

An aerial photograph of a large rail yard filled with numerous freight cars, each carrying a large cylindrical tank. The image is overlaid with a semi-transparent blue filter. The year "2018" is printed in large white font over the lower part of the image.

2018

PERFORMANCE
INDICATORS OF PUBLIC
RAIL NETWORK IN LATVIA

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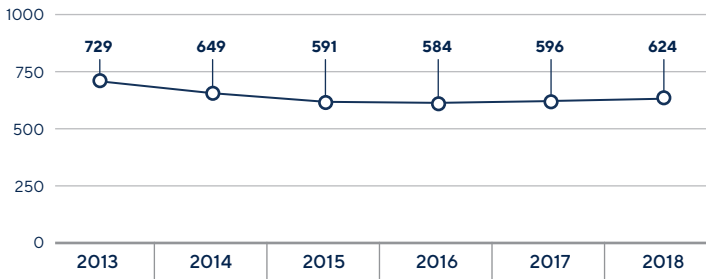
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1. Indicators of SJSC „Latvijas dzelzceļš” rail infrastructure network

1.1. Passenger transportation

	2013	2014	2015	2016	2017	2018
1. Total passenger turnover, million passenger-km	729	649	591	584	596	624
1.1. <i>including:</i> domestic traffic	640	578	545	546	555	584
2. Passengers carried, thousand	19 779	19 222	17 070	17 228	17 494	18 242
2.1. <i>including:</i> domestic traffic	19 419	18 938	16 885	17 071	17 327	18 075
3. Passenger average traffic distance, km						
3.1. Electric trains	26	25	26	26	25	26
3.2. Diesel trains	101	93	97	94	95	97

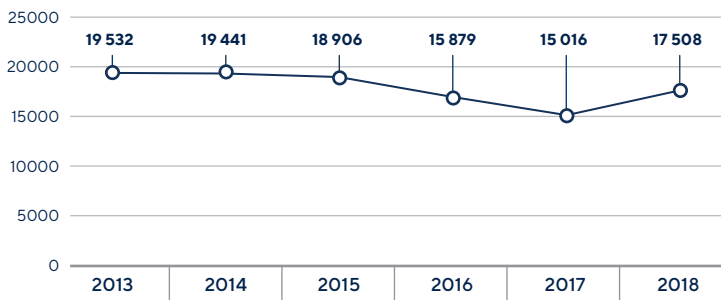
Total passenger turnover, million passenger-km



1.2. Freight transportation

		2013	2014	2015	2016	2017	2018
1.	Freight turnover, million tkm neto	19 532	19 441	18 906	15 879	15 016	17 508
2.	Freight volume, thousand tonnes, including:	55 831	57 039	55 645	47 819	43 785	49 260
2.1.	domestic	1 178	1 257	1 672	1 482	1 649	1 364
2.2.	export	4 356	4 521	2 849	2 384	1 839	2 381
2.2.1.	<i>including:</i> from stations at ports	1 784	1 698	1 334	1 395	1 488	2 065
2.3.	import	47 669	49 408	48 276	42 036	36 617	40 470
2.3.1.	<i>including:</i> to port stations	43 456	45 343	44 105	38 085	33 549	37 348
2.4.	overland transit	2 628	1 853	2 848	1 917	3 680	5 045

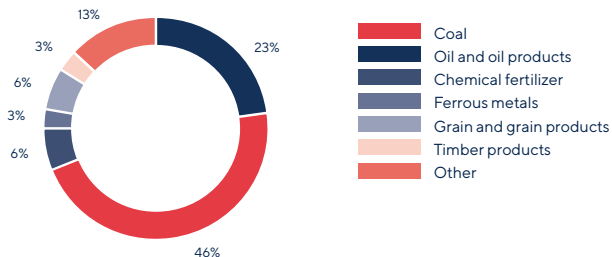
Freight turnover, million tkm neto



1.3. Freight transportation by type of freight

	2013	2014	2015	2016	2017	2018
1. Freight volume, thousand tonnes, including:	55 831	57 039	55 645	47 819	43 785	49 260
1.1. coal	21 173	20 134	19 095	15 911	17 689	22 669
1.2. oil and oil products	21 732	21 293	21 764	16 624	13 014	11 183
1.3. chemical fertilizers	3 428	4 738	3 777	3 876	3 288	2 980
1.4. ferrous metals	1 883	1 650	1 256	1 797	1 836	1 520
1.5. grain and grain products	878	1 447	1 819	1 697	1 757	2 878
1.6. timber products	875	982	1 498	1 572	1 085	1 635
1.7. other	5 862	6 795	6 436	6 342	5 116	6 395

