

HIGH SPEED LINES IN THE WORLD (Summary)

Updated 22nd January 2019

Definitions

In operation: It is now operating on High Speed.
 Under construction: It is now constructing of High Speed lines.
 Planned: It is approved but not start constructing.
 Long-term planning: It is not approved. Just planned.

Lines or sections of lines in which operation $V \geq 250$ km/h1

1:There are some exceptions.

Area	Country	Distance(km)				Total
		1. In operation	2. Under construction	3. Planned	4. Long-term planning	
ASIA	BAHRAIN and QATAR	-	-	-	180	180
ASIA	CHINA (Passengers Dedicated Lines / PDL)	31,043	7,207	1,071	257	39,578
ASIA	INDIA	-	-	508	4,126	4,634
ASIA	INDONESIA	-	-	712	-	712
ASIA	IRAN	-	787	926	1,093	2,806
ASIA	ISRAEL	-	-	85	-	85
ASIA	JAPAN (SHINKANSEN SYSTEM)	3,041	402	194	-	3,637
ASIA	KAZAKHSTAN	-	-	-	1,011	1,011
ASIA	MALAYSIA and SINGAPORE	-	-	-	350	350
ASIA	SAUDI ARABIA	453	-	-	-	453
ASIA	SOUTH KOREA	887	-	49	-	936
ASIA	TAIWAN-CHINA	354	-	-	-	354
ASIA	THAILAND	-	-	615	2,262	2,877
ASIA	TURKEY	594	1,153	2,230	2,859	6,836
ASIA	VIETNAM	-	-	-	1,600	1,600
EUROPE	AUSTRIA	263	281	71	-	615
EUROPE	BELGIUM	209	-	-	-	209
EUROPE	CZECH REPUBLIC	-	-	-	810	810
EUROPE	DENMARK	-	56	-	-	56
EUROPE	ESTONIA, LATVIA, LITHUANIA (Rail Baltica)	-	-	-	870	870
EUROPE	FRANCE	2,814	-	-	1,725	4,539
EUROPE	GERMANY	1,571	147	81	210	2,009
EUROPE	ITALY	896	53	-	152	1,101
EUROPE	NORWAY	-	-	-	333	333
EUROPE	POLAND	224	-	484	598	1,306
EUROPE	PORTUGAL	-	-	-	596	596
EUROPE	RUSSIA	-	-	770	2,208	2,978
EUROPE	SPAIN	2,852	904	1,061	-	4,817
EUROPE	SWEDEN	-	11	-	739	750
EUROPE	SWITZERLAND	144	15	-	-	159
EUROPE	THE NETHERLANDS	90	-	-	-	90
EUROPE	UNITED KINGDOM	113	230	320	-	663
OTHER	AUSTRALIA	-	-	-	1,749	1,749
OTHER	BRAZIL	-	-	-	511	511
OTHER	CANADA	-	-	-	290	290
OTHER	EGYPT	-	-	-	1,210	1,210
OTHER	MEXICO	-	-	-	210	210
OTHER	MOROCCO	200	-	139	975	1,314
OTHER	SOUTH AFRICA	-	-	-	2,390	2,390
OTHER	USA	735	192	1,710	449	3,086

ASIA(17)	36,372	9,549	6,390	13,738	66,049
EUROPE(19)	9,176	1,697	2,787	8,241	21,901
OTHER(8)	935	192	1,849	7,784	10,760

TOTAL(44)	46,483	11,438	11,026	29,763	98,710
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Lines or sections of lines in which operation $V \geq 250$ km/h1

1:There are some exceptions.

Area	Country	Status	Section	Max.Speed (km/h)	Date	Distance (km)
ASIA	BAHRAIN and QATAR	4. Long-term planning	Doha – Manama	350		180
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qinhuangdao – Shenyang North	250	2003.12.31	404.9
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanjing South – Hefei	250	2008.04.18	148
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Beijing South – Tianjing	350	2008.08.01	118
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qingdao – Jinan	200	2009.01.10	393
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hefei East – Hankou	250	2009.04.01	380
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Shijiazhuang North – Taiyuan	250	2009.04.18	227
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Suining – Chengdu East	200	2009.07.01	146
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Ningbo – Cangnan	250	2009.09.28	351
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Wuhan – Guangzhou South	350	2009.12.26	1079.4
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Zhengzhou East – Xi'an North	350	2010.02.06	553
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Cangnan – Fuzhou	250	2010.04.26	211
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Fuzhou – Xiamenbei	250	2010.04.26	234
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chengdu – Qingchengshan	200	2010.05.10	65.4
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Shanghai – Nanjing	350	2010.07.01	323.5
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Jiujiang – Nanchang West	250	2010.08.28	138
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Shanghai Hongqiao – Hangzhou South	350	2010.10.26	173
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Haikou – Sanya (East Ring)	250	2010.12.30	308.1
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Guangzhou South – Zhuhai	200	2011.01.07	142.9
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changchun – Jilin	250	2011.01.11	110.9
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Beijing South – Shanghai Hongqiao	350	2011.06.03	1318.3
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Guangzhou South – Futian	250	2011.12.26	111
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Longyan – Zhangzhou	200	2012.06.29	113.5
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hankou – Yichang East	200	2012.07.01	292.1
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Zhengzhou East – Wuhan	350	2012.09.28	525.6
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Bengbu South – Hefei	350	2012.10.16	130.6
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Dalian North – Harbin West	350	2012.12.01	921.2
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Taigemu – Baotou	200	2012.12.15	145
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Beijing West – Zhengzhou East	350	2012.12.26	676.2
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Taishansuo(block station) – Liuzhou	200	2012.12.28	498
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanjing South – Hangzhou East	350	2013.07.01	254
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hangzhou South – Ningbo	350	2013.07.01	155
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Panjin North – Yingkou East	350	2013.09.12	90
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanchang West – Fuzhou	200	2013.09.26	547
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Yongtai – Putian	200	2013.09.26	59
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Tianjin – Qinhuangdao	350	2013.12.01	288
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Xi'an North – Baoji South	350	2013.12.28	137
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Xiamen North – Shenzhen North	250	2013.12.28	513
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanhu East – Xianning South	250	2013.12.28	76
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Liuzhou – Nanning	250	2013.12.28	223
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qinzhou North – Fangchenggang	250	2013.12.28	62
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanning East – Beihai	250	2013.12.28	197
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Pixian West – Pengzhou	200	2013.12.28	21
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chongqing North – Liangwu	200	2013.12.28	265
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanning – Genzhu	250	2014.04.16	143
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Genzhu – Guangzhou South	200	2014.04.16	431
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Wuhan – Dayebei	250	2014.06.18	91
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Gedian South – Huanggangdong	250	2014.06.18	36
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Taiyuan South – Xi'an North	250	2014.07.01	571
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hangzhou South – Changsha South	350	2014.12.10	911
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changsha South – Xinhuang West	350	2014.12.16	420
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Jiangyou – Chengdu East	250	2014.12.20	153
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chengdu East – Leshan	250	2014.12.20	135
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Leshan – Emeishan	250	2014.12.20	27
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Lanzhou West – Ürümqi South	250	2014.12.26	1785
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Longlibei – Guangzhou South	250	2014.12.26	857
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qingdao – Rongcheng	250	2014.12.28	301
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Zhengzhou East – Songchenglu	200	2014.12.28	50
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Ximotang – Yantai	250	2015.02.19	19
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanyangzhai – Jiaozuo	200	2015.06.16	70
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Xinhuang West – Guiyang North	350	2015.06.18	286
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hefeiweicheng – Fuzhou	350	2015.06.28	850
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Harbin North – Qiqihaer South	250	2015.08.17	269
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Shenyang South – Dandong	250	2015.09.01	208

