

HIGH SPEED LINES IN THE WORLD

Updated 1st April 2017

Lines or sections of lines in which operation $V > 250 \text{ km/h}^1$

1: There are some exceptions.

EUROPE

AUSTRIA

In operation:

Section				Max.Speed (km/h)	Year	Distance (km)
Vienna	–	St Pölten		230	2012	48

Total km = 48

Under construction:

Section				Max.Speed (km/h)	Year	Distance (km)
Ybbs	–	Amstetten		230	2015	17
Gloggnitz	–	Mürzzuschlag	(Sermmering-Basistunnel)		2024	27
Graz	–	Klagenfurt	(Koralmtunnel)		2024	110
Brennerachse						64

Total km = 218

Total Austria km = 266

BELGIUM

In operation:

Section				Max.Speed (km/h)	Year	Distance (km)
Brussels	–	French Border (L1)		300	1997	72
Leuven	–	Liège (L2)		300	2002	65
Liège	–	German Border (L3)		260	2009	36
Antwerp	–	Dutch border (L4)		300	2009	36

Total km = 209

Total Belgium km = 209

CZECH REPUBLIC

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Vranovice		Breclav (border A to Wien, border SK to Bratislava)		200 - 350	2020	40
Brno		Prov		200	2020	70
Praha		Lovosice		350	2030	55
Brno		Vranovice		200 - 350	2030	30
Lovosice		border D (to Dresden)		200 - 350	>2040	40
Praha		Brno		350	>2040	205
Prerov		Ostrava		350	>2040	80
Prerov		Ostrava		350	>2040	80
Ostrava		border P (to Katowice)		300	2050	10
Praha		Plzen		250 - 350	2050	75
Plzen		border D (to Nurnberg)		350	2050	55
Praha		border P (to Wroclaw)		350	2050	150

Total km = 890

Total Czech Republic km = 890

DENMARK

Under construction:

Section				Max.Speed (km/h)	Year	Distance (km)
Copenhagen	–	Ringsted		250	2018	56

Total km = 56

Total Denmark km = 56

ESTONIA, LATVIA, LITHUANIA (Rail Baltica)

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Tallin		Riga - Kaunas	Border with Poland	240	2020	740

Total km = 740

Total Rail Baltica km = 740

FRANCE

In operation:

Section	Max.Speed (km/h)	Year	Distance (km)
LN1	300	1981 / 1983	419
LN2	300	1989 / 1990	291
LN4	300	1992 / 1994	121
LN3	300	1994 / 1996	346
LN3 bis	300	1994 / 1996	104
LN5	300	2001	259
LN6	320	2007	332
(Figueres -) Frontière – Perpignan	300	2010	24
LN7	320	2011	140
LN6	320	2016	106

Total km = 2,142

Under construction:

Section	Max.Speed (km/h)	Year	Distance (km)
LGV Bretagne Pays de la Loire (BPL)	350	2017	214
LGV Sud Europe Atlantique (SEA, Tours - Bordeaux)	350	2017	340
Contournement de Nîmes - Montpellier (CNM)	300	2017	80

Total km = 634

Long-term planning:

Section	Max.Speed (km/h)	Year	Distance (km)
Ligne Nouvelle Paris - Normandie (LNPN), zone Paris - Mantes (phase 1)	200	2017-2030	59
Liaison Roissy - Picardie	160	2017-2030	7
LGV Bordeaux - Toulouse (GPSO)	350	2017-2030	250
LGV Bordeaux - Dax (GPSO)	350	2017-2030	205
nœud de Marseille et Cannes - Nice		2017-2030	
Interconnexion Sud en Île-de-France		2030-2050	31
LGV Paris - Orléans - Clermont-Ferrand (POCL)		2030-2050	540
Ligne nouvelle Montpellier - Perpignan (LNMP)		2030-2050	155
LGV Provence Côte d'Azur (LN PCA)	250	2030-2050	189
Ligne Nouvelle Ouest Bretagne Pays-de-la-Loire (LNOBPL)		2030-2050	300
LGV Rhin-Rhône Branche Est (second phase)		2030-2050	50
Accès Alpains Lyon-Chambéry-Turin	300	2030-2050	

