

16. Transport Infrastructure

The Czech Republic possesses one of the most advanced transport networks in Central and Eastern Europe. Its geographical position at the very centre of Europe makes it a natural crossroads for major transit corridors. An extensive network of transport routes serves not only the Czech Republic but also links the country to neighbouring and other European states, and the density of the transport network ranks the Czech Republic among the world's most advanced countries. The significance of the Czech Republic as a transit hub has grown since the Czech Republic became a member of the EU Single Market currently covering the area of 28 countries in Europe with more than 500 million customers in total.

Basic Data on the Transport Infrastructure Network in the Czech Republic

	2009	2010	2011	2012	2013	2014	2015
Length of constructed railway tracks (km)							
Total	15,677	15,666	15,656	15,636	15,607	15,578	15,570
Electric	6,703	6,815	6,895	6,903	6,926	6,915	6,939
Road transport infrastructure							
Total road and motorway network	55,719	55,752	55,742	55,717	55,761	55,748	55,738
European road network, type E	2,603	2,636	2,634	2,634	2,632	2,627	2,628
Motorways/expressways in operation	1,099	1,156	1,172	1,193	1,234	1,235	1,236
Navigable waterways regularly used for transport (km)							
Total length	676	676	676	676	687	687	720
Air transport infrastructure							
Total number of airports, of which:	88	91	91	91	91	91	91
Public International	7	7	6	6	6	6	6
Public Domestic	57	57	58	59	59	58	59
Private International	7	6	5	5	5	3	3
Private Domestic	11	12	15	14	14	14	13

Source: Ministry of Transport, 2017

Density of the Rail and Road Network in 2014 (km per square km)

	Roads	Ranking worldwide	Railroads	Ranking worldwide
Austria	-	-	0.06	13
Czech Republic	1.66	7	0.12	3
Germany	-	-	0.09	6
Hungary	2.10	4	0.08	8
Poland	-	-	0.06	12
Slovak Republic	0.90	13	0.07	9
United Kingdom	-	-	0.06	11

Source: IMD World Competitiveness Yearbook, 1995 – 2017

Total Number of Air Passenger Transport by State in 2015

Airport	Country	No. of passengers (arrivals + departures)
Munich	Germany	41,077,137
Vienna	Austria	22,930,545
Prague	Czech Republic	12,022,191
Warsaw	Poland	12,291,098 (2014)
Budapest	Hungary	10,228,352
Bratislava	Slovakia	1,569,724

Source: Eurostat, 2017

Number of Direct Flights from Prague a Week / Flying Time in Hours

Amsterdam	Beijing	Berlin	Brussels	Budapest	Copenhagen	Dubai
54 / 1:30	3 / 9:20	21 / 1:00	28 / 1:30	14 / 1:25	13 / 1:20	13 / 6:00
Frankfurt	Helsinki	Istanbul	London	Madrid	Moscow	Munich
45 / 1:15	23 / 2:05	23 / 2:35	53 / 1:55	19 / 2:50	55 / 2:35	16 / 0:50
Oslo	Paris	Rome	Seoul	Stockholm	Vienna	Zurich
6 / 2:00	47 / 1:50	16 / 1:45	4 / 10:00	19 / 1:55	32 / 0:55	21 / 1:20

Source: Václav Havel Airport Prague, 2017

Note: Summer flight schedule 2017

Quality of Air Transportation (2016)

Quality of air transportation encourages business development

	Ranking worldwide	Index
Germany	10	8.81
USA	13	8.62
Czech Republic	24	8.03
United Kingdom	30	7.64
Austria	18	8.32
Hungary	44	6.49
Slovenia	54	5.60
Poland	60	3.64
Slovakia	40	6.77

IMD WCY Executive Opinion Survey based on an index from 0 to 10

Source: IMD World Competitiveness Yearbook, 1995 – 2017

Driving Distances between Selected Cities within the Czech Republic (km)

	Brno	Ceske Budejovice	Hradec Kralove	Karlovy Vary	Liberec	Olomouc	Ostrava	Plzen	Prague
Brno	X	190	143	336	243	77	170	294	210
Ostrava	170	358	240	504	340	94	X	465	377
Prague	210	150	120	129	113	258	376	95	X

