



Performance indicators of public rail network in Latvia 2020

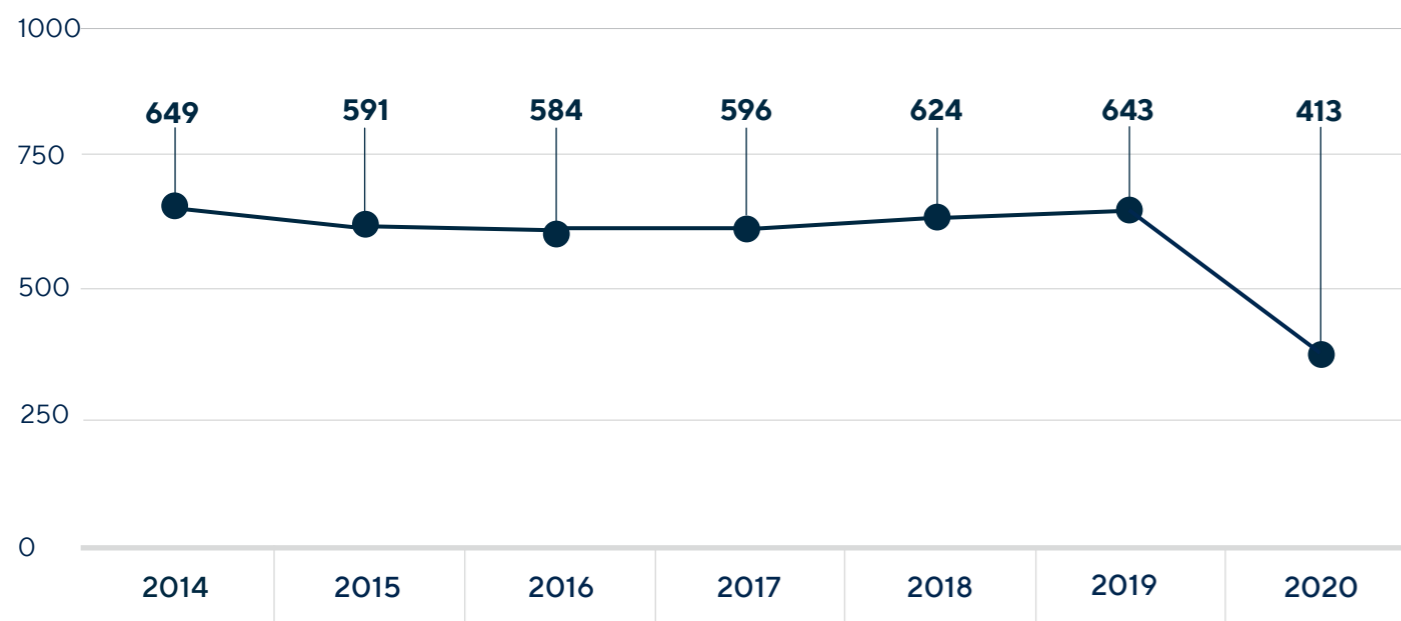
1. Indicators of SJSC "Latvijas dzelzceļš" rail infrastructure network
 - 1.1. Passenger transportation
 - 1.2. Freight transportation
 - 1.3. Freight transportation by type of freight
 - 1.4. Main indicators of train traffic
 - 1.5. Technical indicators of railway network
 - 1.5.1. Railway tracks
 - 1.5.2. Signalling, remote control, telecommunication, power supply and data processing facilities
 - 1.5.3. Railway stations
 - 1.6. SJSC "Latvijas dzelzceļš" infrastructure
2. Indicators of "Latvijas dzelzceļš" Concern
 - 2.1. Locomotive fleet
 - 2.2. The total number of wagons
3. Comparative traffic data of the main transport modes in Latvia
 - 3.1. Passenger and freight carried
 - 3.2. Passenger and freight turnover

1. Indicators of SJSC "Latvijas dzelzceļš" rail infrastructure network

1.1. Passenger transportation

	2014	2015	2016	2017	2018	2019	2020
1. Total passenger turnover, million passenger - km	649	591	584	596	624	643	413
1.1. including: domestic traffic	578	545	546	555	584	604	409
2. Passengers carried, thousand	19 222	17 070	17 228	17 494	18 242	18 623	12 862
2.1. including: domestic traffic	18 938	16 885	17 071	17 327	18 075	18 442	12 836
3. Passenger average traffic distance, km							
3.1. Electric trains	25	26	26	25	26	26	25
3.2. Diesel trains	93	97	94	95	97	96	96