Rate of freight transportation in 2018



1.4. Main indicators of train traffic

	2013	2014	2015	2016	2017	2018
1. Total train-kilometres, thousand, including:	18 913	19 030	18 577	16 516	15 665	16 759
1.1. Train-kilometres in passenger traffic of which by type of traction:	6 199	6 163	6 125	6 059	6 075	6 116
1.1.1. <i>diesel</i>	1 981	1 960	1 999	2 077	2 079	2 088
1.1.2. <i>electric</i>	3 594	3 591	3 591	3 605	3 619	3 651
1.2. Train-kilometres in freight traffic	11 816	11 835	11 528	9 677	8 844	9 989
1.3. Technological	898	1 032	924	780	746	654
2. Gross ton-kilometres in passenger traffic, million	1 840	1 819	1 732	1 719	1 745	1 763
3. Gross ton-kilometres in freight traffic, million	35 210	34 389	35 004	28 632	26 960	30 081

1.5. Technical indicators of railway network

1.5.1. Railway tracks

		2013	2014	2015	2016	2017	2018
1.	Operational length of all lines, km	1 859	1 860	1 860	1 860	1 860	1 860
1.1.	Operational length of broad-gauge lines, km	1 826	1 827	1 827	1 827	1 827	1 827
1.1.1.	<i>including: double-track and more</i>	316	363	367	367	367	367
1.2.	Operational length of narrow-gauge lines, km	33	33	33	33	33	33
2.	Overall length of lines, km	3 108	3 153	3 171	3 170	3 167	3 162
3.	Overall length of main line tracks (total), km	2 161	2 214	2 217	2 217	2 217	2 217
3.1.	Overall length of station tracks and special tracks, km	808	803	819	819	817	817
4.	Length of welded-rail tracks, km	1 932	2 004	2 012	2 029	2 049	2 062
5.	Length of main lines with concrete sleepers, km	2 032	1 926	2 097	2 110	2 132	2 147
6.	Length of main lines with hardened rails, km	1 355	1 582	1 616	1 654	1 678	1 487
7	Length of spur tracks, km	139	137	135	134	134	128

1.5. Technical indicators of railway network

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

	2013	2014	2015	2016	2017	2018
1. Total number of switches	3 201	3 180	3 218	3 208	3 198	3 192
1.1. <i>including:</i> number of electrically interlocked switches	2 519	2 570	2 616	2 611	2 607	2 602
2. Number of stations equipped with electrical interlocking	162	159	162	162	162	162
3. Length of sections equipped with automatic block system (including dispatcher centralization), km	1 323	1 323	1 348	1 348	1 348	1 348
4. Length of sections equipped with radio communication, km	1 750	1 743	1 746	1 746	1 746	1 746
5. Length of mainline communications cables, km	2 342	3 365	3 051	2 420	2 298	2 362
6. Length of optical communications cable, km	2 353	2 426	2 710	2 953	2 960	3 015
7. Total capacity of automatic telephone stations, number of customer numbers	14 888	14 760	14 472	11 536	8 898	8 706
8. Hot box detection devices (PONAB,DISK), units/stations	58/58	58/58	58/58	58/58	58/58	58/58
9. Number of mobile electric power stations	13	14	14	14	14	14

1.5. Technical indicators of railway network

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

		2013	2014	2015	2016	2017	2018
10.	Number of static diesel power stations	217	215	243	243	243	256
11.	Overall length of catenary, km	620	629	637	637	637	637
12.	Operational length of electrified lines, km	248	251	251	251	251	251
13.	Number of transformer substations	623	623	571	580	580	575
14.	Electric power consumption for operations, million KWh/year	45	44	45	49	45	43
15.	Total number of servers, including:	93	105	154	181	211	224
15.1.	mainframe	2	2	2	2	2	2
15.2.	medium and small servers	91	103	152	179	209	222

