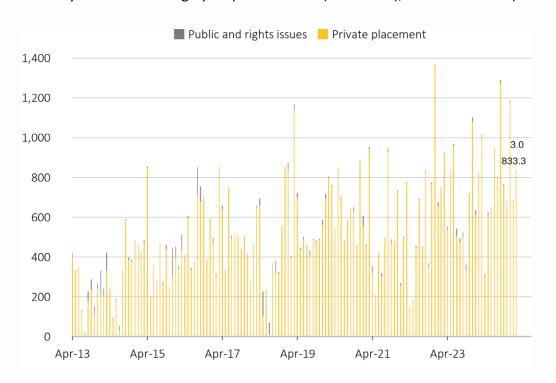
1. Earnings assumed for P/E ratios are trailing 4-quarter earnings



### Debt and equity markets: Issuance

#### Capital raised through debt market at INR 836.2 billion

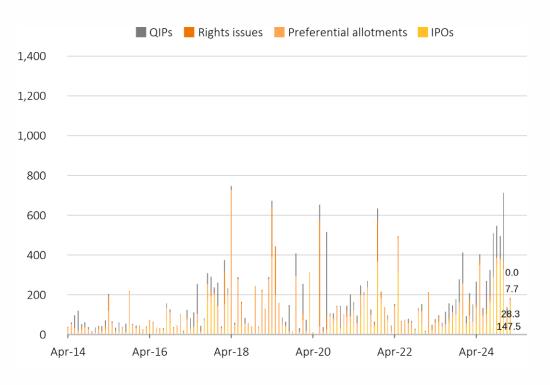
Monthly debt fund raising by corporate sector (INR billion), FY2014-FY2025 (Feb '25)



Source: Thurro, SEBI, NIIF Research

### Capital raised through equity at INR 183.5 billion

Monthly equity fund raising by corporate sector (INR billion), FY2015-FY2025 (Feb '25)



Source: Thurro, SEBI, NIIF Research

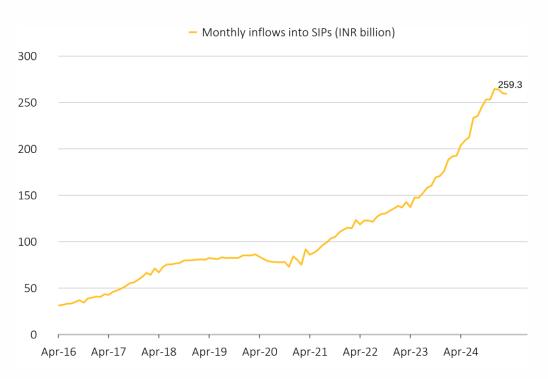
#### Note:

1. IPO here includes only fresh issuances, does not include OFS or secondary sales



### **Debt and equity markets: Mutual funds**

## SIP inflows into mutual funds remain stable at INR 259 billion in March Monthly inflows into SIPs, FY2017-FY2025 (Mar '25)

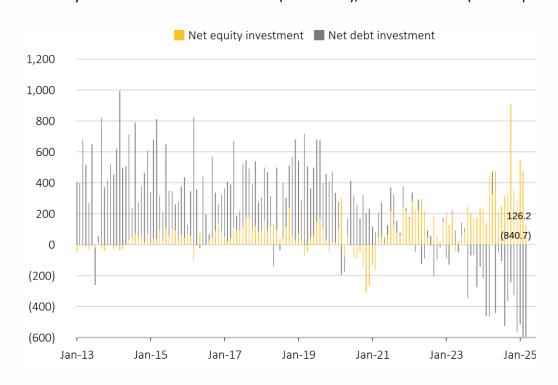


Source: Thurro, AMFI, NIIF Research

#### Note:

1. SIP stands for Systematic Investment Plans, an investment route offered by mutual funds wherein one can invest a fixed amount in a Mutual Fund scheme at regular intervals

## Mutual fund record a net outflow of INR 715 billion in March Monthly net inflows into mutual funds (INR billion), FY2013-FY2025 (Mar '25)



Source: Thurro, SEBI, NIIF Research



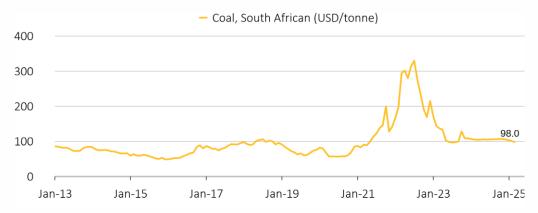
## Gold reaches new highs as oil and copper retreat amid global uncertainty



## **Commodity markets**

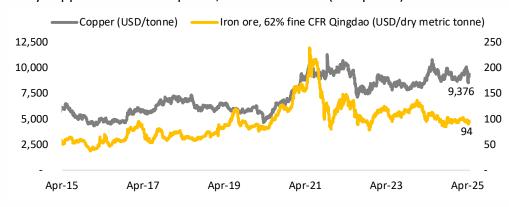
#### Coal prices remain stable at USD 98 per tonne

Monthly coal (South African) prices, FY2013-FY2025 (Mar '25)



Source: Thurro, World Bank Commodity Price Data (The Pink Sheet), NIIF Research

## Iron ore price remain stable, copper ore prices fall reflecting US trade Daily copper and iron ore prices, FY2016-FY2026 (25 Apr '25)



Source: Thurro, World Bank Commodity Price Data (The Pink Sheet), NIIF Research

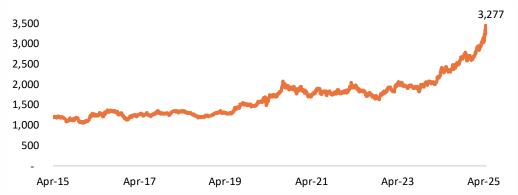
## Brent crude price falls below USD 70 in April for the first time since 2021 Daily Brent crude oil prices (USD per bbl), FY2012-FY2026 (25 Apr '25)



Source: Thurro, World Bank Commodity Price Data (The Pink Sheet), NIIF Research

## Gold price continues its upward trend to USD 3,277

Daily gold prices (USD per troy oz), FY2016-FY2026 (25 Apr '25)



Source: Thurro, World Bank Commodity Price Data (The Pink Sheet), NIIF Research



# MONTHLY ECONOMIC REPORT ON INDIA APR 2025

## **Investments**

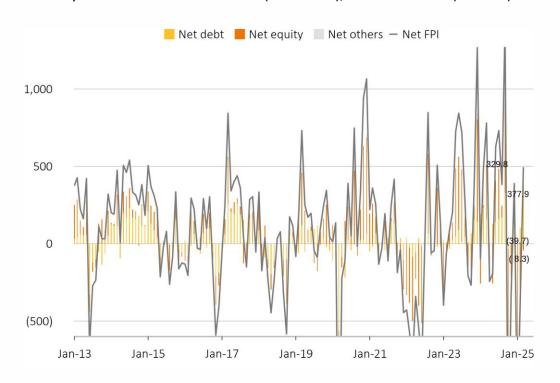
- Foreign Portfolio Investors (FPIs) return to the Indian market in March investing net INR 330 billion. Domestic institutional investors (DIIs) maintain steady net inflows of INR 376 billion. Record high net DII investments of INR 6.1 trillion power Indian markets in FY2025 offsetting moderate net FPI inflows of INR 200 billion
- February shows net foreign direct outflow of USD 1.2 billion despite consistent gross investment. Annually, steady gross inflows of USD 75 billion in FYTD2025 (till February) offset increased repatriation (USD 49.6 billion) and outward FDI (USD 24.8 billion) in FYTD2025
- Alternative Investment Funds (AIFs) demonstrate robust activity in Q3FY25: Category III AIFs lead fund raising of ~INR 258 billion. Net investments at an all-time high of ~INR 568 billion, led by category II and III



Flows: Portfolio (1/2)

## FPIs return to the Indian market in March, net inflows of INR 330 billion

Monthly net FPI investments in India (INR billion), FY2013-FY2025 (Mar '25)



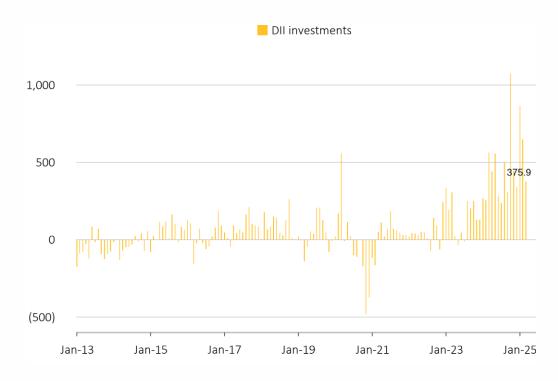
Source: Thurro, NSDL, NIIF Research

#### Note:

 Others comprise of hybrid, mutual funds and AIFs. Hybrid include investments in InvITs and REITs. Debt includes investments under Debt-VRR, Debt-FAR and Debt-General limit. Debt-VRR (voluntary retention route) allows FPIs to participate in repo transactions and also invest in exchange traded funds that invest in debt instruments.

## Domestic investors maintain steady net inflows of INR 376 billion

Monthly net DII investments in India (INR billion), FY2013-FY2025 (Mar '25)



Source: Thurro, NSE, BSE, NIIF Research

#### Note:

1. Domestic institutional investors (DII) are those institutional investors who undertake investment in securities and other financial assets (debt, AIFs, etc.) within India. These include insurance companies, banks, DFIs, mutual funds, NPS, EPFO.



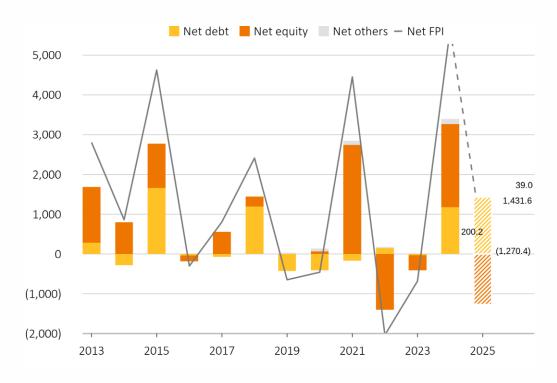
## Record high DII investments power Indian markets in FY2025 as foreign flows moderate



Flows: Portfolio (2/2)

#### FPI add net INR 200 billion to Indian markets in FY2025

Annual net FPI investments in India (INR billion), FY2013-FY2025 (Mar '25)



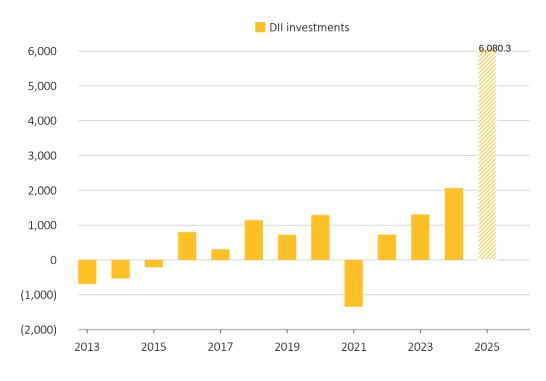
Source: Thurro, NSDL, NIIF Research

#### Note:

1. Others comprise of hybrid, mutual funds and AIFs. Hybrid include investments in InvITs and REITs. Debt includes investments under Debt-VRR, Debt-FAR and Debt-General limit. Debt-VRR (voluntary retention route) allows FPIs to participate in repo transactions and also invest in exchange traded funds that invest in debt instruments.