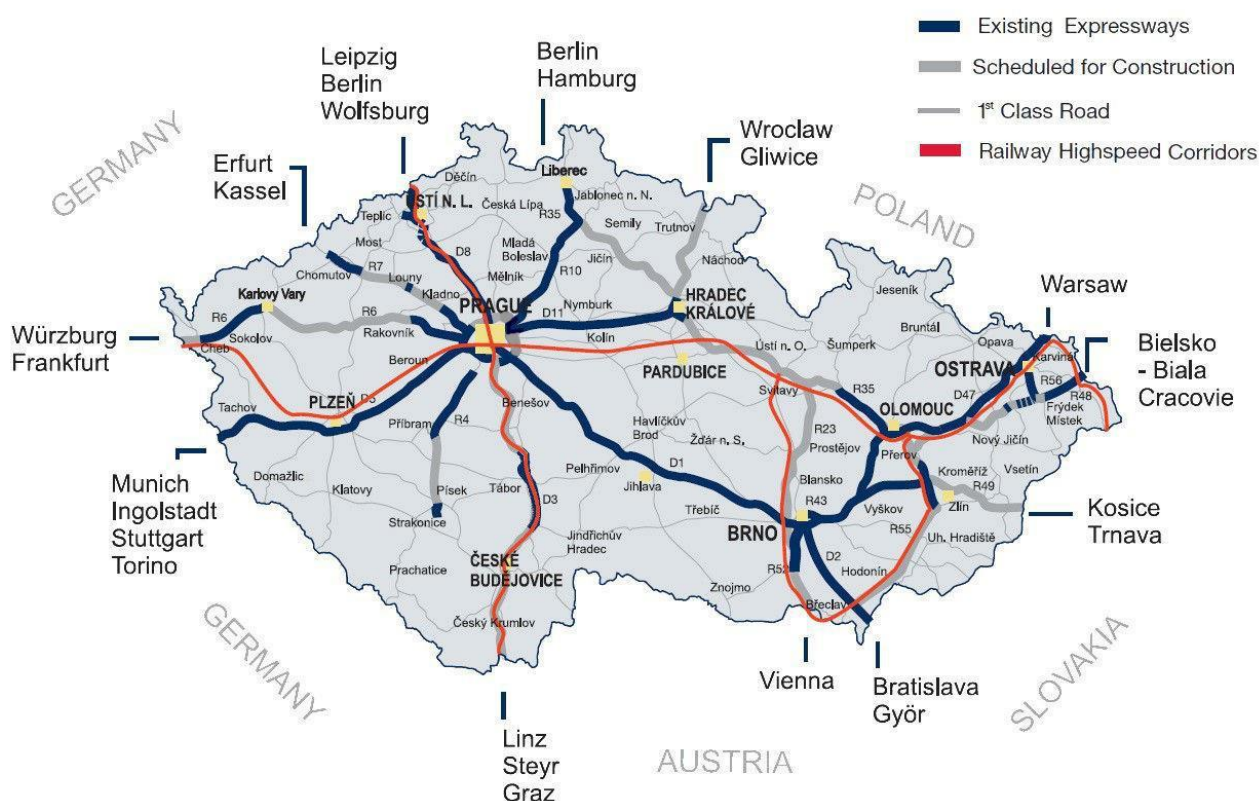
Source: Route planner ViaMichelin, 2017

Driving Distances between Prague and Major European Cities (km)

Amsterdam	Athens	Barcelona	Berlin	Bern	Bratislava	Brussels	Budapest
877	2,005	1,730	349	811	337	913	529
Copenhagen	Dublin	Helsinki	Istanbul	Lisbon	London	Madrid	Marseilles
780	1,898	1,693	1,894	2,775	1,294	2,306	1,371
Milan	Munich	Oslo	Paris	Rome	Stockholm	Vienna	Warsaw
872	384	1,379	1,047	1,302	1,430	309	682

