

Railways in India 2018

Market Analysis, Outlook and Opportunities

- ❖ Report (PDF)
- ❖ Data-set (Excel)
- ❖ Two Special Updates (PDF)

Subscribe Now

Save 20 per cent on orders and payments received before or on December 8, 2017.

Save 10 per cent on orders and payments received before or on January 5, 2018.

1. Executive Summary

SECTION I: SECTOR OVERVIEW AND OUTLOOK

2. Overview

- ❖ Size and Growth
 - Rail Network
 - IR's Traffic and Earnings (Freight & Passenger)
 - Fixed Assets (New Lines, Doubling, Gauge Conversion, Electrification)
 - Rolling Stock
 - Station Infrastructure
- ❖ Modal Share of Railways
- ❖ Key Sector Trends
- ❖ Growth in Budgetary Outlay
- ❖ Investment Projections
- ❖ Issues and Challenges
- ❖ Sector Outlook

3. Recent Developments and Initiatives (past 15-18 months)

- ❖ Policy Developments (Catering Policy 2017, Water Management Policy 2017, etc.)
- ❖ New Institutions/Agencies (Rail Development Authority, SRESHTHA, etc.)
- ❖ Freight Segment Initiatives
- ❖ Passenger Segment Initiatives
- ❖ Measures to Increase IR Revenue (Fare and Non-Fare Revenue)
- ❖ Recent Contracts and Tenders
- ❖ Key Collaborations and Joint Ventures
- ❖ Disinvestment of Rail PSEs
- ❖ Achievements Under Vision 2020

4. Project Pipeline and Analysis

- ❖ Project Pipeline Analysis
 - By Stage of Development
 - By Zone
 - By Type of Project (New Lines, Doubling, Gauge Conversion, Electrification, Signalling, Station Redevelopment, etc.)
 - By Investment
- ❖ Delayed/Stalled Projects (Awaiting Clearances/Land Acquisition)
- ❖ Top Upcoming Projects in Terms of Investment
- ❖ Expected Network Addition

5. Sector Outlook and Market Opportunities

- ❖ Growth Drivers
- ❖ Project Award and Completion Targets
 - Network Expansion
 - Northeast Connectivity
 - Key Programmes/Schemes (DFC, Station Redevelopment, High-Speed Rail, etc.)
- ❖ Investment Outlook & Projections (till 2025-26)
- ❖ Policy Outlook
- ❖ Market Opportunities for
 - EPC Contractors
 - Project Developers
 - Consultants
 - Material Suppliers
 - Others

6. PPP Experience and Opportunities

- ❖ PPP Models and Formats
- ❖ Experience So Far
- ❖ Key Policies and Schemes
- ❖ Sources of Finance
- ❖ Key PPP Projects
 - Completed
 - Under Construction
 - Upcoming/Planned
- ❖ Investment Requirements
- ❖ Upcoming Opportunities
- ❖ Key Issues and Challenges

7. Make in India

- ❖ Key Features of the Programme
- ❖ FDI Inflows in Railways
- ❖ Recent Initiatives
 - New Production Units
 - Rolling Stock
 - Signalling and Telecommunication Systems
- ❖ Ease of Doing Business
- ❖ Foreign Collaborations
- ❖ Key Opportunity Areas
- ❖ Upcoming Projects
- ❖ Investment Requirement
- ❖ Road Ahead

SECTION II: IR'S OPERATIONAL AND FINANCIAL PERFORMANCE

8. Efficiency Indicators

- ❖ Efficiency Indicator for Freight Operations
 - Wagon Loading (per day)
 - Average Load (per wagon)
 - Daily Freight Train Loading
 - Wagon Turnaround Time
 - Average Train Load
 - Net tonne km per Route km
- ❖ Passenger km per Route km
- ❖ Line Capacity and Utilisation
- ❖ Staff Utilisation Indicators
- ❖ Zonal Performance and Analysis

9. Freight Traffic and Earnings

- ❖ Key Trends (2012-13 to 2016-17)
 - Freight Traffic Trends
 - Freight Earnings Trends
- ❖ Monthly Traffic and Earnings Trend in 2017-18
- ❖ Zone-wise Analysis (2012-13 to 2016-17)
 - Traffic Trends
 - Earning Trends
 - Monthly Traffic and Earnings Trend in 2017-18
- ❖ Initiatives for Improving Freight Traffic
- ❖ Segment Outlook

10. Commodity-wise Freight Trends

- ❖ Commodity-wise Trends (2012-13 to 2016-17)
 - Freight Traffic Trends
 - Freight Earnings Trends
- ❖ Commodity-wise Monthly Freight Traffic and Earnings Trends in 2017-18

- ❖ Commodity Specific Freight Traffic and Earnings Analysis
 - Coal
 - Iron Ore
 - Cement
 - Container
 - Other Commodities
- ❖ Segment Outlook