#### DIIs invest a record INR 6.1 trillion into markets in FY2025

Annual net DII investments in India (INR billion), FY2013-FY2025 (Mar '25)



Source: Thurro, NSE, BSE, NIIF Research

#### Note:

1. Domestic institutional investors (DII) are those institutional investors who undertake investment in securities and other financial assets (debt, AIFs, etc.) within India. These include insurance companies, banks, DFIs, mutual funds, NPS, EPFO.

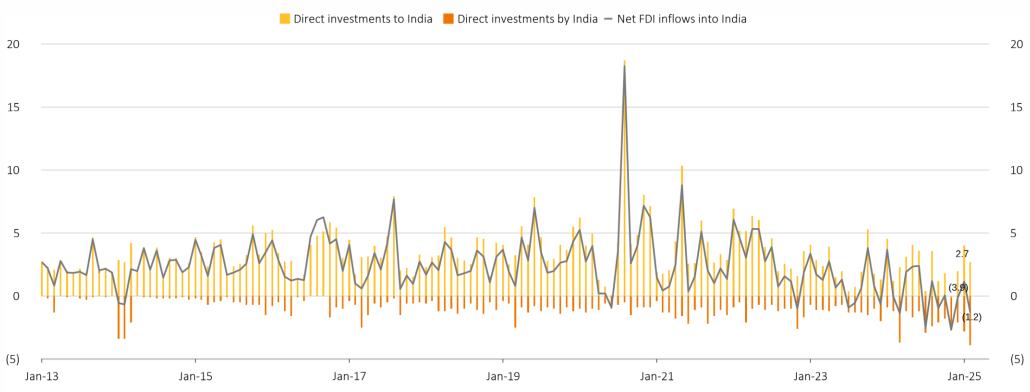
## February shows net foreign direct outflow despite consistent gross investment



Flows: FDI (1/2)

## FDI records a net outflow of USD 1.2 billion in February

Monthly foreign direct investments (USD billion), FY2013-FY2025 (Feb '25)



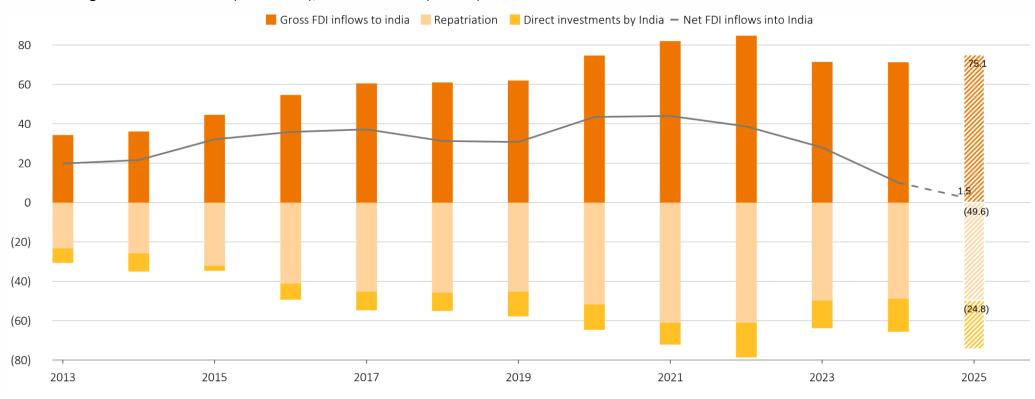
Source: Thurro, RBI, NIIF Research





Flows: FDI (2/2)

## Gross FDI inflows remain steady at ~USD 75 billion in FYTD2025 (till February) compared to USD 65 billion in the same period in FY2024 Annual foreign direct investments (USD billion), FY2013-FY2025 (Feb '25)



Source: Thurro, RBI, NIIF Research

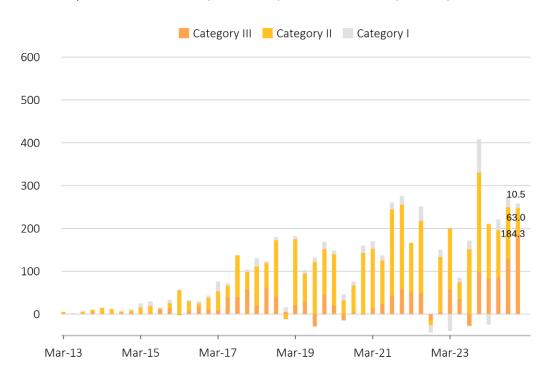
## Category III AIFs lead fundraising in Q3FY25; Category II and III investments at record high



#### **Alternative investments**

### AIFs raise INR 257.8 billion in Q3FY25, driven by category III

Quarterly AIF net fundraises (INR billion), FY2013-FY2025 (Dec '24)



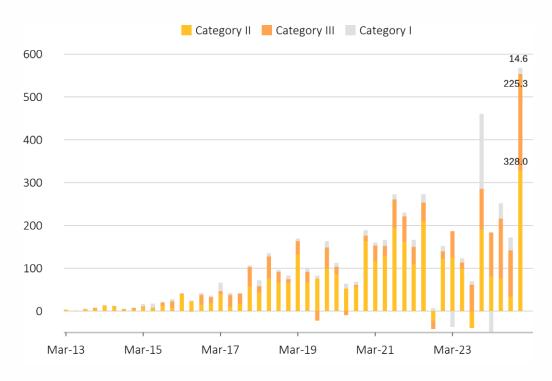
Source: Thurro, SEBI, NIIF Research

#### Note:

- 1. Category I Alternative Investment Funds (AIFs) invest in startup or early-stage ventures or social ventures, SMEs, infrastructure, or other sectors which the government or regulators consider as socially or economically desirable
- 2. Category II AIFs are those that do not fall in Category I and III and which do not undertake leverage other than to meet day-to-day operational requirements, such as real estate funds, private equity funds, etc.
- 3. Category III AIFs employ diverse trading strategies and may employ leverage including through investment in listed or unlisted derivatives such as hedge funds, PIPE funds, etc.

## AIF net investments at an all-time high led by category II and III

Quarterly AIF net investments (INR billion), FY2013-FY2025 (Dec '24)



Source: Thurro, SEBI, NIIF Research

#### Note:

1. SEBI publishes quarterly data on Alternative Investment Funds (AIFs) related to cumulative commitments raised, funds raised, and investments made up to a quarter-end. Therefore, the chart above shows AIF activity in a quarter by subtracting the cumulative numbers provided by SEBI for current quarter from the previous quarter to get a flow number.



# MONTHLY ECONOMIC REPORT ON INDIA APR 2025

## Infrastructure

- Road toll collected at an all-time high of INR 56 billion across 303 million swipes in March. FASTag also records a peak of INR 68 billion across 379 million transactions. Road construction and awarding slow to 8,330 km and 4,874 km respectively in FYTD2025 (till February)
- March saw record port cargo of 84 MMT (up ~13%) amid declining container freight rates, contrasting with February's rail freight contraction of 3% year-on-year. Rail freight decline driven primarily from foodgrains (-16.2%) and cement (-10.2%) slowdowns, with only fertilisers and container services posting moderate growth
- March sees healthy domestic air passenger and cargo numbers domestic air passengers robust at 14.5 million in March, up 8.3%. Air
  cargo traffic at record highs of ~342k tonnes in March, up ~4%
- Strong power generation growth (6.3%) drove March's peak demand deficit to a multi-year low of 0.3%, with renewables contributing ~15%. DISCOMS' outstanding monthly dues remained steady at INR 203.5 billion in March. Polysilicon prices remain low at USD 5 per kg, and silver costs stays elevated at USD 34 per troy oz



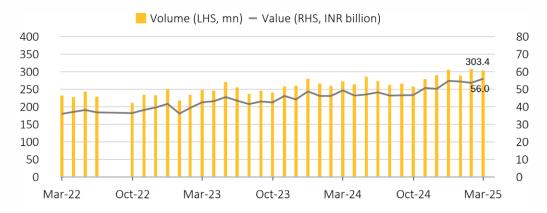
## Toll collection at record highs in March; road construction pace slows in FYTD2025



#### **Roads**

#### Tolls collected at an all-time high of INR 56 billion in March

Monthly road toll collection at NHAI tolls, FY2022-FY2025 (Mar '25)

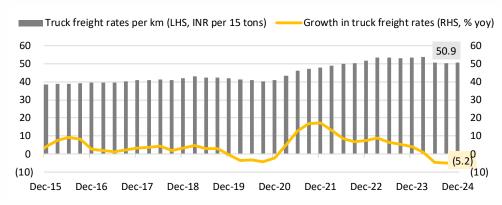


Source: Thurro, IHMCL, NIIF Research

Note: Data for July and August 2022 not available

#### Truck freight rates decline 5% in Q3FY25

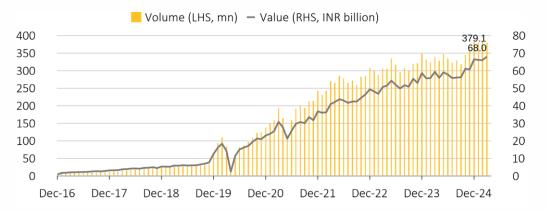
Quarterly average all-India truck freight rates, FY2015-FY2025 (Dec '24)



Source: Bloomberg, NIIF Research

Note: The index tracks average monthly truck freight rates between Delhi and 81 cities in India

## FASTag collection also records a peak of INR 68 billion in March Monthly national electronic road toll collection, FY2017-FY2025 (Mar '25)

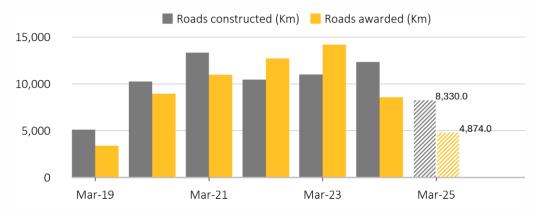


Source: Thurro, RBI, NIIF Research

Note: FasTag is primarily used at 800 national and 300 state highways, and at a few parking lots

## Road construction and awarding moderated in FYTD2025 (till February)

Annual road construction in India, FY2019-FY2025 (Feb '25)

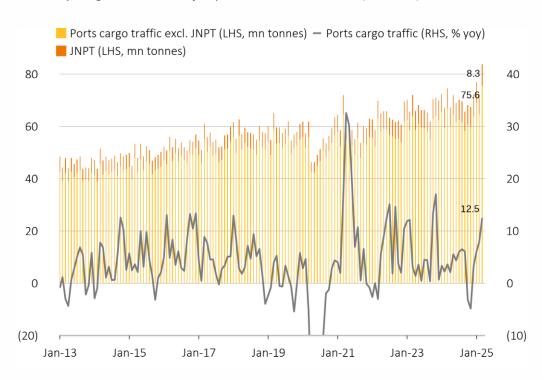


Source: Thurro, MoRTH, NIIF Research



## **Major Ports**

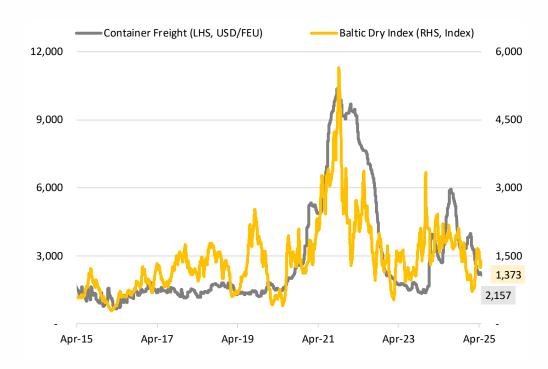
## Major ports cargo hits record high in March with a ~13% growth Monthly cargo traffic at major ports, FY2013-FY2025 (Mar '25)



Source: Thurro, Indian Ports Association, NIIF Research

### Freight rates for container and dry bulk moderate in April

Daily shipping freight indices, FY2016-FY2026 (25 Apr '25)



Source: Bloomberg, NIIF Research

#### Note:

- 1. Baltic Indices represent average shipping freights across 12 major international routes Index units measured in points. (January 4, 1985 = 1,000).
- 2. Baltic Dry Index measures freight rates for ships carrying bulk commodities like coal, iron ore, food grains, bauxite and alumina, steel and fertilizers.
- 3. Container freight measures actual spot freight rates in USD for 40-feet containers for 8 major east-west trade routes compiled as World Container Index (WCI).



