

# Tokaido Shinkansen



## Tokaido Shinkansen

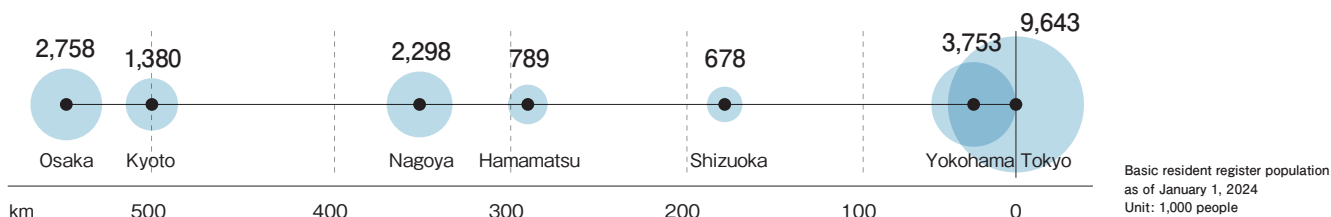
The Tokaido Shinkansen is the world's first high-speed rail. It connects Tokyo to Shin-Osaka and commenced operation in October 1964 right before the 1964 Olympic Games was held in Tokyo. The Tokaido Shinkansen links Japan's three largest metropolitan areas (Tokyo, Nagoya, and Osaka) with high frequency service that provides \*372 services daily (including extra services). Carrying around \*160million passengers annually, the Tokaido Shinkansen serves as one of the world's

main transportation corridors in volume. As the forerunning Shinkansen line in Japan, the Tokaido Shinkansen has transported around 6.8 billion people since the commencement of operation and has supported the dynamic growth of the Japanese economy. The Tokaido Shinkansen is currently operated by JR Central.

With a maximum speed increase to 285 km/h in Spring 2015, the Tokaido Shinkansen continues to make advancements.

\*FY2023

### Distribution of Major Cities on the Line

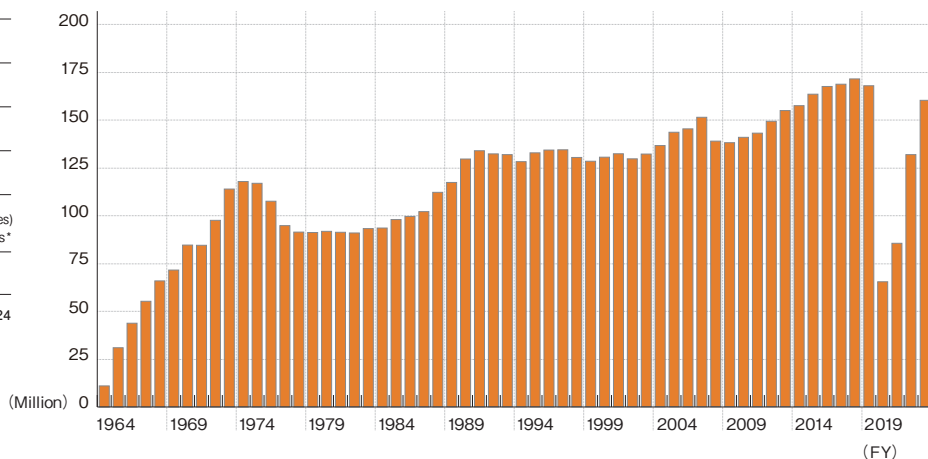


### Basic Information

Operating segment	Tokyo–Shin-Osaka
Inauguration	October 1964
Operating distance	552.6 km
Maximum operating speed	285 km/h
Minimum travel time	2h21min
Trains/day	372 trains/day (Includes extra services) Includes Tokaido-Sanyo interoperating trains*
Number of stations	17

As of Mar. 2024

### Passenger Ridership



# Sanyo Shinkansen

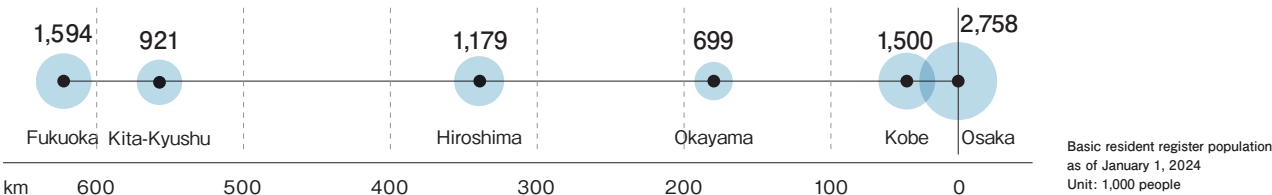


## Sanyo Shinkansen

The Sanyo Shinkansen, which is currently operated by JR West, commenced operation between Shin-Osaka and Okayama in March 1972. The remaining section to Hakata was opened in March 1975. This line connects Osaka, the heart of West Japan, to various cities in West Japan including Fukuoka City, the economic center of Kyushu. Like the Tokaido Shinkansen, the Sanyo Shinkansen also serves as a

