

**PERFORMANCE INDICATORS  
OF LDZ RAIL NETWORK**

**2015**

2016  
Financial Department  
Communication Department



# Content

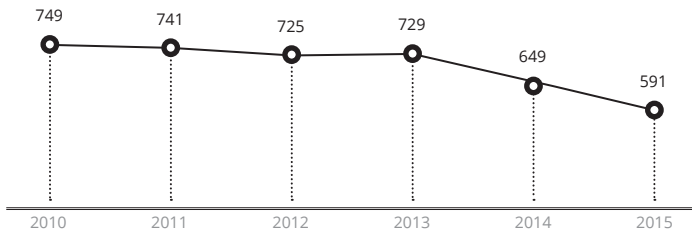
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# 1. Indicators of SJSC „Latvijas dzelzceļš” rail infrastructure network

## 1.1. Passenger transportation

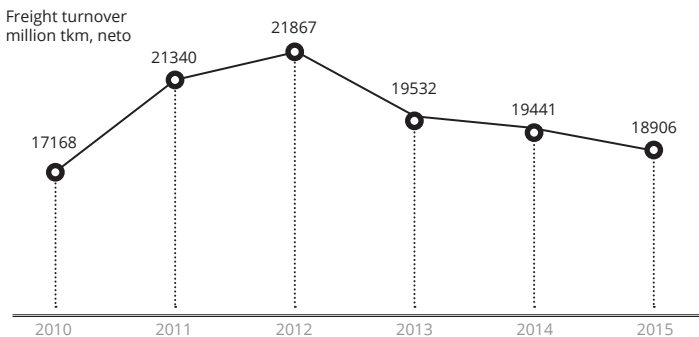
No	Indicators	2010	2011	2012	2013	2014	2015
1.	<b>Total passenger turnover, million passenger-km</b>	<b>749</b>	<b>741</b>	<b>725</b>	<b>729</b>	<b>649</b>	<b>591</b>
1.1.	<i>including:</i> domestic traffic	670	662	640	640	578	545
2.	<b>Passengers carried, thousand</b>	<b>20856</b>	<b>20494</b>	<b>19757</b>	<b>19779</b>	<b>19222</b>	<b>17070</b>
2.1.	<i>including:</i> domestic traffic	20518	20159	19409	19419	18937	16885
3.	<b>Average passenger journey, km:</b>						
3.1.	Electric trains	26	26	26	26	24	26
3.2.	Diesel trains	92	96	97	101	93	97

Total passenger turnover, million passenger-km



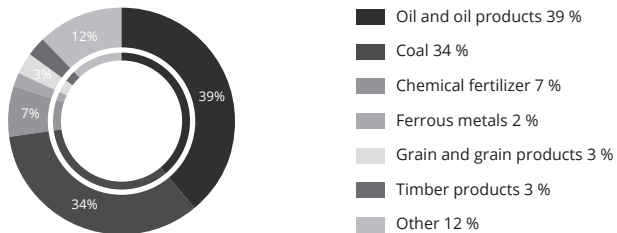
## 1.2. Freight transportation

No	Indicators	2010	2011	2012	2013	2014	2015
1.	<b>Freight turnover, million tkm, neto</b>	<b>17168</b>	<b>21340</b>	<b>21867</b>	<b>19532</b>	<b>19441</b>	<b>18906</b>
2.	<b>Freight volume, thousand ton</b>	<b>49464</b>	<b>59385</b>	<b>60601</b>	<b>55831</b>	<b>57039</b>	<b>55645</b>
2.1.	<i>including: domestic</i>	1262	1193	1429	1178	1257	1672
2.2.	export	3207	4932	4886	4356	4521	2849
2.2.1.	<i>including: from stations at ports</i>	1500	2995	2983	1784	1698	1334
2.3.	import	40973	48438	49728	47669	49408	48276
2.3.1.	<i>including: through port stations</i>	37556	44743	46052	43456	45343	44105
2.4.	overland transit	3722	4822	4558	2628	1853	2848



## 1.3. Freight transportation by type of freight

Freight volume, thousand tons in 2015



No	Indicators	2010	2011	2012	2013	2014	2015
<b>1.</b>	<b>Freight volume, thousand tons including:</b>	<b>49164</b>	<b>59385</b>	<b>60601</b>	<b>55831</b>	<b>57039</b>	<b>55645</b>
1.1.	oil and oil products	17690	20465	18372	21732	21293	21764
1.2.	coal	14980	20453	22454	21173	20134	19095
1.3.	chemical fertilizers	4357	5052	3729	3428	4738	3777
1.4.	ferrous metals	2601	2061	1757	1883	1650	1256
1.5.	grain and grain products	1068	1131	2188	878	1447	1820
1.6.	timber products	813	837	894	875	982	1498
1.7.	other	7655	9386	11207	5862	6795	6435