## Foodgrains and cement freight slowdown drives February rail cargo decline



## **Railways**

### Rail cargo volume falls by 3.0% yoy to 133 MMT in February

Monthly railway freight (mn tonnes), Feb '24 - Feb '25

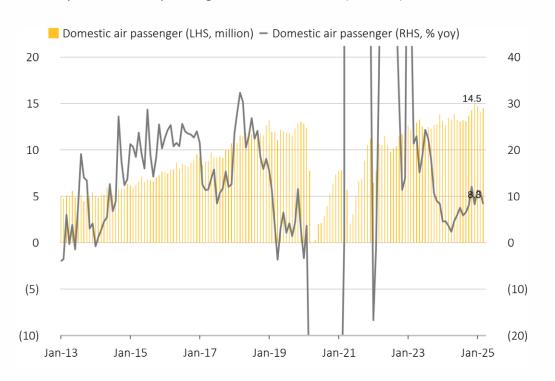
|   | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | Jan-25 | Feb-25 | Growth (% yoy) |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|
| Coal  | 68.5   | 77.1   | 66.4   | 72.0   | 69.1   | 66.7   | 61.1   | 61.1   | 67.6   | 67.7   | 72.4   | 71.5   | 67.3   | (1.8)          |
| Iron ore  | 15.1   | 17.3   | 14.9   | 14.6   | 15.1   | 13.8   | 14.0   | 14.0   | 14.6   | 14.3   | 15.4   | 17.0   | 14.9   | (1.2)          |
| Cement and clinker                              | 13.5   | 16.9   | 11.5   | 12.9   | 12.9   | 10.4   | 10.4   | 10.4   | 10.9   | 10.2   | 12.1   | 13.9   | 12.1   | (10.2)         |
| Container service                               | 7.1    | 7.6    | 6.6    | 6.9    | 7.0    | 7.4    | 7.4    | 7.4    | 7.7    | 7.2    | 7.8    | 7.0    | 7.1    | 0.3            |
| Pig iron and finished steel                     | 5.7    | 6.9    | 5.2    | 5.4    | 5.4    | 5.6    | 5.3    | 5.3    | 5.3    | 5.4    | 5.9    | 6.1    | 5.5    | (3.2)          |
| Fertilizers                                     | 4.0    | 4.1    | 4.0    | 5.0    | 5.3    | 5.1    | 4.6    | 4.6    | 5.1    | 6.0    | 6.1    | 5.3    | 4.2    | 6.6            |
| Foodgrains                                      | 5.1    | 4.4    | 3.9    | 4.8    | 4.2    | 4.0    | 3.9    | 3.9    | 3.4    | 4.0    | 4.5    | 4.5    | 4.3    | (16.1)         |
| Mineral oil                                     | 4.1    | 4.7    | 4.2    | 4.4    | 4.2    | 4.5    | 4.0    | 4.0    | 4.3    | 4.1    | 4.4    | 4.3    | 4.0    | (2.5)          |
| Raw material for steel plants (except iron ore) | 2.7    | 3.6    | 2.1    | 2.5    | 2.3    | 2.7    | 2.3    | 2.3    | 2.5    | 2.3    | 2.5    | 2.7    | 2.5    | (5.6)          |
| Others  | 10.9   | 14.1   | 9.6    | 10.8   | 10.1   | 9.5    | 9.8    | 9.8    | 9.5    | 9.0    | 10.3   | 10.6   | 10.5   | (3.5)          |
| Total   | 136.6  | 156.6  | 128.3  | 139.2  | 135.5  | 129.7  | 122.8  | 122.8  | 130.9  | 130.2  | 141.4  | 142.7  | 132.5  | (3.0)          |

Source: Thurro, Indian Railways, NIIF Research



#### **Aviation**

## Domestic air passenger traffic remains robust at 14.5 million in March Monthly domestic air passengers, FY2013-FY2025 (Mar '25)



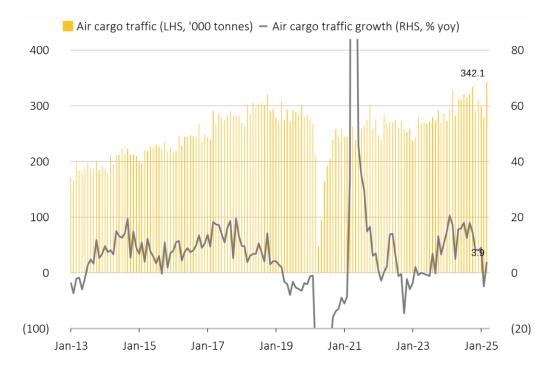
Source: Thurro, DGCA, Ministry of Civil Aviation, NIIF Research

#### Note:

1. Growth in air passengers between Apr '21 and Oct '21, and May '22 not depicted due to low base effect of Apr '20 to Oct '20, and May '21.

## Air cargo traffic at record highs in March, up ~4% yoy

Monthly air cargo traffic, FY2013-FY2025 (Mar '25)



Source: Thurro, AAI, NIIF Research

#### Note:

1. Growth in air cargo traffic between Apr '21 and Jun '21 not depicted due to low base effect of Apr '20 to Jun '20.



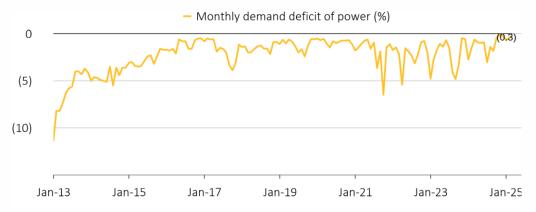
## Robust power generation drives peak demand deficit to a multi-year low in March



#### **Power**

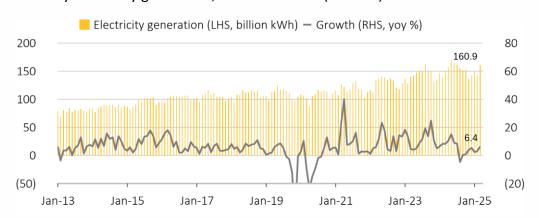
### Peak power deficit declines to a multi year low of 0.3% in March

Monthly peak demand deficit of power (%), FY2013-FY2025 (Mar '25)



Source: Thurro, POSOCO, NIIF Research

## Steady growth in electricity generation of 6.4% in March Monthly electricity generation, FY2013-FY2025 (Mar '25)

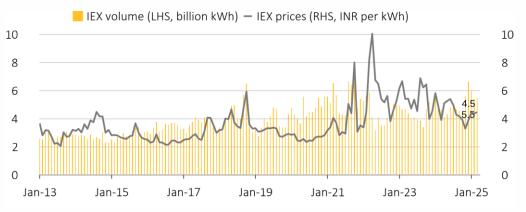


Source: Thurro, POSOCO, NIIF Research

Note: The residual difference between units of electricity generated and demanded is auxiliary consumption to run the power plants

### Power trading rates pick up early in 2025

Monthly clearance prices on IEX DAM (INR/kWh), FY2013-FY2025 (Mar '25)



Source: Thurro, IEX, NIIF Research

## DISCOMS' outstanding dues to power generators remain low and steady Monthly outstanding dues of discoms, FY2018-FY2025 (Mar '25)



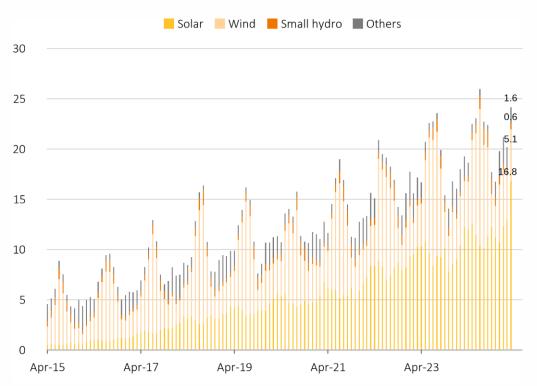
Source: Thurro, PRAAPTI, NIIF Research



#### Renewables

#### Robust renewable electricity generation in March

Monthly generation from renewables (billion kWh), FY2016-FY2025 (Mar '25)



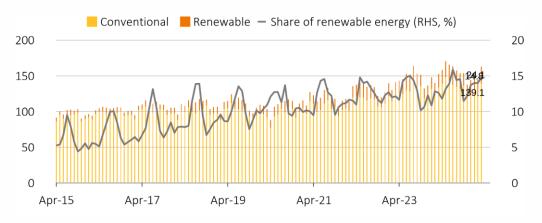
Source: Thurro, CEA, NIIF Research

#### Note:

 Others include bagasse-based energy and biomass other than bagasse, among other sources

## Renewable electricity share increases to ~15% in March

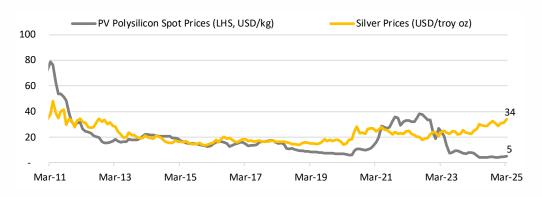
Monthly generation from energy sources (billion kWh), FY2016-FY2025 (Mar '25)



Source: Thurro, POSOCO, CEA, NIIF Research

### Polysilicon prices stay low, while silver prices remains elevated

Monthly average silicon and silver prices, FY2011-FY2025 (Mar '25)



Source: Bloomberg, NIIF Research



# MONTHLY ECONOMIC REPORT ON INDIA APR 2025

## Global

- Global growth outlook weakens as IMF lowers projections to 2.8% for CY2025, from 3.3% estimated in January. India's growth forecast lowered to 6.2% for FY2026, from 6.5% earlier, stabilising at 6.5% annually thereafter through FY2031
- Steady growth momentum across major economies in quarter-ended December – India's GDP growth picks up to 6.2%, US steady at 2.5% while China's growth recovers to 5.4%
- India's composite PMI outpaces major economies consistently for over two years now at 59.5 in March, showing strong expansion in both manufacturing and services sectors. USA and Germany strengthens to a PMI of 51.8 and 51.3 respectively, while Japan and France's contracts to 48.9 and 48.0, respectively, in March.
- Headline consumer inflation continues to ease globally in March US at 2.4%, UK at 2.6%, and India at 3.3%. China showing disinflationary trends at 0.1%, while Brazil's inflation rises to 5.5%. Global equity markets retreat in March with returns moderating ~5.2% returns over trailing twelve months in India while Singapore (45%) and Hong Kong (40%) outperform