main artery in the Pacific belt zone, the central hub of manufacturing in Japan, with around \*70 million passengers annually. Furthermore, in conjunction with the opening of all sections of the Kyushu Shinkansen in March 2011, through service from the Sanyo Shinkansen now enables smooth transportation from Southern Kyushu all the way through the Chugoku region to Osaka.  
\*FY2023

### Distribution of Major Cities on the Line

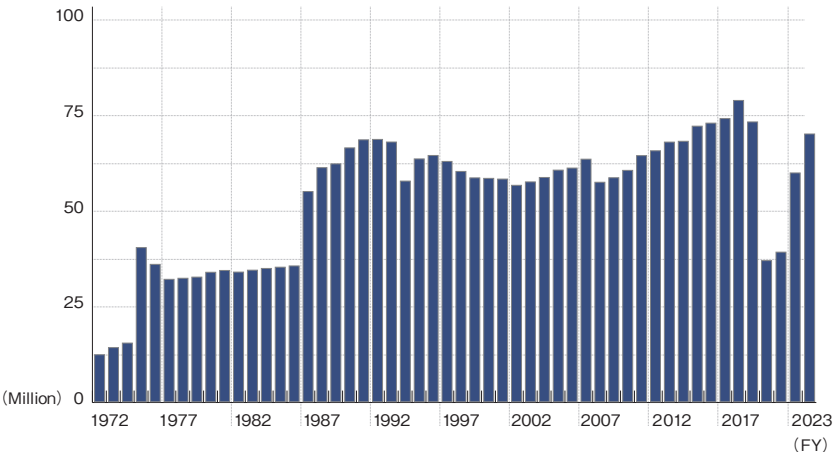


### Basic Information

Operating segment	Shin-Osaka – Hakata
Inauguration	March 1972 (Shin-Osaka – Okayama) March 1975 (Okayama – Hakata)
Operating distance	644.0 km
Maximum operating speed	300 km/h
Minimum travel time	2h 21min
Trains/day	258 trains/day (includes extra services) Includes Tokaido-Sanyo, Sanyo, Kyushu interoperating trains*
Number of stations	19

As of Mar. 2024

### Passenger Ridership



# Tohoku and Joetsu Shinkansen

## Tohoku and Joetsu Shinkansen



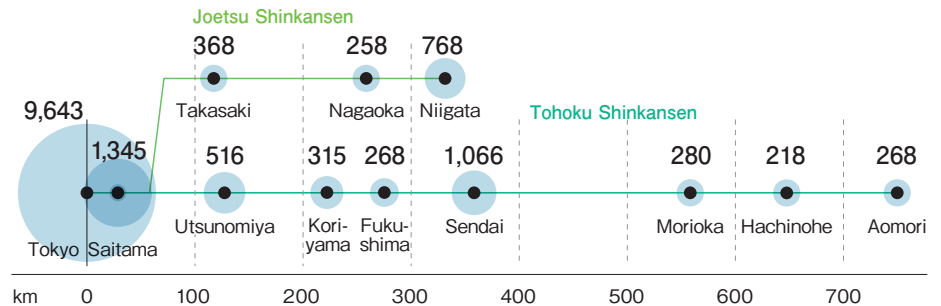
The Tohoku and Joetsu Shinkansen are currently operated by JR East. The Tohoku Shinkansen is Japan's fastest Shinkansen, travelling between Tokyo and Shin-Aomori at a maximum speed of 320 km/h. The Omiya-Morioka section was opened in June 1982, followed by the remaining sections in December 2010. The Tohoku Shinkansen travels through eastern Japan from south to north, starting from Tokyo and making its way up through Sendai, the central part of the Tohoku region, to Aomori. Approximately \*81 million people ride this Shinkansen annually.

The Joetsu Shinkansen runs between Tokyo and Niigata, an area which has one of the heaviest snowfalls in the world (Niigata Prefecture).

The Omiya-Niigata section was opened in November 1982. After this, the Shinkansen line was gradually extended and all remaining sections were opened in June 1991. Approximately 39 million passengers ride the Joetsu Shinkansen annually. Extensive measures against snow-related disasters, such as the installation of snow-melting equipment as well as roofs over all the tracks and platforms at stations in Niigata Prefecture, have been installed along this line.

