



Performance indicators of public rail network in Latvia 2021

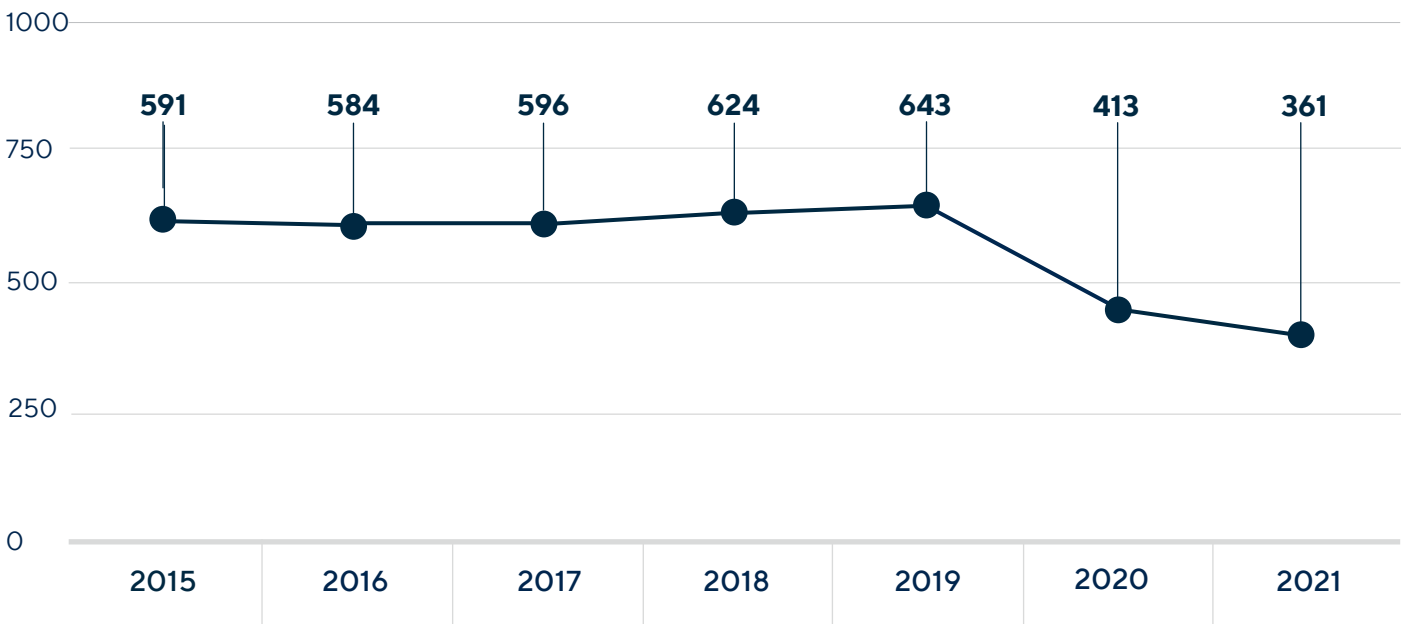
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1. Indicators of SJSC “Latvijas dzelzceļš” rail infrastructure network

1.1. Passenger transportation

	2015	2016	2017	2018	2019	2020	2021
1. Total passenger turnover, million passenger – km	591	584	596	624	643	413	361
1.1. including: domestic traffic	545	546	555	584	604	409	361
2. Passengers carried, thousand	17 070	17 228	17 494	18 242	18 623	12 862	11 194
2.1. including: domestic traffic	16 885	17 071	17 327	18 075	18 442	12 836	11 189
3. Passenger average traffic distance, km							
3.1. Electric trains	26	26	25	26	26	25	24
3.2. Diesel trains	97	94	95	97	96	96	103