## Global growth outlook weakens as IMF lowers projections; India remains a key economic engine



## **Growth (1/2)**

## India's growth forecast lowered to 6.2% for FY2026, from 6.5% earlier, stabilising at 6.5% annually through FY2031

IMF nominal GDP (USD trillion) and real GDP growth projections (%), CY2023 to CY2030

|   | Nominal GDP (US | D trillion) | Real GDP | growth (% yoy) |      |
|---|-----------------|-------------|----------|----------------|------|
|   | Actual          | Projection  | Actual   | Projection     |      |
|   | 2023            | 2025        | 2023     | 2025           | 2030 |
| World                                     | 106.4           | 113.8       | 3.3      | 2.8            | 3.1  |
| Advanced Economies                        | 62.2            | 66.9        | 1.7      | 1.4            | 1.7  |
| United States                             | 27.7            | 30.5        | 2.9      | 1.8            | 2.1  |
| European Union                            | 18.6            | 20.0        | 0.6      | 1.2            | 1.4  |
| Germany                                   | 4.5             | 4.7         | (0.3)    | (0.1)          | 0.7  |
| Japan                                     | 4.2             | 4.2         | 1.5      | 0.6            | 0.5  |
| United Kingdom                            | 3.4             | 3.8         | 0.4      | 1.1            | 1.4  |
| Canada                                    | 2.2             | 2.2         | 1.5      | 1.4            | 1.5  |
| Emerging markets and developing economies | 44.3            | 46.9        | 4.7      | 3.7            | 4.0  |
| China                                     | 18.3            | 19.2        | 5.4      | 4.0            | 3.4  |
| India                                     | 3.6             | 4.2         | 9.2      | 6.2            | 6.5  |
| Russia                                    | 2.1             | 2.1         | 4.1      | 1.5            | 1.2  |
| Brazil                                    | 2.2             | 2.1         | 3.2      | 2.0            | 2.5  |
| South Africa                              | 0.4             | 0.4         | 0.7      | 1.0            | 1.8  |

Source: IMF World Economic Outlook (April 2025), NIIF Research

#### Note:

<sup>1.</sup> For India, data and forecasts are presented on a fiscal year basis (Apr-Mar)

<sup>2.</sup> FY stands for financial year with the period starting Apr 1 and ending on Mar 31

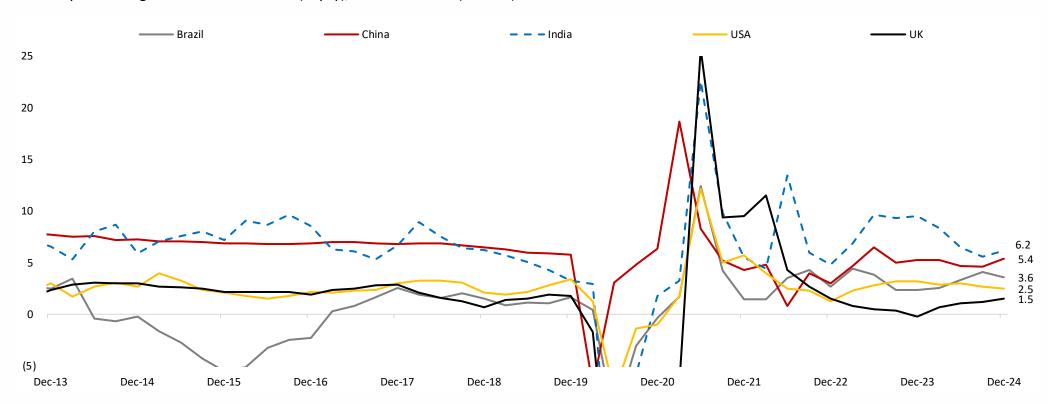
<sup>3.</sup> The 6.2% GDP growth for India under the 2025 column is estimated for FY2025-26. India's growth projections by IMF are 6.5% in 2025 and 6.2% in 2026 based on calendar year





## Growth (2/2)

India's growth momentum picks up to 6.2%, US steady at 2.5% while China's growth recovers to 5.4% in quarter-ended December Quarterly real GDP growth across countries (% yoy), FY2014-FY2025 (Dec '24)



Source: Bloomberg, NIIF Research

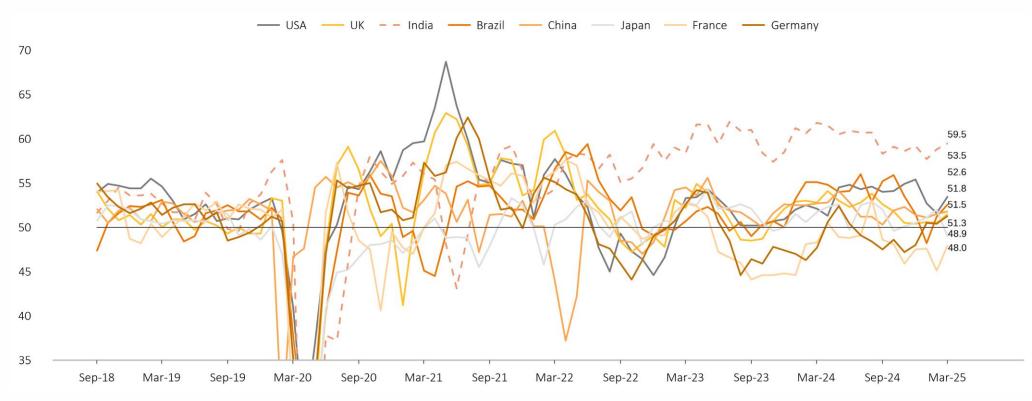
#### Note:

1. Contraction in growth for four quarters between March 2020 to March 2021 not shown due to the impact of Covid-19 lockdown on the economy



## Purchasing managers' index: Global

India's PMI stays expansionary while major economies show divergence: US and Germany strengthen as Japan and France contract in March Monthly PMI composite indices across major economies, FY2019-FY2025 (Mar '25)



Source: Thurro, S&P, NIIF Research

#### Note:

- 1. Impact of Covid on economic activity seen across countries for months between Feb '20 and May '20 and hence not shown in the chart.
- 2. The headline PMI Composite (Output) Index is a weighted average of the headline PMI Services Index and the Manufacturing Output Index (not the headline PMI manufacturing). Hence, a simple average of PMI Services and Manufacturing indices may not reflect in the PMI Composite.

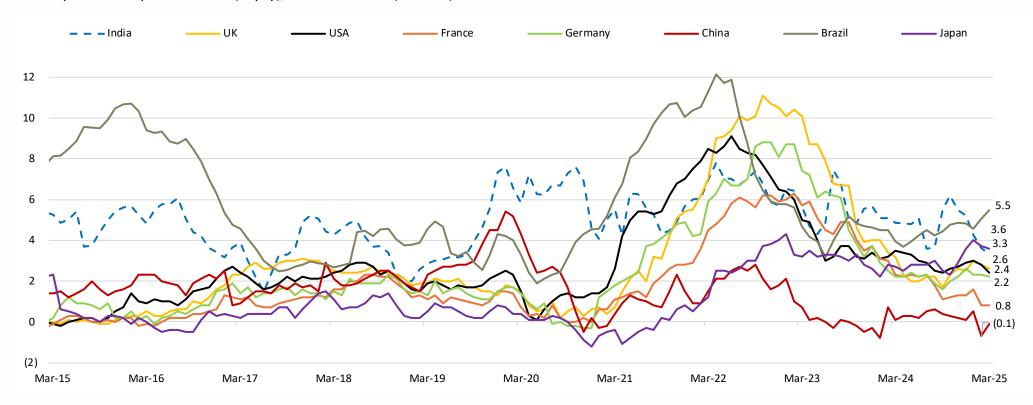




### **Inflation: Global**

### Inflationary pressures moderate across major economies in March, while Brazil's inflation rises to 5.5%

Monthly consumer price inflation (% yoy), FY2015-FY2025 (Mar '25)



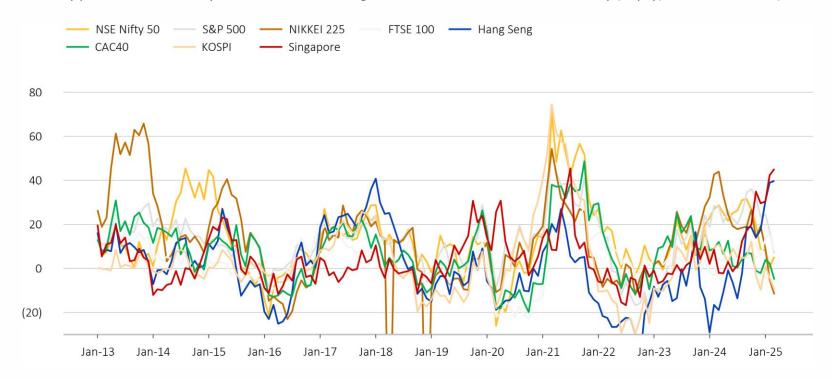
Source: Bloomberg, NIIF Research



### **Equity markets: Global**

### India's equity market generated an average ~5.2% return in March, while Singapore and Hong Kong outperform

Monthly performance of Nifty-50, Sensex and other global indices, returns in local currency (% yoy), FY2013-FY2025 (Mar '25)



Returns as on March 31, 2025 (% yoy)

| Singapore    | 45.2   |
|--------------|--------|
| Hang Seng    | 39.8   |
| FTSE 100     | 7.9    |
| S&P 500      | 6.8    |
| Dow Jones    | 5.5    |
| NSE Nifty 50 | 5.3    |
| BSE Sensex   | 5.1    |
| CAC40        | (5.1)  |
| KOSPI        | (9.7)  |
| NIKKEI 225   | (11.8) |