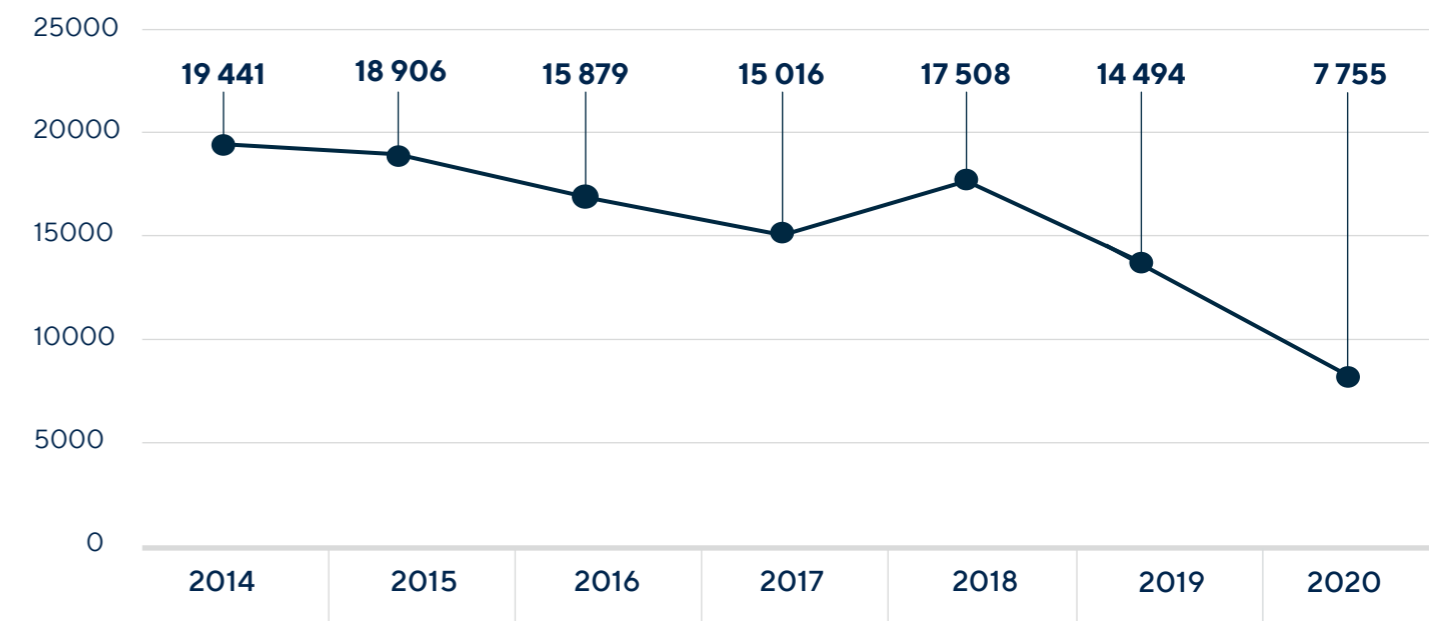
Total passenger turnover, million passenger - km



1.2. Freight transportation

	2014	2015	2016	2017	2018	2019	2020
1. Freight turnover, million tkm neto	19 441	18 906	15 879	15 016	17 508	14 494	7 755
2. Freight volume, thousand tonnes, including:	57 039	55 645	47 819	43 785	49 260	41 490	24 113
2.1. domestic	1 257	1 672	1 482	1 649	1 364	1 708	2 066
2.2. export	4 521	2 849	2 384	1 839	2 381	2 287	2 024
2.2.1. including: from stations at ports	1 698	1 334	1 395	1 488	2 065	2 006	1 700
2.3. import	49 408	48 276	42 036	36 617	40 470	32 949	16 305
2.3.1. including: to port stations	45 343	44 105	38 085	33 549	37 348	29 624	13 610
2.4. overland transit	1 853	2 848	1 917	3 680	5 045	4 546	3 718

