

Other

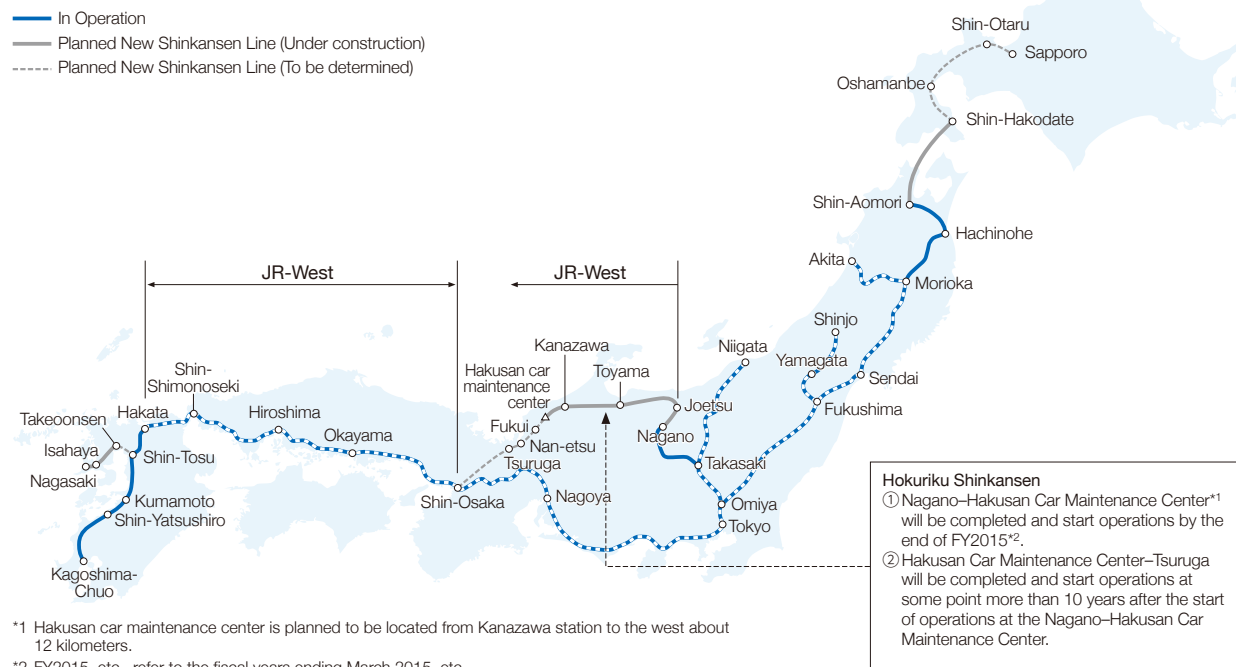
Development of New Shinkansen Lines

FIVE NEW SHINKANSEN LINES PROPOSED IN 1973 UNDER THE NATIONWIDE SHINKANSEN RAILWAY DEVELOPMENT LAW

Line	Lines in Operation	Approved Zone for Construction Implementation Plan	Expense Burden
Tohoku (Morioka–Aomori)	Morioka–Shin-Aomori (opened in December 2010, 178km)		<ul style="list-style-type: none"> Central government (existing Shinkansen transfer revenues, public utilities expenses)
Hokuriku (Tokyo–Osaka)	Takasaki–Nagano (opened in October 1997, 117km)	Nagano–Kanazawa (228km), Fukui Station Area	<ul style="list-style-type: none"> Local governments (one-half of the central government)
Hokkaido (Aomori–Sapporo)		Shin-Aomori–Shin-Hakodate (148km)	<ul style="list-style-type: none"> JR (usage fees with the upper limit to be determined by the range of expected benefits)
Kyushu (Fukuoka–Kagoshima)	Hakata–Kagoshima-Chuo (opened in March 2011, 289km)		
Kyushu (Fukuoka–Nagasaki)		Takeoonsen–Isahaya (45km)	

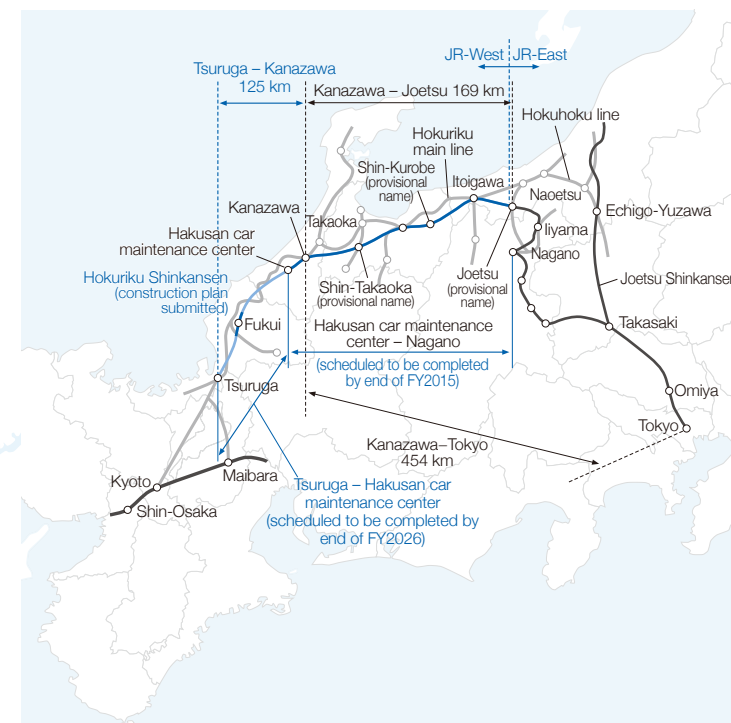
PLANNING OF NEW SHINKANSEN LINES (CONFIRMATIONS WITH THE GOVERNMENT AND RULING COALITION PARTIES ON DECEMBER 26, 2011)

— In Operation
 — Planned New Shinkansen Line (Under construction)
 - - - Planned New Shinkansen Line (To be determined)



*1 Hakusan car maintenance center is planned to be located from Kanazawa station to the west about 12 kilometers.

*2 FY2015, etc., refer to the fiscal years ending March 2015, etc.



Travel Time

	JR		Airlines*3
	Present*1	After starting operations*2	
Kanazawa — Tokyo	About 3h 50m	About 2h 40m	About 2h 50m
Toyama — Tokyo	About 3h 10m	About 2h 20m	About 2h 30m

Notes

- Using the Joetsu Shinkansen and Hakutaka limited express train
- Average speed of 190km/h
- Includes airport access and egress time