Total km = 1,786

Total France km = 4,562

GERMANY

In operation:

Section				Max.Speed (km/h)	Year	Distance (km)
Fulda	–	Würzburg		280	1988	90
Hannover	–	Fulda		280	1991	248
Mannheim	–	Stuttgart		280	1991	109
Hannover (Wolfsburg)	–	Berlin		250	1998	189
Köln	–	Frankfurt		300	2002	184
Köln	–	Düren		250	2003	42
(Karlsruhe -) Rastatt	–	Offenburg		250	2004	44
Leipzig	–	Gröbers (- Erfurt)		160	2003	24
Hamburg	–	Berlin		230	2004	253
Nürnberg	–	Ingolstadt		300	2006	89
München	–	Augsburg		230	2011	62
(Karlsruhe) Katzenberg Tunnel	–	Basel		250	2012	18
Leipzig/Halle	–	Erfurt		300	2015	123

Total km = 1,475

Under construction:

Section				Max.Speed (km/h)	Year	Distance (km)
Ebensfeld	–	Erfurt		300	2017	100
Nürnberg	–	Ebensfeld		160/230	2017	83
Stuttgart	–	Wendlingen		250	2021	57
(Karlsruhe -) Buggingen		Katzenberg tunnel - (Basel)		250	2021	12
Wendlingen	–	Ulm		250	2021	60
Tunnel Rastatt				250	2022	17
(Karlsruhe -) Offenburg		Riegel - (Basel)		250	2029	39

Total km = 368

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Frankfurt	–	Mannheim		300	>2020	84
Hamburg/Bremen	–	Hannover		250		114
(Frankfurt -) Hanau	–	Fulda/Würzburg		300	>2025	126

Total km = 324

Total Germany km = 2,167

ITALY

In operation:

Section		Max.Speed (km/h)	Year	Distance (km)
Rome	– Florence (First section)	250	1981	150
Rome	– Florence (Second section)	250	1984	74
Rome	– Florence (Third section)	250	1992	24
Rome	– Naples	300	2006	220
Turin	– Novara	300	2006	94
Novara	– Milan	300	2009	55
Milan	– Bologna	300	2008	182
Florence	– Bologna	300	2009	77
Naples	– Salerno	250	2009	47
Milan (Treviglio)	– Brescia	300	2016	58

Total km = 981

Under construction:

Section		Max.Speed (km/h)	Year	Distance (km)
Genoa	– Milan (Tortona)	250	2020	67

Total km = 67

Long-term planning:

Section		Max.Speed (km/h)	Year	Distance (km)
Brescia	– Verona	300	>2020	139
Verona	– Padova	250	>2020	82

Total km = 221

Total Italy km = 1,269

THE NETHERLANDS

In operation:

Section		Max.Speed (km/h)	Year	Distance (km)
Schiphol	– Rotterdam – Belgian Border	300	2009	120

Total km = 120

Total Netherlands km = 120

NORWAY

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Sandbukta		Fredrikstad		250	2023	34
Gardermoen		Hamar		250	2023	74
Drammen		Tønsberg		250	2023	60
Fredrikstad		Halden		250	2030	39
Hamar		Lillehammer		250	2030	54
Tønsberg		Skien		250	2030	72

Total km = 333

Total Norway km = 333

POLAND

In operation:

Section				Max.Speed (km/h)	Year	Distance (km)
Grodzisk Maz		Opoczno	Zawiercie	200	2015	224

Total km = 224

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Warszawa - Lodz		Wroclaw	Poznan	350	>2020	484
Warszawa		Katowice	Krakow	300	>2020	373
Wroclaw			BorderCzech Republic	250 - 350	2030	120
Poznan			border Germany	350	2030	150