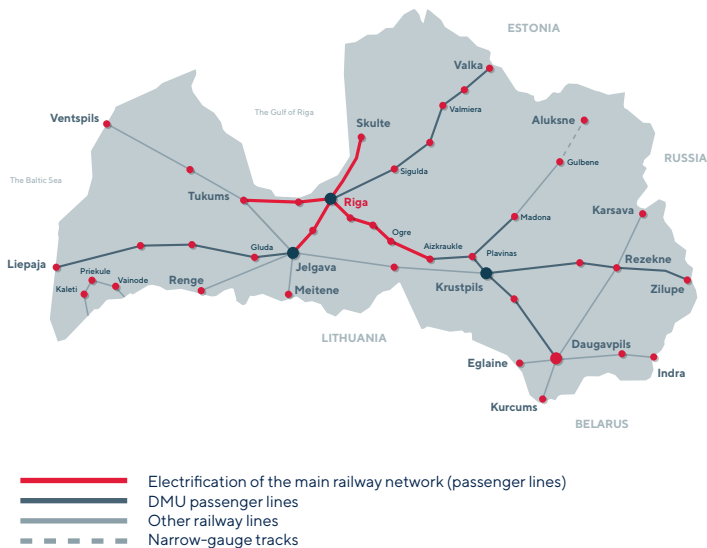
1.5. Technical indicators of railway network

1.5.3. Railway stations*

	2013	2014	2015	2016	2017	2018
1. Number of stations (stop points) with passing tracks, total, including:	153	153	152	137	137	138
1.1. passenger	1	1	1	1	1	1
1.2. marshalling	2	2	2	2	2	2
1.3. freight	34	34	34	10	10	10
1.4. section	4	4	4	4	4	5
1.5. line	112	112	111	120	120	120
2. Number of shunting loops (including block-signal posts and track posts)				22	22	22
3. Number of stations with freight operations	76	76	77	78	78	76
4. Major railway junctions	6	6	6	6	6	6

* Since 2016 stations accounting by service was changed

1.6. "Latvijas dzelzceļš" infrastructure



2. Indicators of “Latvijas dzelzceļš” Concern

2.1. Locomotive fleet

		2013	2014	2015	2016	2017	2018
1.	Number of diesel locomotives (units), including:	202	206	204	200	194	175
1.1.	2TE10, 2TE116	29	30	34	34	34	34
1.2.	M62, 2M62U, 2M62UC, 2M62UP, 2M62UM	99	99	92	87	81	62
1.3.	ČME3, ČME3M, ČME3ME, ČME3MB, TEM2, TEM2U, TGM23V	64	67	69	70	70	70
1.4.	TEP-70	10	10	9	9	9	9
2.	Number of diesel multiple unit	2	2	2	2	2	2
3.	Run of diesel locomotives and diesel multiple units, thousand km	11 004	11 351	9 814	8 786	7 435	8 400
4.	Freight train average weight gross, tonnes	3 068	3 060	3 054	3 045	3 044	3 112

2.2. Wagon inventory fleet with the rights to move on the public serviss tracks of Latvian railway and other railways on December 31st

	2013	2014	2015	2016	2017	2018
1. Total number of freight wagons, including:	6 815	7 011	6 522	5 696	5 692	5 607
1.1. boxcars	1 886	1 986	1 942	1 423	1 423	1 348
1.2. flat wagons	39	39	39	39	39	29
1.3. open wagons	1 115	1 115	766	514	514	514
1.4. tank cars	1 216	1 216	1 120	1 064	1 064	1 064
1.5. isothermal wagons	27	27	27	27	27	27
1.6. other	2 532	2 628	2 628	2 629	2 625	2 625

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

		2013	2014	2015	2016	2017	2018
1.	Passengers carried, million						
1.1.	Rail	19,8	19,2	17,1	17,2	17,5	18,2
1.2.	Road (regular bus traffic)	147,2	146,1	144,4	142,9	140,2	141,4
1.3.	Air	3,0	3,0	3,2	3,5	4,0	4,4
1.4.	Urban electrical transport	-	-	87,9	84,6	85,1	83,6
2.	Passenger turnover, million passenger-km						
2.1.	Rail	729	649	591	584	596	624
2.2.	Road (regular bus traffic)	2 332	2 345	2 232	2 187	2 146	2 204
2.3.	Air	3 537	3 318	4 110	4 622	5 265	5 534

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

	2013	2014	2015	2016	2017	2018
1. Freight volume, thousand tonnes						
1.1. Rail transport	55 831	57 039	55 645	47 819	43 785	49 260
1.2. Road transport	60 610	62 239	62 569	63 389	68 012	76 703
1.3. Pipeline transport	5 466	5 694	4 718	3 617	3 387	2 664
1.4. Air transport	14	15	13	12	14	14
2. Freight turnover, million tkm neto						
2.1. Rail transport	19 532	19 441	18 906	15 879	15 016	17 508
2.2. Road transport	12 816	13 670	14 690	14 227	14 972	14 997
2.3. Pipeline transport	2 279	2 376	1 965	1 507	1 411	1 109
2.4. Air transport	11	13	9	11	13	15



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