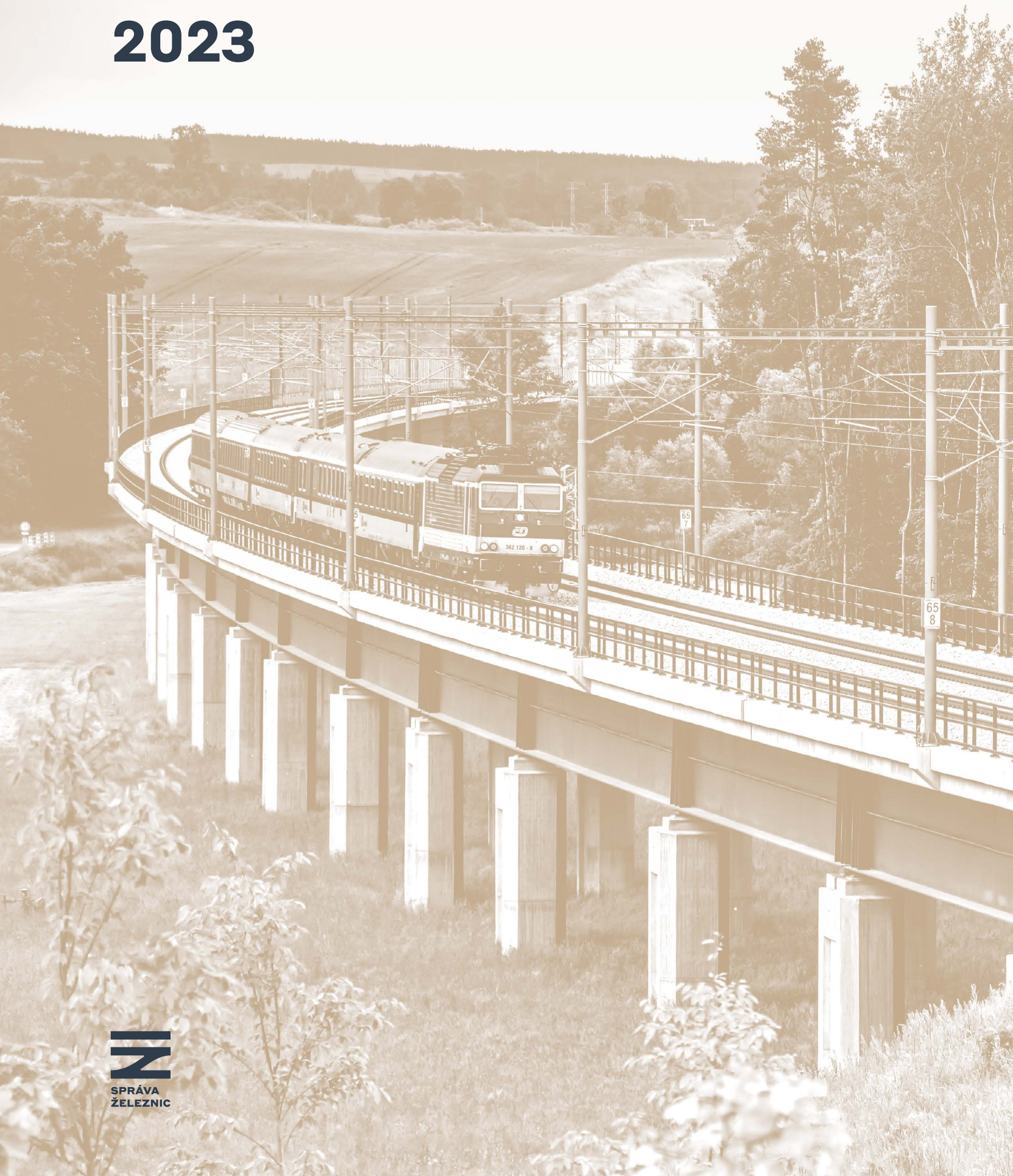


# Statistical Yearbook 2023



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# Infrastructure

## Lines

	Km		
	2023	2022	2021
<b>Length of lines as of 31 December</b>	<b>9,349</b>	<b>9,358</b>	<b>9,377</b>
<i>of which:</i>			
Single track	7,279	7,287	7,324
Double track	2,005	2,003	1,968
More than double track	65	65	65
<i>of which:</i>			
Standard gauge	9,326	9,333	9,335
Narrow gauge	23	23	23
<b>Electrified total</b>	<b>3,258</b>	<b>3,215</b>	<b>3,215</b>
<i>of which:</i>			
Electrified single track	1,267	1,225	1,260
Electrified double track and more	1,991	1,990	1,955
<i>of which:</i>			
Electrified by AC 25,000 V / 50 Hz	1,439	1,438	1,393
Electrified by AC 15,000 V / 16,7 Hz	14	14	14
Electrified by DC 3,000 V	1,781	1,738	1,784
Electrified by DC 1,500 V	24	24	24
<b>Non electrified</b>	<b>6,090</b>	<b>6,140</b>	<b>6,142</b>
<i>of which:</i>			
Non electrified single track	6,012	6,062	6,064
Non electrified double and more track	78	78	78