Source: Thurro, BSE, NIIF Research

#### Note:

1. Return is calculated as on month end



**Annexures** 

MONTHLY ECONOMIC REPORT ON INDIA APR 2025





## Green shoots across core sectors fuel logistics, freight, and industrial surge in March



### **High frequency indicators**

#### Robust logistics and industrial activity in March while export goods growth remains weak

Change in major economic indicators (% yoy), Feb '24 - Mar '25

|                                | Units | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | Jan-25 | Feb-25 | Mar-25 |
|--------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Fiscal                         |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Central government expenditure | % yoy | 20.4   | (0.6)  | 39.3   | (37.9) | (18.4) | 0.1    | 20.9   | 2.6    | 31.7   | 3.6    | 22.1   | 12.4   | (17.7) |        |
| Gross tax revenue              | % yoy | (0.5)  | 13.5   | 16.9   | 14.4   | 35.0   | 14.0   | (15.8) | 11.9   | 1.6    | 10.0   | 11.1   | 4.6    | 19.7   |        |
| GST collection                 | % yoy | 12.5   | 11.5   | 12.4   | 10.0   | 7.6    | 10.3   | 10.0   | 6.5    | 8.9    | 8.5    | 7.3    | 12.1   | 9.1    | 9.9    |
| Industry                       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Index of industrial production | % yoy | 5.6    | 5.5    | 5.2    | 6.3    | 4.9    | 5.0    | 0.0    | 3.2    | 3.7    | 5.0    | 3.5    | 5.2    | 2.7    | 3.0    |
| Index of eight core industries | % yoy | 7.1    | 6.3    | 6.9    | 6.9    | 5.0    | 6.3    | (1.5)  | 2.4    | 3.8    | 5.8    | 4.8    | 5.1    | 3.4    | 3.8    |
| Electricity generation         | % yoy | 8.2    | 8.3    | 10.4   | 15.1   | 9.0    | 8.3    | (4.7)  | 0.2    | 0.8    | 3.8    | 5.3    | 2.3    | 3.0    | 6.4    |
| Steel production               | % yoy | 12.5   | 9.3    | 4.2    | 4.1    | 3.4    | 5.8    | 2.6    | 0.3    | 4.2    | 4.5    | 8.3    | 7.4    | 6.4    | 7.0    |
| Cement production              | % yoy | 7.8    | 10.6   | 0.2    | (0.6)  | 1.8    | 5.1    | (2.5)  | 7.6    | 3.1    | 13.1   | 10.3   | 14.6   | 10.8   | 11.6   |
| Coal production                | % yoy | 11.9   | 8.2    | 7.4    | 10.2   | 14.6   | 6.4    | (7.5)  | 2.5    | 7.5    | 7.4    | 5.3    | 4.4    | 1.7    | 1.6    |
| Wholesale price index          | % yoy | 0.2    | 0.3    | 1.2    | 2.7    | 3.4    | 2.1    | 1.2    | 1.9    | 2.8    | 2.2    | 2.6    | 2.5    | 2.4    | 2.0    |
| Logistics                      |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rail freight                   | % yoy | 10.1   | 8.3    | 1.5    | 3.7    | 10.1   | 4.6    | (0.6)  | (0.6)  | 1.5    | 1.4    | 1.7    | (1.6)  | (3.0)  |        |
| Port cargo                     | % yoy | 2.2    | 3.6    | 2.1    | 5.5    | 4.3    | 6.0    | 6.5    | 6.1    | (3.2)  | (4.9)  | 3.3    | 6.1    | 7.9    | 12.5   |
| Air cargo                      | % yoy | 20.5   | 17.3   | 5.0    | 15.6   | 15.9   | 18.1   | 12.5   | 18.0   | 14.5   | 8.4    | 8.1    | 9.0    | (4.9)  | 3.9    |
| E-way bills (volume)           | % yoy | 18.9   | 13.9   | 14.5   | 17.0   | 16.3   | 19.2   | 12.9   | 18.5   | 16.9   | 16.3   | 17.6   | 24.0   | 14.7   | 20.2   |
| Trade                          |       |        |        |        |        |        |        |        | _      |        |        |        |        |        |        |
| Merchandize exports            | % yoy | 11.9   | (0.6)  | 2.0    | 13.3   | 2.4    | 0.6    | (9.9)  | (0.2)  | 16.6   | (5.1)  | (1.2)  | (2.4)  | (10.9) | 0.7    |
| Merchandize imports            | % yoy | 13.7   | (6.4)  | 11.1   | 7.2    | 4.6    | 9.6    | 9.2    | 7.3    | 1.1    | 16.0   | 1.9    | 10.3   | (16.3) | 11.4   |
| Non-oil merchandize exports    | % yoy | 13.8   | 7.9    | 0.2    | 8.2    | 7.6    | 4.1    | 0.2    | 6.7    | 25.5   | 7.8    | 5.1    | 14.5   | (6.3)  | 2.2    |
| Non-oil merchandize imports    | % yoy | 20.0   | (5.2)  | 7.4    | (0.5)  | 0.0    | 5.9    | 21.5   | 7.6    | (4.2)  | 19.5   | 5.8    | 19.9   | (11.3) | 9.4    |
| Services exports               | % yoy | 3.4    | (1.4)  | 17.1   | 9.7    | 3.2    | 16.6   | 5.7    | 14.6   | 22.7   | 14.2   | 16.9   | 12.0   | 11.6   | 5.4    |
| Services imports               | % yoy | 1.7    | (2.1)  | 20.0   | 6.2    | (3.1)  | 16.0   | 9.1    | 13.5   | 28.0   | 26.1   | 13.9   | 12.6   | (4.8)  | (17.3) |

Source: Thurro, CGA, Ministry of Finance, MoSPI, EAI, POSOCO, Indian Railways, Indian Ports Association, AAI, GSTN, RBI, NPCI, JPC, NIIF Research Note:

1. Conditional formatting based on absolute values with respect to zero, with the largest negative values represented by dark red and largest positive values represented by dark green for each variable



## Digital transactions and energy demand signal robust consumption while EV growth moderates



## High frequency indicators (2/2)

## FASTag collection and UPI transaction remains robust; steady energy consumption amidst cooling automobile demand Change in major economic indicators (% yoy), Feb '24 - Mar '25

|                               | Units | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | Jan-25 | Feb-25 | Mar-25 |
|-------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Energy                        |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Electricity demand            | % yoy | 8.1    | 9.0    | 10.3   | 15.2   | 8.9    | 8.3    | (5.3)  | 0.4    | 0.9    | 4.0    | 5.9    | 2.4    | 2.4    | 6.7    |
| Petrol consumption            | % yoy | 8.9    | 6.9    | 14.2   | 3.4    | 4.6    | 10.5   | 8.6    | 3.0    | 8.7    | 9.6    | 11.1   | 6.7    | 5.0    | 5.7    |
| Automobile registrations      |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Passenger vehicles            | % yoy | 10.7   | (5.9)  | 18.2   | 0.4    | (4.7)  | 13.8   | (0.3)  | (16.6) | 40.3   | (11.5) | 1.7    | 19.7   | (7.2)  | 6.2    |
| Three-wheeler                 | % yoy | 24.7   | 17.6   | 9.8    | 20.6   | 7.5    | 16.4   | 4.6    | 3.6    | 12.6   | 4.7    | (4.3)  | 7.2    | (0.8)  | (6.7)  |
| Two-wheeler                   | % yoy | 13.7   | 5.7    | 33.6   | 2.7    | 5.0    | 17.6   | 6.7    | (8.3)  | 36.8   | 16.3   | (17.3) | 4.7    | (5.9)  | (4.5)  |
| Commercial vehicles           | % yoy | (0.8)  | (8.0)  | (0.1)  | 2.7    | (4.2)  | 6.6    | (5.1)  | (9.8)  | 5.8    | (5.1)  | (5.5)  | 8.5    | (5.4)  | (2.3)  |
| Passenger vehicles-electric   | % yoy | 56.7   | 8.8    | 39.8   | 8.6    | (5.2)  | 8.8    | (3.0)  | (5.1)  | 63.3   | 22.5   | 24.3   | 54.2   | 27.3   | 53.2   |
| Three-wheeler-electric        | % yoy | 40.6   | 34.4   | 10.6   | 22.7   | 8.9    | 18.5   | 7.0    | 9.5    | 18.1   | 17.9   | 3.3    | 12.4   | 5.0    | (3.7)  |
| Two-wheeler-electric          | % yoy | 25.1   | 62.5   | (2.0)  | (26.8) | 73.6   | 97.2   | 41.9   | 41.4   | 86.7   | 30.4   | (2.8)  | 19.9   | (7.3)  | (9.1)  |
| Commercial vehicles-electric  | % yoy | 214.0  | 393.9  | (5.6)  | 43.3   | 61.3   | 49.6   | 46.9   | 49.3   | 32.5   | 33.8   | 91.1   | 39.1   | (4.5)  | (60.6) |
| Services                      |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Air passenger (domestic)      | % yoy | 4.6    | 3.6    | 2.4    | 4.7    | 6.0    | 7.5    | 5.9    | 6.5    | 8.0    | 12.1   | 8.3    | 11.3   | 11.1   | 8.3    |
| Air passenger (international) | % yoy | 22.1   | 15.1   | 15.9   | 12.5   | 11.7   | 9.6    | 10.7   | 11.6   | 14.3   | 20.9   | 14.9   | 16.1   | 24.4   | 9.5    |
| FASTag collection (volume)    | % yoy | 12.1   | 10.6   | 7.6    | 3.7    | 5.8    | 9.4    | 6.8    | 6.5    | 7.9    | 11.9   | 9.8    | 14.8   | 18.7   | 11.9   |
| FASTag collection (value)     | % yoy | 19.2   | 17.2   | 8.6    | 8.7    | 11.2   | 12.0   | 8.4    | 10.4   | 10.4   | 14.5   | 13.3   | 19.0   | 18.3   | 14.5   |
| UPI transactions (volume)     | % yoy | 60.6   | 54.7   | 49.5   | 49.1   | 48.7   | 44.9   | 41.3   | 42.5   | 45.4   | 37.8   | 39.2   | 39.3   | 33.1   | 36.2   |
| UPI transactions (value)      | % yoy | 47.9   | 40.3   | 39.6   | 37.3   | 36.0   | 34.6   | 30.7   | 30.7   | 37.0   | 23.9   | 27.5   | 27.5   | 20.2   | 25.2   |
| Consumer price index          | % yoy | 5.1    | 4.9    | 4.8    | 4.8    | 5.1    | 3.6    | 3.7    | 5.5    | 6.2    | 5.5    | 5.2    | 4.3    | 3.6    | 3.3    |
| Banking                       |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Aggregate deposits            | % yoy | 13.1   | 13.5   | 12.6   | 14.0   | 11.1   | 10.6   | 12.7   | 10.4   | 11.5   | 11.2   | 9.8    | 12.1   | 10.3   | 10.3   |
| Outstanding credit            | % yoy | 20.5   | 20.2   | 19.2   | 20.7   | 17.4   | 13.7   | 14.0   | 12.3   | 11.8   | 11.2   | 11.2   | 12.5   | 11.0   | 11.0   |

Source: Thurro, CGA, Ministry of Finance, MoSPI, EAI, POSOCO, Indian Railways, Indian Ports Association, AAI, GSTN, RBI, NPCI, NIIF Research

<sup>1.</sup> Conditional formatting based on absolute values with respect to zero, with the largest negative values represented by dark red and largest positive values represented by dark green for each variable