Freight turnover, million tkm neto



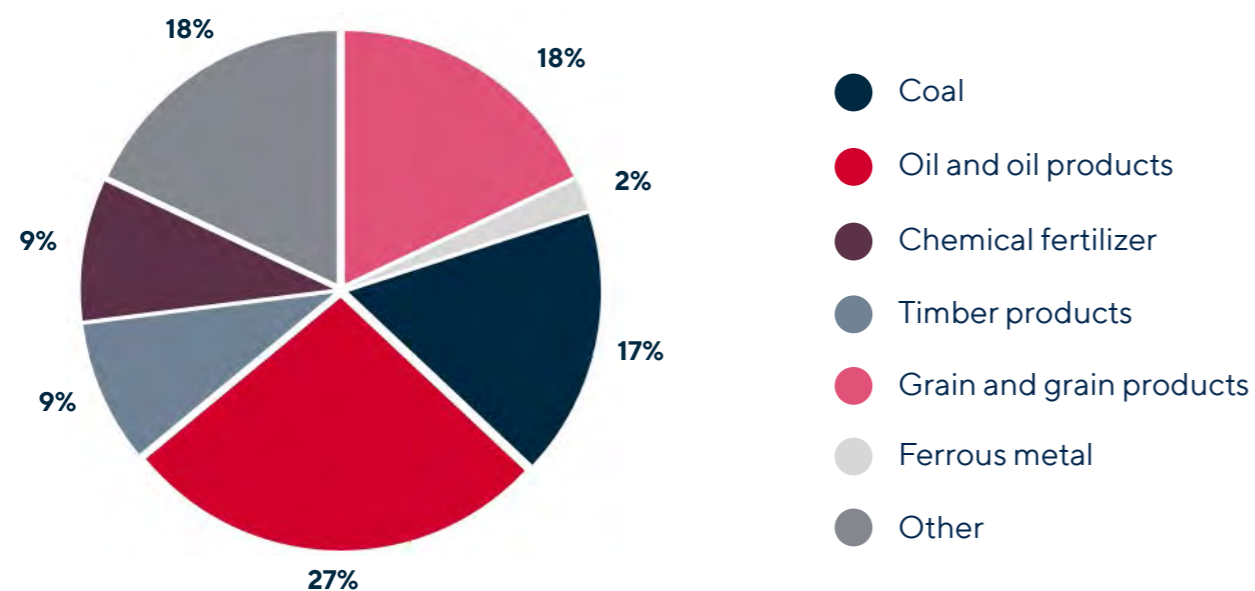
1.3. Freight transportation by type of freight

	2014	2015	2016	2017	2018	2019	2020
1. Freight volume, thousand tonnes, including:	57 039	55 645	47 819	43 785	49 260	41 490	24 113
1.1. coal	20 134	19 095	15 911	17 689	22 669	17 473	4 041
1.2. oil and oil products**	21 293	21 764	16 624	13 014	11 183	9 398	6 409
1.3. chemical fertilizers	4 738	3 777	3 876	3 288	2 980	2 766	2 283
1.4. timber products	982	1 498	1 572	1 085	1 635	1 979	2 062
1.5. grain, processed grain products, seeds and fruits*	1 447	1 819	1 697	1 757	2 878	1 818	4 359
1.6. ferrous metals**	1 650	1 256	1 797	1 836	1 520	1 186	572
1.7. other	6 795	6 436	6 342	5 116	6 395	6 870	4 387

* category "grain and flour products" until 2019

** in 2020, the category system was changed, some of the above-mentioned cargos were carried in containers, added to category "others"

Rate of freight transportation in 2020



1.4. Main indicators of train traffic

	2014	2015	2016	2017	2018	2019	2020
1. Total train-kilometrs, thousand, including:	19 030	18 577	16 516	15 665	16 759	15 320	11 501
1.1. Train-kilometres in passenger traffic of which by type of traction:	6 163	6 125	6 059	6 075	6 116	6 135	5 969
1.1.1. diesel	1 960	1 999	2 077	2 079	2 088	2 130	2 223
1.1.2. electric	3 591	3 591	3 605	3 619	3 651	3 658	3 629
1.2. Train-kilometres in freight traffic	11 835	11 528	9 677	8 844	9 989	8 571	4 994
1.3. Technological	1 032	924	780	746	654	614	538
2. Gross ton-kilometres in passenger traffic, million	1 819	1 732	1 719	1 745	1 763	1 780	1 623
3. Gross ton-kilometres in freight traffic, million	34 389	35 004	28 632	26 960	30 081	25 589	13 935

