Azadi Ka Amrit Mahotsav

Launch of Integrated Dashboard for Performance Monitoring of Infrastructure Sector in India

Stepping towards Infrastructure excellence with enhanced performance monitoring of infrastructure sub-sectors through PAIMANA

Posted On: 16 APR 2026 4:00PM by PIB Delhi

The Ministry of Statistics and Programme Implementation (MoSPI) operationalised PAIMANA (Project Assessment, Infrastructure Monitoring & Analytics for Nation-building) on 25th September 2025 for the mandated monitoring of Central Sector Infrastructure Projects replacing the erstwhile OCMS-2006 (Online Computerized Monitoring system). To further strengthen the efforts towards infrastructure monitoring, MoSPI has launched a **Performance Monitoring Dashboard** for tracking infrastructure performance across key sub-sectors, marking a significant step towards strengthening data-driven governance and evidence-based policymaking in the country.

2. Key Features of the Revamped Framework of Infrastructure Performance Monitoring

> - The revamped framework, worked out in collaboration with National Institute of Public Finance and Policy, is aligned with the Harmonized Master List (HML) of Infrastructure (2022) of the Department of Economic Affairs.
> - Indicators have been rationalised to avoid duplication with existing indices such as the Index of Industrial Production (IIP) and Eight Core Industries.
> - Development of Comprehensive Indicator Framework for 6 infrastructure sub-sectors: Power; Civil Aviation; Telecommunications; Railways; Roads; Ports, Shipping and Waterways. At present, 116 indicators are available on the performance monitoring dashboard.
> - A **unified digital interface** for monitoring sector-wise performance with interactive visualization and time-series analysis for improved accessibility for policymakers, researchers and stakeholders.
> - A centralized dashboard with a unified cross-sector view of infrastructure sectors strengthening inter-sectoral analysis.

- MoSPI has been monitoring infrastructure performance across 11 key sectors covering 28 sub-indicators, including power, roads, railways, civil aviation, telecommunications and ports. The existing framework assesses sectoral performance based on growth rates (year-on-year, month-on-month and cumulative), achievement against targets & capacity utilisation in select sectors.
- The revamped approach marks a shift from measuring sectoral outputs (production) to assessing multi-dimensional infrastructure performance across the dimensions of **access**: which measure how widely infrastructure is available; **quality**: which assess its usefulness and reliability; **fiscal cost & revenue**: which assess allocation and use of financial resources for infrastructure; **utilization**: evaluate how

efficiently infrastructure is used for its defined purpose; **affordability**: determine whether it is economically accessible to people. The above categorisation of indicators improves analysis by moving beyond simple output tracking to a more holistic evaluation of infrastructure performance across multiple dimensions enabling informed policy decisions and targeted interventions.

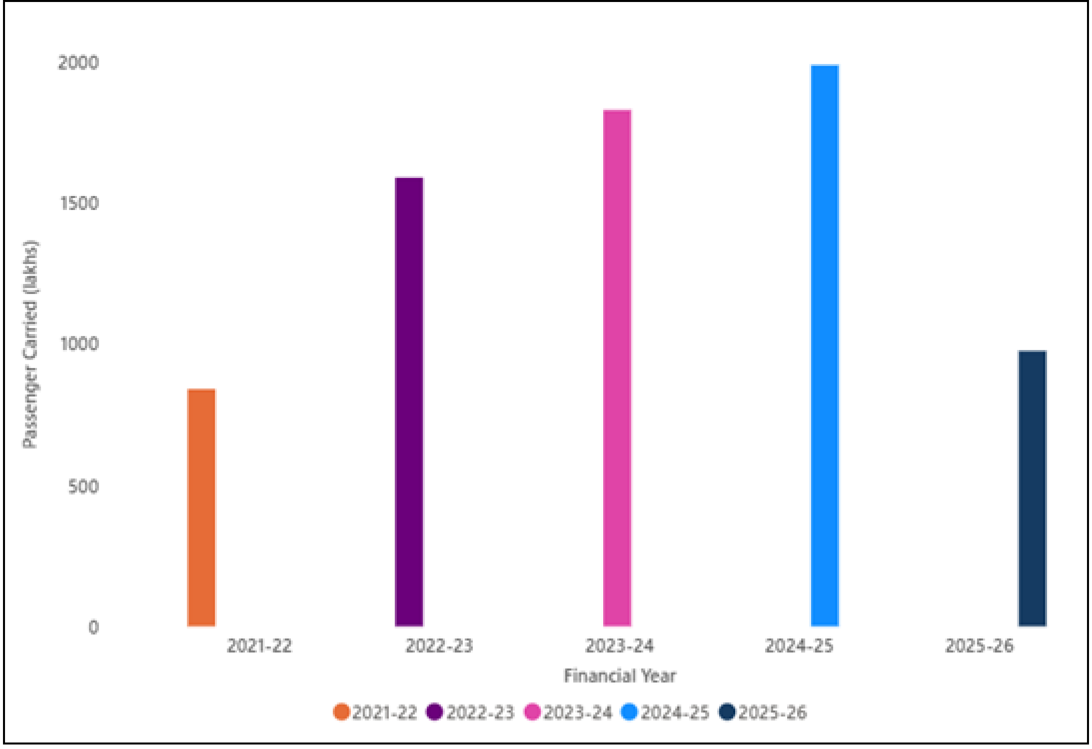
- At present, 116 indicators are available on the performance monitoring dashboard.

