



# Performance indicators of public rail network in Latvia 2023

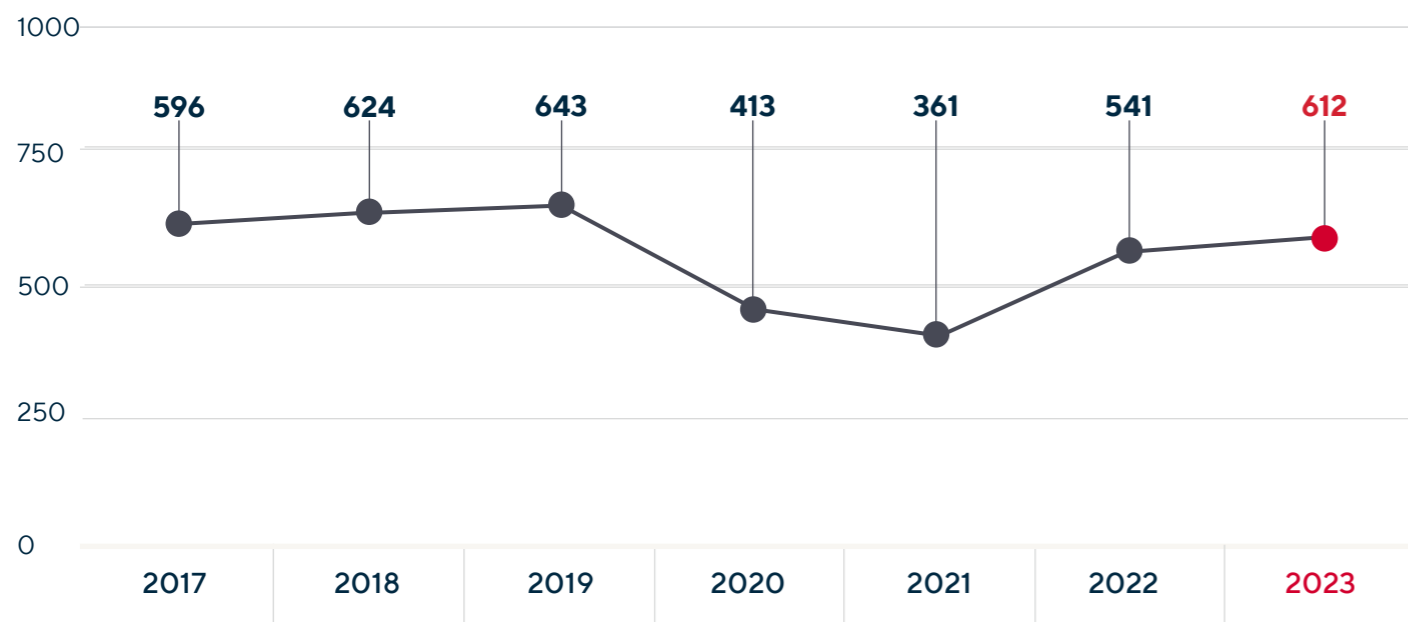
- 1. Indicators of SJSC “Latvijas dzelzceļš” rail infrastructure network**
  - 1.1. Passenger transportation
  - 1.2. Freight transportation
  - 1.3. Freight transportation by type of freight
  - 1.4. Main indicators of train traffic
  - 1.5. Technical indicators of railway network
    - 1.5.1. Railway 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

	2017	2018	2019	2020	2021	2022	2023
<b>1. Total passenger turnover, million passenger - km</b>	<b>596</b>	<b>624</b>	<b>643</b>	<b>413</b>	<b>361</b>	<b>541</b>	<b>612</b>
1.1. including: domestic traffic	555	584	604	409	361	540	612
<b>2. Passengers carried, thousand</b>	<b>17 494</b>	<b>18 242</b>	<b>18 623</b>	<b>12 862</b>	<b>11 194</b>	<b>15 694</b>	<b>17 134</b>
2.1. including: domestic traffic	17 327	18 075	18 442	12 836	11 189	15 679	17 134
<b>3. Passenger average traffic distance, km</b>							
3.1. Electric trains	25	26	26	25	24	25	25
3.2. Diesel trains	95	97	96	96	103	113	115