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Area	Country	Status	Section	Max.Speed (km/h)	Date	Distance (km)
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Tianjin – Yujiapu	350	2015.09.20	43
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Jilin – Huichun	250	2015.09.20	361
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanjing East – Anqing	250	2015.12.06	257
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanning – Baise	250	2015.12.11	223
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Dandong – Dalian North	200	2015.12.17	293
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chengdu East – Banbishan(block station)	250	2015.12.25	296
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Tangyasuo(block station) – Wenzhou South	200	2015.12.26	190
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Ganxian – Longyan	200	2015.12.26	248
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Tianjin West – Bazhou West	250	2015.12.28	73
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Bazhou West – Xushui	200	2015.12.28	65
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Haikou – Sanya (West Ring)	200	2015.12.30	345
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Zhengzhou East – Xinzheng Airport	200	2015.12.31	27
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Foshan West – Zhaoqing	200	2016.03.30	81
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changping East – Xiaojinkou	200	2016.03.30	53
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Zhengzhou – Xuzhou	350	2016.09.10	357
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chongqing North – Wanzhou North	250	2016.11.25	246
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hankou – Xiaogan East	200	2016.11.25	61
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changsha – Zhuzhou Xiangtan	200	2016.12.26	82
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Guiyang North – Kunming	250	2016.12.28	463
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Kunming – Baise	250	2016.12.28	487
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Daye North – Yangxin	250	2017.06.11	37
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Baoji South – Lanzhou West	250	2017.07.09	401
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Ulanqab – Hohht East	250	2017.08.03	128
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Yangxin – K23 Block Station	250	2017.09.25	82
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Xi'an North – Jinangyou	250	2017.12.06	505
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Huaibei North – Xiaoxian North	250	2017.12.26	25
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Shijiazhuang – Ji'nan West	250	2017.12.28	298
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Quzhou – Jiujiang	200	2017.12.28	334
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Dongguan – Changping East	200	2017.12.28	48
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changsha West – Changsha	200	2017.12.28	21
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chongqing West – Guiyang	200	2018.01.25	378.6
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Guangtong North – Dali	200	2018.07.01	174.8
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Jiangmen – Zhanjaing West	200	2018.07.01	356
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Xinhui – Jiangmen	200	2018.07.01	3.2
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Futian – Hong Kong(boundary)	200	2018.09.23	4.3
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Yuanping West – Taiyuan South	200	2018.09.28	110.5
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Harbin – Jiamusi	200	2018.09.30	342.9
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Harbin – harbin North	200	2018.11.23	13
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hangzhou South – Huangshan North	200	2018.12.25	272
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Harbin – Mudanjiang	250	2018.12.25	300
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qingdao North – Ganyu North	200	2018.12.26	197
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Ganyu North – Yancheng North	200	2018.12.26	231
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Huaihua South – Hengyang East	200	2018.12.26	319
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Xiantang – Yanjialong	200	2018.12.26	5
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changtang(block station) – Hengyang North	200	2018.12.26	5
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changtang(block station) – Chashan'ao	200	2018.12.26	5
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qihe – Jinan East	200	2018.12.26	30
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Dazhengzhuang(block station) – Damoliu(block station)	200	2018.12.26	4
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Jinan East – Wulitang(block station)	200	2018.12.26	16
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Jinan East – Qingdao	350	2018.12.26	305
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Tongren – Dazongping	200	2018.12.26	46
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chengdu West – Chaoyang Lake	200	2018.12.28	100
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanping North – Longyan	200	2018.12.29	247
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Houling(block station) – Hongxing(block station)	200	2018.12.29	8
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Huyi(block station) – Aibe(block station)	200	2018.12.29	2
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chengde South – Pingquan North	350	2018.12.29	67
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Pingquan North – Shenyang	350	2018.12.29	427
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qiansheng West(block station) – Houdingxiang East(block station)	200	2018.12.29	2
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Tongliao – Xinmin North	250	2018.12.29	197
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Yaojiawopu(block station) – Tianjiawopu(block station)	200	2018.12.29	6
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Shangqiu – Hangzhou (via Hefei)	350	2019.	770
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Beijing – Tangshan	350	2019.	149
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Beijing – Zhangjiakou	350	2019.	174
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Chengdu – Guiyang	250	2019.	633