S. No	Infrastructure sub-sector	Dashboard Indicators
1	Civil Aviation	29
2	Roads	9
3	Power	13
4	Ports, Shipping & Waterways	49
5	Telecommunications	7
6	Railways	9
Total		**116**

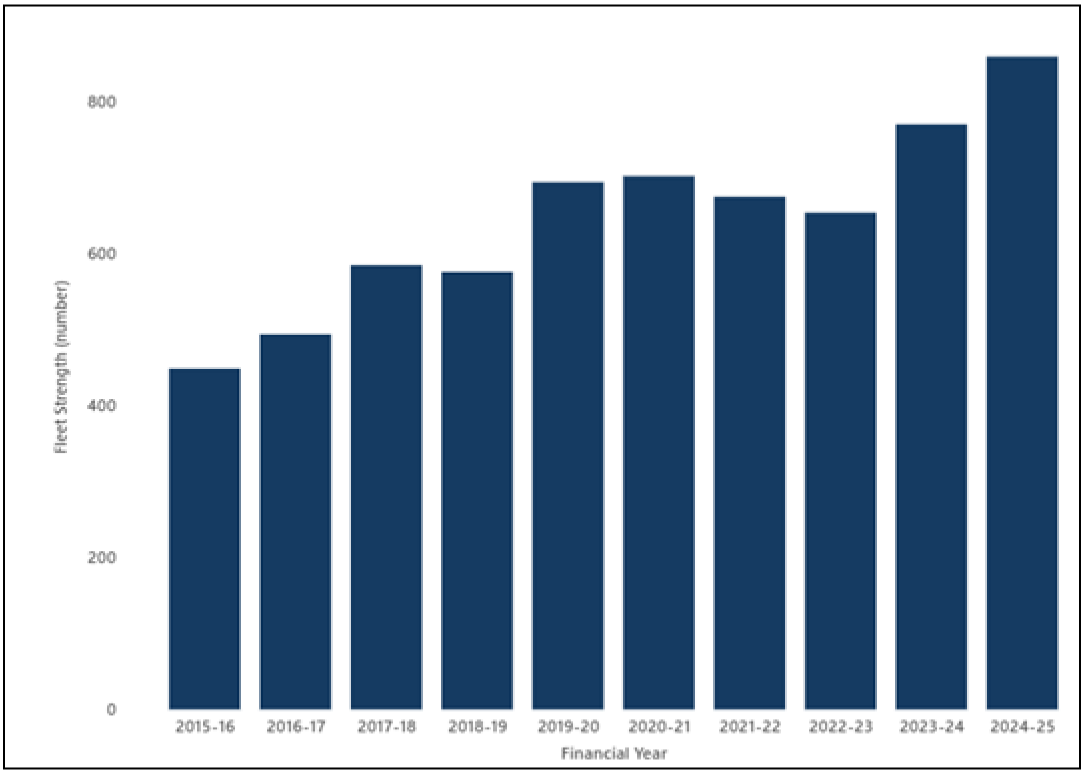
3. Key Highlights:

- Civil Aviation sector maintained steady expansion with 163 operational aerodromes, strengthening regional connectivity.
- Power sector sustained strong growth, with **installed capacity rising to 4,75,211 MW (7.5% YoY)** in FY 2024–25.
- Telecommunication sector continued strong digital expansion, with average **wireless data usage rising to 25.2 GB per subscriber per month** (17.2% YoY) in FY 2025–26 (up to December), reflecting sustained broadband adoption.
- Road Transport and Highways sector maintained steady progress, with 4,989 km of National Highways constructed in FY 2025–26 (up to December).
- Railways sector continued to strengthen, with **route length expanding to 1,11,641 km (1.7% YoY)** in FY 2024–25.
- Ports, Shipping & Waterways sector maintained steady growth with 229 ports, **2.32 crore passenger traffic**.

- **Civil Aviation:** In FY 2025–26 (up to September), **passenger traffic reached 20.2 crore** (2.6% YoY) and **cargo handled stood at 19.8 lakh tonnes** (4.6% YoY), reflecting sustained demand. Capacity utilisation remained healthy, with **Passenger Load Factor at 81.8%** and **Weight Load Factor at 75.6%**, indicating continued operational recovery.

