

Statistical Yearbook 2021*

The longest tunnel in Central Europe...

The tunnel through the Ore Mountains (Krušnohorský tunel) on the HSL Prague – Ústí nad Labem – Dresden with its nearly 30 km will be the longest railway tunnel in Central Europe. The planned speed in the tunnel is up to 200 km/h.

High-speed window

Infrastructure

Lines

	Km		
	2021	2020	2019
Length of lines as of 31 December	9,358	9,377	9,396
of which:			
Single track	7,324	7,337	7,372
Double track	1,968	1,981	1,965
More than double track	65	58	59
of which:			
Standard gauge	9,335	9,354	9,373
Narrow gauge	23	23	23
Electrified total	3,215	3,217	3,213
of which:			
Electrified single track	1,260	1,265	1,267
Electrified double track and more	1,955	1,952	1,946
of which:			
Electrified by AC 25 000 V / 50 Hz	1,393	1,383	1,372
Electrified by AC 15 000 V / 16,7 Hz	14	14	14
Electrified by DC 3 000 V	1,784	1,796	1,803
Electrified by DC 1 500 V	24	24	24
Non electrified	6,142	6,159	6,183
of which:			
Non electrified single track	6,064	6,072	6,105
Non electrified double and more track	78	87	78

Equipment

	Amount		
	2021	2020	2019
Number of stations operated with:			
Relay safety equipment	340	348	365
Hybrid safety equipment	29	31	31
Electronic safety equipment	443	417	390
Mechanical or electromechanical safety equipment	419	455	474
Number of operating points with remote control	352	345	332
Total number of level crossings	7,734	7,784	7,825
Total number of bridges	6,719	6,719	6,800
Total length of bridges (m)	154,845	154,422	154,499
Total number of tunnels	166	166	166
Total length of tunnels (m)	54,072	54,072	54,072

Tracks and equipment

	Km		
	2021	2020	2019
As of the end of year			
Track length as of 31 December	15,091	15,189	15,246
Equipped with:			
60 kg weight rails and more per metre	4,622	4,539	4,509
Continuous welded rail (welded section min. 150 m)	10,611	10,451	10,396
According to the max. authorised speed (continuous tracks):			
Under 80 km/h	7,146	7,219	7,274
Between 81 and 120 km/h	3,041	3,003	2,988
Between 121 and 159 km/h	428	411	411
160 km/h and more	856	847	832
Length of lines operated with:			
Train control system	2,320	2,289	2,211
Remote control of operating points	2,199	2,146	2,058
GSM-R	1,903	1,903	1,903
Automatic train operation (AVV)	1,654	1,654	1,645
Length of tracks operated with:			
Automatic block system	3,515	3,560	3,410
Automatic gate system	3,635	3,332	3,185
Relay semi-automatic block system	711	760	799
Gate semi-automatic block system	256	298	311

Track mechanisation

	Amount		
	2021	2020	2019
As of 31 December			
Multi-purpose motor trolleys of all types	348	352	353
Vehicles for overhead line work	83	83	83
Rail snow blowers	48	48	48
Resleeping machines	47	47	47
Powered vehicles for diagnostics and measurement	8	7	7
Other special powered vehicles	36	38	38
Rail trailed trolleys	732	684	640
Rail snow ploughs	11	11	11
Rail vehicles incl. special extensions	194	199	199
Track inspection vehicles	5	4	4

Passenger stations and stops

As of 31 December	2021	2020	2019
Number of stations	2,612	2,612	2,578
of which:			
Stations	1,059	1,082	1,075
Stops	1,553	1,530	1,503
Classification of stations and stops	2,612	2,612	2,578
of which:			
Class A	1	1	1
Class B	14	14	15
Class C	164	162	161
Class D	599	598	594
Class E	1,834	1,837	1,807
Built-up space in station buildings (m³)	8,071,114	8,091,455	8,142,341
Built-up area in stations (m²)	1,039,274	1,033,982	1,037,321
Number of stations and stops with barrier-free entry to buildings and platforms (at least 1 platform)	550	439	347
Number of stations and stops with barrier-free entry only to platforms (at least 1 platform)	739	695	645
Wear and tear of station buildings (%)	33.80	36.10	39.40
Maintenance (CZK mil.)	800	813	683
Investment (CZK mil.)	1,504	895	486