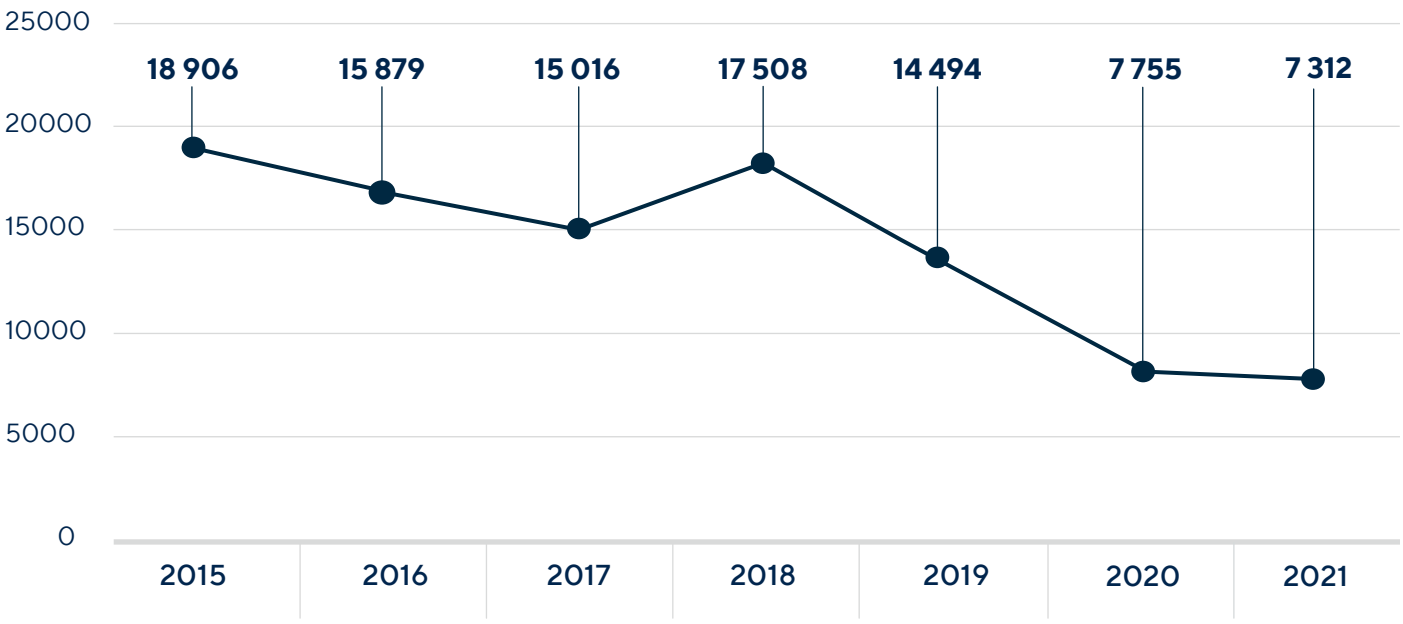
Total passenger turnover, million passenger – km



1.2. Freight transportation

	2015	2016	2017	2018	2019	2020	2021
1. Freight turnover, million tkm neto	18 906	15 879	15 016	17 508	14 494	7 755	7 312
2. Freight volume, thousand tonnes, including:	55 645	47 819	43 785	49 260	41 490	24 113	21 963
2.1. domestic	1 672	1 482	1 649	1 364	1 708	2 066	1 970
2.2. export	2 849	2 384	1 839	2 381	2 287	2 024	2 123
2.2.1. including: from stations at ports	1 334	1 395	1 488	2 065	2 006	1 700	1 787
2.3. import	48 276	42 036	36 617	40 470	32 949	16 305	13 473
2.3.1. including: to port stations	44 105	38 085	33 549	37 348	29 624	13 610	10 900
2.4. overland transit	2 848	1 917	3 680	5 045	4 546	3 718	4 397