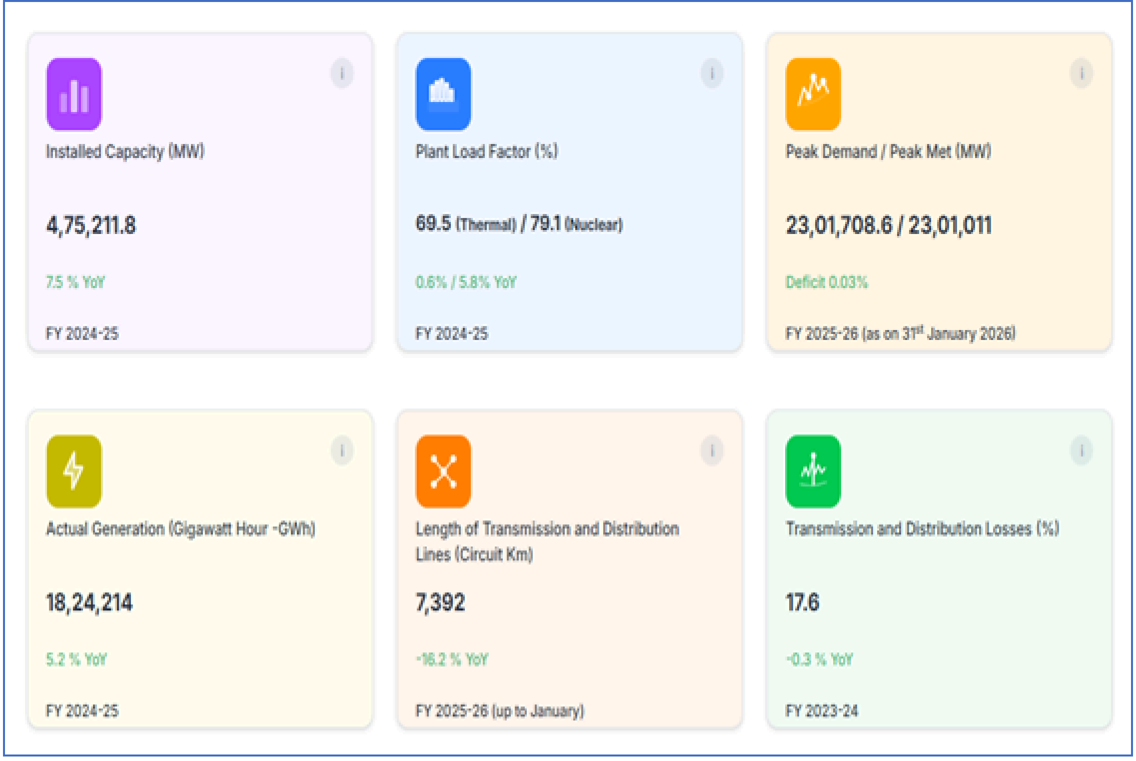


Passengers handled at airports from FY 2021-22 onwards (FY 2025-26: As on 30/09/2025)

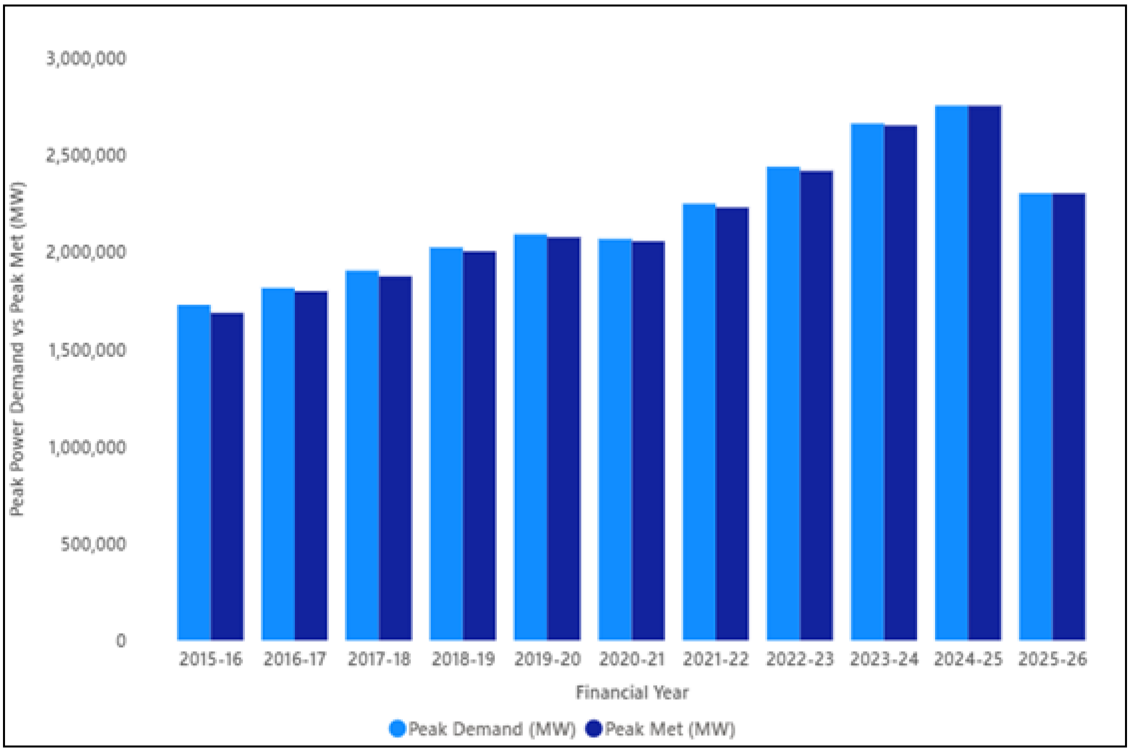


Fleet Strength of all Scheduled Indian Operators from FY 2015-16 onwards

- **Power:** Capacity utilisation remained robust for FY 2024-25, with **Plant Load Factor at 69.5% (thermal) and 79.1% (nuclear)**, while captive generation stood at 2,32,629 GWh (3.9% YoY). Grid reliability stayed strong, with **peak demand of 23,01,708.6 MW in FY 2025–26 (up to January) almost fully met**, with only a 0.03% deficit.