Employees

	Number		
	2021	2020	2019
Average recalculated number of full-time employees	17,215	17,128	17,106
of which:			
Modernisation of railway	618	571	524
Operability of railway	8,313	7,709	7,582
Traffic Management	7,409	7,993	8,092
Number of employees as of 31 December	17,282	17,276	17,136
of which:			
Gender structure of employees			
Male	12,462	12,493	12,396
Female	4,820	4,783	4,740
Age structure of employees			
18-19	23	31	18
20-29	1,459	1,410	1,329
30-39	2,195	2,112	2,017
40-49	4,995	5,216	5,440
50-59	6,558	6,470	6,320
60 and more	2,052	2,037	2,012
Employees structure by educational attainments			
Primary education	439	476	507
Secondary education without school-leaving exam	4,395	4,557	4,609
Secondary education with school leaving exam	9,663	9,601	9,509
Higher professional education	173	155	142
University degree	2,612	2,487	2,369

Transport performance

Gross tonne-kilometres in total (gtkm)

	Billions of gtkm		
	2021	2020	2019
Electric traction	49.942	47.730	52.962
Combined	0.784	0.675	0.582
Diesel traction	9.213	9.004	9.500
TOTAL	59.939	57.409	63.044

Gross tonne-kilometres of freight trains (gtkm)

	Billions of gtkm		
	2021	2020	2019
Electric traction	29.544	28.022	30.517
Combined	0.736	0.644	0.550
Diesel traction	4.255	4.164	4.646
TOTAL	34.534	32.830	35.713

Gross tonne-kilometres of passenger trains (gtkm)

	Billions of gtkm		
	2021	2020	2019
Electric traction	20.398	19.708	22.445
Combined	0.048	0.031	0.032
Diesel traction	4.958	4.840	4.854
TOTAL	25.405	24.579	27.331

Train-kilometres in total (trkm)

	Millions of trkm		
	2021	2020	2019
Electric traction	96.481	94.116	101.324
Combined	0.679	0.590	0.557
Diesel traction	75.145	73.208	73.104
TOTAL	172.304	167.914	174.985

Train-kilometres in freight transport (trkm)

	Millions of trkm		
	2021	2020	2019
Electric traction	27.985	26.513	29.157
Combined	0.545	0.493	0.453
Diesel traction	9.036	8.859	9.268
TOTAL	37.566	35.865	38.878

Train-kilometres in passenger transport (trkm)

	Millions of trkm		
	2021	2020	2019
Electric traction	68.496	67.603	72.167
Combined	0.134	0,097	0.104
Diesel traction	66.108	64.349	63.836
TOTAL	134.738	132.049	136.107

Punctuality

Punctuality of passenger trains

	2021	2020	2019
Number of monitored trains	2,853,484	2,777,986	2,792,795
Number of trains on-time*	2,592,534	2,522,805	2,484,780
Punctuality (%)	90.86	90.81	88.97

Punctuality of freight trains

	2021	2020	2019
Number of monitored trains	485,708	475,001	405,292
Number of trains on-time*	159,935	167,572	171,152
Punctuality (%)	32.93	35.28	42.23