## Tracks and equipment

	Km		
	2023	2022	2021
<b>Track length as of 31 December Total</b>	<b>15,079</b>	<b>15,102</b>	<b>15,091</b>
<i>of which:</i>			
Running line and main station tracks	11,496	11,502	11,473
<i>of which:</i> equipped with automatic train operation	3,200	3,104	3,127
<i>of which:</i> equipped with ETCS	1,973	1,742	1,008
<i>of which:</i> electrified	5,328	5,279	5,244
<b>Equipped with:</b>			
60 kg weight rails and more per metre	4,776	4,729	4,622
Continuous welded rail (welded section min. 150 m)	10,801	10,706	10,611
<b>According to the max. authorised speed (running tracks):</b>			
Under 80 km/h	7,032	7,071	7,146
Between 81 and 120 km/h	3,068	3,070	3,041
Between 121 and 159 km/h	463	447	428
160 km/h and more	933	915	856
<b>Length of lines operated with:</b>			
Train control system	2,402	2,402	2,320
Remote control of operating points	2,404	2,280	2,199
GSM-R	2,070	1,957	1,903
<b>Length of tracks operated with:</b>			
Automatic block system	3,620	3,608	3,515
Automatic gate system	4,077	3,781	3,635
Relay semi-automatic block system	643	671	711
Gate semi-automatic block system	228	228	256

## Equipment

	Amount		
	2023	2022	2021
<b>Number of stations operated with:</b>			
Relay safety equipment	324	332	340
Hybrid safety equipment	27	27	29
Electronic safety equipment	469	459	443
Mechanical or electromechanical safety equipment	394	400	419
Number of operating points with remote control	375	360	352
<b>Total number of level crossings</b>	<b>7,580</b>	<b>7,646</b>	<b>7,734</b>
<b>Total number of bridges</b>	<b>6,728</b>	<b>6,733</b>	<b>6,719</b>
<b>Total length of bridges (m)</b>	<b>156,052</b>	<b>156,110</b>	<b>154,845</b>
<b>Total number of tunnels</b>	<b>169</b>	<b>169</b>	<b>166</b>
<b>Total length of tunnels (m)</b>	<b>55,940</b>	<b>55,942</b>	<b>54,072</b>

## Passenger stations and stops

As of 31 December	2023	2022	2021
<b>Number of stations</b>	<b>2,631</b>	<b>2,608</b>	<b>2,612</b>
of which:			
Stations	1,065	1,062	1,059
Stops	1,566	1,546	1,553
<b>Classification of stations and stops</b>	<b>2,631</b>	<b>2,608</b>	<b>2,612</b>
of which:			
Class A	1	1	1
Class B	18	18	14
Class C	153	162	164
Class D	603	716	599
Class E	1,856	1,711	1,834
Built-up space in station buildings (m <sup>3</sup> )	7,978,836	8,043,945	8,071,114
Built-up area in stations (m <sup>2</sup> )	1,023,922	1,036,397	1,039,274
Number of stations and stops with barrier-free entry to buildings and platform (at least 1 platform)	677	648	550
Number of stations and stops with barrier-free entry only to platform (at least 1 platform)	787	775	739
Wear and tear of station buildings (%)	30.20	32.00	33.80
Maintenance (CZK mil.)	713.83	602.08	799.82
Investment (CZK mil.)	2,153.98	1,729.49	1,503.89



# Track mechanisation

## Rail vehicles

	Amount		
	2023	2022	2021
<b>As of 31 December</b>			
Multi-purpose motor trolleys of all types	339	337	348
Vehicles for overhead line work	83	83	83
Rail snow blowers	49	49	48
Resleeping machines	46	47	47
Powered vehicles for diagnostics and measurement	8	8	8
Other special powered vehicles	24	24	36
Rail trailed trolleys	725	725	732
Rail snow ploughs	10	11	11
Rail vehicles incl. special extensions	191	194	194
Track inspection vehicles	5	5	5
Electric locomotive Siemens Vectron	1	1	1
Road-rail vehicle Duoliner	1	0	0