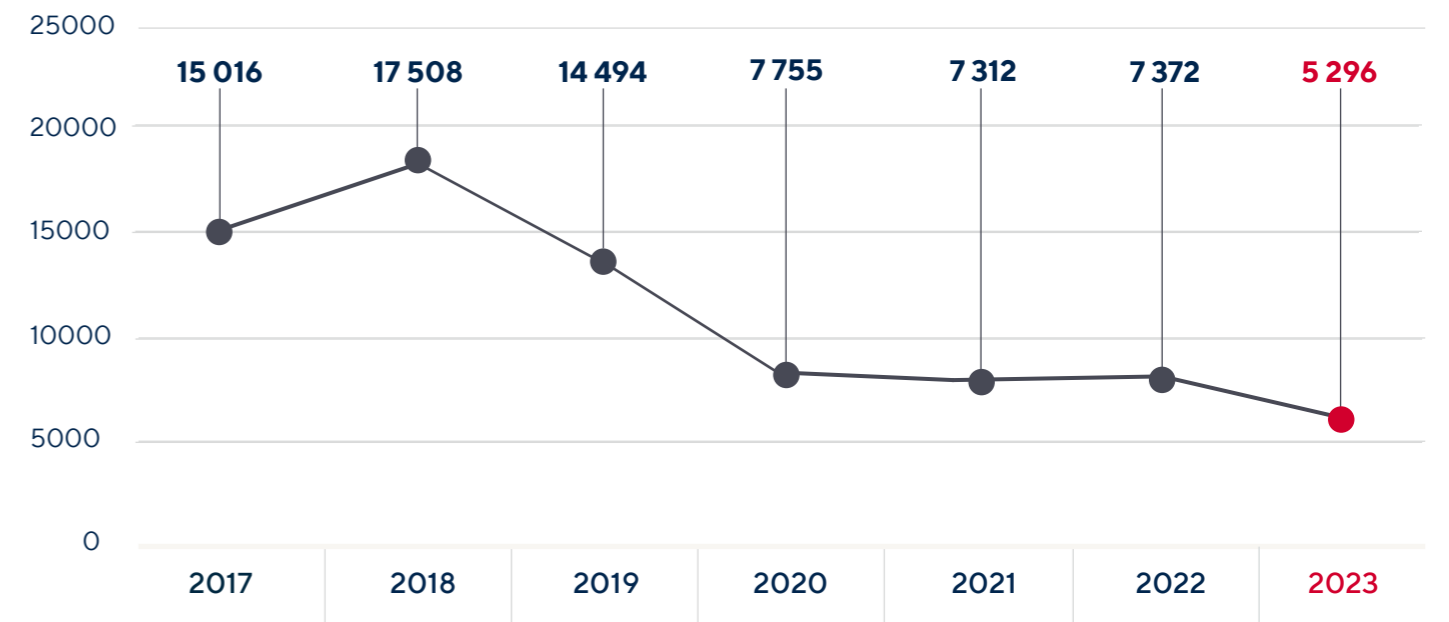
Total passenger turnover, million passenger - km



### 1.2. Freight transportation

	2017	2018	2019	2020	2021	2022	2023
<b>1. Freight turnover, million tkm neto</b>	<b>15 016</b>	<b>17 508</b>	<b>14 494</b>	<b>7 755</b>	<b>7 312</b>	<b>7 372</b>	<b>5 296</b>
<b>2. Freight volume, thousand tonnes, including:</b>	<b>43 785</b>	<b>49 260</b>	<b>41 490</b>	<b>24 113</b>	<b>21 963</b>	<b>21 588</b>	<b>15 636</b>
2.1. domestic	1 649	1 364	1 708	2 066	1 970	1 698	1 630
2.2. export	1 839	2 381	2 287	2 024	2 123	3 724	3 499
2.2.1. including: from stations at ports	1 488	2 065	2 006	1 700	1 787	3 415	3 211
2.3. import	36 617	40 470	32 949	16 305	13 473	14 072	9 633
2.3.1. including: to port stations	33 549	37 348	29 624	13 610	10 900	12 090	8 102
2.4. overland transit	3 680	5 045	4 546	3 718	4 397	2 094	874