1.5. Technical indicators of railway network

1.5.1. Railway tracks

	2014	2015	2016	2017	2018	2019	2020
1. Operational length of all lines, km	1 860	1 860	1 860	1 860	1 860	1 860	1 859
1.1. Operational length of broad-gauge lines, km including:	1 827	1 827	1 827	1 827	1 827	1 827	1 826
1.1.1. double - track and more	363	367	367	367	367	367	367
1.2. Operational length of narrow-gauge lines, km	33	33	33	33	33	33	33
2. Overall length of lines, km	3 153	3 171	3 170	3 167	3 162	3 161	3 158
3. Overall length of main line tracks (total), km	2 214	2 217	2 217	2 217	2 217	2 217	2 216
3.1. Overall length of station tracks and special tracks, km	803	819	819	817	817	817	818
4. Length of welded-rail tracks, km	2 004	2 012	2 029	2 049	2 062	2 062	2 061
5. Length of main lines with concrete sleepers, km	1 926	2 097	2 110	2 132	2 147	2 148	2 148
6. Length of main lines with hardened rails, km	1 582	1 616	1 654	1 678	1 487	1 492	1 503
7. Length of spur tracks, km	137	135	134	134	128	127	124

1.5.2. Signalling, remote control, telecommunication, power supply and data processing facilities (1)

	2014	2015	2016	2017	2018	2019	2020
1. Total number of switches including:	3 180	3 218	3 208	3 198	3 192	3 190	3 182
1.1. number of electrically interlocked switches	2 570	2 616	2 611	2 607	2 602	2 602	2 604
2. Number of stations equipped with electrical interlocking	159	162	162	162	162	162	162
3. Length of sections equipped with automatic block system (including dispatcher centralization), km	1 323	1 348	1 348	1 348	1 348	1 348	1 348
4. Length of sections equipped with radio communication, km	1 743	1 746	1 746	1 746	1 746	1 746	1 728
5. Length of mainline communications cables, km	3 365	3 051	2 420	2 298	2 362	2 756	3 134
6. Length of optical communications cable, km	2 426	2 710	2 953	2 960	3 015	3 122	3 134
7. Total capacity of automatic telephone stations, number of customer numbers	14 760	14 472	11 536	8 898	8 706	8 338	5 345
8. Hot box detection devices (PONAB, DISK), units/stations	58/58	58/58	58/58	58/58	58/58	58/58	58/58
9. Number of mobile electric power stations	14	14	14	14	14	14	14

1.5.2. Signalling, remote control, telecommunication, power supply and data processing facilities (2)

	2014	2015	2016	2017	2018	2019	2020
10. Number of static diesel power stations	215	243	243	243	256	221	219
11. Overall length of catenary, km	629	637	637	637	637	637	637
12. Operational length of electrified lines, km	251	251	251	251	251	251	251
13. Number of transformer substations	623	571	580	580	575	566	589
14. Electric power consumption for operations, million KWh/year	44	45	49	45	43	37,8	31,6
15. Total number of servers, including:	105	154	181	211	224	172	156
15.1. mainframe	2	2	2	2	2	2	2
15.2. medium and small servers	103	152	179	209	222	170	154

1.5.3. Railway stations*

	2014	2015	2016	2017	2018	2019**	2020
1. Number of stations (stop points) with passing tracks, total, including:	153	152	137	137	138	141	141
1.1. passenger	1	1	1	1	1	1	1
1.2. marshalling	2	2	2	2	2	2	2
1.3. freight	34	34	10	10	10	17	17
1.4. section	4	4	4	4	5	4	4
1.5. line	112	111	120	120	120	117	117
2. Number of shunting loops (including block-signal posts and track posts)			22	22	22	22	21
3. Number of stations with freight operations	76	77	78	78	76	76	76
4. Major railway junctions	6	6	6	6	6	6	6