## 1.4. Basic indicators of train traffic

No	Indicators	2010	2011	2012	2013	2014	2015
<b>1.</b>	<b>Total train-kilometres, thousand, including:</b>	<b>17844</b>	<b>19861</b>	<b>20330</b>	<b>18913</b>	<b>19030</b>	<b>18577</b>
1.1.	Train-kilometres of passenger traffic of which by type of traction:	6292	6397	6289	6199	6163	6125
1.1.1.	<i>diesel</i>	3543	2159	2692	1981	1960	1999
1.1.2.	<i>electric</i>	2170	3590	3597	3487	3591	3591
1.2.	Train-kilometres of freight traffic	10625	12631	13127	11816	11835	11528
1.3.	Technological	927	833	914	898	1032	924
<b>2.</b>	<b>Gross ton-kilometres of passenger traffic, million</b>	<b>1757</b>	<b>1790</b>	<b>1831</b>	<b>1840</b>	<b>1819</b>	<b>1732</b>
<b>3.</b>	<b>Gross ton-kilometres of freight traffic, million</b>	<b>30455</b>	<b>36625</b>	<b>38731</b>	<b>35210</b>	<b>34389</b>	<b>35004</b>
<b>4.</b>	<b>Consumption of diesel fuel, thousand tons</b>	<b>62555</b>	<b>72718</b>	<b>76169</b>	<b>68053</b>	<b>67167</b>	<b>63508</b>

## 1.5. Technical indicators of railway network

### 1.5.1. Railway tracks

No	Indicators	2010	2011	2012	2013	2014	2015
<b>1.</b>	<b>Operational length of all lines, km</b>	<b>1897</b>	<b>1865</b>	<b>1859</b>	<b>1859</b>	<b>1859</b>	<b>1860</b>
1.1.	Operational length of broad-gauge lines, km	1864	1831	1826	1826	1826	1827
1.1.1.	<i>including: double-track and more</i>	320	316	300	316	363	367
1.2.	Operational length of narrow-gauge lines, km	33	33	33	33	33	33
<b>2.</b>	<b>Overall length of lines, km</b>	<b>3182</b>	<b>3173</b>	<b>3132</b>	<b>3115</b>	<b>3108</b>	<b>3153</b>
<b>3.</b>	<b>Overall length of main line tracks (total), km</b>	<b>2202</b>	<b>2166</b>	<b>2161</b>	<b>2161</b>	<b>2214</b>	<b>2217</b>
3.1.	Overall length of station tracks and special tracks, km	816	810	810	808	803	819
<b>4.</b>	<b>Length of welded-rail tracks, km</b>	<b>1901</b>	<b>2146</b>	<b>1932</b>	<b>1932</b>	<b>2004</b>	<b>2012</b>
<b>5.</b>	<b>Length of main lines with concrete sleepers, km</b>	<b>1982</b>	<b>1980</b>	<b>2021</b>	<b>2032</b>	<b>1926</b>	<b>1944</b>
<b>6.</b>	<b>Length of main lines with hardened rails, km</b>	<b>1242</b>	<b>1261</b>	<b>1333</b>	<b>1355</b>	<b>1562</b>	<b>1616</b>
<b>7</b>	<b>Length of spur tracks, km</b>	<b>155</b>	<b>155</b>	<b>144</b>	<b>140</b>	<b>137</b>	<b>135</b>



## 1.5. Technical indicators of railway network

### 1.5.2. Facilities of signalling, remote control,

telecommunication, power supply and data processing (1)

No	Indicators	2010	2011	2012	2013	2014	2015
1.	<b>Total number of turnout</b>	3194	3175	3198	3201	3181	3215
1.1.	<i>including:</i> number of electrically interlocked turnouts	2597	2532	2521	2519	2570	2616
2.	<b>Number of stations equipped with electrical interlocking</b>	165	162	162	162	160	162
3.	<b>Length of sections equipped with automatic block system (including dispatcher centralization), km</b>	1149	1323	1323	1323	1323	1348
4.	<b>Length of sections equipped with radio communication, km</b>	1789	1750	1750	1750	1743	1746
5.	<b>Length of mainline communications cables, km</b>	3134	2282	2461	2342	3365	3051
6.	<b>Length of optical communications cable, km</b>	1251	1609	1915	2353	2426	2710
7.	<b>Total telephone customer numbers</b>	7256	15144	15144	14888	14760	14472
8.	<b>Hot box detection devices (PONAB,DISK), units/stations</b>	66/48	58/58	58/58	58/58	58/58	58/58
9.	<b>Number of mobile electric power stations</b>	15	15	15	13	14	14