11. Passenger Traffic and Earnings

- ❖ Key Trends (2012-13 to 2016-17)
 - Passenger Traffic Trends
 - Passenger Earning Trends
- ❖ Monthly Traffic and Earnings Trend in 2017-18
- ❖ Suburban and Non-suburban Traffic and Earning Analysis
- ❖ Class-wise Traffic and Earning Analysis
- ❖ Zone-wise Analysis (2012-13 to 2016-17)
 - Traffic Trends
 - Earning Trends
 - Monthly Traffic & Earning Trends in 2017-18
- ❖ Initiatives for Improving Passenger Services
- ❖ Segment Outlook

12. Financial Performance

- ❖ Sources of Core Revenue for Railways
- ❖ Revenue Trends
 - Earnings
 - Core Revenue
 - Non-Core Revenue
- ❖ Cost Components
- ❖ Cost Trends
- ❖ Revenue Surplus
- ❖ Operating Ratio (Target versus Actual)
- ❖ New Revenue Streams
- ❖ Issues and Challenges

SECTION III: SEGMENT FOCUS: ROLLING STOCK

13. IR's Fleet Status

- ❖ Growth in the Past Five Years (2013-14 to 2017-18)
 - Trend in Acquisition of Coaches
 - Net Holdings of Electric Locomotives
 - Net Holdings of Diesel Locomotives
 - Net Addition of Wagons
- ❖ Production Targets and Achievements (2013-14 to 2017-18)
- ❖ Future Production Plans
- ❖ Zone-wise Planned Expenditure on Rolling Stock

14. Production, Supply and Capacity

- ❖ Existing Infrastructure/Capacity
- ❖ Production Targets versus Achievements (2012-13 to 2016-17)
- ❖ Capacity Utilisation Trends
- ❖ New Components and Products
- ❖ Recent Innovations in Designs (semi-high speed and high speed trains)
- ❖ Focus on Indigenisation
- ❖ Upcoming Production Units

SECTION IV: SEGMENT FOCUS: CONSTRUCTION**15. Tracks - Network Expansion and Upgradation**

- ❖ Growth in the Past Five Years (2013-14 to 2017-18)
- ❖ Network Expansion Targets versus Achievements
- ❖ Track Electrification
- ❖ Track Renewal and Repair
- ❖ Recently Completed Projects (in the past 15-18 months)
- ❖ Key Ongoing Projects
- ❖ Key Upcoming Projects
- ❖ Recently Approved Projects
- ❖ Investment Projections
- ❖ Market Opportunities
- ❖ Segment Outlook

16. Bridges

- ❖ Growth in the Number of Rail Bridges (2013-14 to 2017-18)
- ❖ Technology and Design Trends
- ❖ Key Completed Projects
- ❖ Key Ongoing Projects
- ❖ Key Upcoming Projects
- ❖ Recent Contracts and Tenders
- ❖ Investment Projections
- ❖ Segment Outlook

17. Railway Tunnels

- ❖ Growth in the Past Five Years (2013-14 to 2017-18)
- ❖ Key Completed Projects
- ❖ Key Ongoing Projects
- ❖ Key Upcoming Projects
- ❖ Recent Contracts and Tenders
- ❖ Investment Projections
- ❖ Segment Outlook

SECTION V: SEGMENT FOCUS: SIGNALLING AND TELECOMMUNICATIONS**18. Signalling and Train Control**

- ❖ Size and Growth
- ❖ Recent Initiatives and Developments
- ❖ Technology Trends
- ❖ Focus on Indigenisation
- ❖ Expenditure Trends
- ❖ Future Investment Plan under Rashtriya Rail Sanraksha Kosh (2017-22)
- ❖ Key Issues and Challenges
- ❖ Segment Outlook

19. Telecommunications

- ❖ Size and Growth
- ❖ Recent Initiatives and Developments
- ❖ Technology Trends
- ❖ Expenditure Trends
- ❖ Future Investment Plan under Rashtriya Rail Sanraksha Kosh (2017-22)
- ❖ Key Issues and Challenges
- ❖ Segment Outlook

SECTION VI: NEW FOCUS AREAS - INITIATIVES AND FUTURE PLANS**20. Safety**

- ❖ Current Safety Scenario
 - Trends in Train Accidents on IR
 - Derailment
 - Consequential Accidents by Zonal Railways
- ❖ Expenditure Trends
- ❖ Creation of New Safety Fund (Rashtriya Rail Sanraksha Kosh)
- ❖ Measures Adopted to Improve Safety
- ❖ Collaborations and Tie-ups
- ❖ Issues and Challenges
- ❖ Segment Outlook

21. Energy Needs and Requirements

- ❖ Electricity Consumption and Expenditure Trends
- ❖ Diesel Consumption and Expenditure Trends
- ❖ Traction Power Distribution System of IR
- ❖ Mission Electrification
- ❖ Initiatives to Reduce Traction and Non-Traction Energy Bills
- ❖ Other Key Developments
- ❖ The Way Forward

22. Focus on Renewable Energy

- ❖ Current Operational Capacity (Solar & Wind)
- ❖ IR's Targets Under Mission 41K
- ❖ UNDP-IR Initiative - 5 GW Solar Power
- ❖ Key Ongoing and Upcoming Projects
- ❖ Issues and Challenges
- ❖ Upcoming Opportunities