Total km = 1,127

Total Poland km = 1,351

PORTUGAL

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Lisboa	–	Caia (- Madrid)		350		206
Porto	–	Valença (- Vigo) first phase		250		55
Lisboa	–	Porto		300		290
Porto	–	Valença (- Vigo) second phase		250		45

Total km = 596

Total Portugal km = 596

RUSSIA

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Moscow	–	Kazan		350	2021	770
Moscow	–	St. Petersburg		400	2021-2026	659
Moscow	–	Adler(Sochi)		400	2021-2028	1,549

Total km = 2,978

Total Russia km = 2,978

SPAIN

In operation:

Section				Max.Speed (km/h)	Year	Distance (km)
Madrid	–	Seville		270	1992	471
Madrid	–	Lleida		300	2003	519
Zaragoza	–	Huesca		200	2003	79
(Madrid -) La Sagra	–	Toledo		250	2005	21
Córdoba	–	Antequera		300	2006	100
Lleida	–	Camp de Tarragona		300	2006	82
Madrid	–	Segovia	– Valladolid	300	2007	184
Antequera	–	Málaga		300	2007	55
Camp de Tarragona	–	Barcelona		300	2008	88
By pass Madrid				200	2009	5
Madrid	–	Valencia / Albacete		300	2010	432
Figueres	–	Frontera (- Perpignan)		300	2010	20
Ourense	–	Santiago		250	2011	88
Barcelona	–	Figueres		300	2013	132
Albacete	–	Alicante		300	2013	239
Santiago	–	Vigo		250	2015	94
Valladolid	–	León		200	2015	163
Olmedo	–	Zamora		200	2015	99

Total km = 2,871

Under construction:

Section			Max.Speed (km/h)	Year	Distance (km)		
(Madrid-Valencia/Alicante) - Murcia / Castellón			300		231		
Vitoria	–	Bilbao	–	San Sebastián	250	2019	175
Variante de Pajares					250		50
Bobadilla	–	Granada			250		109
La Coruña	–	Santiago			250		62
Navalmoral	–	Cáceres – Badajoz	–	Fr. Port.	300		278
Sevilla	–	Cádiz			250		152
Hellín	–	Cieza (Variante de Camarillas)			250		27
Sevilla	–	Antequera			300		128
León	–	Asturias					50
Alicante	–	Murcia					

Total km = 1,262

Long-term planning:

Section			Max.Speed (km/h)	Year	Distance (km)		
Venta de Baños	–	Burgos	–	Vitoria	300		173
Madrid	–	Navalmoral de la Mata			300		191
Almería	–	Murcia					190
Valencia	–	Castellón					64
Zamora	–	Orense			300		224
Palencia	–	Santander			300		201
Zaragoza	–	Castejón	–	Logroño	250		149
Castejón	–	Pamplona			300		75
Orense	–	Vigo (vía Cerdedo)			250		60

Total km = 1,327

Total Spain km = 5,460

SWEDEN

Long-term planning:

Section			Max.Speed (km/h)	Year	Distance (km)
Goteborg	–	Boras		2024	50
Jarna	–	Linkoping		2028	150
Boras	–	Linkoping			190
Stockholm	–	Jarna			50
Jonkoing	–	Malmö / Goteborg			300

Total km = 740

Total Sweden km = 740

SWITZERLAND

In operation:

Section				Max.Speed (km/h)	Year	Distance (km)
Mattstetten	–	Rothrist		200	2004	52
Frutigen	–	Visp (Lötschberg base tunnel)		250	2007	35
Erstfeld	–	Biasca (Gotthard base tunnel)		250	2016	57

Total km = 144

Under construction:

Section				Max.Speed (km/h)	Year	Distance (km)
Giubiasco	–	Lugano (Ceneri base tunnel)		250	2019	15

Total km = 15

Total Switzerland km = 159

UNITED KINGDOM

In operation:

Section				Max.Speed (km/h)	Year	Distance (km)
Fawkham Junction	–	Tunnel		300	2003	74
London	–	Southfleet Junction		300	2007	39