## 1.5. Technical indicators of railway network

### 1.5.2. Facilities of signalling, remote control, telecommunication, power supply and data processing (2)

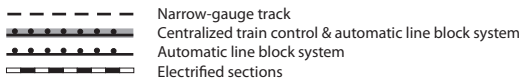
No	Indicators	2010	2011	2012	2013	2014	2015
10.	<b>Number of stationary diesel power stations</b>	114	134	133	217	215	253
11.	<b>Overall length of catenary, km</b>	648	648	626	620	629	637
12.	<b>Operational length of electrified lines, km</b>	257	257	250	248	251	251
13.	<b>Number of transformer substations</b>	635	624	623	623	623	571
14.	<b>Electric power consumption for operations ,million KWh/year</b>	47	44	48	45	44	45
15.	<b>Total number of servers</b>	104	158	119	93	105	154
15.1.	<i>including: mainframe</i>	2	2	2	2	2	2
15.2.	medium and small servers	102	156	117	91	103	152
16.	<b>Number of personal computers (Concern)</b>	2600	2800	3394	3477	3493	3572

## 1.5. Technical indicators of railway network

### 1.5.3. Railway stations

No	Indicators	2010	2011	2012	2013	2014	2015
<b>1.</b>	<b>Number of stations (stop points) with passing tracks, total</b>	<b>152</b>	<b>152</b>	<b>152</b>	<b>153</b>	<b>153</b>	<b>152</b>
1.1.	<i>including by type of operation: passenger</i>	1	1	1	1	1	1
1.2.	marshalling	2	2	2	2	2	2
1.3.	freight	33	33	33	34	34	34
1.4.	section	4	4	4	4	4	4
1.5.	way station	112	112	112	112	112	111
<b>2.</b>	<b>Number of stations with freight operations</b>	<b>75</b>	<b>75</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>77</b>
<b>3.</b>	<b>Major railway junctions</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>

## 1.6. Latvian rail network



## 2. Indicators of Group “Latvijas dzelzceļš”

### 2.1. Locomotive fleet

No	Indicators	2010	2011	2012	2013	2014	2015
1.	<b>Number of diesel locomotives (units), including:</b>	202	202	202	202	206	204
1.1.	<i>2TE10, 2TE116</i>	23	23	29	29	30	34
1.2.	M62, 2M62, 2M62U, 2M62UC, 2M62UP	103	103	99	99	99	92
1.3.	ČME3, ČME3M, TEM2, TGM23	63	63	63	64	67	69
1.4.	TEP-70	13	13	11	10	10	9
2.	<b>Number of diesel multiple unit</b>	1	2	2	2	2	2
3.	<b>Run of diesel locomotives and diesel multiple units, thousand km</b>	10147	11633	12184	11004	11351	9814
4.	<b>Diesel fuel consumption, thousand tons (LDZ Concern)</b>	46569	54500	55085	48927	49778	40636

## 2.2. Freight wagon fleet

No	Indicators	2010	2011	2012	2013	2014	2015
<b>1.</b>	<b>Wagons available to Group, including:</b>	<b>6038</b>	<b>6126</b>	<b>6320</b>	<b>6815</b>	<b>7011</b>	<b>6522</b>
1.1.	boxcars	1589	1589	1688	1886	1986	1942
1.2.	flat wagons	74	74	74	39	39	39
1.3.	open wagons	1121	1121	1115	1115	1115	766
1.4.	tank cars	1216	1216	1216	1216	1216	1120
1.5.	refrigerator wagons	68	37	33	27	27	27
1.6.	other	1970	2089	2194	2532	2628	2628

### 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

No	Indicators	2010	2011	2012	2013	2014	2015
<b>1.</b>	<b>Passengers carried, million</b>						
	<b>Total</b>	<b>254,7</b>	<b>260,2</b>	<b>256,4</b>	<b>262,1</b>	<b>260,3</b>	<b>253,9</b>
1.1.	Rail	20,9	20,5	19,8	19,8	19,2	17,1
1.2.	Road (regular bus traffic)	145,0	148,4	146,6	147,2	146,1	145,7
1.3.	Air	3,4	3,5	3,2	3,0	3,0	3,2
1.4.	Urban electrical transport	85,4	87,8	86,8	92,1	92,0	87,9
<b>2.</b>	<b>Passenger turnover, million passenger-km</b>						
2.1.	Rail	749	741	725	729	649	591
2.2.	Road (regular bus traffic)	2311	2412	2358	2332	2345	2360
2.3.	Air	4136	4113	3715	3537	3318	4110

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

3.1. Freight volume, thousand tons

3.2. Freight turnover, neto

No	Indicators	2010	2011	2012	2013	2014	2015
<b>1.</b>	<b>Freight volume, thousand tons</b>						
	<b>Total</b>	<b>101623</b>	<b>119125</b>	<b>119549</b>	<b>121921</b>	<b>124987</b>	<b>122534</b>
1.1.	Rail transport	49164	59385	60601	55831	57039	55645
1.2.	Road transport	46809	53936	52621	60610	62239	62158
1.3.	Pipeline transport	5635	5791	6308	5466	5694	4718
1.4.	Air transport	15	13	19	14	15	13
<b>2.</b>	<b>Freight turnover, neto</b>						
2.1.	Rail transport	17168	21340	21865	19532	19441	18906
2.2.	Road transport	10590	12131	12178	12816	13670	14608
2.3.	Pipeline transport	2350	2416	2631	2279	2376	1965
2.4.	Air transport	18	13	13	11	13	9