\*FY2023

### Distribution of Major Cities on the Line

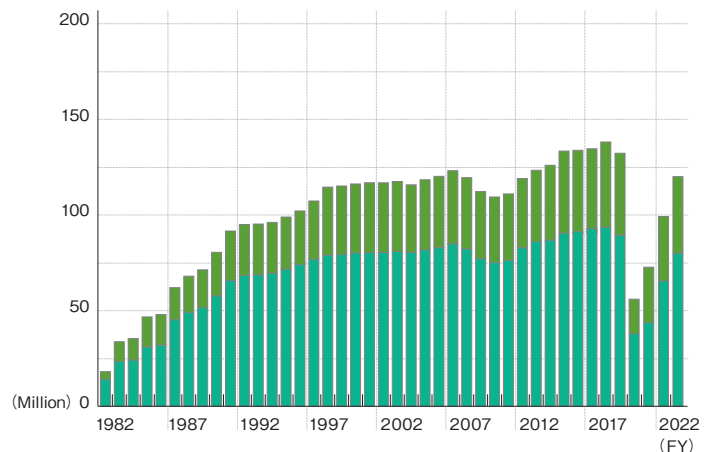


Basic resident register population as of January 1, 2024  
Unit: 1,000 people

### Basic Information

	Tohoku Shinkansen	Joetsu Shinkansen
Operating segment	Tokyo-Shin-aomori	Tokyo-Nigata
Inauguration	June 1982 (Omiya-Morioka: Tohoku) November 1982 (Omiya-Niigata: Joetsu) March 1985 (Ueno-Omiya: Tohoku and Joetsu) June 1991 (Tokyo-Ueno: Tohoku and Joetsu) December 2002 (Morioka-Hachinohe: Tohoku) December 2010 (Hachinohe-Shin-Aomori: Tohoku)	
Operating distance	713.7 km	333.9 km
Maximum operating speed	320 km/h	275 km/h
Minimum travel time	2h 58min	1h 29min
Trains/day	177 trains/day (excludes extra services)*	74 trains/day (excludes extra services)*
Number of stations	23 *Some overlap	12 *Some overlap

### Passenger Ridership



# Kyushu and Nishi-Kyushu Shinkansen

## Kyushu and Nishi-Kyushu Shinkansen

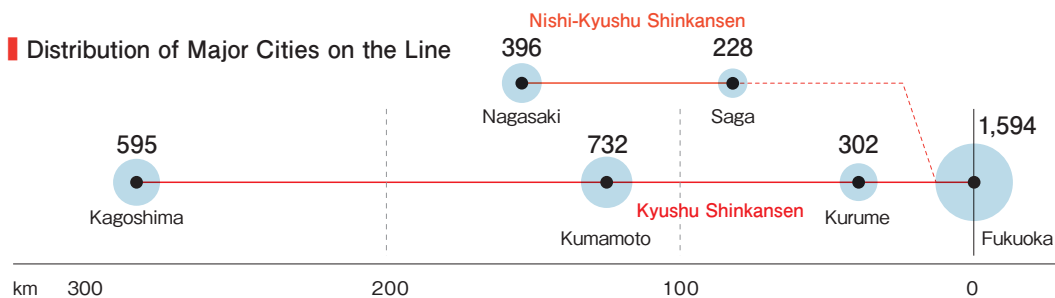
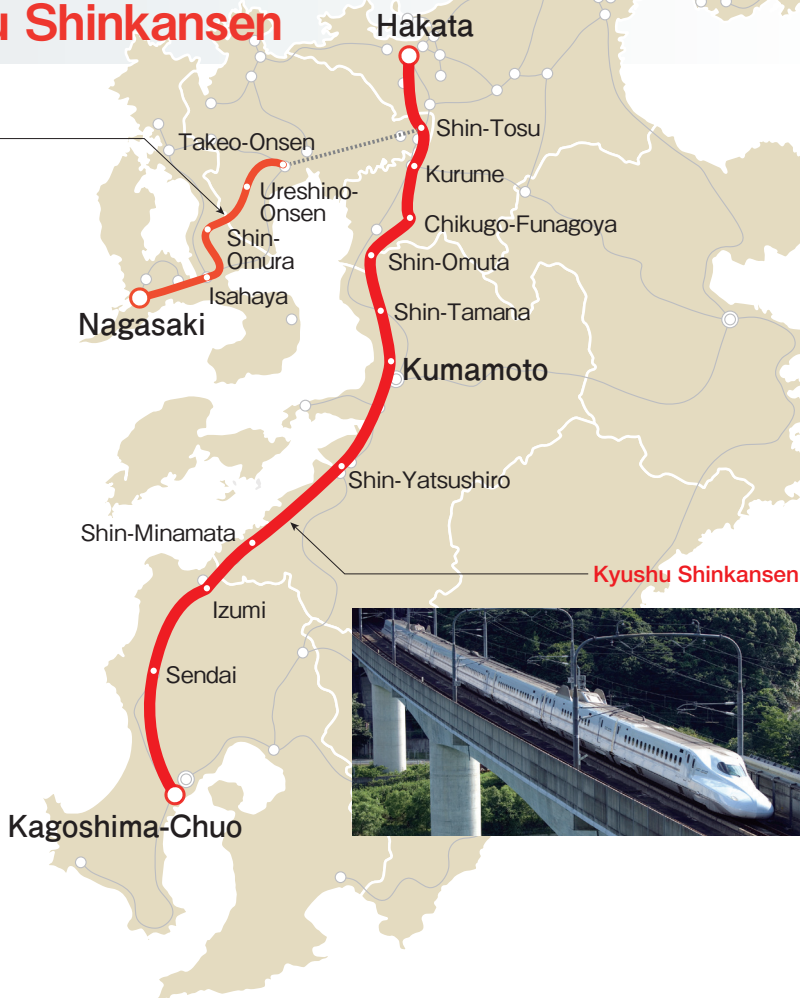