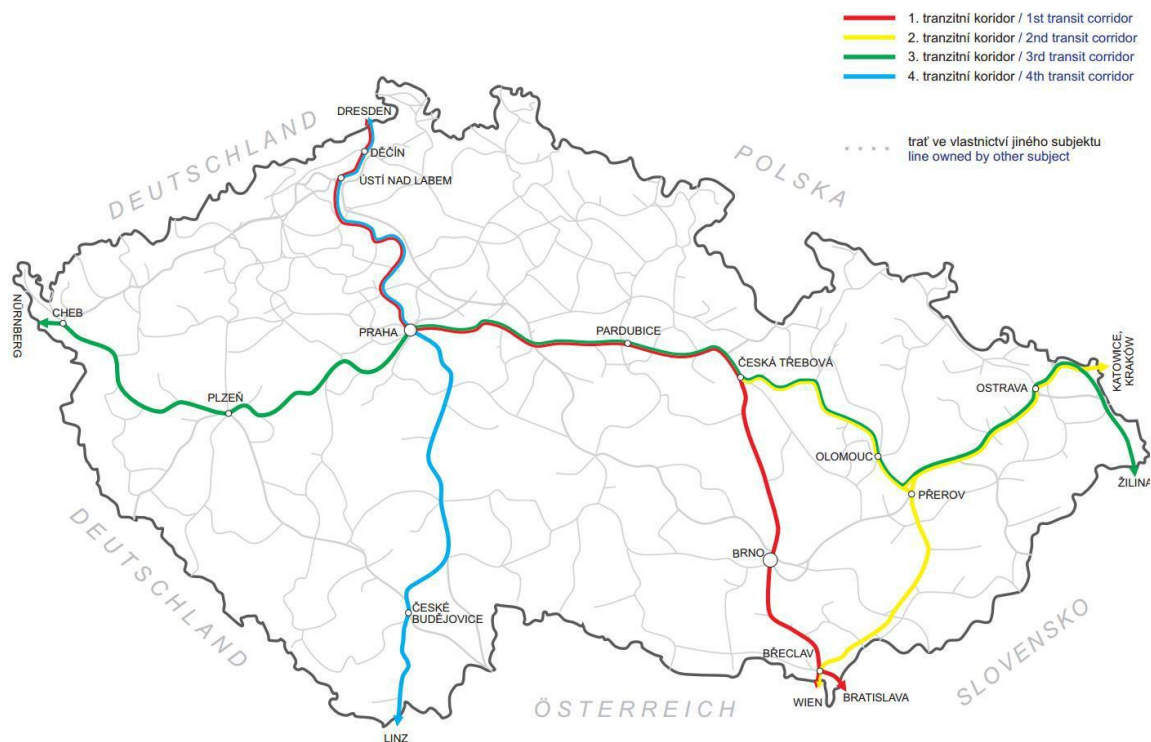
Source: Route planner ViaMichelin, 2017

Road and Motorway Network



Source: Road and Motorway Directorate of the Czech Republic, 2017

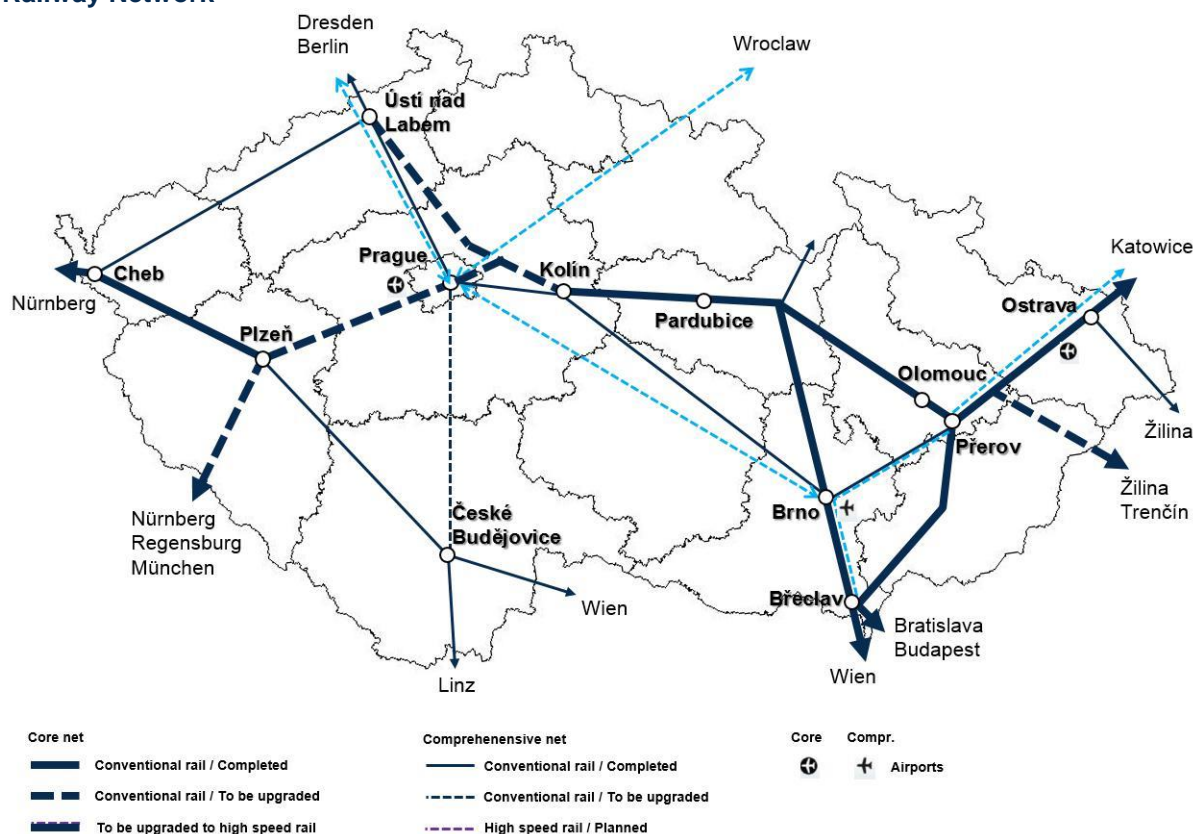
Rail Network and Transit Corridors