# Employees

	Number		
	2023	2022	2021
<b>Average recalculated number of full-time employees</b>	<b>17,021</b>	<b>17,125</b>	<b>17,215</b>
<b>of which:</b>			
Modernisation of railway	650	638	618
Operability of railway	8,136	8,223	8,313
Traffic management	7,142	7,252	7,409
<b>Number of employees as of 31 December</b>	<b>16,893</b>	<b>17,108</b>	<b>17,282</b>
<b>of which:</b>			
<b>Gender structure of employees</b>			
Male	12,156	12,329	12,462
Female	4,737	4,779	4,820
<b>Age structure of employees</b>			
18-19	31	27	23
20-29	1,383	1,430	1,459
30-39	2,336	2,257	2,195
40-49	4,399	4,733	4,995
50-59	6,521	6,590	6,558
60 and more	2,223	2,071	2,052
<b>Employees structure by educational attainments</b>			
Primary education	403	421	439
Secondary education without school-leaving exam	4,201	4,288	4,395
Secondary education with school leaving exam	9,425	9,580	9,663
Higher professional education	198	188	173
University degree	2,666	2,631	2,612

# Transport performance

## Gross tonne-kilometres in total (gtkm)

	Billions of gtkm		
	2023	2022	2021
Electric traction	51.241	53.047	49.942
Combined	0.524	0.701	0.784
Diesel traction	8.403	9.029	9.213
<b>TOTAL</b>	<b>60.169</b>	<b>62.777</b>	<b>59.939</b>

## Gross tonne-kilometres of freight trains (gtkm)

	Billions of gtkm		
	2023	2022	2021
Electric traction	28.195	30.668	29.544
Combined	0.502	0.660	0.736
Diesel traction	3.313	3.873	4.255
<b>TOTAL</b>	<b>32.009</b>	<b>35.201</b>	<b>34.534</b>

## Gross tonne-kilometres of passenger trains (gtkm)

	Billions of gtkm		
	2023	2022	2021
Electric traction	23.047	22.379	20.398
Combined	0.023	0.041	0.048
Diesel traction	5.091	5.156	4.958
<b>TOTAL</b>	<b>28.160</b>	<b>27.576</b>	<b>25.405</b>

## Train kilometres in total (trkm)

	Millions of trkm		
	2023	2022	2021
Electric traction	104.663	101.915	96.481
Combined	0.418	0.607	0.679
Diesel traction	72.112	74.373	75.145
<b>TOTAL</b>	<b>177.193</b>	<b>176.895</b>	<b>172.304</b>

## Train kilometres in freight transport (trkm)

	Millions of trkm		
	2023	2022	2021
Electric traction	27.026	28.472	27.985
Combined	0.347	0.482	0.545
Diesel traction	7.679	8.335	9.036
<b>TOTAL</b>	<b>35.052</b>	<b>37.289</b>	<b>37.566</b>

## Train kilometres in passenger transport (trkm)

	Millions of trkm		
	2023	2022	2021
Electric traction	77.637	73.443	68.496
Combined	0.071	0.125	0.134
Diesel traction	64.433	66.038	66.108
<b>TOTAL</b>	<b>142.141</b>	<b>139.606</b>	<b>134.738</b>

# Punctuality

## Punctuality of passenger trains

	2023	2022	2021
Number of monitored trains	2,828,999	2,832,394	2,853,484
Number of trains on-time*	2,532,891	2,459,101	2,592,534
Punctuality (%)**	89.53	86.82	90.86

\* Tolerance of on-time until incl. 5 minutes.

\*\* In 2022, the decrease was due to extensive repair and maintenance activity on the main corridor network.

## Punctuality of freight trains

	2023	2022	2021
Number of monitored trains	435,789	469,317	485,708
Number of trains on-time*	165,020	148,348	159,935
Punctuality (%)**	37.87	31.61	32.93

\* Tolerance of on-time until incl. 5 minutes.

\*\* The timetable performance in freight transport is primarily influenced by the nature of the "ad hoc" ride and the reliability of carriers in loading. The increase in timetable performance in 2023 is related to the decrease in overall freight performance.

# Accounts

## Balance sheet

	Millions of CZK		
	2023	2022	2021
<b>TOTAL ASSETS</b>	<b>54,474</b>	<b>57,317</b>	<b>60,889</b>
<b>Fixed assets</b>	<b>46,431</b>	<b>48,836</b>	<b>51,786</b>
Intangible fixed assets	152	234	226
Tangible fixed assets	46,279	48,602	51,560
of which: Land	6,795	6,802	6,766
of which: Constructions	32,044	34,322	36,781
<b>Current assets</b>	<b>7,948</b>	<b>8,406</b>	<b>9,068</b>
Inventories	795	816	756
Long-term receivables	7	8	5
Short-term receivables	2,376	2,832	1,923
of which: Trade receivables	1,266	1,459	969
Cash	4,770	4,749	6,383
<b>Deferrals</b>	<b>95</b>	<b>75</b>	<b>36</b>