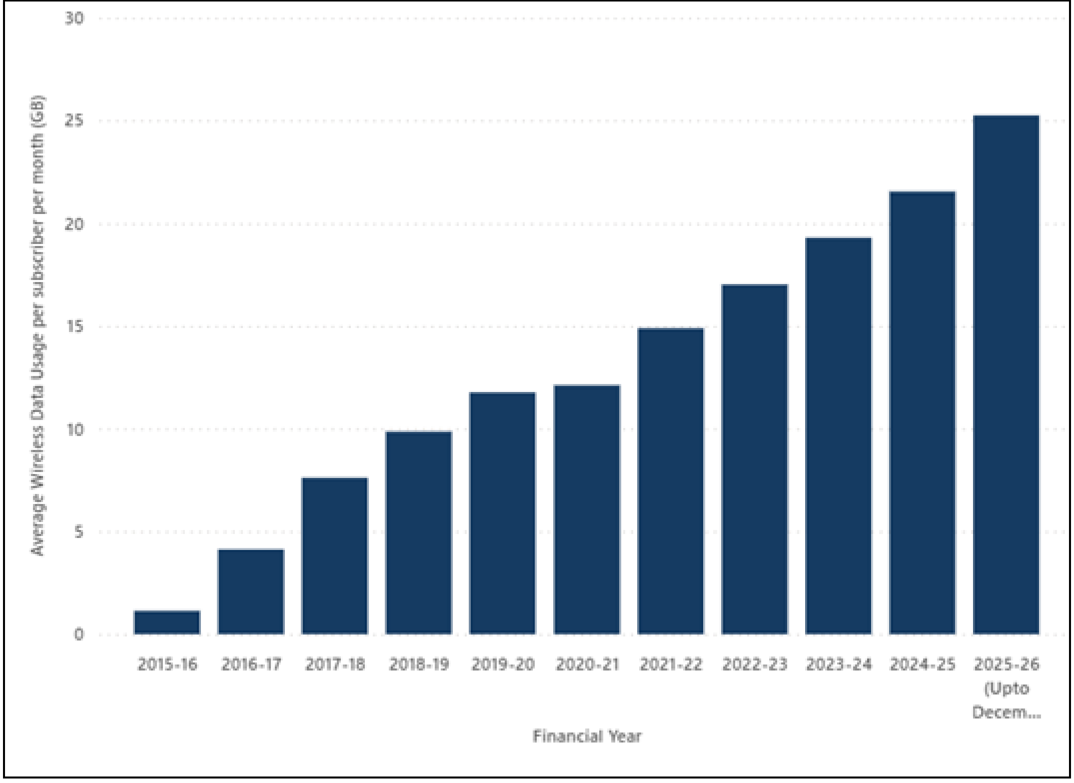


Dashboard Overview for Power sub-sector

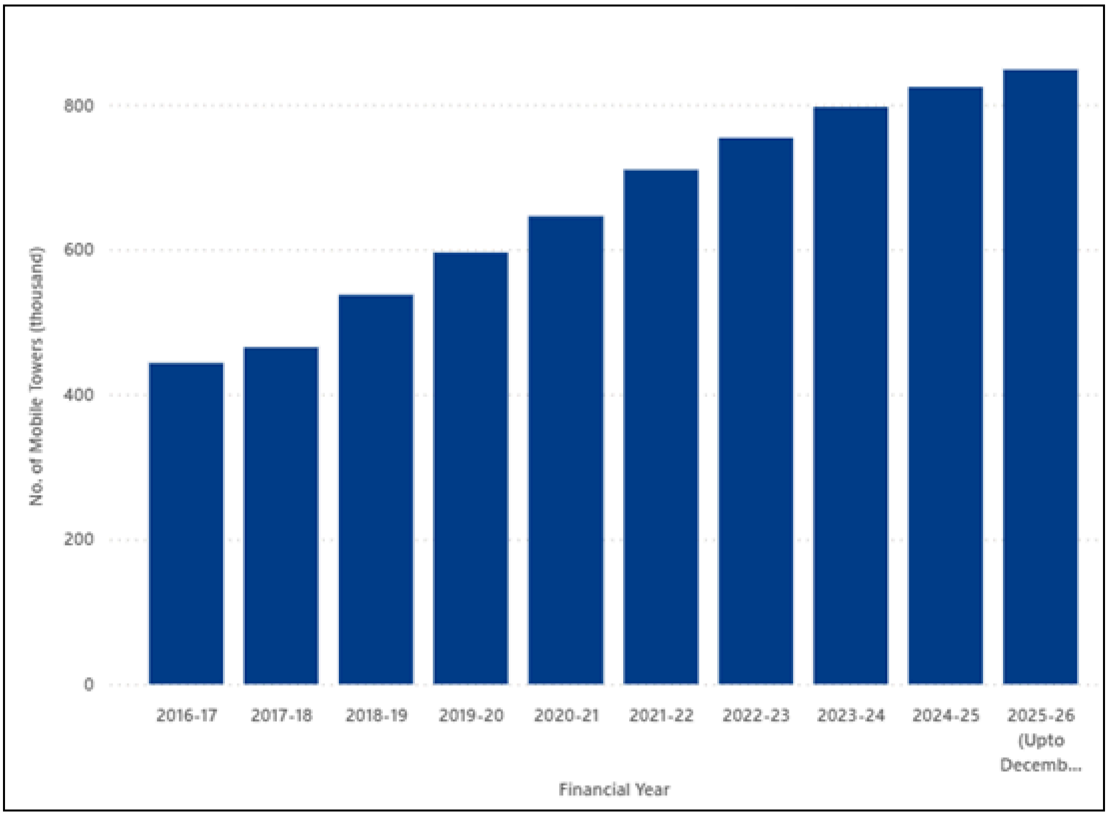


Peak Power Demand vs Peak Met from FY 2015-16 onwards (FY 2025-26: As on 28/02/2026)