## Green shoots across core sectors fuel logistics, freight, and industrial surge in March



## High frequency indicators (1/2)

#### Robust logistics and industrial activity in March while export goods growth remains weak

Major economic indicators (absolute values), Feb '24 - Mar '25

|                                | Units        | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | Jan-25 | Feb-25 | Mar-25 |
|--------------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Fiscal                         |              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Central government expenditure | INR trillion | 3.9    | 7.0    | 4.2    | 2.0    | 3.5    | 3.3    | 3.5    | 4.6    | 3.6    | 2.7    | 4.9    | 3.4    | 3.2    |        |
| Gross tax revenue              | INR trillion | 1.8    | 5.7    | 2.6    | 2.0    | 3.7    | 2.5    | 2.5    | 4.8    | 2.2    | 2.3    | 4.9    | 2.3    | 2.2    |        |
| GST collection                 | INR trillion | 1.7    | 1.8    | 2.1    | 1.7    | 1.7    | 1.8    | 1.7    | 1.7    | 1.9    | 1.8    | 1.8    | 2.0    | 1.8    | 2.0    |
| Industry                       |              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Index of industrial production | Index        | 147.1  | 160.0  | 148.0  | 154.7  | 151.0  | 149.8  | 145.8  | 146.9  | 150.3  | 148.1  | 157.7  | 161.6  | 151.1  | 164.8  |
| Index of eight core industries | Index        | 157.7  | 175.0  | 161.7  | 168.2  | 163.7  | 162.8  | 156.3  | 155.4  | 162.4  | 159.1  | 168.9  | 173.8  | 163.0  | 181.7  |
| Electricity generation         | billion kWh  | 138.6  | 151.3  | 156.6  | 169.3  | 164.7  | 161.8  | 155.0  | 151.9  | 151.6  | 135.5  | 141.8  | 149.3  | 142.7  | 160.9  |
| Steel production               | mn tonnes    | 11.9   | 12.9   | 12.1   | 12.3   | 11.9   | 12.2   | 12.3   | 11.8   | 12.7   | 12.4   | 13.4   | 13.7   | 12.7   | 13.8   |
| Cement production              | mn tonnes    | 37.8   | 42.7   | 37.4   | 37.1   | 38.6   | 33.9   | 34.5   | 34.8   | 36.4   | 34.4   | 39.0   | 42.8   | 41.7   | 47.6   |
| Coal production                | mn tonnes    | 96.6   | 116.7  | 78.7   | 83.9   | 84.7   | 74.0   | 62.7   | 69.0   | 84.5   | 90.8   | 97.9   | 104.5  | 98.3   | 118.5  |
| Wholesale price index          | Index        | 151.2  | 151.4  | 152.9  | 153.5  | 154.0  | 155.3  | 154.4  | 154.7  | 156.7  | 156.4  | 155.7  | 155.0  | 154.8  | 154.5  |
| Logistics                      |              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rail freight                   | mn tonnes    | 136.6  | 156.6  | 128.3  | 139.2  | 135.5  | 129.7  | 122.8  | 122.8  | 130.9  | 130.2  | 141.4  | 142.7  | 132.5  |        |
| Port cargo                     | mn tonnes    | 67.1   | 74.6   | 67.3   | 72.0   | 69.1   | 70.2   | 69.6   | 65.7   | 68.2   | 67.5   | 72.3   | 76.9   | 72.4   | 83.8   |
| Air cargo                      | '000 ton     | 293.0  | 329.3  | 282.7  | 312.4  | 311.1  | 321.1  | 314.1  | 321.6  | 334.3  | 291.9  | 310.1  | 297.9  | 278.7  | 342.1  |
| E-way bills (volume)           | million      | 97.3   | 103.5  | 96.7   | 103.2  | 100.1  | 104.9  | 105.5  | 109.1  | 117.3  | 101.8  | 112.0  | 118.1  | 111.6  | 124.5  |
| Trade                          |              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Merchandize exports            | USD billion  | 41.4   | 41.7   | 35.3   | 39.6   | 35.2   | 34.7   | 34.5   | 34.3   | 39.0   | 32.0   | 37.9   | 36.4   | 36.9   | 42.0   |
| Merchandize imports            | USD billion  | 60.9   | 57.0   | 54.5   | 61.6   | 56.0   | 58.6   | 68.0   | 58.5   | 64.6   | 63.9   | 58.3   | 59.4   | 51.0   | 63.5   |
| Non-oil merchandize exports    | USD billion  | 33.2   | 36.3   | 28.3   | 31.5   | 29.7   | 28.9   | 28.8   | 29.8   | 34.6   | 28.4   | 33.1   | 32.9   | 31.1   | 37.1   |
| Non-oil merchandize imports    | USD billion  | 44.0   | 40.7   | 38.0   | 41.7   | 40.9   | 44.1   | 55.9   | 43.6   | 45.7   | 48.0   | 44.7   | 46.0   | 39.1   | 44.5   |
| Services exports               | USD billion  | 28.3   | 30.0   | 30.2   | 29.6   | 28.7   | 30.6   | 30.3   | 32.6   | 34.4   | 32.1   | 37.0   | 34.7   | 31.6   | 31.6   |
| Services imports               | USD billion  | 15.2   | 16.6   | 16.7   | 16.9   | 15.1   | 15.9   | 16.5   | 16.5   | 17.2   | 17.2   | 17.8   | 16.7   | 14.5   | 13.7   |



## Digital transactions and energy demand signal robust consumption while EV growth moderates



## High frequency indicators (2/2)

## FASTag collection and UPI transaction remains robust; steady energy consumption amidst cooling automobile demand

Major economic indicators (absolute values), Feb '24 - Mar '25

|                               | Units        | Feb-24  | Mar-24  | Apr-24  | May-24  | Jun-24  | Jul-24  | Aug-24  | Sep-24  | Oct-24  | Nov-24  | Dec-24  | Jan-25  | Feb-25  | Mar-25  |
|-------------------------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Energy                        |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Electricity demand            | billion kWh  | 128.0   | 139.2   | 144.4   | 156.4   | 152.6   | 150.7   | 144.3   | 141.5   | 140.5   | 124.5   | 130.4   | 137.5   | 131.1   | 148.5   |
| Petrol consumption            | mn tonnes    | 3.0     | 3.3     | 3.3     | 3.5     | 3.3     | 3.3     | 3.4     | 3.1     | 3.4     | 3.4     | 3.3     | 3.3     | 3.2     | 3.5     |
| Automobile registrations      |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Passenger vehicles            | '000s        | 309.6   | 301.1   | 319.0   | 286.5   | 267.5   | 303.2   | 294.4   | 260.4   | 473.5   | 310.2   | 283.0   | 445.4   | 287.5   | 319.9   |
| Three-wheeler                 | '000s        | 94.9    | 105.3   | 80.1    | 98.3    | 94.3    | 110.5   | 105.5   | 106.5   | 122.9   | 108.4   | 93.9    | 107.0   | 94.2    | 98.2    |
| Two-wheeler                   | '000s        | 1,446.5 | 1,537.8 | 1,650.5 | 1,540.5 | 1,381.6 | 1,450.7 | 1,345.0 | 1,209.2 | 2,075.6 | 2,627.6 | 1,203.7 | 1,534.6 | 1,361.4 | 1,469.3 |
| Commercial vehicles           | '000s        | 75.4    | 78.7    | 77.3    | 69.4    | 59.1    | 65.9    | 62.0    | 63.6    | 84.4    | 72.1    | 62.3    | 86.7    | 71.3    | 76.9    |
| Passenger vehicles-electric   | '000s        | 6.8     | 7.8     | 7.6     | 7.4     | 6.6     | 7.5     | 6.1     | 5.5     | 10.5    | 8.7     | 8.7     | 10.8    | 8.7     | 11.9    |
| Three-wheeler-electric        | '000s        | 50.6    | 60.8    | 42.0    | 54.7    | 52.3    | 63.7    | 60.7    | 62.9    | 67.2    | 63.4    | 59.4    | 60.0    | 53.1    | 58.6    |
| Two-wheeler-electric          | '000s        | 82.6    | 140.3   | 65.5    | 77.3    | 80.0    | 107.6   | 89.1    | 90.5    | 140.2   | 119.9   | 73.7    | 98.4    | 76.6    | 127.6   |
| Commercial vehicles-electric  | '000s        | 0.5     | 1.7     | 0.3     | 0.3     | 0.4     | 0.4     | 0.4     | 0.5     | 0.5     | 0.4     | 0.5     | 0.6     | 0.5     | 0.7     |
| Services                      |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Air passenger (domestic)      | million      | 12.7    | 13.4    | 13.3    | 13.9    | 13.3    | 13.0    | 13.2    | 13.1    | 13.7    | 14.3    | 15.0    | 14.7    | 14.1    | 14.5    |
| Air passenger (international) | million      | 5.7     | 5.9     | 5.7     | 6.1     | 5.9     | 5.9     | 5.9     | 5.7     | 6.2     | 6.8     | 7.2     | 7.2     | 7.1     | 6.5     |
| FASTag collection (volume)    | million      | 323.4   | 338.7   | 328.1   | 347.4   | 334.4   | 322.7   | 329.0   | 318.4   | 345.0   | 358.8   | 382.0   | 380.3   | 383.9   | 379.1   |
| FASTag collection (value)     | INR billion  | 55.8    | 59.4    | 55.9    | 59.1    | 57.8    | 55.8    | 56.1    | 56.2    | 61.1    | 60.7    | 66.4    | 66.1    | 66.0    | 68.0    |
| UPI transactions (volume)     | billion      | 12.1    | 13.4    | 13.3    | 14.0    | 13.9    | 14.4    | 15.0    | 15.0    | 16.6    | 15.5    | 16.7    | 17.0    | 16.1    | 18.3    |
| UPI transactions (value)      | INR trillion | 18.3    | 19.8    | 19.6    | 20.4    | 20.1    | 20.6    | 20.6    | 20.6    | 23.5    | 21.6    | 23.2    | 23.5    | 22.0    | 24.8    |
| Consumer price index          | Index        | 185.8   | 185.8   | 186.7   | 187.7   | 190.2   | 193.0   | 193.0   | 194.2   | 196.8   | 196.5   | 195.4   | 193.4   | 192.5   | 192.0   |
| Banking                       |              |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Aggregate deposits            | INR trillion | 202.0   | 204.8   | 208.0   | 210.9   | 212.9   | 211.9   | 216.9   | 217.5   | 218.1   | 220.2   | 220.6   | 224.8   | 222.8   | 225.7   |
| Outstanding credit            | INR trillion | 162.1   | 164.3   | 165.5   | 167.8   | 168.9   | 168.1   | 170.1   | 172.2   | 173.2   | 175.1   | 177.4   | 180.6   | 179.9   | 182.4   |



## Manufacturing and power drives industrial growth in March



### **Core sectors**

March IIP grows 3.0% as consumer durables and infrastructure sectors drive expansion while manufacturing and non-durable goods remain subdued Monthly index of industrial production (% yoy), Mar '24 - Mar '25

|                                       | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | Jan-25 | Feb-25 | Mar-25 |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| IIP                                   | 5.5    | 5.2    | 6.3    | 4.9    | 5.0    | 0.0    | 3.2    | 3.7    | 5.0    | 3.7    | 5.2    | 2.7    | 3.0    |
| Sector-based classification           |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Mining                                | 1.3    | 6.8    | 6.6    | 10.3   | 3.8    | (4.3)  | 0.2    | 0.9    | 1.9    | 2.7    | 4.4    | 1.6    | 0.4    |
| Manufacturing                         | 5.9    | 4.2    | 5.1    | 3.5    | 4.7    | 1.2    | 4.0    | 4.4    | 5.5    | 3.7    | 5.8    | 2.8    | 3.0    |
| Electricity                           | 8.6    | 10.2   | 13.7   | 8.6    | 7.9    | (3.7)  | 0.5    | 2.0    | 4.4    | 6.2    | 2.4    | 3.6    | 6.3    |
| Use-based classification              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Primary goods                         | 3.0    | 7.0    | 7.3    | 6.3    | 5.9    | (2.6)  | 1.8    | 2.5    | 2.7    | 3.8    | 5.5    | 2.8    | 3.1    |
| Capital goods                         | 7.0    | 2.8    | 2.6    | 3.6    | 11.7   | 0.0    | 3.5    | 2.9    | 8.9    | 10.5   | 10.2   | 8.2    | 2.4    |
| Intermediate goods                    | 6.1    | 3.8    | 3.5    | 3.2    | 7.0    | 3.1    | 4.3    | 4.8    | 4.8    | 6.4    | 5.3    | 1.0    | 2.3    |
| Infrastructure and construction goods | 7.4    | 8.5    | 7.6    | 8.2    | 5.5    | 2.7    | 3.5    | 4.7    | 8.0    | 8.4    | 7.3    | 6.8    | 8.8    |
| Consumer durable goods                | 9.5    | 10.5   | 12.6   | 8.8    | 8.2    | 5.4    | 6.3    | 5.5    | 14.1   | 8.1    | 7.1    | 3.7    | 6.6    |
| Consumer non-durable goods            | 5.2    | (2.5)  | 2.8    | (1.0)  | (4.2)  | (4.4)  | 2.2    | 2.8    | 0.6    | (7.1)  | 0.1    | (2.1)  | (4.7)  |

