



STATE JOINT STOCK COMPANY
LATVIJAS DZELZCEĻŠ
LATVIAN RAILWAY



STATE JOINT STOCK COMPANY
LATVIJAS DZELZCEĻŠ
LATVIAN RAILWAY

Basic performance indicators

2006

3 Gogola Str., Riga
LV-1547, Latvia
www.ldz.lv

CONTENT

	Pp.
1. Personnel (number)	4
2. Passenger service	5
3. Freight shipments	6
4. Freight shipments by type of freight	7
5. Basic indicators of train traffic	8
6. Railway network	9
7. Tractive rolling stock	13
8. Passenger car fleet	14
9. Freight wagon fleet	15
10. Comparative data for Latvian freight and passenger traffic by mode	16
Latvian rail network	18

1. PERSONEL (NUMBER)

	1985	1990	1995	2000	**	**	**
Basic activities total <i>including the following ones:</i>	28951	23737	20254	15319	12976	12702	12233
Operations *	20455	16747	16275	3533	•	•	•
Heavy Repairs	1344	976	678	-	-	-	-
Construction	61	33	-	-	-	-	-
Loading & Unloading	725	569	233	-	-	-	-
Infrastructure	-	-	-	6223	5505	5223	4889
Other	6366	5412	3068	5563	•	•	•

* Staff accounting criteria have been changed since 1997;
In 2000 are separated the Infrastructure, Rolling Stock Department, Information&Computing Centre, Supply Department and Museum;

** In 2004, 2005 and 2006 - without JSC "Pasažieru vilciens",
JSC "Starptautiskie pasažieru pārvadājumi" and "VRC Zasulauks".

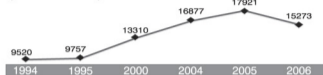
2. PASSENGER SERVICE

	1985	1990	1995	2000	2004	2005	2006
Total passenger km (million)	5214	5366	1256	715	810*	894*	992*
<i>including:</i> suburban traffic	3285	3327	779	568	722	800	893
Total passengers (thousand)	147779	144500	42296	18188	23856*	25947*	27424*
<i>including:</i> suburban traffic	130005	129012	39096	17502	23504	25569	27024
Average passenger journey (km)							
<i>including:</i> suburban traffic	25,0	26,0	20,6	22,6	24,2	24,5	24,8
domestic traffic	•	•	126,0	71,7	81.1	79,7	93,4
Total passengers departed from stations (thousand)	133275	134128	41742	17687	23662	25738	27198

* JSC "Pasažieru vilciens" (national traffic) and
JSC "Starptautiskie pasažieru pārvadājumi" (international traffic)

3. FREIGHT SHIPMENTS

FREIGHT TURNOVER
(million tonnes-km)

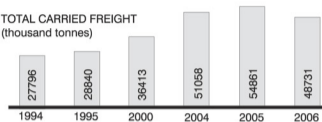


	1994	1995	2000	2004*	2005	2006
Freight turnover (million tonnes-km)	9520	9757	13310	16877	17921	15273
Total carried freight (thousand tonnes)	27796	28840	36413	51058	54861	48731
<i>including:</i> Domestic traffic	3389	3545	1753	2428	2633	2404
International traffic	24407	25295	34660	48630	52228	46327
<i>including:</i> Export	923	984	1936	1089	1049	820
Import	3206	2854	4000	4306	4875	5043
Transit	20278	21457	28724	43235	46304	40464
including through Latvian ports	16931	17925	25925	38667	40600	35624

* The calculation methods of domestic and international (export and import) traffic volume have been changed since 2001

4. FREIGHT SHIPMENTS BY TYPE OF FREIGHT

TOTAL CARRIED FREIGHT
(thousand tonnes)



	1994	1995	2000	2004	2005	2006
Total carried freight (thousand tonnes)	27796	28840	36413	51058	54861	48731
<i>including:</i> Oil and oil products	12124	11508	17693	21068	21236	17360
Ferrous metals	3066	3425	3989	1763	1879	2298
Fertilizers	4238	5202	6950	6711	7037	5535
Timber	834	1312	1054	1568	1665	1532
Grain	354	366	324	427	693	482
Coal	1006	896	583	13253	15592	14444
Sugar	•	•	559	520	322	492
Other	6174	6131	5261	5748	6437	6588

5. BASIC INDICATORS OF TRAIN TRAFFIC

	1985	1990	1995	2000	2004	2005	2006
Train-kilometres of passenger trains (thousand)	14120	14920	11932	9306	7512 *	7609 *	7411 *
<i>including:</i> Diesel traction trains (thousand)	7903	9016	7498	5033	3332	3464	3500
Electric traction trains (thousand)	6217	5904	4434	4273	4180	4145	3911
Train-kilometres of freight trains (thousand)	14911	14162	6938	8873	10866	11281	9711
Gross hauled tonne-kilometres of freight trains (million)	37160	35076	18131	24387	31138	32599	27667
Wagon-kilometres of freight trains (thousand)	696964	651475	333210	431504	569675	597460	509155