Total km = 113

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
London	–	Birmingham (HS2, first section)		360	2025	204
London	–	Manchester/Leeds (HS2, Second section)		360	2032	339

Total km = 543

Total United Kingdom km = 656

TOTAL KM EUROPE:

In operation = 8,327
 Under construction = 2,619
 Planned = 0
 Long-term planning = 11,605
 Total Europe = 22,551

ASIA

BAHRAIN and QATAR

Long-term planning:

Section	Max.Speed (km/h)	Year	Distance (km)
Doha — Manama	350		180

Total km = 180

Total Burren and Qatar km = 180

CHINA (PASSENGERS DEDICATED LINES – PDL)

In operation:

Section	Max.Speed (km/h)	Year	Distance (km)
Qinhuangdao — Shenyang	250	2003	405
Beijing — Tianjing	350	2008	118
Nanjing — Hefei	250	2008	149
Jinan — Qingdao	200	2009	393
Hefei — Wuhan	250	2009	331
Shijiazhuang — Taiyuan	250	2009	224
Wuhan — Guangzhou	300	2009	1,079
Ningbo — Wenzhou — Fuzhou-Xiamen	250	2010	837
Zhengzhou — Xi'an	300	2010	523
Chengdu — Dujiangyan	200	2010	65
Shanghai — Nanjing	300	2010	324
Nanchang — Jiujiang	250	2010	119
Shanghai — Hangzhou	350	2010	147
Changchun — Jilin	250	2010	111
Hainan East Circle	250	2010	308
Guangzhou — Zhuhai North	200	2011	143
Beijing — Shanghai	300	2011	1,318
Guangzhou — ShenZhen (Hongkong)	250	2011	102
Wuhan — Yichang	200	2012	292
Hefei — Bengbu	300	2012	131
Zhengzhou — Wuhan	300	2012	526
Harbin — Dalian	300	2012	921
Beijing — Zhengzhou	300	2012	676
Longyan — Zhangzhou	200	2012	114
Nanjing — Hangzhou	350	2013	256
Hangzhou — Ningbo	350	2013	144
Panjin — Yingkou	350	2013	98

Tianjin	—	Qinhuangdao			350	2013	265
Xiamen	—	Shenzhen			250	2013	468
Xi'an	—	Baoji			300	2013	148
Nanning	—	Liuzhou			250	2013	221
Liuzhou	—	Hengyang			200	2013	497
Nanchang	—	Fuzhou			200	2013	632
Wuhan	—	Xianning			200	2013	76
Qinzhou	—	Beihai			250	2013	100
Nanning	—	Qinzhou			250	2013	99
Qinzhou	—	Fangchenggang			250	2013	63
Taiyuan	—	Xi'an			250	2014	570
Zhengzhou	—	Kaifeng			200	2014	50
Guiyang	—	Guangzhou			300	2014	857
Nanning	—	Guangzhou			250	2014	577
Lanzhou	—	Urumqi			250	2014	1,776
Hangzhou	—	Changsha			300	2014	933
Changsha	—	Xinhuang			300	2014	420
Hefei	—	Fuzhou			300	2015	806
Jilin	—	Huichun			250	2015	361
Harbin	—	Qiqihaer			250	2015	279
Shenyang	—	Dandong			250	2015	206
Hainan West Circle(Haikou-Sanya)					200	2015	345
Zhengzhou	—	Jiaozuo			250	2015	78
Tianjin	—	Yujiapu			300	2015	45
Nanjing	—	An'qing			200	2015	258
Dandong	—	Dalian			200	2015	292
Chengdu	—	Chongqing			300	2015	308
Jinhua	—	Wenzhou			200	2015	188
Tianjin	—	Baoding			250	2015	157
Nanning	—	Baise			200	2015	223
Xinhuang	—	Guiyang			300	2015	286
Ganzhou	—	Longyan			200	2015	250
Zhengzhou	—	Xuzhou			300	2016	362
Qingdao	—	Rongcheng			250	2016	299
Chongqing	—	Wanzhou			250	2016	247
Wuhan	—	Xiaogan			200	2016	62
Changsha	—	Zhuzhou	Xiangtan		200	2016	96
Kunming	—	Baise			200	2016	486
Guiyang	—	Kunming			300	2016	463
Dongguan	—	Huizhou			200	2016	100
Guangzhou	—	Zhaoqing			200	2016	111