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Area	Country	Status	Section	Max.Speed (km/h)	Date	Distance (km)
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Xuzhou – Yancheng	250	2019.	316
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Nanchang – Ganzhou	350	2020.	420
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Ganzhou – Shenzhen	350	2020.	432
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Zhengzhou – Wanzhou	350	2021.	785
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Fuzhou – Xiamen(Zhanzhou)	350		297
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Zhengzhou – Fuyang	300		277
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Datong – Taiyuan	250		289
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Huangshi – Jiujiang	250		112
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Wuhan – Huangshi	200		96
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Mudanjiang – Jiamusi			375
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Zhangjiajie – Huaihua			247
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Zhongwei – Lanzhou			218
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Nanning – Guiyang			482
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Lianyungang – Xuzhou			180
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Beijing – Bazhou			78
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Beijing – Tianjin Binhai New Area			98
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Chongli Railway			67
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Lanfang – Zhuozhou			65
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Capital Airport – Beijing New Airport			160
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Pinggu section – Ring Line Langfang			88
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Gu'an – Baoding			106
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Beijing – Shijiazhuang			293
ASIA	CHINA (Passengers Dedicated Lines / PDL)	3. Planned	Chongqing – Kunming	350		720
ASIA	CHINA (Passengers Dedicated Lines / PDL)	3. Planned	Guangzhou – Shantou	300		194
ASIA	CHINA (Passengers Dedicated Lines / PDL)	3. Planned	Chifeng – Kazuo	250		157
ASIA	CHINA (Passengers Dedicated Lines / PDL)	4. Long-term planning	Zhangjiakou – Datong	250		137
ASIA	CHINA (Passengers Dedicated Lines / PDL)	4. Long-term planning	Meizhou – Shantou	250		120
ASIA	INDIA	3. Planned	Mumbai – Amehdabad	320	2023.08.15	508
ASIA	INDIA	4. Long-term planning	Hyderabad – Chennai	300		720
ASIA	INDIA	4. Long-term planning	Chennai – Thiruvananthapuram	300		1080
ASIA	INDIA	4. Long-term planning	Mumbai – Pune			185
ASIA	INDIA	4. Long-term planning	Delhi – Amritsar			480
ASIA	INDIA	4. Long-term planning	Delhi – Patna	300		991
ASIA	INDIA	4. Long-term planning	Patna – Howrah-Kolkata	300		
ASIA	INDIA	4. Long-term planning	Howrah-Kolkata – Haldia	300		140
ASIA	INDIA	4. Long-term planning	Delhi – Jodhpur	320		530
ASIA	INDONESIA	3. Planned	Jakarta – Bandung	250	2024.	142
ASIA	INDONESIA	3. Planned	Bandung – Surabaya	300	2020.	570
ASIA	IRAN	2. Under construction	Teheran – Qom – Isfahan	250	2021.	410
ASIA	IRAN	2. Under construction	Qom – Arak			117
ASIA	IRAN	2. Under construction	Teheran – Hamedan			260
ASIA	IRAN	3. Planned	Teheran – Mashhad	200		926
ASIA	IRAN	4. Long-term planning	Teheran – Tabriz			600
ASIA	IRAN	4. Long-term planning	Isfahan – Shiraz			493
ASIA	ISRAEL	3. Planned	Tel Aviv – Haifa	250		85
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Tokyo – Shin Osaka (Tokaido)	285	1964.10.01	515.4
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Shin Osaka – Okayama (San-yo)	300	1972.03.15	160.9
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Okayama – Hakata (San-yo)	300	1975.03.10	392.8
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Omiya – Morioka (Tohoku)	320	1982.06.23	465.2
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Omiya – Niigata (Joetsu)	240	1982.11.15	269.5
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Ueno – Omiya (Tohoku)	110	1985.03.14	27.7
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Tokyo – Ueno (Tohoku)	70	1991.06.20	3.6
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Fukushima – Yamagata (Yamagata)	130	1992.07.01	87
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Morioka – Akita (Akita)	130	1997.03.22	127.3
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Takasaki – Nagano (Hokuriku)	260	1997.10.01	117.4
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Yamagata – Shinjo (Yamagata)	130	1999.12.04	62
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Morioka – Hachinohe (Tohoku)	260	2002.12.01	96.6
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Shin Yatsushiro – Kagoshima Chuo (Kyushu)	260	2004.03.13	126.8
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Hachinohe – Shin Aomori (Tohoku)	260	2010.12.04	81.8
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Hakata – Shin Yatsushiro (Kyushu)	260	2011.03.12	130
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Nagano – Kanazawa (Hokuriku)	260	2015.03.14	228
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Shin Aomori – Shin Hakodate (Hokkaido)	260	2016.03.26	148.8
ASIA	JAPAN (SHINKANSEN SYSTEM)	2. Under construction	Takeo Onsen – Isahaya(Kyushu)		2022.	45
ASIA	JAPAN (SHINKANSEN SYSTEM)	2. Under construction	Isahaya – Nagasaki(Kyushu)		2022.	21

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1:There are some exceptions.