	Millions of CZK		
	2023	2022	2021
<b>LIABILITIES AND EQUITY</b>	<b>54,474</b>	<b>57,317</b>	<b>60,889</b>
<b>Equity capital</b>	<b>45,981</b>	<b>46,395</b>	<b>49,255</b>
Registered capital	57,600	57,390	57,388
Funds	523	664	817
Retained earnings	(11,659)	(6,339)	(7,264)
Profit/loss for the current period	(483)	(5,320)	(1,686)
<b>Liabilities</b>	<b>8,343</b>	<b>10,731</b>	<b>11,341</b>
<b>Provisions</b>	<b>428</b>	<b>3,335</b>	<b>2,523</b>
<b>Payables</b>	<b>7,915</b>	<b>7,395</b>	<b>8,818</b>
Long-term payables	72	73	2,679
of which: Trade payables	72	73	68
Short-term payables	7,843	7,322	6,139
of which: Trade payables	3,155	4,089	3,262
<b>Accruals</b>	<b>150</b>	<b>191</b>	<b>293</b>

## Profit and loss account

	Millions of CZK		
	2023	2022	2021
Revenues from use of railway infrastructure	3,431	3,559	3,570
Revenues from allocated railway infrastructure capacity	129	137	134
Subsidies from SFTI* for repairs and maintenance of nationwide and regional railway lines	20,000	15,251	18,509
Subsidies from SFTI for the operating of the railway	4,990	3,100	4,300
Other subsidies	65	48	36
Správa železnic debt remission as per Resolution No. 1553 of the Government of the Czech Republic from 2005	0	0	1,262
Purchase and sale of electrical energy and distribution services	304	160	239
Materials, energy consumption and services	(14,404)	(11,698)	(14,367)
Personnel expenses	(14,404)	(13,707)	(12,955)
Accounting depreciation	(3,281)	(3,709)	(3,842)
Other operating revenues and expenses	2,689	1,540	994
<b>Operating profit/loss (EBIT)</b>	<b>(481)</b>	<b>(5,319)</b>	<b>(2,120)</b>
<b>Profit/loss from financial operation</b>	<b>(2)</b>	<b>(1)</b>	<b>(1)</b>
<b>Profit/loss before tax (EBT)</b>	<b>(483)</b>	<b>(5,320)</b>	<b>(2,121)</b>
Deferred tax	0	0	435
<b>Profit/loss after tax (EAT)</b>	<b>(483)</b>	<b>(5,320)</b>	<b>(1,686)</b>

\* SFDI – State Fund for Transport Infrastructure



## Investment

	Millions of CZK			23/22
	2023	2022	2021	
<b>Investment grants in total</b>	<b>38,991</b>	<b>42,584</b>	<b>37,144</b>	<b>0.9</b>
Investment grants from the State Fund for Transport Infrastructure	22,844	16,795	15,114	1.4
Investment grants from EU funds (OPT, CEF, EIB, RRF)	16,063	25,753	21,995	0.6
Investment contributions from municipalities, regions and other entities	0	36	32	0.0
Other EU funds (except SFDI budget, e.g. IROP*)	84	0	3	0

\* IROP – Integrated Regional Operational Programme (EU)

# Rail Accidents and Incidents

## Rail Accidents and Incidents

	2023	2022	2021
<b>Number of rail accidents and incidents in total</b>	<b>999</b>	<b>1,086</b>	<b>1,014</b>
<i>of which:</i>			
Category A (serious accidents)	4	7	8
Category B (accidents)	409	419	351
Category C (incidents)	586	660	655
<i>of which:</i>			
Collisions with road vehicle	148	151	151
Damage caused (millions of CZK)	536	688	595

Figures of rail accidents and incidents according to the Act 181/2006 Coll. and the Decree 376/2006 Coll.

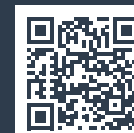
## Accidents on road infrastructure

	2023	2022	2021
Number of road accidents investigated by Police of the Czech Republic	94,945	98,460	99,332
Number of killed persons	455	454	470
Number of seriously injured persons	1,751	1,734	1,624
Number of injured persons	23,936	22,452	20,581
Damage caused by road accidents (estimation) in millions of CZK	7,686	7,542	6,718

Source: Police of the Czech Republic

# Map of railway network

Interactive map of Správa železnic



# Identification and contact details

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Organisation's name Founder	Správa železnic, státní organizace Czech Republic (the Ministry of Transport of the Czech Republic being entrusted with the function of the organisation's founder)
Date of incorporation Identification number	1 January 2003 70994234
Registration court Registered under	Prague Section A, File No. 48384
Registered office	Praha 1 – Nové Město, Dlážděná 1003/7, Postcode 110 00, Czech Republic
Phone E-mail	+420 800 210 021 info@spravazeleznic.cz
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