Total km = 23,914

Under construction:

Section				Max.Speed (km/h)	Year	Distance (km)
Datong	—	Taiyuan		250	2016	289
Xuzhou	—	Zhengzhou		300	2016	362
Shijiazhuang	—	Ji'nan		250	2017	323
Baoji	—	Lanzhou		250	2017	401
Xi'an	—	Chengdu		250	2017	509
Zhangjiakou	—	Hohhot		250	2017	287
Beijing	—	Shenyang		350	2018	697
Harbin	—	Jiamusi		200	End/2018	343
Jinan	—	Qingdao		350	2018	308
Harbin	—	Mudanjiang		250	2019	293
Beijing	—	Zhangjiakou		300	2019	174
Shangqiu	—	Hangzhou (via Hefei)		350	2019	770
Beijing	—	Tangshan		350	2019	149
Chengdu	—	Guiyang		250	2019	633
Nanchang	—	Ganzhou		350	2020	420
Wuhan	—	Huangshi		200		96
Zhengzhou	—	Wanzhou		350	2021	785
Huangshi	—	Jiujiang		250		112
Fuzhou	—	Xiamen(Zhanzhou)		350		297
Xuzhou	—	Yancheng		250	2019	316
Zhengzhou	—	Fuyang		300		277
Ganzhou	—	Shenzhen		350	2020	432
Mudanjiang	—	Jiamusi				375
Zhangjiajie	—	Huaihua				247
Zhongwei	—	Lanzhou				218
Nanning	—	Guiyang				482
Lianyungang	—	Xuzhou				180
Beijing	—	Bazhou				78
Beijing	—	Tianjin Binhai New Area				98
Chongli Railway						67
Lanfang	—	Zhuozhou				65
Capital Airport	—	Beijing New Airport				160
Pinggu section	—	Ring Line Langfang				88
Gu'an	—	Baoding				106
Beijing	—	Shijiazhuang				293

Total km = 10,730

Planned:

Section				Max.Speed (km/h)	Year	Distance (km)
Chongqing	—	Kunming		350		720
Chifeng	—	Kazuo		250		157
Guangzhou	—	Shantou		300		194
Tongliao	—	Xinmin		250		197

Total km = 1,268

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Zhangjiakou	—	Datong		250		137
Meizhou	—	Shantou		250		120

Total km = 257

Total China km = 36,169

TAIWAN-CHINA**In operation:**

Section				Max.Speed (km/h)	Year	Distance (km)
Taipei	—	Kaohsiung		300	2007	345
Taipei	—	Nangang			2016	9

Total km = 354

Total Taiwan-China km = 354

INDIA**Long-term planning:**

Section				Max.Speed (km/h)	Year	Distance (km)
Mumbai	—	Amehdabad		250		495
Mumbai	—	Pune				185
Delhi	—	Amritsar				480
Delhi	—	Patna				1000
Howrah-Kolkata	—	Haldia				140
Hyderabad	—	Chennai		300		720
Chennai	—	Thiruvananthapuram		300		1080
Delhi	—	Jodhpur				530

Total km = 4,630

Total India km = 4,630

INDONESIA

Planned:

Section	Max.Speed (km/h)	Year	Distance (km)
Jakarta — Bandung	250	2019	160

Total km = 160

Long-term planning:

Section	Max.Speed (km/h)	Year	Distance (km)
Bandung — Surabaya	300		570

Total km = 570

Total Indonesia km = 730

IRAN

Under construction:

Section	Max.Speed (km/h)	Year	Distance (km)
Teheran — Qom	200		150
Qom — Esfahan	300		275

Total km = 425

Long-term planning:

Section	Max.Speed (km/h)	Year	Distance (km)
Teheran — Mashad	270		870

Total km = 870

Total Iran km = 1,295

JAPAN (SHINKANSEN SYSTEM)

In operation:

Section			Max.Speed (km/h)	Year	Distance (km)
Tokyo	—	Shin Osaka (Tokaido)	270	1964	515
Shin Osaka	—	Okayama (San-yo)	270	1972	161
Okayama	—	Hakata (San-yo)	300	1975	393
Omiya	—	Morioka (Tohoku)	320	1982	465
Omiya	—	Niigata (Joetsu)	240	1982	270
Ueno	—	Omiya (Tohoku)	110	1985	27
Tokyo	—	Ueno (Tohoku)	70	1991	4
Fukushima	—	Yamagata (Yamagata)	130	1992	87
Morioka	—	Akita (Akita)	130	1997	127
Takasaki	—	Nagano (Hokuriku)	260	1997	117
Yamagata	—	Shinjo (Yamagata)	130	1999	62
Morioka	—	Hachinohe (Tohoku)	260	2002	97
Shin Yatsushiro	—	Kagoshima Chuo (Kyushu)	260	2004	127
Hachinohe	—	Shin Aomori (Tohoku)	260	2010	82
Hakata	—	Shin Yatsushiro (Kyushu)	260	2011	130
Nagano	—	Kanazawa (Hokuriku)	260	2015	228
Shin Aomori	—	Shin Hakodate (Hokkaido)	260/140	2016	149

Total km = 3,041

Under construction:

Section			Max.Speed (km/h)	Year	Distance (km)
Takeo Onsen	—	Isahaya (Kyushu)			45
Isahaya	—	Nagasaki (Kyushu)		2023	21
Kanazawa	—	Tsuruga (Hokuriku)	260	2025	125
Shin Hakodate	—	Sapporo (Hokkaido)	260	2035	211

Total km = 402

Long-term planning:

Section			Max.Speed (km/h)	Year	Distance (km)
Tsuruga	—	Osaka (Hokuriku)			128
Shin Tosu	—	Takeo Onsen (Kyushu)			51

Total km = 179

Total Japan km = 3,622

KAZAKHSTAN

Planned:

Section	Max.Speed (km/h)	Year	Distance (km)
Astana — Almaty	250	2017	1011

Total km = 1,011

Total Kazakhstan km = 1,011

MALAYSIA and SINGAPORE

Long-term planning:

Section	Max.Speed (km/h)	Year	Distance (km)
Kuala Lumpur — Johor Bahru — Singapore	300	2026	350

Total km = 350

Total Malaysia and Singapore km = 350

SAUDI ARABIA

Under construction:

Section	Max.Speed (km/h)	Year	Distance (km)
Medina — Jeddah — Mecca	300	2017	453

Total km = 453

Total Saudi Arabia km = 453

SOUTH KOREA

In operation:

Section	Max.Speed (km/h)	Year	Distance (km)
Seoul — Dongdaegu	300	2004	330
Dongdaegu — Busan	300	2010	82
Osong — Gwangju	300	2015	184
Suseo — Pyoengtaek	300	2016	61

Total km = 657

Under construction:

Section	Max.Speed (km/h)	Year	Distance (km)
Wonju — Gangneung	250	2017	120

Total km = 120

Planned:

Section	Max.Speed (km/h)	Year	Distance (km)
Gwangju — Mokpo	300	2022	49

Total km = 49

Total South Korea km = 826

THAILAND

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Bangkok	—	Chiang Mai		250		745
Ayuthaya	—	Nakhon Ratchasima	—	Nong Khai	250	615
Bangkok	—	Rayong		250		221
Bangkok	—	Hai Yai	—	Padang Desar?	250	982
Nakhon Ratchasima	—	Ubon Ratchasima		250		314

Total km = 2,877

Total Thailand km = 2,877

TURKEY

In operation:

Section				Max.Speed (km/h)	Year	Distance (km)
(Ankara-)Sinkan	—	Eskisehir		250	2009	232
Polatli	—	Konya		250	2011	212
Eskisehir	—	İzmit		250	2014	188
İzmit	—	Pendik		160	2014	56