* JSC "Pasažieru vilciens" (national traffic) and
JSC "Starptautiskie pasažieru parvadājumi" (international traffic)

6. RAILWAY NETWORK

6.1 LINES

	1985	1990	1995	2000	2004	2005	2006
Total length of lines (route - km)	2383,5	2397,3	2412,7	2331	2269,8	2269,8	2269,2
Main line (route-km)	2350,3	2364,1	2379,5	2298	2236,4	2236,4	2235,8
<i>including:</i> Double-track sections (route-km)	271,6	302,9	304,0	301,7	302,8	302,8	302,8
Main line (track-km)	2675,0	2702,3	2703,6	2613,9	2573,4	2569,2	2567,0
Sidings and depots (track-km)	1269,3	1277,2	1207,4	1064,8	983,0	896,4	836,1
Welded rails (track-km)	1156,3	1471,0	1570,4	1638,4	1774,4	1810,3	1817,8
Main line with concrete sleepers (track-km)	1206,9	1554,1	1626,5	1678,1	1806,0	1833,0	1854,0
Main line with hardenness rails (track-km)	574,2	933,0	983,2	1074,3	1201,0	1247,0	1275,0
Operational length of lines with narrow gauge (route km)	33,2	33,2	33,2	33	33,4	33,4	33,4
Sidings, km	•	•	•	186,7	147,0	221,5	205,5

6. RAILWAY NETWORK

6. RAILWAY NETWORK *continuation*

6.2 FACILITIES OF SIGNALLING, REMOTE CONTROL, TELECOMMUNICATION, POWER SUPPLY AND DATA PROCESSING

	1985	1990	1995	2000	2004	2005	2006
Total turnouts (number)	4458	4469	4275	3790	3638	3512	3135
Electrically interlocked turnouts (number)	2570	2896	2863	2710	2662	2637	2599
Stations equipped with electrical interlocking (number)	176	178	168	166	164	163	163
Automatic block system including CTC (route-km)	1107,3	1106,4	1081,2	1046,1	1063,7	1063,7	1063,7
Radio communication (route-km)	2558,4	2357,4	2312,6	1989,6	1917,3	1917,3	1917,3
Long distance shielded cable (km)	386,4	951,1	1199,8	1840,6	3134,4 *	3190,9	3110,2
Length of optical communication cable (km)	-	-	-	561,7	686,1	786,5	800,3
Total telephone customer numbers	8215	9837	9046	7527	8017	7499	7294
Hot box detection devices PONAB/DISK (number/stations)	15/-	44/25	59/28	60/30	60/29	60/29	60/29
Mobile electric power stations (number)	5	4	6	10	9	12	12

* In 2004 the accounting system has been changed

6.2 FACILITIES OF SIGNALLING, REMOTE CONTROL, TELECOMMUNICATION, POWER SUPPLY AND DATA PROCESSING

	1985	1990	1995	2000	2004	2005	2006
Diesel power plants (number)**	120	115	108	105	122	121	119
Catenary (track-km)	620,4	694,5	690,7	653,0	650,1	650,1	649,2
Electrified lines (route-km)	247,6	270,7	270,7	257,9	257,4	257,4	257,4
Transformer substations (number)	1474	1610	863	692	596	598	595
Electric power consumption for operations & maintenance (million kWh/year)	142,6	147,0	114,8	85,3	**	49,9	50,2
Servers (total number)	8	19	24	34	64	67	69
<i>Including:</i>							
main frame (number)	4	8	9	7	7	7	4
medium and small servers (number)	4	11	15	27	57	60	65
Personal computers (number)	-	40	442	1457	1964	2200	2300
Number of the local computer networks	-	-	-	•	110	110	114

* Excluding diesel power stations owned by Signalling & Communication Units

** The reducing connected with property contribution in JSC "PV"

6. RAILWAY NETWORK

6.3 RAILWAY STATIONS

	1985	1990	1995	2000	2004	2005	2006
Railway stations (siding yards) total	205	197	175	171	169	170	170
<i>including the following ones:</i> Passenger stations	1	1	1	1	1	1	1
Marshalling yards	2	2	2	2	2	2	2
Freight stations	33	30	31	30	32	33	33
Central section stations	6	5	4	4	4	4	4
Line stations	163	159	137	134	130	130	130
Railway stations with freight activities	124	122	118	83	76	76	76
Major railway junction depots	6	6	6	6	6	6	6

