

**Transportation Development-
Road, Rail, Air, Ports.**

Road

- **65% Freight & 80% Passenger by road in India.**
- **1943, Nagpur Plan.**
- **20 Years Road Plan-1961.**
- **Total Road (March-17)-5603293**

Types of Road

- **Express Way-1455 km**
- **Highest Class of Road in India. 6/8 Lane**
- **NH-2%**
- **SH-3.64%**
- **District Road**
- **Village Road**

Golden Quadrilateral Plan (GQ)

- **NHDP-National Highway Development Project, 1998**
- **From 13 States.**
- **Delhi, Haryana, Rajasthan, Gujarat, Maharashtra, Karnataka, Tamil Nadu, Andhra Pradesh, Orissa, West Bengal, Jharkhand, Bihar, UP.**

NS Corridor

- **Sri Nagar to KK**
- **4016 km.**
- **NH 44.**
- **J&K, Punjab, Haryana, Delhi, Rajasthan, UP, MP, Maharashtra, Andhra Pradesh, Karnataka, Tamil Nadu.**

EW Corridor

- **Silchar to Porbander-3640 km.**
- **NH 27**
- **Gujarat, Rajasthan, MP, UP, Bihar, West Bengal, Assam, Meghalaya.**

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Types of Railway Gauge

Broad Gauge (BG)	1,676 mm (5 ft 6 in)	74.24%
Metre Gauge (MG)	1,000 mm (3 ft 3 ³ / ₈ in)	21.02%
Narrow Gauge (NG)	762 mm (2 ft 6 in) & 610 mm (2 ft)	4.94%

Railway Network of India



Important Facts

- **Total Length-68525 km (4th in World)**
- **(USA-250000, China-124000, Russia-86000 km)**
- **Electrified-36%**
- **15 Lac Employs**
- **7133 Stations, 19000 Trains**
- **17 Zone & 68 Division**

Railway Zones of India

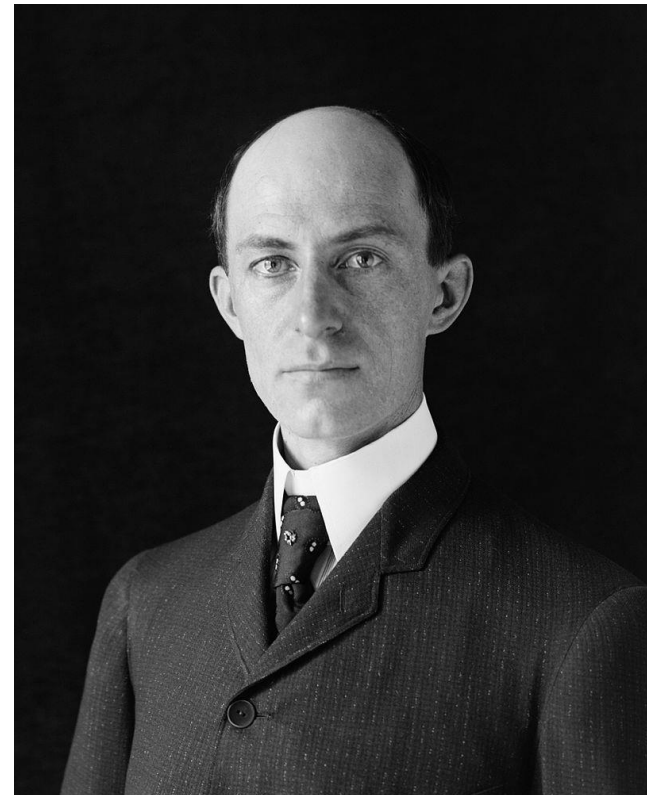
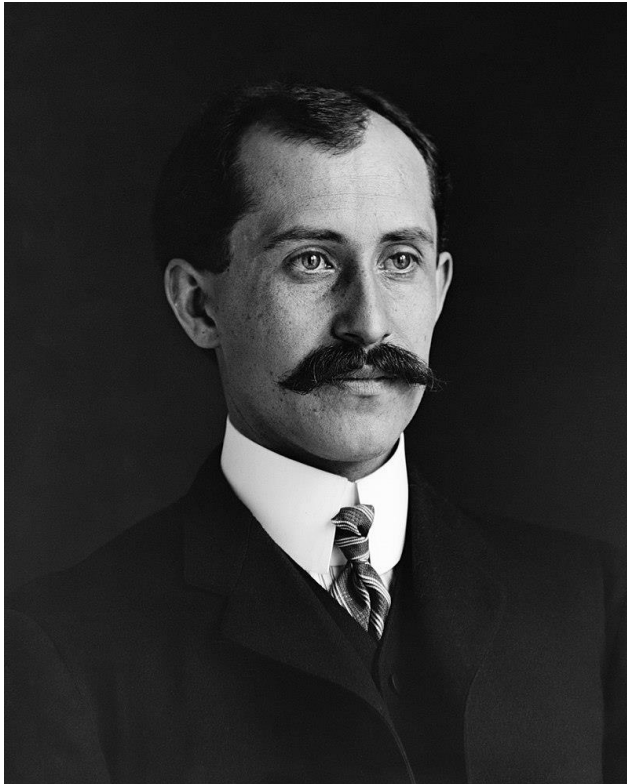
- **1. Central Railway (Mumbai)**
- **2. Eastern Railway (Kolkata)**
- **3. East Central Railway (Hajipur)**
- **4. East Coast Railway (Bhubaneswar)**
- **5. Northern Railway (New Delhi)**
- **6. North Central Railway (Allahabad)**
- **7. North Eastern Railway (Gorakhpur)**
- **8. North Frontier Railway (Maligaon, Guwahati)**

Railway Zones of India

- **9. North Western Railway (Jaipur)**
- **10. Southern Railway (Chennai)**
- **11. South Central Railway (Secunderabad)**
- **12. South Eastern Railway (Kolkata)**
- **13. South East Central Railway (Bilaspur)**
- **14. South Western Railway (Hubli)**
- **15. Western Railway (Mumbai CST)**
- **16. West Central Railway (Jabalpur)**
- **17. Metro Rail (Kolkata)**

Air Transportation

- Orville Wright & Wilbur Wright
- Dec. 17, 1903. North Carolina



Air Transportation

- **Air Corporation Act-1953**
- **1953, Nationalization of Air Transportation.**
- **Air India Ltd.-Foreign Countries.**
- **Indian Air Lines-Domestic & Neighbors Countries.**
- **National Aviation Company of India Limited (NACIL) in 2007. (Air India +Indian Air Lines)**
- **Renamed as Air India Limited on 26 October 2010**

Airport Authority of India (AAI)

1995
New Delhi
127 Airports
1100 Aircrafts



21 International Airports

- Srinagar
- Amritsar
- Varanasi
- Lucknow
- Jaipur
- Ahmedabad
- Guwahati
- Hyderabad

- Goa
- Bangalore
- Nagpur
- Calicut
- Thiruvananthapuram
- Kochi
- Coimbatore
- Tiruchirapalli
- Portblair

INDIA
Airport Map

100th Airport

LEGEND
✕ AIRPORTS

Map not to Scale
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Water Transport

- **Coast Line-6100**
- **Ports-Gateway of Trade.**
- **Shipping Corporation of India (SCI) 1961, Mumbai. (187 Ports)**