Area	Country	Status	Section	Max.Speed (km/h)	Date	Distance (km)
ASIA	JAPAN (SHINKANSEN SYSTEM)	2. Under construction	Kanazawa – Tsuruga (Hokuriku)	260	2023.	125
ASIA	JAPAN (SHINKANSEN SYSTEM)	2. Under construction	Shin Hakodate – Sapporo (Hokkaido)	260	2031.	211
ASIA	JAPAN (SHINKANSEN SYSTEM)	3. Planned	Tsuruga – Shin Osaka (Hokuriku)		2046.	143
ASIA	JAPAN (SHINKANSEN SYSTEM)	3. Planned	Shin Tosu – Takeo Onsen (Kyushu)			51
ASIA	KAZAKHSTAN	4. Long-term planning	Astana – Almaty	250		1011
ASIA	MALAYSIA and SINGAPORE	4. Long-term planning	Kuala Lumpur – Johor Bahru – Singapore	320	2026.	350
ASIA	SAUDI ARABIA	1. In operation	Medina – Jeddah – Mecca	300	2018.09.25	453
ASIA	SOUTH KOREA	1. In operation	Seoul – Dongdaegu	305	2004.	330
ASIA	SOUTH KOREA	1. In operation	Dongdaegu – Busan	305	2010.	82
ASIA	SOUTH KOREA	1. In operation	Osong – Gwangju	305	2015.	184
ASIA	SOUTH KOREA	1. In operation	Suseo – Pyoengtaek	305	2016.	61
ASIA	SOUTH KOREA	1. In operation	Seoul – Gangneung	250	2017.12.20	230
ASIA	SOUTH KOREA	3. Planned	Gwangju – Mokpo	300	2025.	49
ASIA	TAIWAN-CHINA	1. In operation	Taipei – Kaohsiung	300	2007.	345
ASIA	TAIWAN-CHINA	1. In operation	Taipei – Nangang	130	2016.	9
ASIA	THAILAND	3. Planned	Ayuthaya – Nakhon Ratchasima – Nong Khai	250		615
ASIA	THAILAND	4. Long-term planning	Bangkok – Chiang Mai	250		745
ASIA	THAILAND	4. Long-term planning	Bangkok – Rayong	250		221
ASIA	THAILAND	4. Long-term planning	Bangkok – Hai Yai – Padang Desar?	250		982
ASIA	THAILAND	4. Long-term planning	Nakhon Ratchasima – Ubon Ratchasima	250		314
ASIA	TURKEY	1. In operation	(Ankara)-Sincan – Eskisehir	250	2009.	221
ASIA	TURKEY	1. In operation	Polatli – Konya	250	2011.	212
ASIA	TURKEY	1. In operation	Eskisehir – Izmit – Pendik	250	2014.	155
ASIA	TURKEY	1. In operation	Reverse triangle	-	-	6
ASIA	TURKEY	2. Under construction	Osmaneli – Bursa	250		105
ASIA	TURKEY	2. Under construction	Kayaş – Yerköy	300		152
ASIA	TURKEY	2. Under construction	Yerköy – Sivas	300		245
ASIA	TURKEY	2. Under construction	Polatli – Uşak	300		278
ASIA	TURKEY	2. Under construction	Uşak – İzmir	300		192
ASIA	TURKEY	2. Under construction	Konya – Karaman	200		102
ASIA	TURKEY	2. Under construction	Adana – Osmaniye(Toprakkale)	200		79
ASIA	TURKEY	3. Planned	Yerköy – Kayseri YHT	250		142
ASIA	TURKEY	3. Planned	Sivas – Erzincan(Zara-İmranlı, İmranlı-Erzincan)	200		168
ASIA	TURKEY	3. Planned	Halkalı – Kapıkule(Bulgaria Border)	200		230
ASIA	TURKEY	3. Planned	Gezbe-Sabiha Gökçen Havalimanı-Yavuz Sultan Selim Köprüsü (3. Köprü) -İstanbul Yeni Havalimanı -Halkalı	200		124
ASIA	TURKEY	3. Planned	Antalya-Isparta/Burdur-Afyon-Kütahya-Eskişehir	200		423
ASIA	TURKEY	3. Planned	Antalya – Kayseri	200		530
ASIA	TURKEY	3. Planned	Samsun – Amasya-Çorum – Kırıkkale	200		292
ASIA	TURKEY	3. Planned	Delice(Kırıkkale) – Kırşehir – Aksaray	200		235
ASIA	TURKEY	3. Planned	Aksaray – Ulukışla	200		86
ASIA	TURKEY	4. Long-term planning	Ulukışla – Yenice	200		110
ASIA	TURKEY	4. Long-term planning	Sivas – Çetinkaya – Malatya	200		237
ASIA	TURKEY	4. Long-term planning	Gaziantep – Şanlıurfa	200		151
ASIA	TURKEY	4. Long-term planning	Gaziantep(Nurdağ) – Kahramanmaraş	200		46
ASIA	TURKEY	4. Long-term planning	Nusaybin – Cizre - Silopi – Habur	160		134
ASIA	TURKEY	4. Long-term planning	Gölbasi – Adıyaman – Kahta	160		100
ASIA	TURKEY	4. Long-term planning	Erzincan – Erzurum	200		210
ASIA	TURKEY	4. Long-term planning	Erzurum – Kars	200		205
ASIA	TURKEY	4. Long-term planning	Tokat – Turhal	160		42
ASIA	TURKEY	4. Long-term planning	Malatya – Elazığ	200		126
ASIA	TURKEY	4. Long-term planning	Siirt – Kurtalan	160		36
ASIA	TURKEY	4. Long-term planning	Bergama – Soma	200		42
ASIA	TURKEY	4. Long-term planning	Şanlıurfa – Mardin	200		181
ASIA	TURKEY	4. Long-term planning	Ödemiş – Kiraz	160		30
ASIA	TURKEY	4. Long-term planning	Selçuk – Ortaklar	200		14
ASIA	TURKEY	4. Long-term planning	Ortaklar – Aydın	200		33
ASIA	TURKEY	4. Long-term planning	Aydın – Denizli	200		130
ASIA	TURKEY	4. Long-term planning	Bandırma – Bursa	200		74
ASIA	TURKEY	4. Long-term planning	Bursa – Gemlik	200		24
ASIA	TURKEY	4. Long-term planning	Diyarbakır – Elazığ	200		150
ASIA	TURKEY	4. Long-term planning	Erzincan – Trabzon	200		248
ASIA	TURKEY	4. Long-term planning	Kars – Iğdır(Dilucu)	200		224
ASIA	TURKEY	4. Long-term planning	Diyarbakır – Mardin	200		102
ASIA	TURKEY	4. Long-term planning	Erzincan – Muş	200		210