Freight turnover, million tkm neto

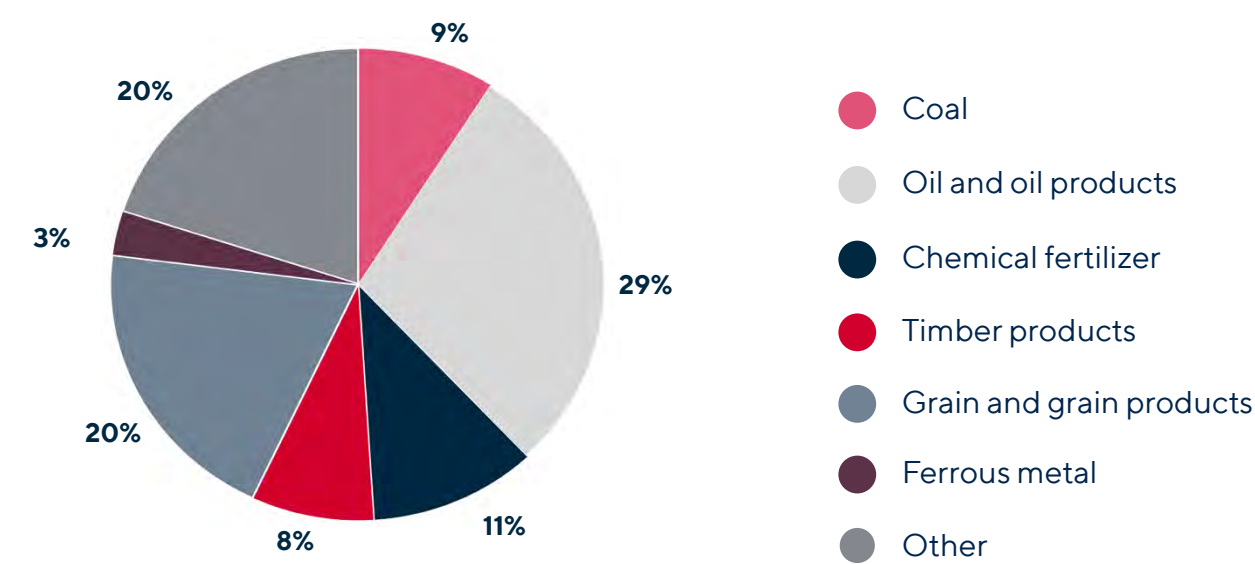


1.3. Freight transportation by type of freight

	2015	2016	2017	2018	2019	2020	2021
1. Freight volume, thousand tonnes, including:	19 095	15 911	17 689	22 669	17 473	4 041	2 045
1.1. coal	21 764	16 624	13 014	11 183	9 398	6 409	6 298
1.2. oil and oil products**	3 777	3 876	3 288	2 980	2 766	2 283	2 480
1.3. chemical fertilizers	1 498	1 572	1 085	1 635	1 979	2 062	1 770
1.4. timber products	1 819	1 697	1 757	2 878	1 818	4 359	4 463
1.5. grain, processed grain products, seeds and fruits*	1 256	1 797	1 836	1 520	1 186	572	521
1.6. ferrous metals**	6 436	6 342	5 116	6 395	6 870	4 387	4 386
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 2021



1.4. Main indicators of train traffic

	2015	2016	2017	2018	2019	2020	2021
1. Total train-kilometrs, thousand, including:	18 577	16 516	15 665	16 759	15 320	11 501	11 131
1.1. Train-kilometres in passenger traffic of which by type of traction:	6 125	6 059	6 075	6 116	6 135	5 969	6 037
1.1.1. diesel	1 999	2 077	2 079	2 088	2 130	2 223	2 296
1.1.2. electric	3 591	3 605	3 619	3 651	3 658	3 629	3 683
1.2. Train-kilometres in freight traffic	11 528	9 677	8 844	9 989	8 571	4 994	4 638
1.3. Technological	924	780	746	654	614	538	456
2. Gross ton-kilometres in passenger traffic, million	1 732	1 719	1 745	1 763	1 780	1 623	1 635
3. Gross ton-kilometres in freight traffic, million	35 004	28 632	26 960	30 081	25 589	13 935	12 924

1.5. Technical indicators of railway network

1.5.1. Railway tracks

	2015	2016	2017	2018	2019	2020	2021
1. Operational length of all lines, km	1 860	1 860	1 860	1 860	1 860	1 859	1 859
1.1. Operational length of broad-gauge lines, km including:	1 827	1 827	1 827	1 827	1 827	1 826	1 826
1.1.1. double - track and more	367	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	3 171	3 170	3 167	3 162	3 161	3 158	3 147
3. Overall length of main line tracks (total), km	2 217	2 217	2 217	2 217	2 217	2 216	2 213
3.1. Overall length of station tracks and special tracks, km	819	819	817	817	817	818	818
4. Length of welded-rail tracks, km	2 012	2 029	2 049	2 062	2 062	2 061	2 054
5. Length of main lines with concrete sleepers, km	2 097	2 110	2 132	2 147	2 148	2 148	2 144
6. Length of main lines with hardened rails, km	1 616	1 654	1 678	1 487	1 492	1 503	1 502
7. Length of spur tracks, km	135	134	134	128	127	124	116

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

	2015	2016	2017	2018	2019	2020	2021
1. Total number of switches including:	3 218	3 208	3 198	3 192	3 190	3 182	3 150
1.1. number of electrically interlocked switches	2 616	2 611	2 607	2 602	2 602	2 604	2 582
2. Number of stations equipped with electrical interlocking	162	162	162	162	162	162	162
3. Length of sections equipped with automatic block system (including dispatcher centralization), km	1 348	1 348	1 348	1 348	1 348	1 348	1 348
4. Length of sections equipped with radio communication, km	1 746	1 746	1 746	1 746	1 746	1 728	1 728
5. Length of mainline communications cables, km	3 051	2 420	2 298	2 362	2 756	3 134	3 134
6. Length of optical communications cable, km	2 710	2 953	2 960	3 015	3 122	3 134	3 296
7. Total capacity of automatic telephone stations, number of customer numbers	14 472	11 536	8 898	8 706	8 338	5 345	1 929
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	39*