* since 2016 stations accounting by service was changed

** technical adjustments were made in accordance with information provided in the Network Statement of the Public Use Railway Infrastructure of SJSC "Latvijas dzelzceļš"

1.6. SJSC "Latvijas dzelzceļš" infrastructure



- Electrification of the main railway network (passenger lines)
- DMU passenger lines
- Other railway lines
- - - - - Narrow-gauge tracks

2. Indicators of "Latvijas dzelzceļš" Concern

2.1. Locomotive fleet

	2014	2015	2016	2017	2018	2019	2020
1. Number of diesel locomotives (units), including:	206	204	200	194	175	175	155
1.1. 2TE10, 2TE116	30	34	34	34	34	34	34
1.2. M62, 2M62U, 2M62UC, 2M62UP, 2M62UM	99	92	87	81	62	62	53
1.3. ČME3, ČME3M, ČME3ME, ČME3MB, TEM2, TEM2U, TGM23V	67	69	70	70	70	70	61
1.4. TEP-70	10	9	9	9	9	9	7
2. Number of diesel multiple unit	2	2	2	2	2	2	2
3. Run of diesel locomotives and diesel multiple unites, thousand km	11 351	9 814	8 786	7 435	8 400	7 629	5 037
4. Freight train average weight gross, tonnes	3 060	3 054	3 045	3 044	3 112	3 192	3 092

2.2. The total number of wagons with rights to use common rails of "Latvijas dzelzceļš" and other railway administrations as of December 31

	2014	2015	2016	2017	2018	2019	2020
1. Total number of freight wagons, including:	7 011	6 522	5 696	5 692	5 607	5 152	4 272
1.1. boxcars	1986	1942	1423	1423	1348	1070	893
1.2. flat wagons	39	39	39	39	29	27	27
1.3. open wagons	1115	766	514	514	514	436	262
1.4. tank cars	1216	1120	1064	1064	1064	967	520
1.5. isothermal wagons	27	27	27	27	27	27	16
1.6. other	2 628	2 628	2 629	2 625	2 625	2 625	2 554

3. Comparative traffic data of the main transport modes in Latvia (data of Latvian Central Statistical Bureau) (1)

3.1. Passengers carried, million

3.2. Passenger turnover, million passenger-km

	2014	2015	2016	2017	2018	2019	2020
1. Passengers carried, million							
1.1. rail	19,2	17,1	17,2	17,5	18,2	18,6	12,9
1.2. road (regular bus traffic)	146,1	144,4	142,9	140,2	140,6	140,0	86,8
1.3. air	3,0	3,2	3,5	4	4,4	5,2	1,4
1.4. urban electrical transport	-	87,9	84,6	85,1	83,6	80,6	52,4
2. Passenger turnover, million passenger-km							
2.1. rail	649	591	584	596	624	643	413
2.2. road (regular bus traffic)	2 345	2 232	2 187	2 146	2 156	2 191	1 378
2.3. air	3 318	4 110	4 622	5 265	5 534	5 991	1 591

3. Comparative traffic data of the main transport modes in Latvia (data of Latvian Central Statistical Bureau) (2)

3.1. Freight volume, thousand tonnes

3.2. Freight turnover, million tkm neto

	2014	2015	2016	2017	2018	2019	2020
1. Freight volume, thousand tonnes							
1.1. Rail transport	57 039	55 645	47 819	43 785	49 260	41 490	24 113
1.2. Road transport	62 239	62 569	63 389	68 012	76 703	73 755	75 705
1.3. Pipeline transport	5 694	4 718	3 617	3 387	2 664	2 716	1 523
1.4. Air transport	15	13	12	14	14	16	11
2. Freight turnover, million tkm neto							
2.1. Rail transport	19 441	18 906	15 879	15 016	17 508	14 494	7 755
2.2. Road transport	13 670	14 690	14 227	14 972	14 997	14 965	13 705
2.3. Pipeline transport	2 376	1 965	1 507	1 411	1 109	1 129	516*
2.4. Air transport	13	9	11	13	15	18	11

* Transportation only in Latvia's territory

SJSC "Latvijas dzelzceļš"
 Gogoļa Str. 3, Rīga, LV-1547, Latvia
 E-mail: info@ldz.lv
 Phone: 8002 1181, +371 6723 1181 (calling from abroad)