Freight turnover, million tkm neto



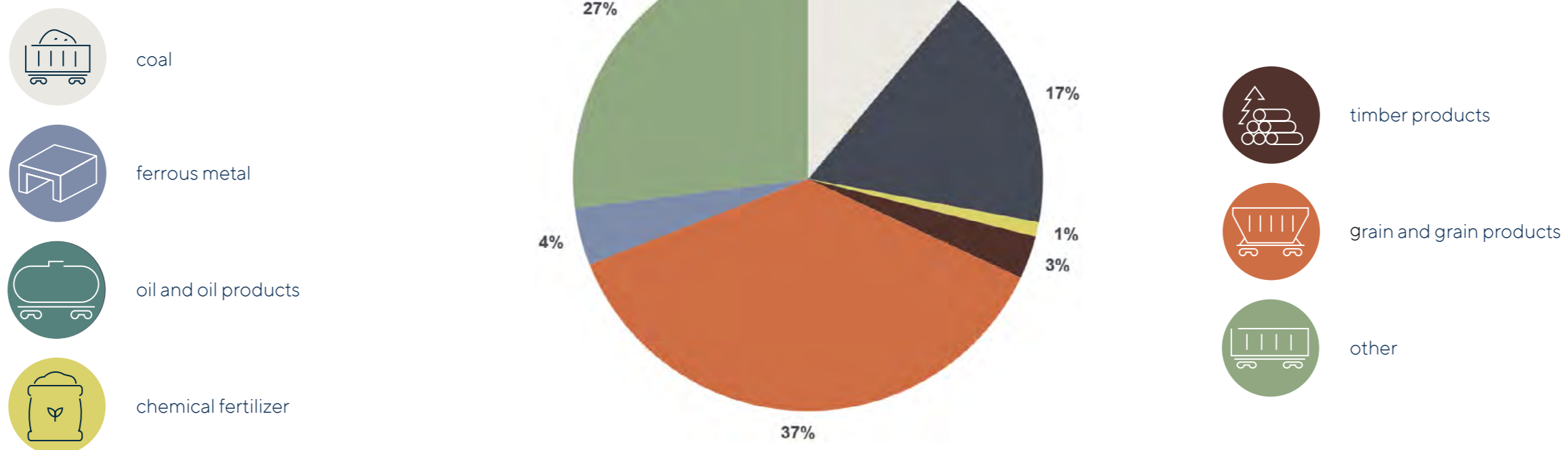
### 1.3. Freight transportation by type of freight

	2017	2018	2019	2020	2021	2022	2023
<b>1. Freight volume, thousand tonnes, including:</b>	<b>43 785</b>	<b>49 260</b>	<b>41 490</b>	<b>24 113</b>	<b>21 963</b>	<b>21 588</b>	<b>15 636</b>
1.1. coal	17 689	22 669	17 473	4 041	2 045	4 799	1 679
1.2. oil and oil products**	13 014	11 183	9 398	6 409	6 298	4 355	2 668
1.3. chemical fertilizers	3 288	2 980	2 766	2 283	2 480	889	239
1.4. timber products	1 085	1 635	1 979	2 062	1 770	975	416
1.5. grain, processed grain products, seeds and fruits*	1 757	2 878	1 818	4 359	4 463	4 324	5 735
1.6. ferrous metals**	1 836	1 520	1 186	572	521	272	603
1.7. other	5 116	6 395	6 870	4 387	4 386	5 974	4 296

\* 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 2023



### 1.4. Main indicators of train traffic

	2017	2018	2019	2020	2021	2022	2023
<b>1. Total train-kilometrs, thousand, including:</b>	<b>15 665</b>	<b>16 759</b>	<b>15 320</b>	<b>11 501</b>	<b>11 131</b>	<b>11 206</b>	<b>10 230</b>
1.1. Train-kilometres in passenger traffic of which by type of traction:	6 075	6 116	6 135	5 969	6 037	6 283	6 543
1.1.1. diesel	2 079	2 088	2 130	2 223	2 296	2 488	2 568
1.1.2. electric	3 619	3 651	3 658	3 629	3 683	3 737	3 916
1.2. Train-kilometres in freight traffic	8 844	9 989	8 571	4 994	4 638	4 463	3 225
1.3. Technological	746	654	614	538	456	460	462
<b>2. Gross ton-kilometres in passenger traffic, million</b>	<b>1 745</b>	<b>1 763</b>	<b>1 780</b>	<b>1 623</b>	<b>1 635</b>	<b>1 673</b>	<b>1 660</b>
<b>3. Gross ton-kilometres in freight traffic, million</b>	<b>26 960</b>	<b>30 081</b>	<b>25 589</b>	<b>13 935</b>	<b>12 924</b>	<b>12 467</b>	<b>8 774</b>