- **Telecommunication:** Network infrastructure strengthened with **8.48 lakh telecom towers** (2.9% YoY), while **tele-density improved to 91.7** (7.8% YoY), indicating deeper telecom penetration and wider digital access.

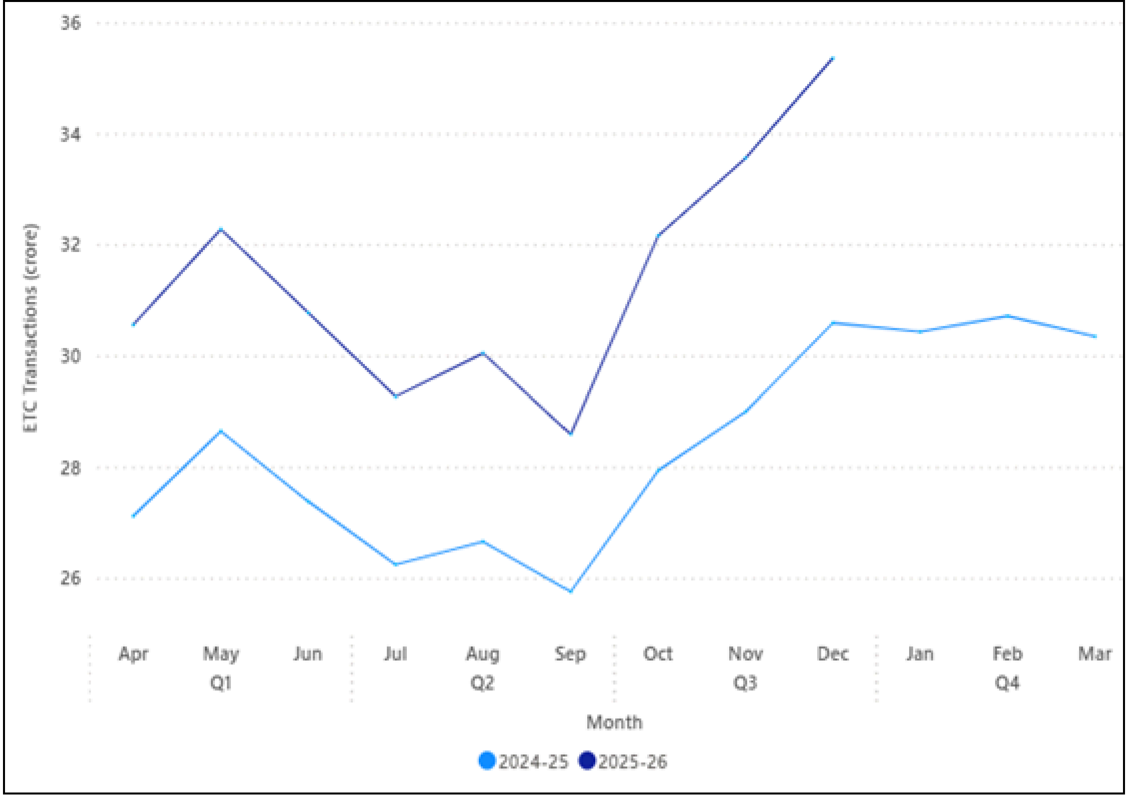


Average wireless data usage per subscriber per month from FY 2015-16 onwards (FY 2025-26: As on 31/12/2025)