SECTION VII: KEY PROJECTS/PROGRAMMES - CURRENT STATUS AND MARKET OPPORTUNITIES**23. Dedicated Freight Corridor**

- ❖ Corridor Routes
- ❖ Progress So Far/Current Status
- ❖ Project Funding
- ❖ Trends in Capital Expenditure (2012-13 to 2016-17)
- ❖ Impact of DFC on Transport Logistics
- ❖ Recent Contracts
- ❖ Commissioning Targets of DFC
- ❖ Key Issues and Challenges
- ❖ Investment Requirements
- ❖ Upcoming Corridors and Opportunities

24. High-speed Rail Corridors

- ❖ Overview of HSR Corridors
- ❖ Progress So far
 - Diamond Quadrilateral
 - Mumbai-Ahmedabad
 - Delhi-Amritsar
 - Delhi-Chennai
 - Chennai-Mysore
- ❖ Recent Developments
- ❖ Key Issues and Challenges
- ❖ Investment Requirements
- ❖ Upcoming Opportunities

25. Station Infrastructure Development

- ❖ Growth in the Number of Stations (2013-14 to 2017-18)
- ❖ Policy Developments and Initiatives
- ❖ Progress under Key Schemes and Programmes
 - Station Redevelopment Scheme
 - Adarsh Station Scheme
 - Funding Passenger Amenities
- ❖ Recent Contracts
- ❖ Investment Requirements
- ❖ Upcoming Opportunities

26. North-East Rail Connectivity

- ❖ Network Size and Growth (2013-14 to 2017-18)
- ❖ Expenditure Trends (2012-13 to 2016-17)
- ❖ Recent Developments
- ❖ Key Ongoing Projects
- ❖ Key Upcoming Projects
- ❖ Issues and Challenges
- ❖ Upcoming Opportunities

27. Terminals and Logistic Parks

- ❖ Terminals - Container Train and Private Freight Terminals
 - Existing Infrastructure
 - Upcoming Projects
- ❖ Logistics Parks
 - Existing Infrastructure
 - Upcoming Projects
- ❖ Key Initiatives and Developments
- ❖ Investment Requirements
- ❖ Segment Outlook

SECTION VIII: PROFILE OF RAILWAY PSUs**28. Key Railway PSUs**

Braithwaite & Company Limited, Burn Standard Company Limited, Centre for Railway Information Systems, Container Corporation of India Limited, Dedicated Freight Corridor Corporation of India, High Speed Rail Corporation of India Limited, Indian Port Rail Corporation Limited, Indian Railway Finance Corporation Limited, Indian Railway Catering and Tourism Corporation Limited, Irocon International Limited, Konkan Railway Corporation Limited, Mumbai Railway Vikas Corporation Limited, Pipavav Railway Corporation Limited, Rail India Technical and Economic Services Limited, Rail Land Development Authority, RailTel Corporation of India Limited, Rail Vikas Nigam Limited

Two Special Updates

- ❖ **Update 1:** Special Budget Bulletin (February 2018)
- ❖ **Update 2:** New Projects and Sector Developments (May 2018)

I would like to purchase the "Railways in India 2018" report:

Format (PDF)	By December 8, 2017	By January 5, 2018	After January 5, 2018
Site Licence (Single Location)	Rs 60,000	Rs 67,500	Rs 75,000
GST @ 18%	Rs 10,800	Rs 12,150	Rs 13,500
Total	<input type="checkbox"/> Rs 70,800	<input type="checkbox"/> Rs 79,650	<input type="checkbox"/> Rs 88,500
Enterprise Licence (Multiple Locations)	Rs 90,000	Rs 101,250	Rs 112,500
GST @ 18%	Rs 16,200	Rs 18,225	Rs 20,250
Total	<input type="checkbox"/> Rs 106,200	<input type="checkbox"/> Rs 119,475	<input type="checkbox"/> Rs 132,750

I am enclosing a cheque/demand draft for Rs _____, vide cheque/demand draft no. _____ drawn on _____ dated _____ in favour of "India Infrastructure Publishing Pvt. Ltd."

Signature

.....

Name (Block Letters) _____

Designation _____

Company _____

Company GST No. _____

Mailing Address _____

Telephone _____ Mobile _____

E-mail _____

Wire transfer details:

Beneficiary : India Infrastructure Publishing Pvt. Ltd.
Bank Name : The Hongkong and Shanghai Banking Corporation Ltd
Bank Address : R-47, Greater Kailash-1, New Delhi - 110048
Account No. : 094179587002
Swift Code : HSBCINBB
IFSC Code : HSBC0110006
GSTIN : 07AAACI5880R1ZV

Contact details:

Priya Sen

Information Products
India Infrastructure Publishing Pvt. Ltd.
B-17, Qutab Institutional Area, New Delhi 110016, India
Tel: +91-11-4579 8613, 41034600, 41034601; Fax: +91-11-26531196
Mobile: +91-99 00 644 996
Email: priya.sen@indiainfrastructure.com