## 1.5. Technical indicators of railway network

## 1.5.1. Railway tracks

	2017	2018	2019	2020	2021	2022	2023
<b>1. Operational length of all lines, km</b>	<b>1 860</b>	<b>1 860</b>	<b>1 860</b>	<b>1 859</b>	<b>1 859</b>	<b>1 865</b>	<b>1 831</b>
1.1. Operational length of broad-gauge lines, km including:	1 827	1 827	1 827	1 826	1 826	1 832	1 798
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
<b>2. Overall length of lines, km</b>	<b>3 167</b>	<b>3 162</b>	<b>3 161</b>	<b>3 158</b>	<b>3 147</b>	<b>3 180</b>	<b>3 178</b>
<b>3. Overall length of main line tracks (total), km</b>	<b>2 217</b>	<b>2 217</b>	<b>2 217</b>	<b>2 216</b>	<b>2 213</b>	<b>2 213</b>	<b>2 217</b>
3.1. Overall length of station tracks and special tracks, km	817	817	817	818	818	818	816
<b>4. Length of welded-rail tracks, km</b>	<b>2 049</b>	<b>2 062</b>	<b>2 062</b>	<b>2 061</b>	<b>2 054</b>	<b>2 063</b>	<b>2 067</b>
<b>5. Length of main lines with concrete sleepers, km</b>	<b>2 132</b>	<b>2 147</b>	<b>2 148</b>	<b>2 148</b>	<b>2 144</b>	<b>2 140</b>	<b>2 140</b>
<b>6. Length of main lines with hardened rails, km</b>	<b>1 678</b>	<b>1 487</b>	<b>1 492</b>	<b>1 503</b>	<b>1 502</b>	<b>1 516</b>	<b>1 520</b>
<b>7. Length of spur tracks, km</b>	<b>134</b>	<b>128</b>	<b>127</b>	<b>124</b>	<b>116</b>	<b>149</b>	<b>146</b>

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

	2017	2018	2019	2020	2021	2022	2023
<b>1. Total number of switches including:</b>	<b>3 198</b>	<b>3 192</b>	<b>3 190</b>	<b>3 182</b>	<b>3 150</b>	<b>3 223</b>	<b>3 214</b>
1.1. number of electrically interlocked switches	2 607	2 602	2 602	2 604	2 582	2 641	2 639
<b>2. Number of stations equipped with electrical interlocking</b>	<b>162</b>	<b>162</b>	<b>162</b>	<b>162</b>	<b>162</b>	<b>162</b>	<b>162</b>
<b>3. Length of sections equipped with automatic block system (including dispatcher centralization), km</b>	<b>1 348</b>	<b>1 348</b>	<b>1 348</b>	<b>1 348</b>	<b>1 348</b>	<b>1 348</b>	<b>1 348</b>
<b>4. Length of sections equipped with radio communication, km</b>	<b>1 746</b>	<b>1 746</b>	<b>1 746</b>	<b>1 728</b>	<b>1 728</b>	<b>1 728</b>	<b>1 728</b>
<b>5. Length of mainline communications cables, km</b>	<b>2 298</b>	<b>2 362</b>	<b>2 756</b>	<b>3 134</b>	<b>3 134</b>	<b>3 134</b>	<b>3 134</b>
<b>6. Length of optical communications cable, km</b>	<b>2 960</b>	<b>3 015</b>	<b>3 122</b>	<b>3 134</b>	<b>3 296</b>	<b>3 301</b>	<b>3 301</b>
<b>7. Total capacity of automatic telephone stations, number of customer numbers</b>	<b>8 898</b>	<b>8 706</b>	<b>8 338</b>	<b>5 345</b>	<b>1 929</b>	<b>1 929</b>	<b>2 060</b>
<b>8. Hot box detection devices (PONAB, DISK), units/stations</b>	<b>58/58</b>	<b>58/58</b>	<b>58/58</b>	<b>58/58</b>	<b>58/58</b>	<b>58/58</b>	<b>58/58</b>
<b>9. Number of mobile electric power stations</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>39*</b>	<b>39</b>	<b>39</b>

\* 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)