* the inventory of mobile electric power plants has changed since 2021 (all plants that are on the balance sheet are included)

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

	2015	2016	2017	2018	2019	2020	2021
10. Number of static diesel power stations	243	243	243	256	221	219	219
11. Overall length of catenary, km	637	637	637	637	637	637	631
12. Operational length of electrified lines, km	251	251	251	251	251	251	251
13. Number of transformer substations	571	580	580	575	566	650	647
14. Electric power consumption for operations, million KWh/year	45	49	45	43	37,8	31,6	34,1
15. Total number of servers, including:	154	181	211	224	172	156	109
15.1. mainframe	2	2	2	2	2	2	2
15.2. medium and small servers	152	179	209	222	170	154	107

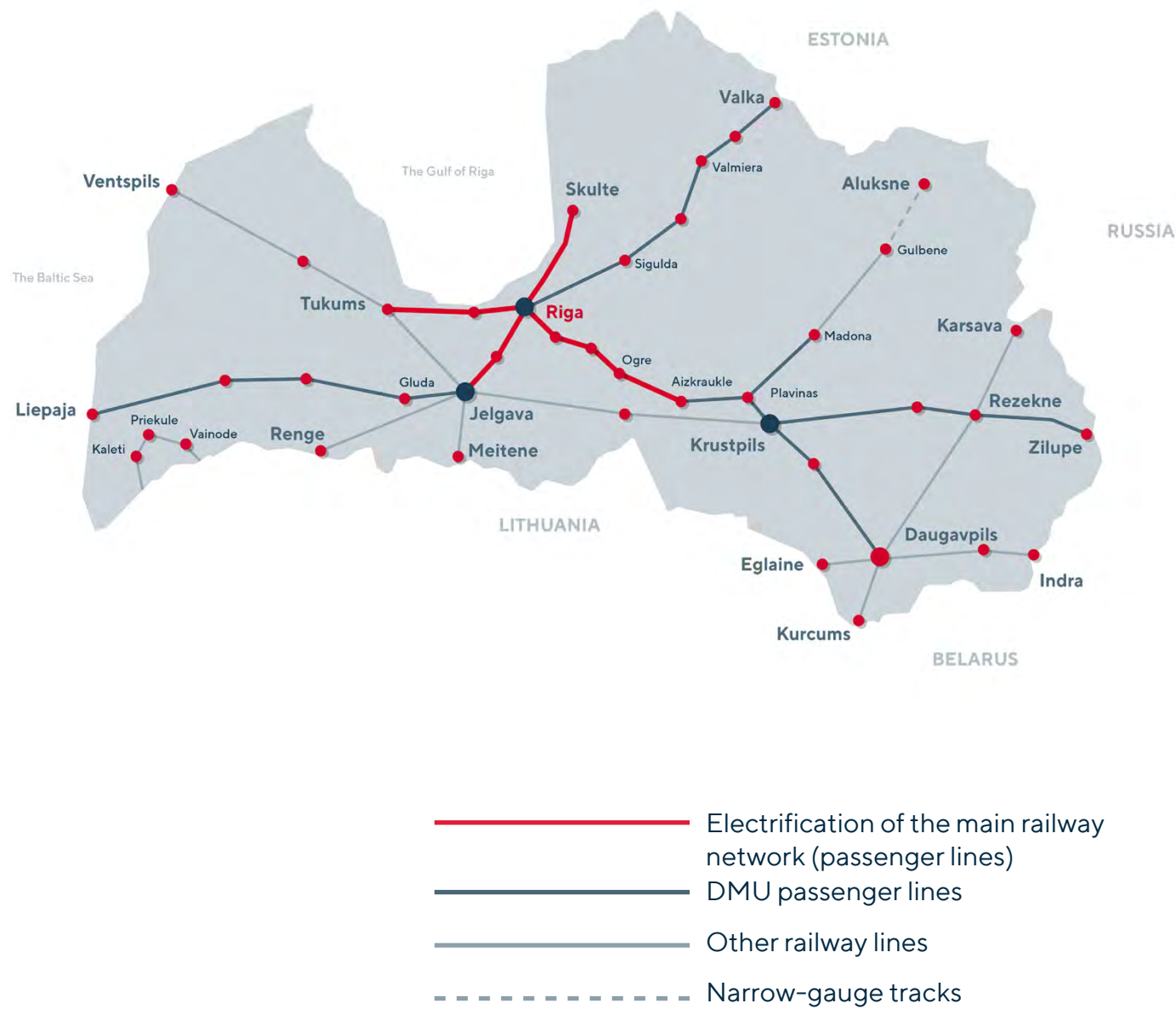
1.5.3. Railway stations*

	2015	2016	2017	2018	2019**	2020	2021
1. Number of stations (stop points) with passing tracks, total, including:	152	137	137	138	141	141	140
1.1. passenger	1	1	1	1	1	1	1
1.2. marshalling	2	2	2	2	2	2	2
1.3. freight	34	10	10	10	17	17	16
1.4. section	4	4	4	5	4	4	4
1.5. line	111	120	120	120	117	117	117
2. Number of shunting loops (including block-signal posts and track posts)		22	22	22	22	21	21
3. Number of stations with freight operations	77	78	78	76	76	76	74
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



2. Indicators of “Latvijas dzelzceļš” Concern

2.1. Locomotive fleet

	2015	2016	2017	2018	2019	2020	2021
1. Number of diesel locomotives (units), including:	204	200	194	175	175	155	131
1.1. 2TE10, 2TE116	34	34	34	34	34	34	34
1.2. M62, 2M62U, 2M62UC, 2M62UP, 2M62UM	92	87	81	62	62	53	37
1.3. ČME3, ČME3M, ČME3ME, ČME3MB, TEM2, TEM2U, TGM23V	69	70	70	70	70	61	55
1.4. TEP-70	9	9	9	9	9	7	5
2. Number of diesel multiple unit	2	2	2	2	2	2	2
3. Run of diesel locomotives and diesel multiple unites, thousand km	9 814	8 786	7 435	8 400	7 629	5 037	4 255
