

GLOBAL RAIL INFRASTRUCTURE INDEX

Technical Specifications & Network Standards

Reference Document: WR-2024
Scale: International Standard

EUROPE				
Germany	33,399 km	1435 mm	60.1% (15kV AC)	Deutsche Bahn (DB)
France	27,057 km	1435 mm	58.7% (25kV AC / 1.5kV DC)	SNCF Reseau
United Kingdom	15,935 km	1435 mm	38.0% (25kV AC / 750V DC)	Network Rail
ASIA & PACIFIC				
China	155,000 km	1435 mm	75.0% (25kV AC)	China Railway (CR)
India	68,103 km	1676 mm	90.0% (25kV AC)	Indian Railways (IR)
Japan	27,311 km	1067 mm	65.0% (Multiple)	Japan Railways Group (JR)

AMERICAS

United States	149,539 km	1 435 mm	< 1.0% (Freight focus)	Union Pacific / BNSF / Amtrak
Canada	49,422 km	1 435 mm	< 1.0%	CN / CPKC
Brazil	29,850 km	1 600 mm	7.0%	Rumo / VLI / Vale

AFRICA & MIDDLE EAST

South Africa	20,986 km	1 065 mm	38.5% (3kV DC / 25kV AC)	Transnet Freight Rail
Saudi Arabia	5,330 km	1 435 mm	12.0% (Haramain HSR)	Saudi Railway Company (SAR)

* Data compiled from International Union of Railways (UIC) and national transport ministries. Network lengths represent total operational route kilometers. Electrification percentages are rounded to the nearest decimal.