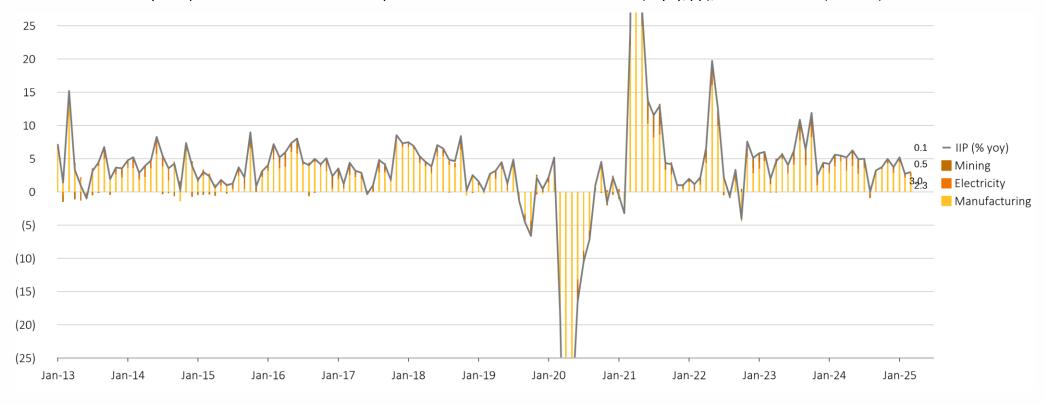
Source: Thurro, MOSPI, NIIF Research



#### **Core sectors**

### Manufacturing, electricity and mining contributed 2.3pp, 0.5pp and 0.1pp to the 3.0% IIP growth in March

Contribution from key components of index of industrial production - sector-based classification (% yoy/pp), FY2013-FY2025 (Mar '25)



Source: Thurro, MOSPI, NIIF Research

#### Note:

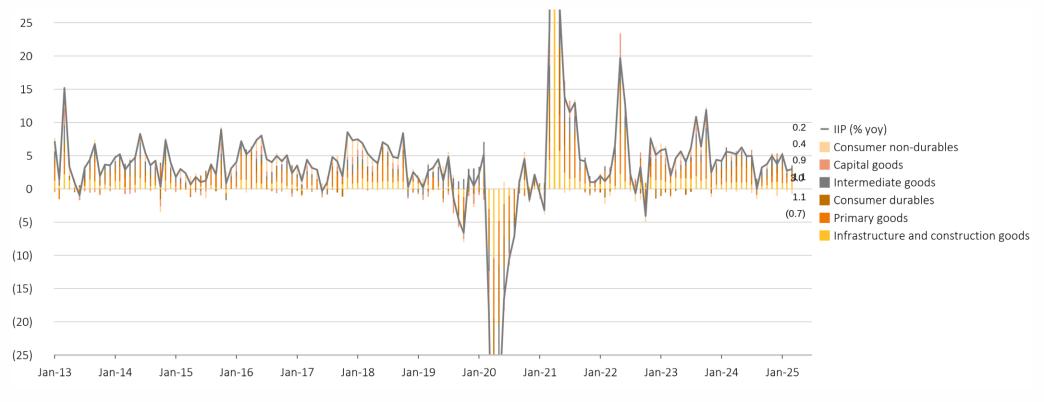
1. Mining accounts for ~14.37%, manufacturing 77.63%, and electricity 7.99% weight in the Index of Industrial Production



#### **Core sectors**

### Infrastructure, primary, and consumer durables contribute 1.1pp, 1.1pp, and 0.9pp respectively in March

Contribution from key components of index of industrial production - use-based classification (% yoy/pp), FY2013-FY2025 (Mar '25)



Source: Thurro, MOSPI, NIIF Research

#### Note:

1. Primary goods account for ~34.05%, capital goods 8.22%, intermediate 17.22%, infrastructure and construction goods 12.34%, consumer durables 12.84%, and consumer non-durable goods 15.33% weight in the Index of Industrial Production



## Credit growth driven by retail, agriculture and infrastructure in February



**Bank: Credit and deposits** 

## Agriculture, construction, and services (trade and commercial real estate) sectors drive credit growth in February

Monthly total credit outstanding by sector (INR trillion), Feb '24 - Feb '25

|                                  | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | Jan-25 | Feb-25 | Growth (% yoy) |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|
| Agriculture                      | 20.3   | 20.7   | 21.1   | 21.4   | 21.6   | 21.6   | 21.6   | 21.7   | 22.1   | 22.2   | 22.4   | 22.5   | 22.6   | 11.4           |
| Industry                         | 36.2   | 36.5   | 36.6   | 37.0   | 37.3   | 37.2   | 37.6   | 38.0   | 37.7   | 38.1   | 38.5   | 38.7   | 38.8   | 7.1            |
| Construction                     | 1.3    | 1.3    | 1.3    | 1.4    | 1.4    | 1.4    | 1.4    | 1.4    | 1.4    | 1.4    | 1.4    | 1.5    | 1.5    | 12.4           |
| Infrastructure                   | 12.9   | 13.0   | 13.2   | 13.4   | 13.2   | 13.0   | 13.1   | 13.0   | 13.0   | 13.1   | 13.1   | 13.1   | 13.0   | 0.8            |
| Power                            | 6.5    | 6.4    | 6.5    | 6.6    | 6.5    | 6.4    | 6.4    | 6.4    | 6.5    | 6.5    | 6.6    | 6.6    | 6.6    | 2.4            |
| Telecom                          | 1.3    | 1.4    | 1.4    | 1.3    | 1.3    | 1.3    | 1.3    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | (8.9)          |
| Roads                            | 3.2    | 3.2    | 3.3    | 3.4    | 3.4    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.3    | 3.1    | 3.2    | (0.6)          |
| Services                         | 45.2   | 45.9   | 45.9   | 46.8   | 47.1   | 46.0   | 46.4   | 47.4   | 47.8   | 48.5   | 49.6   | 50.1   | 50.6   | 12.0           |
| Services - NBFC                  | 15.1   | 15.5   | 15.5   | 15.7   | 15.6   | 15.3   | 15.2   | 15.3   | 15.4   | 15.8   | 16.2   | 16.2   | 16.1   | 6.4            |
| Services - Trade                 | 10.1   | 10.3   | 10.2   | 10.5   | 10.6   | 10.4   | 10.5   | 10.7   | 10.8   | 10.8   | 11.1   | 11.3   | 11.6   | 14.7           |
| Services- Commercial Real Estate | 4.6    | 4.7    | 4.5    | 4.8    | 4.8    | 4.8    | 4.9    | 5.0    | 5.1    | 5.1    | 5.2    | 5.2    | 5.3    | 13.5           |
| Retail loans                     | 52.6   | 53.3   | 53.6   | 54.6   | 54.9   | 55.3   | 55.6   | 56.0   | 56.5   | 57.3   | 57.9   | 58.3   | 58.8   | 11.7           |
| Other non-food loans             | 7.5    | 7.6    | 7.5    | 7.6    | 7.7    | 7.7    | 8.0    | 8.0    | 8.1    | 8.3    | 8.4    | 8.5    | 8.7    | 16.3           |
| Non-food Credit                  | 161.7  | 164.1  | 164.8  | 167.4  | 168.5  | 167.9  | 169.2  | 171.1  | 172.2  | 174.6  | 176.9  | 178.2  | 179.4  | 10.9           |
| <b>Total Credit Outstanding</b>  | 162.1  | 164.3  | 164.9  | 167.8  | 168.8  | 168.1  | 169.5  | 171.3  | 172.4  | 175.1  | 177.4  | 178.7  | 179.9  | 11.0           |

Source: Thurro, RBI, NIIF Research



## Surge in loans against gold drives overall growth in personal loans



**Bank: Credit and deposits** 

### Personal loan growth driven by loans against gold jewellery and fixed deposits, and education in February

Monthly retail loans (INR trillion), Feb '24 - Feb '25

|                                 | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | Jan-25 | Feb-25 | Growth (% yoy) |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|
| Personal loans                  | 52.6   | 53.3   | 53.6   | 54.6   | 54.9   | 55.3   | 55.6   | 56.0   | 56.5   | 57.3   | 57.9   | 58.3   | 58.8   | 11.7           |
| Housing                         | 26.8   | 27.2   | 27.4   | 27.9   | 28.0   | 28.1   | 28.3   | 28.5   | 28.7   | 29.1   | 29.3   | 29.5   | 29.8   | 11.1           |
| Vehicle loans                   | 5.7    | 5.7    | 5.9    | 6.0    | 6.0    | 6.2    | 6.1    | 6.2    | 6.2    | 6.1    | 6.1    | 6.2    | 6.2    | 9.6            |
| Credit card outstanding         | 2.6    | 2.6    | 2.6    | 2.7    | 2.7    | 2.8    | 2.8    | 2.7    | 2.8    | 2.9    | 2.9    | 2.9    | 2.9    | 11.2           |
| Loans against gold jewellery    | 1.0    | 1.0    | 1.0    | 1.2    | 1.2    | 1.3    | 1.4    | 1.5    | 1.5    | 1.6    | 1.7    | 1.8    | 1.9    | 87.4           |
| Advances against fixed deposits | 1.2    | 1.3    | 1.2    | 1.2    | 1.3    | 1.2    | 1.2    | 1.3    | 1.3    | 1.3    | 1.4    | 1.4    | 1.3    | 11.9           |
| Education                       | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.3    | 1.3    | 1.3    | 1.3    | 1.3    | 1.4    | 1.4    | 15.3           |
| Consumer durables               | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 2.2            |
| Others                          | 13.9   | 14.0   | 13.9   | 14.0   | 14.0   | 14.2   | 14.1   | 14.3   | 14.3   | 14.7   | 14.8   | 14.9   | 15.0   | 7.9            |