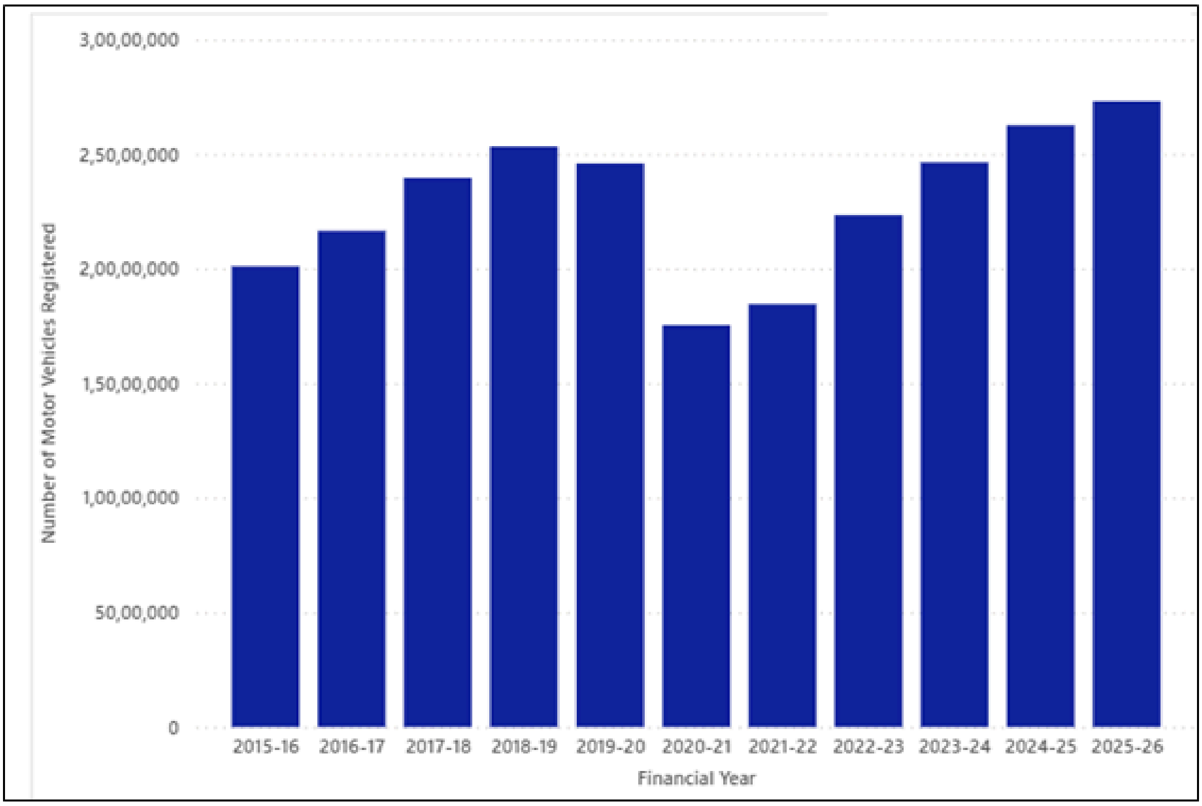


Number of Telecom Towers from FY 2016-17 onwards (FY 2025-26: As on 31/12/2025)

- Road Transport and Highways sector: Digital tolling also strengthened, with **114.4 lakh FASTags issued** and electronic toll collection transactions rising to 282.5 crore (13.3% YoY), indicating **wider adoption of cashless toll systems**.

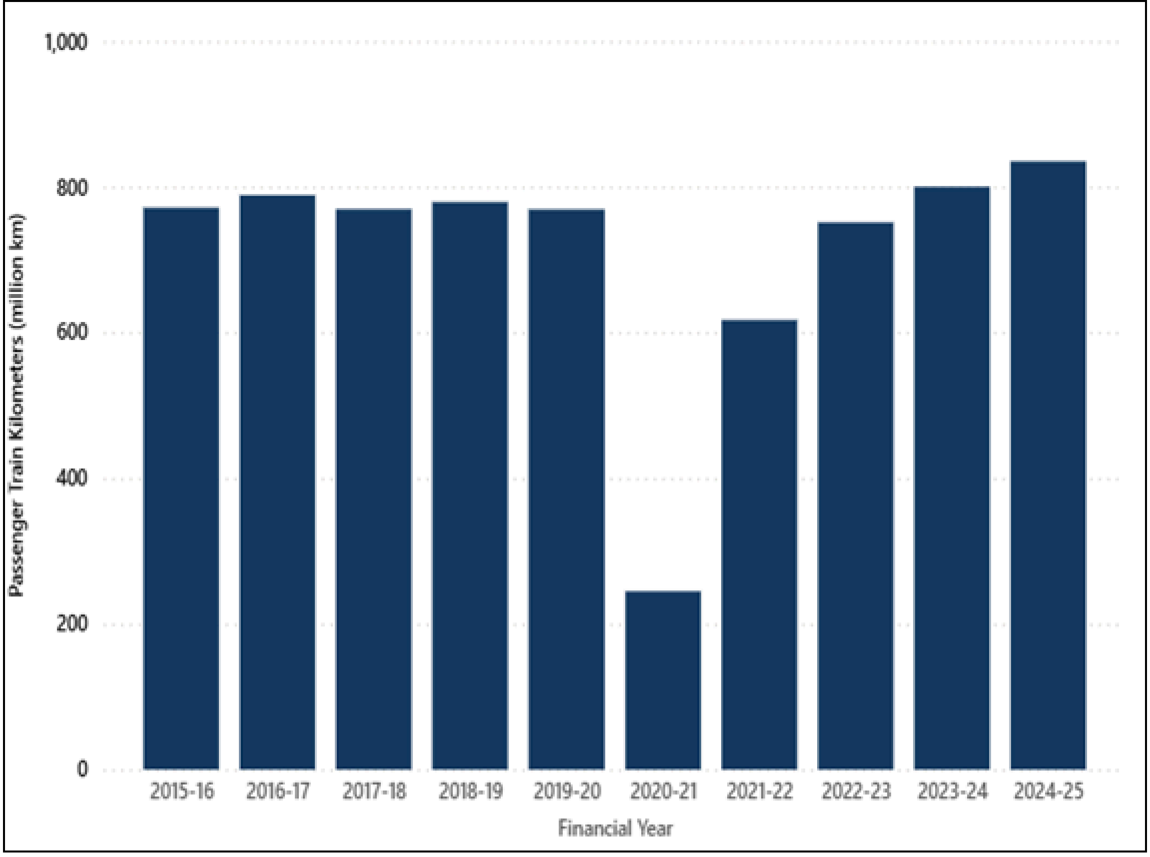


Electronic Toll Transactions - FY 2024-25 vs FY 2025-26 (FY 2025-26: Up to Q3)