4. Freight train average weight gross, tonnes	3 054	3 045	3 044	3 112	3 192	3 092	3 143

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

	2015	2016	2017	2018	2019	2020	2021
1. Total number of freight wagons, including:	6 522	5 696	5 692	5 607	5 152	4 272	4 272
1.1. boxcars	1 942	1 423	1 423	1 348	1 070	893	893
1.2. flat wagons	39	39	39	29	27	27	27
1.3. open wagons	766	514	514	514	436	262	262
1.4. tank cars	1 120	1 064	1 064	1 064	967	520	520
1.5. isothermal wagons	27	27	27	27	27	16	16
1.6. other	2 628	2 629	2 625	2 625	2 625	2 554	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

	2015	2016	2017	2018	2019	2020	2021
1. Passengers carried, million							
1.1. rail	17,1	17,2	17,5	18,2	18,6	12,9	11,2
1.2. road (regular bus traffic)	144,4	142,9	140,2	140,6	140,0	86,8	72,7
1.3. air	3,2	3,5	4	4,4	5,2	1,4	1,9
1.4. urban electrical transport	87,9	84,6	85,1	83,6	80,6	52,4	42,9
2. Passenger turnover, million passenger-km							
2.1. rail	591	584	596	624	643	413	361
2.2. road (regular bus traffic)	2 232	2 187	2 146	2 156	2 191	1 378	1 128
2.3. air	4 110	4 622	5 265	5 534	5 991	1 591	2 725

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

	2015	2016	2017	2018	2019	2020	2021
1. Freight volume, thousand tonnes							
1.1. Rail transport	55 645	47 819	43 785	49 260	41 490	24 113	21 963
1.2. Road transport	62 569	63 389	68 012	76 703	73 755	75 705	81 602
1.3. Pipeline transport	4 718	3 617	3 387	2 664	2 716	1 523	595
1.4. Air transport	13	12	14	14	16	11	11
2. Freight turnover, million tkm neto							
2.1. Rail transport	18 906	15 879	15 016	17 508	14 494	7 755	7 312
2.2. Road transport	14 690	14 227	14 972	14 997	14 965	13 705	15 103
2.3. Pipeline transport	1 965	1 507	1 411	1 109	1 129	516*	202
2.4. Air transport	9	11	13	15	18	11	11

* transportation only in Latvia's territory

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