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Area	Country	Status	Section			Max.Speed (km/h)	Date	Distance (km)
ASIA	VIETNAM	4. Long-term planning	Hanoi	–	Hồ Chi Minh	350	2050.	1600
EUROPE	AUSTRIA	1. In operation	Linz	–	Wels	200	1990.	24
EUROPE	AUSTRIA	1. In operation	St. Pölten	–	Ybbs	200	2001.	44
EUROPE	AUSTRIA	1. In operation	Amstetten	–	St. Valentin	200	2003.	37
EUROPE	AUSTRIA	1. In operation	St. Valentin	–	Linz	230	2007.	25
EUROPE	AUSTRIA	1. In operation	Wien Knoten Hadersdorf	–	St. Pölten	250	2012.12.09	50
EUROPE	AUSTRIA	1. In operation	Wörgl	–	Volders-Baumkirchen	220	2012.12.09	36
EUROPE	AUSTRIA	1. In operation	Wels	–	Attnang-Puchheim	230	2012.12.09	30
EUROPE	AUSTRIA	1. In operation	Ybbs	–	Amstetten	250	2016.12.11	17
EUROPE	AUSTRIA	2. Under construction	Wien Stadlau	–	Staatsgrenze AUT/SK	200	2022.	38
EUROPE	AUSTRIA	2. Under construction	Wien Inzersdorf Ort	–	Wr. Neustadt	200	2023.	47
EUROPE	AUSTRIA	2. Under construction	Graz	–	Klagenfurt	250	2025.	122
EUROPE	AUSTRIA	2. Under construction	Gloggnitz	–	Mürzzuschlag	230	2026.	28
EUROPE	AUSTRIA	2. Under construction	Volders-Baumkirchen	–	Staatsgrenze AUT/IT	250	2027.	46
EUROPE	AUSTRIA	3. Planned	Linz	–	Wels	230	2026.	24
EUROPE	AUSTRIA	3. Planned	Gänsersdorf	–	Staatsgrenze AUT/CZ	200	2028.	47
EUROPE	BELGIUM	1. In operation	Brussels	–	French Border (L1)	300	1997.12.14	72
EUROPE	BELGIUM	1. In operation	Leuven	–	Liège (L2)	300	2002.12.15	65
EUROPE	BELGIUM	1. In operation	Liège	–	German Border (L3)	260	2009.06.14	36
EUROPE	BELGIUM	1. In operation	Antwerp	–	Dutch border (L4)	300	2009.12.13	36
EUROPE	CZECH REPUBLIC	4. Long-term planning	Lovosice	–	border D (to Dresden)	350	2040 before	40
EUROPE	CZECH REPUBLIC	4. Long-term planning	Praha	–	Brno	350	2040 before	205
EUROPE	CZECH REPUBLIC	4. Long-term planning	Prerov	–	Ostrava	350	2040 before	80
EUROPE	CZECH REPUBLIC	4. Long-term planning	Praha	–	Plzen	350	2050.	75
EUROPE	CZECH REPUBLIC	4. Long-term planning	Plzen	–	border D (to Nurnberg)	350	2050.	55
EUROPE	CZECH REPUBLIC	4. Long-term planning	Praha	–	border P (to Wroclaw)	350	2050.	150
EUROPE	CZECH REPUBLIC	4. Long-term planning	Ostrava	–	border P (to Katowice)	300	2050.	10
EUROPE	CZECH REPUBLIC	4. Long-term planning	Vranovice	–	Breclav (border A to Wien, border SK to Bratislava)	350		40
EUROPE	CZECH REPUBLIC	4. Long-term planning	Brno	–	Vranovice	350		30
EUROPE	CZECH REPUBLIC	4. Long-term planning	Praha	–	Lovosice	350		55
EUROPE	CZECH REPUBLIC	4. Long-term planning	Brno	–	Prov	200		70
EUROPE	DENMARK	2. Under construction	Copenhagen	–	Ringsted	250	2018.12	56
EUROPE	ESTONIA, LATVIA, LITHUANIA (Rail Baltica)	4. Long-term planning	Tallin	–	Riga - Kaunas	250		730
EUROPE	ESTONIA, LATVIA, LITHUANIA (Rail Baltica)	4. Long-term planning	Kaunas	–	Vilnius	250		140
EUROPE	FRANCE	1. In operation	LN1		LGV Paris Sud-Est	300	1981 / 1983	425
EUROPE	FRANCE	1. In operation	LN2		LGV Atlantique	300	1989 / 1990	292
EUROPE	FRANCE	1. In operation	Paris-bifurcation Courtaulin			300	1989.	-
EUROPE	FRANCE	1. In operation	LN4		LGV Rhône-Alpes (rail bypass of Lyon)	300	1992 / 1994	122
EUROPE	FRANCE	1. In operation	LN3		LGV Nord - Europe (included London and Bruxelles link)	300	1994 / 1996	346
EUROPE	FRANCE	1. In operation	LN3 bis		LGV Interconnexion Est IDF	270	1994 / 1996	105
EUROPE	FRANCE	1. In operation	LN5		LGV Méditerranée	300	2001.	259
EUROPE	FRANCE	1. In operation	LN6		LGV Est Europe (first phase)	320	2007.	335
EUROPE	FRANCE	1. In operation	(Figueres -) Frontière included TP Ferro Franchise			300	2010.	28
EUROPE	FRANCE	1. In operation	LN7		LGV Rhin-Rhône Branche Est (first phase)	320	2011.	146
EUROPE	FRANCE	1. In operation	LN6		LGV Est Europe (second phase)	320	2016.	122
EUROPE	FRANCE	1. In operation	LGV Bretagne Pays de la Loire (BPL, Le Mans - Rennes)			320	2017.07.02	214
EUROPE	FRANCE	1. In operation	Connerré-La Milesse			320	2017.	-
EUROPE	FRANCE	1. In operation	LGV Sud Europe Atlantique (SEA, Tours - Bordeaux)			320	2017.07.02	340
EUROPE	FRANCE	1. In operation	Contournement de Nîmes - Montpellier (CNM)			220	2018.07.08	80
EUROPE	FRANCE	4. Long-term planning	modernisation of HSL Paris-Lyon and Lyon bypass (ERTMS deployment)			300	2025.	483
EUROPE	FRANCE	5. Under study	LGV Bordeaux - Toulouse /DAX (GPSO)			320		327
EUROPE	FRANCE	5. Under study	Interconnexion Sud en Île-de-France			320		31
EUROPE	FRANCE	5. Under study	LGV Paris - Orléans - Clermont-Ferrand (POCL)			320		540
EUROPE	FRANCE	5. Under study	Ligne nouvelle Montpellier - Perpignan (LNMP)			320		155
EUROPE	FRANCE	5. Under study	Ligne Nouvelle Paris - Normandie (LNPN), zone Paris - Mantes (phase 1)			250		59
EUROPE	FRANCE	5. Under study	LGV Rhin-Rhône Branche Est (second phase)			320		50
EUROPE	FRANCE	5. Under study	Ligne nouvelle Rennes-Redon			300		80
EUROPE	GERMANY	1. In operation	Hannover	–	Würzburg	280	1991.	327
EUROPE	GERMANY	1. In operation	Mannheim	–	Stuttgart	280	1991.	99
EUROPE	GERMANY	1. In operation	(Hannover)	–	Oebisfelde	250	1998.	150
EUROPE	GERMANY	1. In operation	(Köln) -Siegburg	–	Frankfurt	300	2002.	144
EUROPE	GERMANY	1. In operation	Köln	–	Düren	250	2003.	39
EUROPE	GERMANY	1. In operation	Hamburg	–	Berlin	230	2004.	286
EUROPE	GERMANY	1. In operation	(Karlsruhe -) Rastatt Süd	–	Offenburg (- Basel)	250	2004.	44

