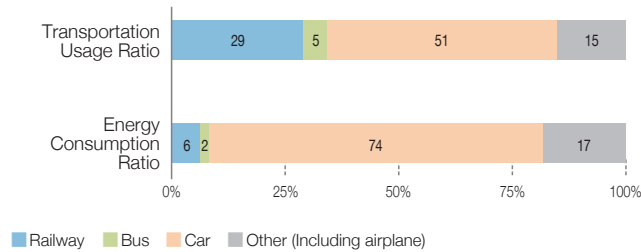


Other

Environmental Initiatives

THE ENVIRONMENTALLY FRIENDLY NATURE OF RAILWAYS

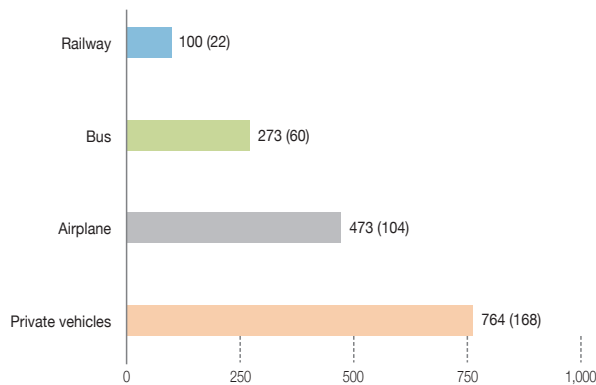
TRANSPORTATION USAGE RATIO AND ENERGY CONSUMPTION RATIO OF DOMESTIC MODES OF TRANSPORTATION (FY2010, NATIONWIDE)



Source: Summary of Transportation Statistics, Transport Research and Statistics Office, Ministry of Land, Infrastructure, Transport and Tourism
The GHGs Emissions Data of Japan, Greenhouse Gas Inventory Office of Japan

CO₂ EMISSIONS BY MODE OF TRANSPORTATION (TOURISTS) (FY2013)

Value for railway scaled to 100



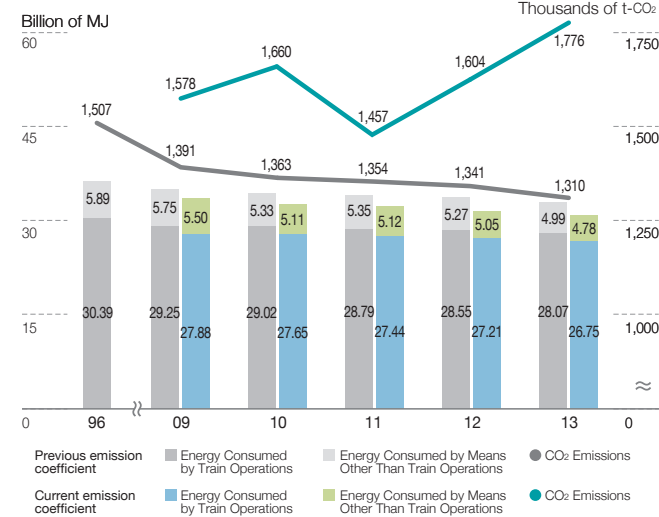
Source: Ministry of Land, Infrastructure, Transport and Tourism homepage
Numbers in parentheses are actual CO₂ emissions volumes (g-CO₂ / passenger-kilometers)

INITIATIVES TO REDUCE CO₂ EMISSIONS AND CONSERVE ENERGY

- Introducing energy-saving rolling stock**
In order to reduce the energy consumed by railway operations, which accounts for more than 80% of our total energy consumption, JR-West is introducing new rolling stock equipped with VVVF inverter control systems, regenerative brakes, and other energy-saving features.
- Improving ground facilities**
JR-West is improving its ground facilities to fully utilize the characteristics of its energy-saving rolling stock. This includes the installation of the DC feeding systems between up and down lines, electric storage devices, and other facilities to help the Company better take advantage of the electricity acquired through the regenerative brakes of our energy-saving rolling stock.
- Reducing energy use in stations, offices, and other facilities**
The energy used in stations, offices, and other facilities is essential for safe train operation, stable transport, and enhancing customer convenience. To improve energy efficiency, however, JR-West is replacing current equipment with high-efficiency versions that meet current standards, and giving consideration to energy efficiency in the new equipment it installs.

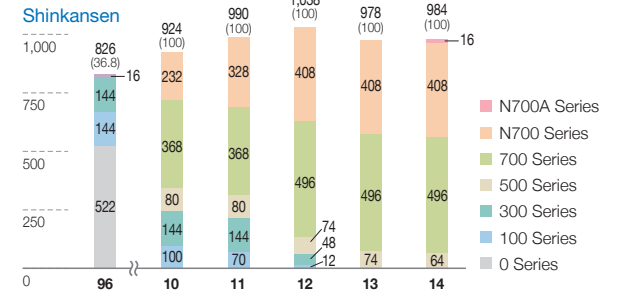
ENERGY CONSUMPTION AND CO₂ EMISSIONS ASSOCIATED WITH BUSINESS ACTIVITIES

Years ended March 31

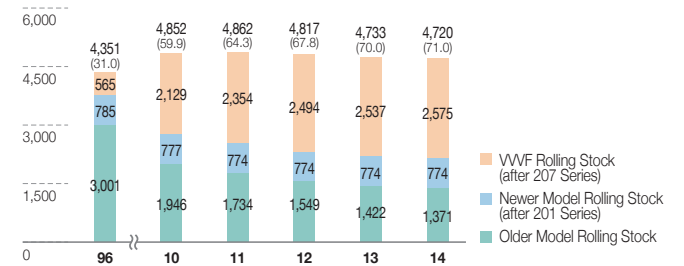


INTRODUCTION OF ENERGY-SAVING ROLLING STOCK (ROLLING STOCK CURRENTLY IN OPERATION)

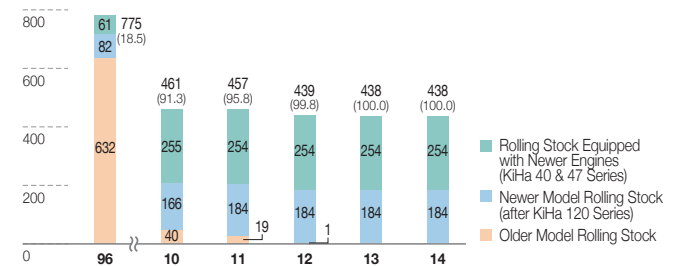
Years ended March 31



Conventional Lines—Electric Trains



Conventional Lines—Diesel Trains



Note: Numbers in parentheses represent the percentage of energy-saving rolling stock.