* tolerance of on-time until incl. 5 minutes

Accounts

Balance sheet

	Millions of CZK		
	2021	2020	2019
TOTAL ASSETS	60,889	62,609	63,611
Fixed assets	51,786	54,565	57,104
Intangible fixed assets	226	203	219
Tangible fixed assets	51,560	54,362	56,885
of which: Land	6,766	6,762	6,778
of which: Constructions	36,781	39,211	41,682
Current assets	9,068	8,010	6,443
Inventories	756	630	548
Long-term receivables	5	1	1
Short-term receivables	1,923	2,249	2,104
of which: Trade receivables	969	1,330	1,241
Cash	6,383	5,129	3,790
Deferrals	36	33	64
LIABILITIES AND EQUITY	60,889	62,609	63,611
Equity capital	49,255	51,052	52,365
Registered capital	57,388	57,384	57,367
Funds	692	861	1,013
Retained earnings	(7,264)	(6,018)	(4,940)
Profit/loss for the current period	(1,686)	(1,246)	(1,078)
Liabilities	11,341	11,446	10,984
Provisions	2,523	1,045	1,019
Payables	8,818	10,401	9,965
Long-term payables	2,679	3,115	5,391
of which: Trade payables	68	69	66
of which: Credit payables	0	0	290
Short-term payables	6,139	7,286	4,574
of which: Trade payables	3,262	3,383	2,319
of which: Credit payables	0	0	0
Accruals	293	111	262

Identification and contact details

Profit and loss account

	Millions of CZK		
	2021	2020	2019
Revenues from use of railway infrastructure	3,570	3,282	3,679
Revenues from allocated railway infrastructure capacity	134	126	114
Subsidies from SFTI* for repairs and maintenance of nationwide and regional railway lines	18,509	20,752	19,415
Subsidies from SFTI for repairs and maintenance of passenger station premises	0	0	0
Subsidies from SFTI for the operating of the railway	4,300	2,631	4,253
Subsidies from SFTI co-financed from OPT	0	0	0
Subsidies for railway infrastructure not covered by SFTI	0	320	0
Other subsidies	36	52	40
Správa železnic debt remission as per Resolution No. 1553 of the Government of the Czech Republic from 2005	1,262	584	0
Purchase and sale of electrical energy and distribution services	239	186	238
Materials, energy consumption and services	(14,367)	(18,207)	(15,762)
Personnel expenses	(12,955)	(12,225)	(11,387)
Accounting depreciation	(3,842)	(4,024)	(4,099)
Other operating revenues and expenses	994	4,897	2,787
Operating profit / loss (EBIT)	(2,120)	(1,626)	(722)
Profit / loss from financial operation	(1)	(25)	(12)
Profit / loss before tax (EBT)	(2,121)	(1,651)	(734)
Deferred tax	435	405	(345)
Profit / loss after tax (EAT)	(1,686)	(1,246)	(1,079)
EBITDA	459	1,799	2,106

Investment

	Millions of CZK			21/20
	2021	2020	2019	
Investment grants in total	37,144	29,639	19,603	1.3
Investment grants from the State Fund for Transport Infrastructure	15,114	15,469	11,638	1
Investment grants from EU funds (OPT, CEF, EIB, RRF)	21,995	14,168	7,942	1.6
Investment contributions from municipalities, regions and other entities	32	2	14	16
Other EU funds (except SFTI budget, e.g. IROP*)	3	0	9	0

*IROP – Integrated Regional Operational Programme (EU)

Accidents and incidents

Rail accidents and incidents

	2021	2020	2019
Number of rail accidents and incidents in total	1,014	1,017	1,062
of which:			
Category A (serious accidents)	8	15	13
Category B (accidents)	351	409	411
Category C (incidents)	655	593	638
of which:			
Collisions with road vehicle	151	143	165
Damage caused (millions of CZK)	595	396	319

Figures of rail accidents and incidents according to the Act 181/2006 Coll.

Accidents on road infrastructure

	2021	2020	2019
Number of road accidents investigated by Police of the Czech Republic	99,332	94,794	107,572
Number of killed persons	470	460	547
Number of seriously injured persons	1,624	1,807	2,110
Number of injured persons	20,581	20,880	23,935
Damage caused (estimation) in millions of CZK	6,718	6,016	6,839

Source: Police of the Czech Republic

Organisation's name Established by	Správa železnic, státní organizace Czech Republic (represented by the Ministry of Transport of the Czech Republic)
Date of incorporation Identification number	1 January 2003 70994234
Registration court Registered under	Prague section A, file no. 48384
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