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EUROPE	GERMANY	1. In operation	Nürnberg	–	Ingolstadt	300	2006.	89
EUROPE	GERMANY	1. In operation	München	–	Augsburg	230	2011.	62
EUROPE	GERMANY	1. In operation	(Karlsruhe) - Katzenberg Tunnel	–	(-Basel)	250	2012.	18
EUROPE	GERMANY	1. In operation	Erfurt	–	Leipzig/Halle	300	2015.12.09	123
EUROPE	GERMANY	1. In operation	Ebensfeld	–	Erfurt	300	2017.12.10	107
EUROPE	GERMANY	1. In operation	Nürnberg	–	Ebensfeld	230	2017.12.10	83
EUROPE	GERMANY	2. Under construction	Wendlingen	–	Ulm	250	2022.	60
EUROPE	GERMANY	2. Under construction	Stuttgart	–	Wendlingen	250	2024.	25
EUROPE	GERMANY	2. Under construction	Karlsruhe	–	Raststatt (-Basel)	250	2024.	17
EUROPE	GERMANY	2. Under construction	(Karlsruhe-) Buggingen	–	Katzenbergtunnel (- Basel)	250	2025.	32
EUROPE	GERMANY	2. Under construction	(Karlsruhe-) Katzenbergtunnel	–	Basel	250	2025.	13
EUROPE	GERMANY	3. Planned	(Karlsruhe) - Riegel	–	Buggingen - (Basel)	200	2031.	41
EUROPE	GERMANY	3. Planned	(Karlsruhe) - Offenburg	–	Riegel - (Basel)	250	2035.	40
EUROPE	GERMANY	4. Long-term planning	Frankfurt	–	Mannheim	300		84
EUROPE	GERMANY	4. Long-term planning	(Frankfurt -) Hanau	–	Fulda/Würzburg	230/300		126
EUROPE	ITALY	1. In operation	Rome	–	Florence (First section)	250	1977.	122
EUROPE	ITALY	1. In operation	Rome	–	Florence (Second section)	250	1985.	52
EUROPE	ITALY	1. In operation	Rome	–	Florence (Third section)	250	1986.	20
EUROPE	ITALY	1. In operation	Rome	–	Florence (Fourth section)	250	1992.	44
EUROPE	ITALY	1. In operation	Turin	–	Novara	300	2006.	86
EUROPE	ITALY	1. In operation	Milan	–	Bologna	300	2008.	182
EUROPE	ITALY	1. In operation	Naples	–	Salerno	250	2008.	29
EUROPE	ITALY	1. In operation	Rome	–	Naples	300	2009.	205
EUROPE	ITALY	1. In operation	Novara	–	Milan	300	2009.	38
EUROPE	ITALY	1. In operation	Florence	–	Bologna	300	2009.	78
EUROPE	ITALY	1. In operation	Milan (Treviglio)	–	Brescia	300	2016.	40
EUROPE	ITALY	2. Under construction	Genoa	–	Milan (Tortona)	250	2022.	53
EUROPE	ITALY	4. Long-term planning	Brescia	–	Verona	300	2020 after	73
EUROPE	ITALY	4. Long-term planning	Verona	–	Padova	250	2020 after	79
EUROPE	NORWAY	4. Long-term planning	Sandbukta	–	Fredrikstad	250		34
EUROPE	NORWAY	4. Long-term planning	Gardermoen	–	Hamar	250		74
EUROPE	NORWAY	4. Long-term planning	Drammen	–	Tønsberg	250		60
EUROPE	NORWAY	4. Long-term planning	Fredrikstad	–	Halden	250		39
EUROPE	NORWAY	4. Long-term planning	Hamar	–	Lillehammer	250		54
EUROPE	NORWAY	4. Long-term planning	Tønsberg	–	Skien	250		72
EUROPE	POLAND	1. In operation	Grodzisk Maz	–	Opczno	200	2015.	224
EUROPE	POLAND	3. Planned	Warszawa - Lodz	–	Kalisz/Ostrow	350	2030.	484
EUROPE	POLAND	4. Long-term planning	Wroclaw	–	BorderCzech Republic	350	2030 after	148
EUROPE	POLAND	4. Long-term planning	Poznan	–	border Germany	350	2030 after	171
EUROPE	POLAND	4. Long-term planning	Katowice	–	Border Czech Republic	300	2030 after	61
EUROPE	POLAND	4. Long-term planning	Naklo	–	Katowice/Krakow	300	2030 after	138
EUROPE	POLAND	4. Long-term planning	Elk	–	Border Lithuania	230	2030.	80
EUROPE	POLAND	4. Long-term planning	Warszawa	–	Gdansk			
EUROPE	POLAND	4. Long-term planning	Warszawa	–	Bielarus border			
EUROPE	PORTUGAL	4. Long-term planning	Lisboa	–	Caia (- Madrid)	350		206
EUROPE	PORTUGAL	4. Long-term planning	Lisboa	–	Porto	300		290
EUROPE	PORTUGAL	4. Long-term planning	Porto	–	Valença (- Vigo) first phase	250		55
EUROPE	PORTUGAL	4. Long-term planning	Porto	–	Valença (- Vigo) second phase	250		45
EUROPE	RUSSIA	3. Planned	Moscow	–	Kazan	350	2024.	770
EUROPE	RUSSIA	4. Long-term planning	Moscow	–	St. Petersburg	400	2021-2026	659
EUROPE	RUSSIA	4. Long-term planning	Moscow	–	Adler(Sochi)	400	2021-2028	1549
EUROPE	SPAIN	1. In operation	Madrid	–	Seville	270	1992.	471
EUROPE	SPAIN	1. In operation	Madrid	–	Lleida	300	2003.	448
EUROPE	SPAIN	1. In operation	Zaragoza	–	Huesca	200	2003.	79
EUROPE	SPAIN	1. In operation	(Madrid -) La Sagra	–	Toledo	220	2005.	21
EUROPE	SPAIN	1. In operation	Córdoba	–	Antequera	300	2006.	111
EUROPE	SPAIN	1. In operation	Lleida	–	Camp de Tarragona	300	2006.	82
EUROPE	SPAIN	1. In operation	Madrid	–	Segovia	300	2007.	178
EUROPE	SPAIN	1. In operation	Antequera	–	Málaga	300	2007.	58
EUROPE	SPAIN	1. In operation	Camp de Tarragona	–	Barcelona	300	2008.	100
EUROPE	SPAIN	1. In operation	La Coruña	–	Santiago	200	2009.	61
EUROPE	SPAIN	1. In operation	By pass Madrid : Line Madrid - Barcelona	–	Gavilanes	200	2009.	5
EUROPE	SPAIN	1. In operation	Madrid	–	Valencia / Albacete	300	2010.	398
EUROPE	SPAIN	1. In operation	Figueres	–	Frontera (- Perpignan)	300	2010.	20