Source: Thurro, RBI, NIIF Research





Inflation

## Consumer price inflation moderates to 3.3% in March led by lower energy, and food prices

Monthly consumer price inflation (% yoy), Mar '24 - Mar '25

|                                  | Weights | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | Jan-25 | Feb-25 | Mar-25 |
|----------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Consumer Price Index             | 100.0   | 4.9    | 4.8    | 4.8    | 5.1    | 3.6    | 3.7    | 5.5    | 6.2    | 5.5    | 5.2    | 4.3    | 3.6    | 3.3    |
| Consumer Price Index - Core      | 47.3    | 3.2    | 3.4    | 3.3    | 3.1    | 3.6    | 3.5    | 3.6    | 3.9    | 3.6    | 3.6    | 3.7    | 4.0    | 4.3    |
| Food and beverages               | 45.9    | 7.7    | 7.9    | 7.9    | 8.4    | 5.1    | 5.3    | 8.4    | 9.7    | 8.2    | 7.7    | 5.7    | 3.8    | 2.9    |
| Pan, tobacco and intoxicants     | 2.4     | 3.1    | 3.0    | 3.0    | 3.1    | 3.0    | 2.7    | 2.5    | 2.5    | 2.3    | 2.5    | 2.3    | 2.4    | 2.5    |
| Clothing and footwear            | 6.5     | 3.0    | 2.9    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7    | 2.6    |
| Housing                          | 10.1    | 2.7    | 2.7    | 2.6    | 2.7    | 2.7    | 2.7    | 2.7    | 2.8    | 2.9    | 2.7    | 2.8    | 2.9    | 3.0    |
| Fuel and light                   | 6.8     | (3.4)  | (4.0)  | (3.7)  | (3.6)  | (5.5)  | (5.3)  | (1.3)  | (1.7)  | (1.8)  | (1.3)  | (1.5)  | (1.3)  | 1.5    |
| Miscellaneous                    | 28.3    | 3.5    | 3.5    | 3.4    | 3.4    | 3.8    | 3.9    | 4.0    | 4.3    | 4.3    | 4.2    | 4.3    | 4.8    | 5.0    |
| Household goods and services     | 3.8     | 2.7    | 2.7    | 2.5    | 2.4    | 2.3    | 2.4    | 2.5    | 2.7    | 2.8    | 2.8    | 2.9    | 2.8    | 2.7    |
| Health                           | 5.9     | 4.3    | 4.3    | 4.2    | 4.1    | 4.1    | 4.1    | 4.1    | 4.0    | 4.0    | 4.0    | 4.0    | 4.1    | 4.3    |
| Transportation and communication | 8.6     | 1.5    | 1.1    | 1.0    | 1.0    | 2.6    | 2.7    | 2.7    | 2.8    | 2.7    | 2.6    | 2.8    | 2.9    | 3.3    |
| Recreation and amusement         | 1.7     | 2.8    | 2.6    | 2.6    | 2.3    | 2.2    | 2.4    | 2.4    | 2.4    | 2.6    | 2.7    | 2.7    | 2.7    | 2.4    |
| Education                        | 4.5     | 4.7    | 4.2    | 4.1    | 3.6    | 3.5    | 3.9    | 3.8    | 3.9    | 3.9    | 3.9    | 3.8    | 3.8    | 4.0    |
| Personal Care and effects        | 3.9     | 6.0    | 7.4    | 7.7    | 8.2    | 8.4    | 8.0    | 9.0    | 11.0   | 10.4   | 9.8    | 10.6   | 13.6   | 13.5   |

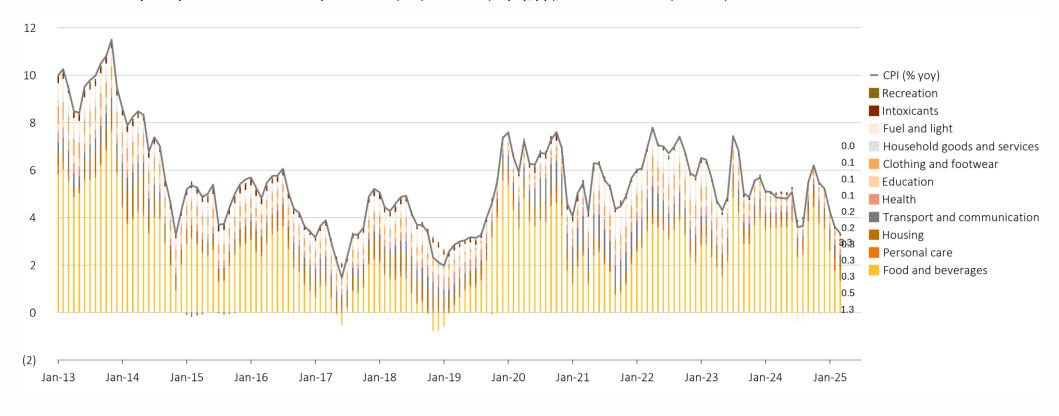
Source: Thurro, MoSPI, NIIF Research



#### **Inflation**

## Food and beverages and personal care account 1.3pp and 0.5pp respectively in March's 3.3% consumer inflation

Contribution of key components to consumer price index (CPI) inflation (% yoy/pp), FY2013-FY2025 (Mar '25)



Source: Thurro, MoSPI, NIIF Research

#### Note:

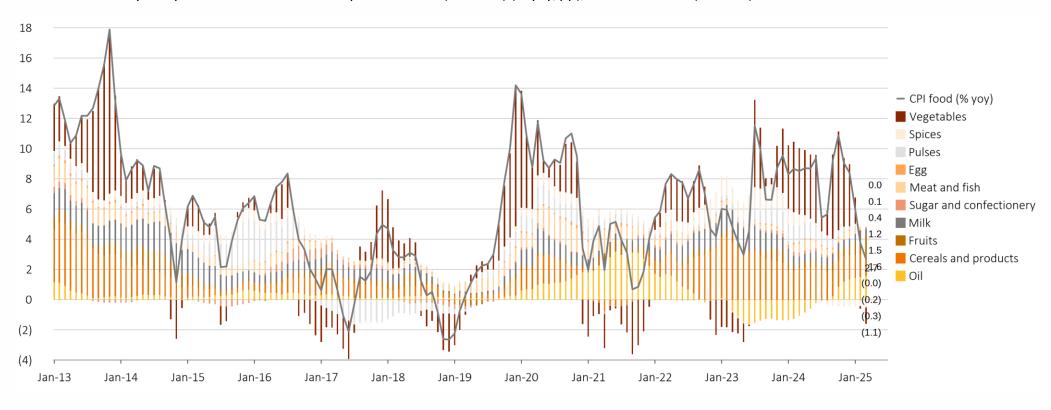
1. Food and beverages account for ~45.86%, intoxicants 2.38%, clothing and footwear 6.53%, housing 10.07%, fuel and light 6.84%, and household goods and services 3.8%, health 5.89%, transport and communication 8.59%, recreation 1.68%, education 4.46%, and personal care 3.89% weight in the headline consumer price index inflation





#### Inflation

## Oil, cereals, and fruits contribute 1.6pp, 1.5pp, and 1.2pp to March's 2.9% food inflation; vegetable prices decline Contribution of key components to consumer food price inflation (CPI food) (% yoy/pp), FY2013-FY2025 (Mar '25)



Source: Thurro, MoSPI, NIIF Research

#### Note:

1. Cereals account for ~9.67%, meat and fish 3.61%, egg 0.43%, milk 6.61%, oils 3.56%, fruits 2.89%, vegetables 6.04%, pulses 2.38%, sugar and confectionary 1.36%, and spices 2.5% weight in the consumer food price index inflation



## Wholesale inflation eases as energy and food price pressures moderate



Inflation

### Wholesale inflation moderates to 2% in March despite price growth in power and manufactured goods

Monthly wholesale price inflation (% yoy), Mar '24 - Mar '25

|                                      | Weights | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | Aug-24 | Sep-24 | Oct-24 | Nov-24 | Dec-24 | Jan-25 | Feb-25 | Mar-25 |
|--------------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| WPI                                  | 100.0   | 0.3    | 1.2    | 2.7    | 3.4    | 2.1    | 1.2    | 1.9    | 2.8    | 2.2    | 2.6    | 2.5    | 2.4    | 2.0    |
| Primary articles                     | 22.6    | 4.6    | 5.2    | 7.4    | 9.2    | 3.2    | 2.5    | 6.5    | 8.3    | 5.5    | 6.0    | 4.6    | 2.8    | 0.8    |
| Food articles                        | 15.3    | 7.0    | 8.1    | 9.9    | 11.1   | 3.5    | 3.1    | 11.5   | 13.5   | 8.5    | 8.5    | 5.8    | 3.4    | 1.6    |
| Non-food articles                    | 4.1     | (4.2)  | (4.8)  | (3.9)  | (1.0)  | (1.9)  | (1.8)  | (1.5)  | (1.3)  | (0.6)  | 2.4    | 3.0    | 4.8    | 1.8    |
| Minerals                             | 0.8     | (0.4)  | (0.3)  | 5.7    | 10.7   | 5.2    | 10.8   | 1.0    | 4.5    | 6.3    | 5.7    | 1.6    | 1.0    | 2.8    |
| Crude oil, petroleum and natural gas | 2.4     | 4.9    | 5.0    | 9.8    | 12.6   | 9.1    | 1.8    | (13.0) | (11.8) | (7.7)  | (6.8)  | (0.5)  | (4.1)  | (7.6)  |
| Fuel and power                       | 13.2    | (2.7)  | (0.9)  | 1.0    | 0.5    | 1.9    | (0.5)  | (3.9)  | (4.3)  | (4.0)  | (2.6)  | (1.9)  | (0.7)  | 0.2    |
| Coal                                 | 2.1     | 0.5    | 0.3    | 1.2    | (1.3)  | (1.5)  | (1.5)  | (0.8)  | (0.9)  | (0.9)  | (0.8)  | (0.4)  | (0.3)  | (0.1)  |
| Mineral oils                         | 7.9     | (3.5)  | (0.1)  | 2.0    | 1.9    | 3.7    | (0.4)  | (5.7)  | (7.6)  | (5.2)  | (3.8)  | (2.6)  | (0.8)  | (1.6)  |
| Electricity                          | 3.1     | (2.6)  | (3.9)  | (2.0)  | (2.4)  | (1.0)  | (0.2)  | (0.2)  | 3.4    | (2.5)  | (0.6)  | (0.9)  | (0.6)  | 5.5    |
| Manufactured products                | 64.2    | (0.8)  | (0.1)  | 1.0    | 1.5    | 1.6    | 1.0    | 1.1    | 1.8    | 2.1    | 2.1    | 2.6    | 2.9    | 3.1    |

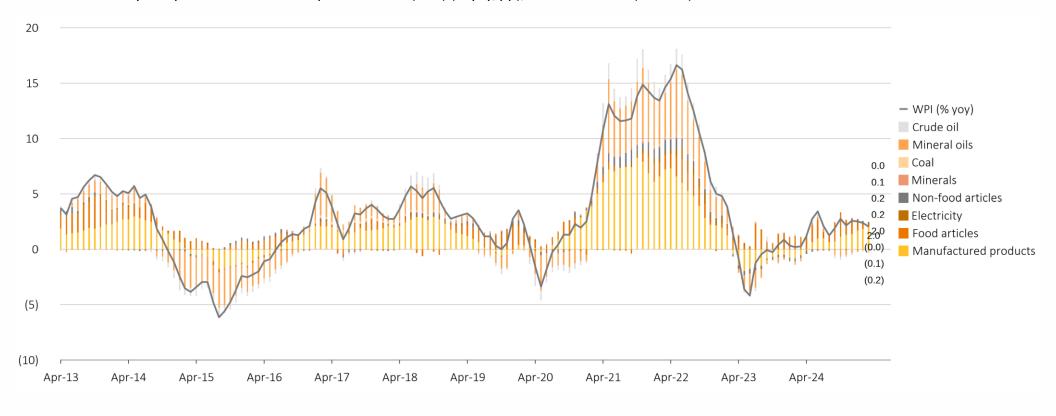
Source: Thurro, EAI, NIIF Research



### Inflation

### Manufacturing products contribute entirely to wholesale price inflation of 2% in March

Contribution of key components to wholesale price inflation (WPI) (% yoy/pp), FY2014-FY2025 (Mar '25)



Source: Thurro, Office of the Economic Advisor, NIIF Research

#### Note:

1. Food articles account for ~15.26%, non-food 4.12%, mineral 0.83%, crude oil 2.41%, coal 2.14%, mineral oils 7.95%, electricity 3.06%, and manufactured products 64.23% weight in the wholesale price index inflation



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# MONTHLY ECONOMIC REPORT ON INDIA APR 2025

## **Contact**



• Akshata Kalloor akshata.kalloor@niifindia.in



• Arpit Barman arpit.barman@niifindia.in

Volume 41
Published on Apr 29, 2025