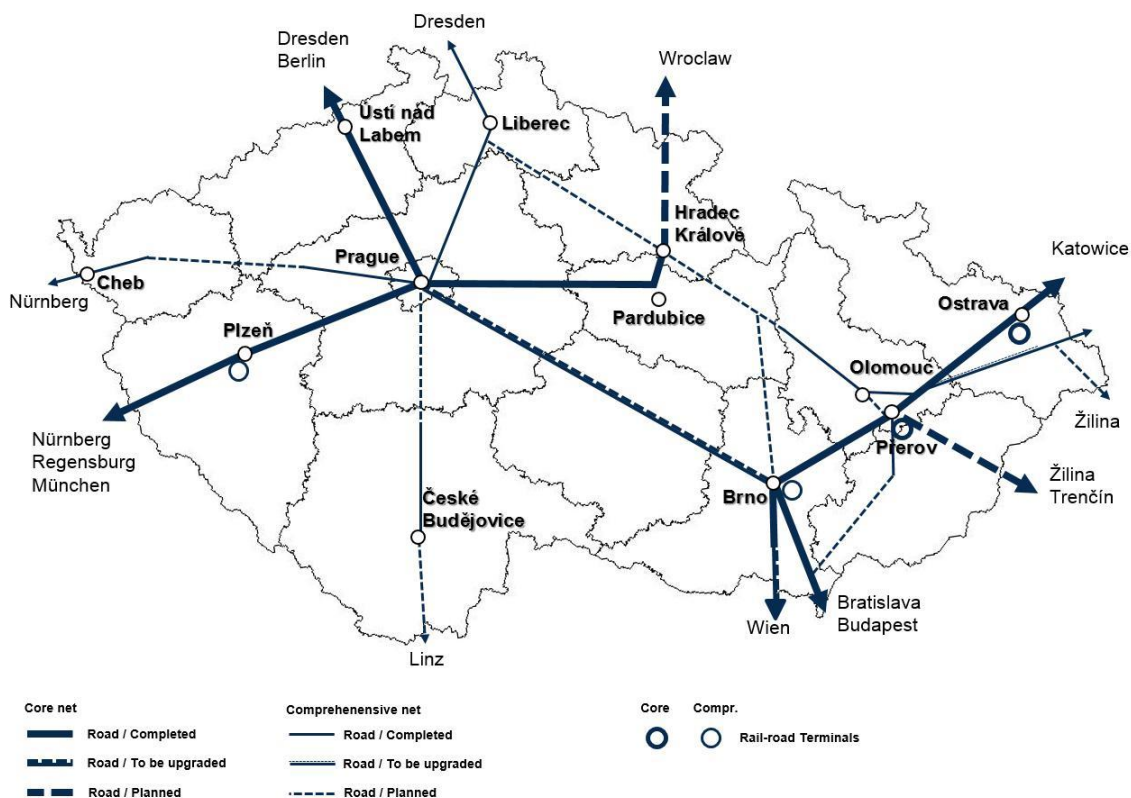
Source: Czech Railways, 2017

Trans-European Network (TEN-T) within the Czech Republic

Railway Network



Road Network



Source: TEN-T / Transport Infrastructure, European Commission, 2017