

# Shinkansen Key Facts

## Safety



**0 Accidents** resulting in fatalities or injuries of passengers onboard since operations commenced in 1964.

## High-speed



**6h30m** → **2h21m** \*Between Tokyo-Osaka.

## Reliability



Average delay **1.6 min**/operational train \*Tokaido Shinkansen, FY2023

## High-volume



**477k** passengers/day, **28k** passengers/h(6:00-23:00) \*Tokaido Shinkansen, FY2018

## High-frequency



**372** trains/day \*Tokaido Shinkansen, FY2023, average daily departures, including extra trains.

## Environmental effects



### High Energy Efficiency, Low Carbon

Compared with an airplane (B777-200), the Tokaido Shinkansen (Series N700 "Nozomi") consumes approx. **one-eighth** of the amount of energy per passenger seat of air when traveling between Tokyo and Osaka, and discharges about **one-twelfth** of the CO<sub>2</sub> emissions of air travel.

## Cost



Low Lifecycle Cost