Nishi-Kyushu Shinkansen

The Kyushu Shinkansen, which is operated by JR Kyushu, first commenced operation between Shin-Yatsushiro and Kagoshima-Chuo in March 2004. The remaining section to Hakata opened in March 2011. The Kyushu Shinkansen service has considerably shortened the time required to travel between the Kansai and Kyushu areas by decreasing the travel time between Shin-Osaka and Kagoshima-Chuo from about 5 hours to about 3 hours and 42 minutes. As a result, people have increasingly shifted away from air travel to rail travel between the Kansai and Kyushu areas. The Kyushu Shinkansen, which carries around \*16 million passengers a year, serves as a key mode of transportation in the Kyushu area.

In addition, the 66 km Nishi-Kyushu Shinkansen line between Takeo - Onsen and Nagasaki opened in September 2022, and City development along the line is in progress.

\*FY2023



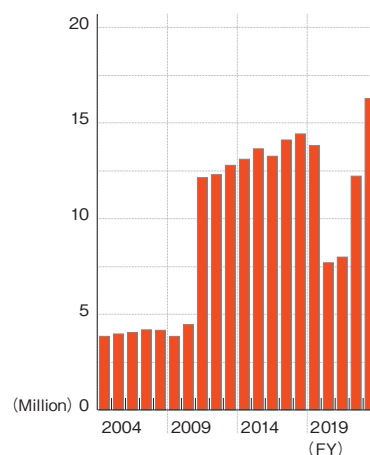
Basic resident register population as of January 1, 2024  
Unit: 1,000 people

### Basic Information

	Kyushu Shinkansen	Nishi-Kyushu Shinkansen
Operating segment	Hakata – Kagoshima-Chuo	Takeo-Onsen – Nagasaki
Inauguration	March 2004 (Shin-Yatsushiro – Kagoshima-Chuo) March 2011 (Hakata – Shin-Yatsushiro) September 2022 (Takeo-Onsen – Nagasaki)	
Operating distance	288.9 km	69.6km
Maximum operating speed	260km/h	260km/h
Minimum travel time	1 h 16min	23mim
Trains/day	105 trains/day (excludes extra services) *Includes 8 extra trains with 4 mutual direct operation. (currently daily service)	Takeo-Onsen – Nagasaki 44 trains/day Shin-Omura – Nagasaki 3 trains/day Total 47 trains/day (excludes extra services)
Number of stations	12	5

As of Mar. 2024

### Passenger Ridership





## Hokuriku Shinkansen

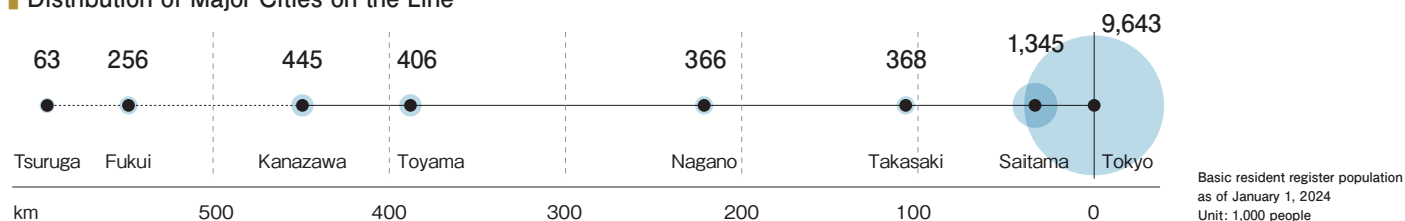
The Hokuriku Shinkansen, operated jointly by JR East and JR West, first offered service between Takasaki and Nagano section in October 1997 and then expanded to the section between Nagano and Kanazawa in March 2015. In March 2024, Kanazawa – Tsuruga section was extended. The Shinkansen reducing the traveling time between Tokyo and Fukui from 3 hours and 27 minutes to the fastest time of 2 hours and 51 minutes. This is expected to have a significant ripple effect on business, tourism and other facets of the Hokuriku region.