	2017	2018	2019	2020	2021	2022	2023
10. Number of static diesel power stations	243	256	221	219	219	220	220
11. Overall length of catenary, km	637	637	637	637	631	631	631
12. Operational length of electrified lines, km	251	251	251	251	251	251	251
13. Number of transformer substations	580	575	566	650	647	647	646
14. Electric power consumption for operations, million KWh/year	45	43	37,8	31,6	34,1	31,3	30,4
15. Total number of servers, including:	211	224	172	156	109	133	127
15.1. mainframe	2	2	2	2	2	2	2
15.2. medium and small servers	209	222	170	154	107	131	125

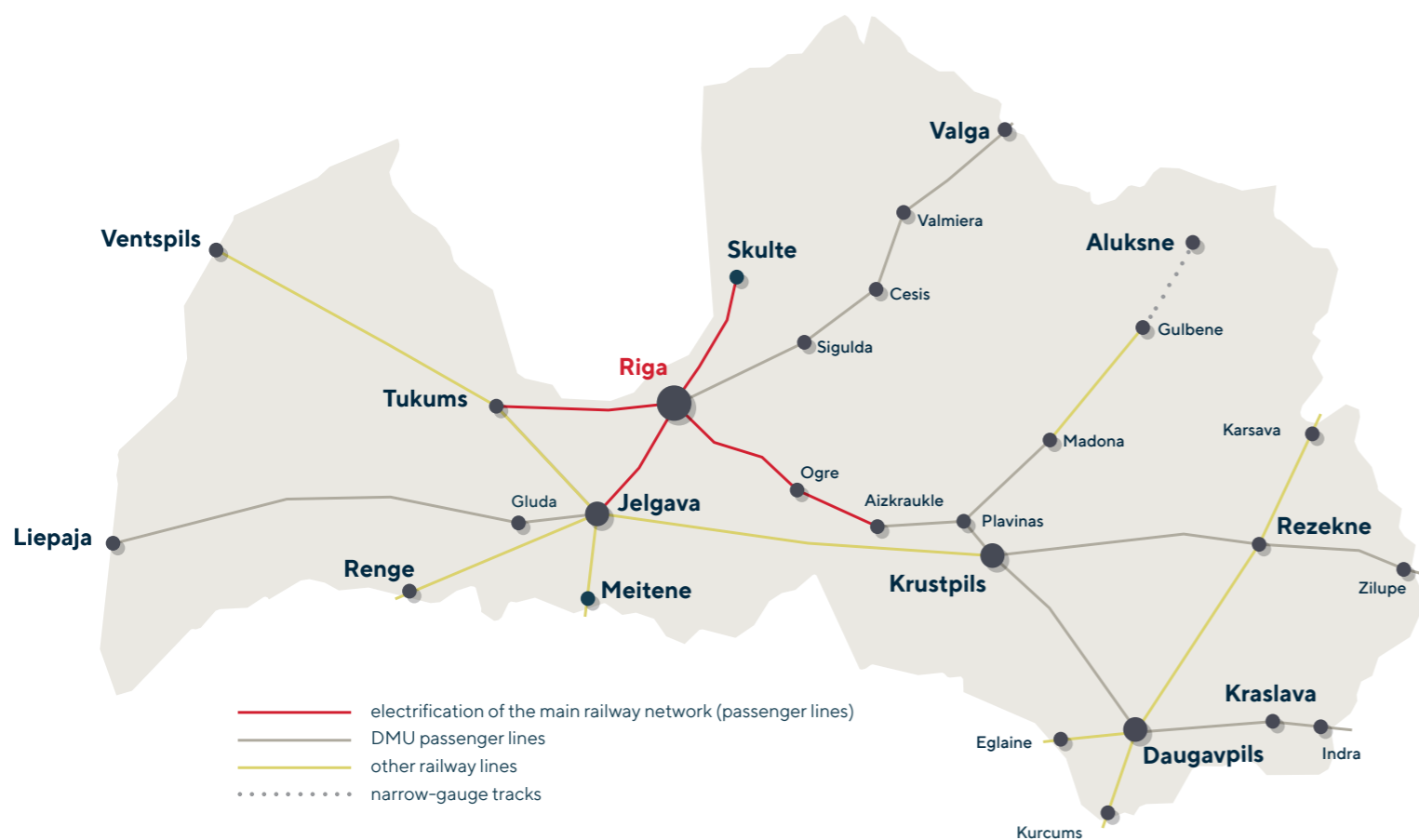
## 1.5.3. Railway stations\*

	2017	2018	2019**	2020	2021	2022	2023
1. Number of stations (stop points) with passing tracks, total, including:	137	138	141	141	140	140	140
1.1. passenger	1	1	1	1	1	1	1
1.2. marshalling	2	2	2	2	2	2	2
1.3. freight	10	10	17	17	16	16	16
1.4. section	4	5	4	4	4	4	4
1.5. line	120	120	117	117	117	117	117
2. Number of shunting loops (including block-signal posts and track posts)	22	22	22	21	21	21	21
3. Number of stations with freight operations	78	76	76	76	74	74	73
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