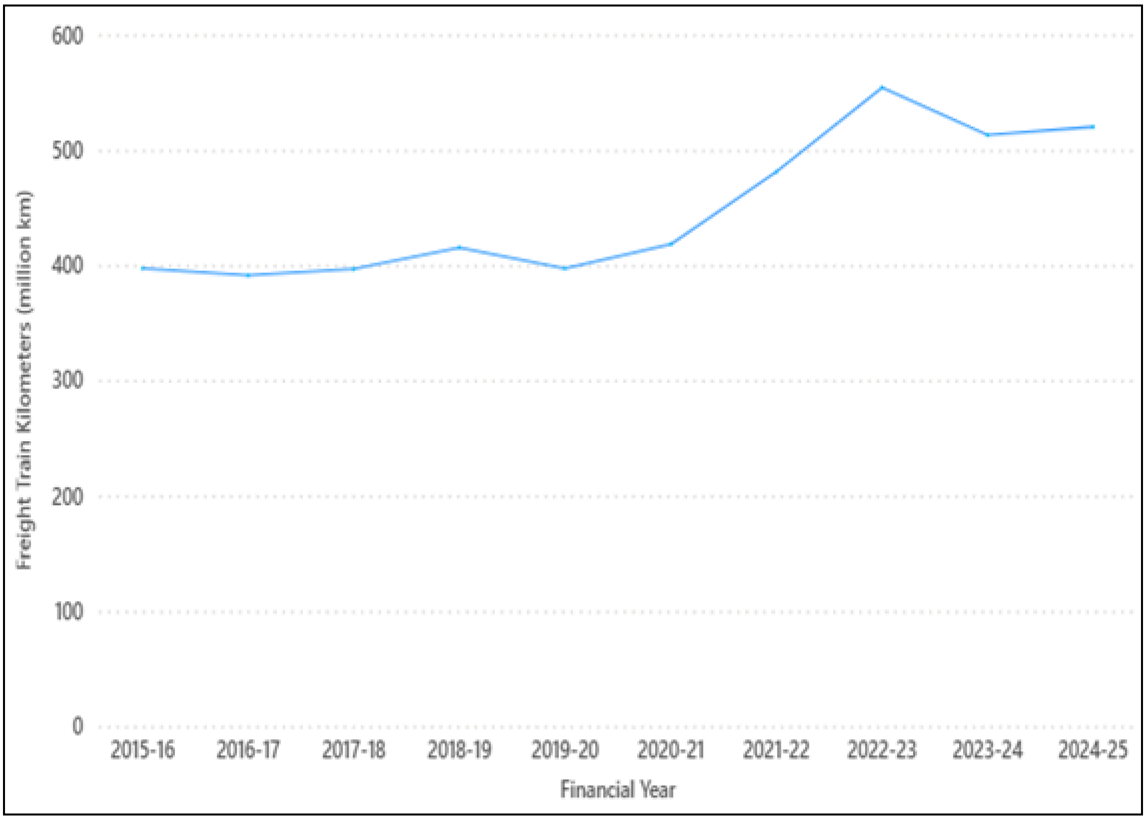


Number of Motor Vehicles Registered from FY 2015-16 onwards (FY 2025-26: As on 31/12/2025)

- Railways sector: Passenger operations sustained recovery, with **passenger train kilometres rising to 835 million km** (4.4% YoY), while the **punctuality index for Mail/Express trains improved to 77.1%** (4.8% YoY), indicating better efficiency and reliability.