\*30 million people use the Hokuriku Shinkansen as the main transportation between Tokyo and Hokuriku area. The specific location of the route the Shinkansen will take further west of Tsuruga is now in the selection phase.

\*FY2023



### Distribution of Major Cities on the Line

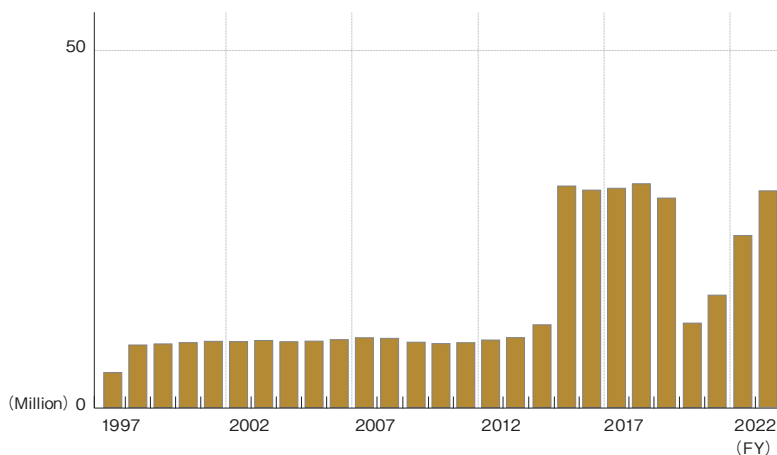


### Basic Information

Operating segment	Tokyo – Tsuruga
Inauguration	November 1982 (Omiya–Takasaki) March 1985 (Ueno–Omiya) June 1991 (Tokyo–Ueno) October 1997 (Takasaki–Nagano) March 2015 (Nagano–Kanazawa) March 2024 (Kanazawa – Tsuruga)
Operating distance	575.8 km
Maximum operating speed	260 km/h
Minimum travel time	3 h 8 min
Trains/day	81 trains/day
Number of stations	24

As of Mar. 2024

### Passenger Ridership

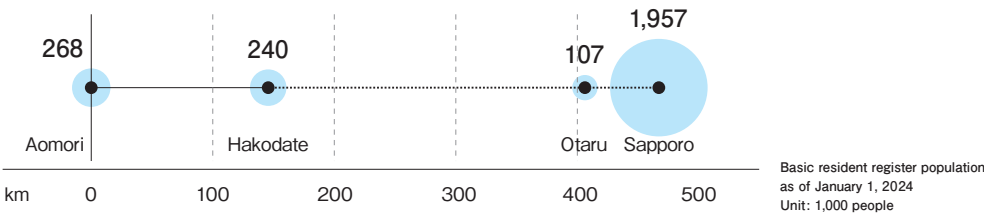


# Hokkaido Shinkansen

The Hokkaido Shinkansen, operated by JR Hokkaido, opened along the section extending from Shin-Aomori to Shin-Hakodate-Hokuto in March 2016. Using through-service provided by the Tohoku Shinkansen, the Hokkaido Shinkansen links Tokyo and Shin-Hakodate-Hokuto in the shortest time of 3 hours and 57minutes. Preparations are moving forward with the aim of commencing operation along the approximately 212km from Shin-Hakodate-Hokuto to Sapporo in spring 2031. The opening of the Hokkaido Shinkansen is expected to revitalize tourism, business exchange and other aspects of the Hokkaido, Tohoku and greater Tokyo metropolitan area economies as well as increase the flow of passengers.



## Distribution of Major Cities on the Line



## Basic Information

Operating segment	Shin-Aomori – Shin-Hakodate-Hokuto
Inauguration	March 2016 (Shin-Aomori – Shin-Hakodate-Hokuto)
Operating distance	148.8 km
Maximum operating speed	260 km/h
Minimum travel time	57 min
Trains/day	26 trains/day*
Number of stations	4

As of Mar. 2024

## Passenger Ridership