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Area	Country	Status	Section			Max.Speed (km/h)	Date	Distance (km)	
EUROPE	SPAIN	1. In operation	Ourense	–	Santiago	300	2011.	85	
EUROPE	SPAIN	1. In operation	By pass de Yeles : Line Madrid / Valencia			200	2012.	6	
EUROPE	SPAIN	1. In operation	Barcelona	–	Figueres	290	2013.	131	
EUROPE	SPAIN	1. In operation	Albacete	–	Alicante	300	2013.	165	
EUROPE	SPAIN	1. In operation	Santiago	–	Vigo	200	2015.	95	
EUROPE	SPAIN	1. In operation	Utrera	–	Jerez	200	2015.	73	
EUROPE	SPAIN	1. In operation	Valladolid	–	León	200	2015.	166	
EUROPE	SPAIN	1. In operation	Olmedo	–	Zamora	200	2015.	99	
EUROPE	SPAIN	2. Under construction	Monforte del Cid	–	Murcia	300	2018.	62	
EUROPE	SPAIN	2. Under construction	Venta de Baños	–	Burgos	300	2018.	91	
EUROPE	SPAIN	2. Under construction	Bobadilla	–	Granada	250	2018.	109	
EUROPE	SPAIN	2. Under construction	Plasencia	–	Cáceres / Badajoz	300	2019.	193	
EUROPE	SPAIN	2. Under construction	Zamora	–	Orense	300	2019.	224	
EUROPE	SPAIN	2. Under construction	León	–	Asturias	Variante de Pajares	250	2019.	50
EUROPE	SPAIN	2. Under construction	Vitoria	–	Bilbao-San Sebastián	"Basque Y"	250	2022.	175
EUROPE	SPAIN	3. Planned	Burgos	–	Vitoria	300		110	
EUROPE	SPAIN	3. Planned	Madrid	–	Navalmoral / Plasencia	300		276	
EUROPE	SPAIN	3. Planned	Almería	–	Murcia	300		190	
EUROPE	SPAIN	3. Planned	Palencia	–	Santander	300		201	
EUROPE	SPAIN	3. Planned	Castejón	–	Pamplona	300		75	
EUROPE	SPAIN	3. Planned	Zaragoza	–	Castejón	250		149	
EUROPE	SPAIN	3. Planned	Orense	–	Vigo (vía Cerdedo)	250		60	
EUROPE	SWEDEN	2. Under construction	Arlöv	–	Lund	200	2024.	11	
EUROPE	SWEDEN	4. Long-term planning	Järna	–	Linköping	320	2033-2035	150	
EUROPE	SWEDEN	4. Long-term planning	Lund	–	Hässleholm	320	2032-2035	70	
EUROPE	SWEDEN	4. Long-term planning	Göteborg	–	Borås	320		60	
EUROPE	SWEDEN	4. Long-term planning	Borås	–	Linköping			190	
EUROPE	SWEDEN	4. Long-term planning	Stockholm	–	Jarna			50	
EUROPE	SWEDEN	4. Long-term planning	Jonkoping	–	Hässleholm			219	
EUROPE	SWITZERLAND	1. In operation	Mattstetten	–	Rothrist	200	2004.	52	
EUROPE	SWITZERLAND	1. In operation	Frutigen	–	Visp (Lötschberg base tunnel)	250	2007.	35	
EUROPE	SWITZERLAND	1. In operation	Erstfeld	–	Biasca (Gotthard base tunnel)	250	2016.	57	
EUROPE	SWITZERLAND	2. Under construction	Giubiasco	–	Lugano (Ceneri base tunnel)	250	2019.	15	
EUROPE	THE NETHERLANDS	1. In operation	Schiphol	–	Rotterdam West	300	2006.	44.3	
EUROPE	THE NETHERLANDS	1. In operation	Rotterdam Lombardijen	–	Belgian Border (turnout at Breda)	300	2006.	45.4	
EUROPE	UNITED KINGDOM	1. In operation	Fawkham Junction	–	Tunnel	300	2003.	74	
EUROPE	UNITED KINGDOM	1. In operation	London	–	Southfleet Junction	230	2007.	39.4	
EUROPE	UNITED KINGDOM	2. Under construction	London	–	Birmingham (HS2, Phase 1)	360	2026.	230	
EUROPE	UNITED KINGDOM	3. Planned	Birmingham	–	Crewe (HS2, Phase 2a)	360	2027.	60	
EUROPE	UNITED KINGDOM	3. Planned	Birmingham	–	Manchester/Leeds (HS2, Phase 2b)	360	2033.	260	
OTHER	AUSTRALIA	4. Long-term planning	Sydney	–	Canberra	350	2035.	283	
OTHER	AUSTRALIA	4. Long-term planning	Melbourne	–	Gunning(-Sydney)	350	2040.	611	
OTHER	AUSTRALIA	4. Long-term planning	Sydney	–	Newcastle	350	2045.	134	
OTHER	AUSTRALIA	4. Long-term planning	Brisbane	–	Gold Coast	350	2051.	115	
OTHER	AUSTRALIA	4. Long-term planning	Newcastle	–	Bronelton(-Gold Coast)	350	2058.	606	
OTHER	BRAZIL	4. Long-term planning	Rio de Janeiro	–	Sao Paulo	300		511	
OTHER	CANADA	3. Planned	Toronto	–	London	250	2025.		
OTHER	CANADA	3. Planned	London	–	Windsor	250	2031.		
OTHER	CANADA	4. Long-term planning	Calgary	–	Edmonton			290	
OTHER	EGYPT	4. Long-term planning	Cairo	–	Alexandria			210	
OTHER	EGYPT	4. Long-term planning	Cairo	–	Luxor			700	
OTHER	EGYPT	4. Long-term planning	Hurghada	–	Luxor			300	
OTHER	MEXICO	4. Long-term planning	Mexico DF	–	Querétaro	300		210	
OTHER	MOROCCO	1. In operation	Tanger	–	Kenitra	320	2018.11.15	200	
OTHER	MOROCCO	4. Long-term planning	Marrakech	–	Agadir	320		250	
OTHER	MOROCCO	3. Planned	Kenitra	–	Rabat	320		49	
OTHER	MOROCCO	4. Long-term planning	Rabat	–	Fes	320		204	
OTHER	MOROCCO	3. Planned	Rabat	–	Casablanca	320		90	
OTHER	MOROCCO	4. Long-term planning	Casablanca	–	Marrakech	320		198	
OTHER	MOROCCO	4. Long-term planning	Fes	–	oujda	320		323	
OTHER	SOUTH AFRICA	4. Long-term planning	Johannesburg	–	Durban	300		610	
OTHER	SOUTH AFRICA	4. Long-term planning	Johannesburg	–	Cape Town	300		1300	
OTHER	SOUTH AFRICA	4. Long-term planning	Johannesburg	–	Messina	300		480	
OTHER	USA	1. In operation	Boston	–	Washington (Northeast Corridor, NEC)	240	2000.	735	