Total km = 688

Under construction:

Section				Max.Speed (km/h)	Year	Distance (km)
Bursa	—	Yenişehir		250	2015	75
Yerköy	—	Sivas		250	2015	292
Konya	—	Karaman		200	2015	102

Total km = 469

Planned:

Section				Max.Speed (km/h)	Year	Distance (km)
Kayseri kuzey geçişi				160	2013	23
Bandırma	—	Bursa		250	2015	100
Yenişehir	—	Osmaneli		250	2015	30
Sivas	—	Erzincan		250	2015	235
Nusaybin	—	Cizre	— Habur hattı	160	2016	135
Mürşitpınar	—	Urfa		160	2016	63

Total km = 586

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Ankara	—	Kayseri		250		175
Halkalı	—	Bulgaria Border		250		230
Gebze	—	İstanbul				43
Gaziantep	—	Çobanbey	— Halep			100

Total km = 548

Total Turkey km = 2,291

VIETNAM**Long-term planning:**

Section				Max.Speed (km/h)	Year	Distance (km)
Hanoi	—	Hô Chi Minh		300		1600

Total km = 1,600

Total Vietnam km = 1,600

TOTAL KM ASIA:

In operation = 28,654
Under construction = 12,599
Planned = 3,074
Long-term planning = 12,061
Total Asia = 56,388

OTHER HIGH SPEED SYSTEMS

AUSTRALIA

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Sydney	—	Canberra		350	2035	283
Melbourne	—	Gunning(-Sydney)		350	2040	611
Sydney	—	Newcastle		350	2045	134
Brisbane	—	Gold Coast		350	2051	115
Newcastle	—	Bronelton(-Gold Coast)		350	2058	606

Total km = 1,749

Total Australia km = 1,749

BRAZIL

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Rio de Janeiro	—	Sao Paulo	—	Campinas	300	511

Total km = 511

Total Brazil km = 511

CANADA

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Quebec	—	Ottawa	—	Windsor		1300
Calgary	—	Edmonton				290

Total km = 1,590

Total Canada km = 1,590

EGYPT

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Cairo	—	Alexandria				210
Cairo	—	Luxor				700
Hurghada	—	Luxor				300

Total km = 1,210

Total Egypt km = 1,210

MEXICO

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Mexico DF	—	Querétaro		300		210

Total km = 210

Total Mexico km = 210

MOROCCO

Under construction:

Section				Max.Speed (km/h)	Year	Distance (km)
Tanger	—	Kenitra		300	2018	183

Total km = 183

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Settat	—	Marrakech		300		480

Total km = 480

Total Morocco km = 663

SOUTH AFRICA

Long-term planning:

Section				Max.Speed (km/h)	Year	Distance (km)
Johannesburg	—	Durban		300		610
Johannesburg	—	Cape Town		300		1300
Johannesburg	—	Messina		300		480

Total km = 2,390

Total South Africa km = 2,390

USA

In operation:

Section	Max.Speed (km/h)	Year	Distance (km)
North East Corridor ([Boston –] New York – Washington)	240		362

Total km = 362

Under construction:

Section	Max.Speed (km/h)	Year	Distance (km)
Fresno – Bakersfield	300	2021	483

Total km = 483

Long-term planning:

Section	Max.Speed (km/h)	Year	Distance (km)
Sacramento / San Francisco – Fresno		>2025	147
Bakersfield – Los Angeles	300	>2025	147
North East Corridor ([Boston –] New York – Washington)	350		735

Total km = 1029

Total USA km = 1,874

TOTAL KM OTHER COUNTRIES:

In operation = 362
 Under construction = 666
 Planned = 0
 Long-term planned = 9,169
 Total Other Countries 2025 = 10,197

TOTAL KM WORLD:

In operation = 37,343
 Under construction = 15,884
 Planned = 3,074
 Long-term planned = 32,835
 Total of World = 89,137