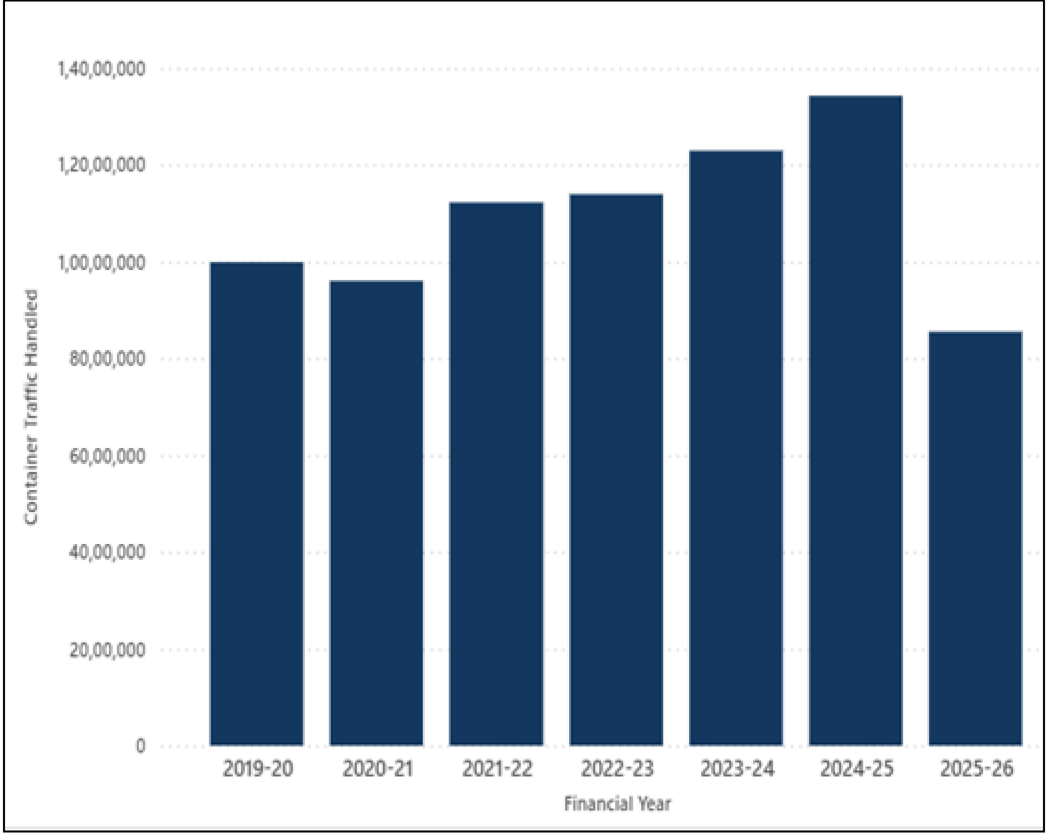


Passenger Train Kilometers from FY 2015-16 onwards

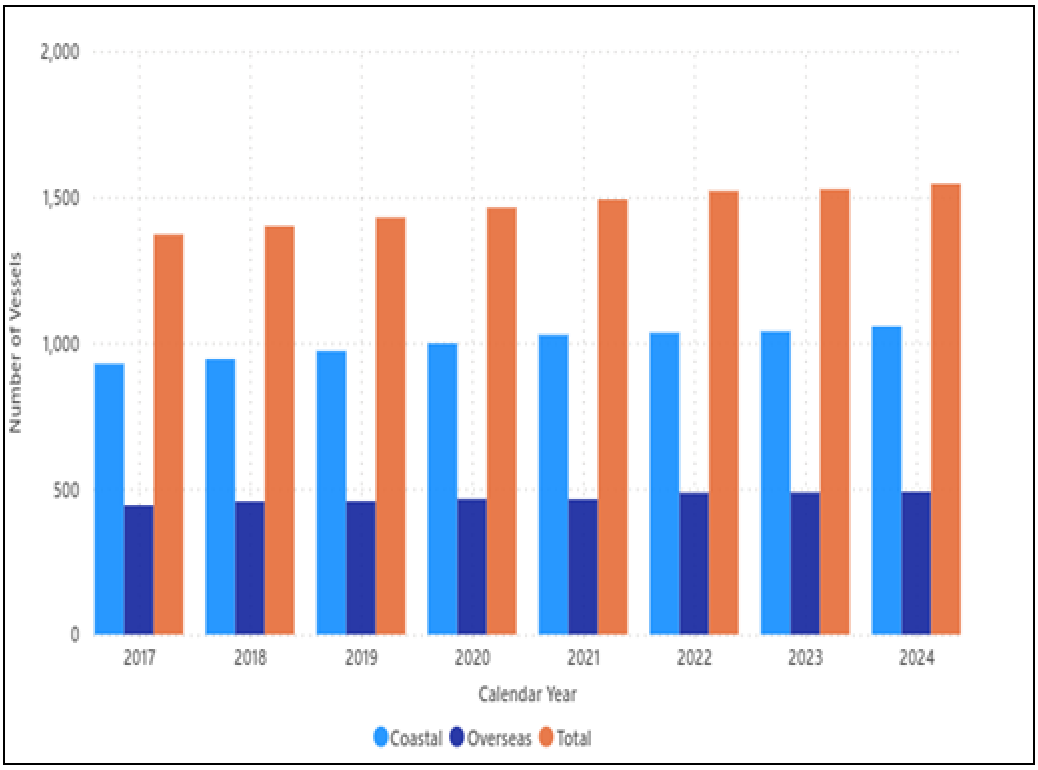


Freight Train Kilometers since FY 2015-16 onwards

- Ports, Shipping & Waterways sector: **India's fleet rose to 1,545 vessels (1.2% YoY) in FY 2023–24**. Inland water transport also strengthened, with waterways length reaching 29,267 km (4.2% YoY), supporting better multimodal connectivity.



Container traffic handled at Non-major ports from FY 2015-16 onwards (FY 2025-26: As on 30/10/2025)



Number of vessels basis route type from calendar year 2017 onwards

4. The launch of the revamped Performance Monitoring Dashboard represents a major step towards enhancing transparency, efficiency, and accountability in infrastructure monitoring. By leveraging technology and developing a comprehensive indicator framework, MoSPI aims to support sustainable and inclusive infrastructure development in the country.

5. Next date of Press Release: Dashboards for Performance Monitoring will be updated on a quarterly basis. Next update would be on 16th July 2026.

Note: The press release summarizes highlights from the newly launched MoSPI's performance monitoring dashboard, available at https://paimana-perf.mospi.gov.in or via the QR code

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Samrat/Pranab