	2017	2018	2019	2020	2021	2022	2023
<b>1. Number of diesel locomotives (units), including:</b>	<b>194</b>	<b>175</b>	<b>175</b>	<b>155</b>	<b>131</b>	<b>116</b>	<b>106</b>
1.1. 2TE10, 2TE116	34	34	34	34	34	34	22
1.2. M62, 2M62U, 2M62UC, 2M62UP, 2M62UM	81	62	62	53	37	25	26
1.3. ČME3, ČME3M, ČME3ME, ČME3MB, TEM2, TEM2U, TGM23V	70	70	70	61	55	52	53
1.4. TEP-70	9	9	9	7	5	5	5
<b>2. Number of diesel multiple unit</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>
<b>3. Run of diesel locomotives and diesel multiple unites, thousand km</b>	<b>7 435</b>	<b>8 400</b>	<b>7 629</b>	<b>5 037</b>	<b>4 255</b>	<b>4 222</b>	<b>3 432</b>
<b>4. Freight train average weight gross, tonnes</b>	<b>3 044</b>	<b>3 112</b>	<b>3 192</b>	<b>3 092</b>	<b>3 143</b>	<b>3 172</b>	<b>3 181</b>

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

	2017	2018	2019	2020	2021	2022	2023
<b>1. Total number of freight wagons, including:</b>	<b>5 696</b>	<b>5 692</b>	<b>5 607</b>	<b>5 152</b>	<b>4 272</b>	<b>4 272</b>	<b>4 002</b>
1.1. boxcars	1 423	1 423	1 348	1 070	893	893	893
1.2. flat wagons	39	39	29	27	27	27	37
1.3. open wagons	514	514	514	436	262	262	204
1.4. tank cars	1 064	1 064	1 064	967	520	520	315
1.5. isothermal wagons	27	27	27	27	16	16	0
1.6. other	2 629	2 625	2 625	2 625	2 554	2 554	2 553

### 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

	2017	2018	2019	2020	2021	2022	2023
<b>1. Passengers carried, million</b>							
1.1. rail	17,5	18,2	18,6	12,9	11,2	15,7	17,1
1.2. road (regular bus traffic)	140,2	140,6	140,0	86,8	72,7	91,9	103,7
1.3. air	4	4,4	5,2	1,4	1,9	3,8	5,1
1.4. urban electrical transport	85,1	83,6	80,6	52,4	42,9	54,9	66,7
<b>2. Passenger turnover, million passenger-km</b>							
2.1. rail	596	624	643	413	361	541	612
2.2. road (regular bus traffic)	2 146	2 156	2 191	1 378	1 128	1 454	1 604
2.3. air	5 265	5 534	5 991	1 591	2 725	5 831	9 288

### 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

	2017	2018	2019	2020	2021	2022	2023
<b>1. Freight volume, thousand tonnes</b>							
1.1. rail transport	43 785	49 260	41 490	24 113	21 963	21 588	15 636
1.2. road transport	68 012	76 703	73 755	75 705	81 602	80 948	80 681
1.3. pipeline transport	3 387	2 664	2 716	1 523	595	313	-
1.4. air transport	14	14	16	11	11	9	8
<b>2. Freight turnover, million tkm neto</b>							
2.1. rail transport	15 016	17 508	14 494	7 755	7 312	7 372	5 296
2.2. road transport	14 972	14 997	14 965	13 705	15 103	14 581	13 204
2.3. pipeline transport	1 411	1 109	1 129	516*	202	106	-
2.4. air transport	13	15	18	11	11	11	13

\* transportation only in Latvia's territory



SJSC "Latvijas dzelzceļš"

3 Emīlijas Benjamiņas Street, Riga, LV-1547, Latvia

E-mail: info@ldz.lv

Phone: 8002 1181, +371 6723 1181 (calling from abroad)