HIGH SPEED LINES IN THE WORLD (Details)

Updated 22nd January 2019

Definitions

In operation: It is now operating on High Speed.
 Under construction: It is now constructing of High Speed lines.
 Planned: It is approved but not start constructing.
 Long-term planning: It is not approved. Just planned.
 Under study: It is not planned. Just under study.

Lines or sections of lines in which operation $V \geq 250$ km/h1

1:There are some exceptions.

Area	Country	Status	Section			Max.Speed (km/h)	Date	Distance (km)
OTHER	USA	2. Under construction	Fresno	—	Bakersfield	350	2025.	192
OTHER	USA	3. Planned	Houston	—	Dallas	330	2023.	385
OTHER	USA	3. Planned	San Jose	—	Merced	350	2025.	135
OTHER	USA	3. Planned	Merced	—	Fresno	350	2025.	104
OTHER	USA	3. Planned	San Francisco	—	San Jose	200	2029.	82
OTHER	USA	3. Planned	Bakersfield	—	Palmdale	350	2029.	129
OTHER	USA	3. Planned	Palmdale	—	Burbank	350	2029.	72
OTHER	USA	3. Planned	Burbank	—	Los Angeles		2029.	20
OTHER	USA	3. Planned	Los Angeles	—	Anaheim	140	2029.	48
OTHER	USA	3. Planned	NEC Future (Boston – New York – Washington DC)			350	2040.	735
OTHER	USA	4. Long-term planning	Merced	—	Sacramento		2035 after	180
OTHER	USA	4. Long-term planning	Los Angeles	—	San Diego		2035 after	269