6. RAILWAY NETWORK

	1985	1990	1995	2000	2004	2005	2006
Total Diesel Locomotives <i>units</i>	365	372	302	239	213	201	197*
<i>including the following types:</i> 2TE10 <i>units</i>	-	15	24	24	24	24	24
M62, 2M62 <i>units</i>	100	146	146	110	102	102	102
ChME-3 <i>units</i>	42	69	67	58	55	55	55
TEP-60, 2TEP-60, TEP-70 <i>units</i>	92	87	56	40	28	17	13
Diesel multiple units <i>units</i>	63	65	63	48	3**	1	1
Electric multiple units <i>units</i>	208	201	183	132	-**	-	-
Diesel locomotive and Diesel multiple unit movements <i>train-km</i> ***	44487,3	43756,7	22890,7	17579,9	13480,4**	13993,1	12288,0
Electric multiple unit movements <i>train-km</i>	25178,3	24016,8	16291,2	11168,3	-**	-	-
Diesel fuel consumption <i>scaled tonnes</i>	226468	207488	90398	86810	96672,7**	99723,8	85698,5

* Including 94 tandem diesel locomotives (47,7%)

** The reducing connected with property contribution in JSC "PV"

*** The train and shunting movements only

8. PASSENGER CAR FLEET

	1985	1990	1995	2000	2004	2005	2006
Passenger coaches total number	612	617	508	270	24*	19	3
<i>including the following types:</i>							
Sleeping cars with sofa berth "RIC"	7	7	3	-	-	-	-
Sleeping cars with sofa berth "SV"	7	9	21	17	-	-	-
Compartment berth cars with hard berth	208	226	199	110	10	6	-
Non-compartment berth cars	283	290	239	109	-	-	-
Sitting cars	15	17	9	8	6	6	-
Restaurant cars	42	30	19	15	4	3	-
Luggage cars	20	18	8	5	-	-	-
Mail/luggage cars	1	1	1	-	-	-	-
Cars "s/t"	5	5	3	2	1	1	1
Service cars	4	3	3	3	2	2	1
Cars for special-technical needs	11	11	3	1	1	1	1
Cars of Electric Multiple Units	431	417	376	283	-**	-	-
Cars of Diesel Multiple Units	198	194	191	152	9**	2	2
Diesel Railcars (Single Units)	-	-	-	1	-**	-	-

* Decrease connected with sale of the cars

** The reducing connected with property contribution in JSC "PV"

9. FREIGHT WAGON FLEET

	1985	1990	1995	2000	2004	2005	2006
Wagons available, total number *	9412	10729	10140	7326	5333	5290	5225
<i>including the following types:</i>							
Boxcars	1692	1956	1586	1398	1337	1327	1308
Flat cars	790	992	1090	883	109	97	95
Gondolas	1303	1883	1767	1462	1186	1183	1163
Tank cars	2378	2325	1813	1311	1222	1222	1220
Refrigerator cars	473	700	603	277	116	112	93
Other	2776	2873	3281	1995	1363	1349	1346

* Fleet at the end of the year

10. COMPARATIVE DATA FOR LATVIAN FREIGHT AND PASSENGER TRAFFIC BY MODE*

PASSENGER JOURNEYS, million

YEAR	Rail	Bus	Air
2001	20,1	169,4	0,3
2002	22,0	173,5	0,3
2003	23,0	179,6	0,4
2004	23,9	195,8	0,7
2005	25,9	221,2	1,2
2006	27,4	208,8	1,6**

PASSENGER TURNOVER, million passenger km

YEAR	Rail	Bus	Air
2001	706	2305	276
2002	744	2361	338
2003	762	2550	424
2004	810	2655	795
2005	894	2891	1478
2006	992	2767	2015**

* The data of the Latvian Central Statistical Bureau

** Provisory

10. COMPARATIVE DATA FOR LATVIAN FREIGHT AND PASSENGER TRAFFIC BY MODE* continuation

FREIGHT VOLUMES, thousand tonnes

YEAR	Rail	Water**	Road	Pipe	Air
2001	37884	–	32299	30611	5
2002	40100	–	36906	23428	5
2003	48355	–	41816	20591	7
2004	51058	–	44247	19409	8
2005	54861	–	51525	20259	10
2006	48731	–	54187	14543	9

FREIGHT TURNOVER, million tonnes-km

YEAR	Rail	Water**	Road	Pipe	Air
2001	14179	–	5359	7524	7
2002	15020	–	6160	5071	10
2003	17955***	–	6763	3150	18
2004	18618***	–	7309	3252	22
2005	19779***	–	8547	3381	31
2006	16831***	–	10936	3628	26

* The data of the Latvian Central Statistical Bureau

** Since 1998 the indicator has been abolished

*** Together with other operators

LATVIAN RAIL NETWORK

