Russian Railwavs

Sustainable development management

Environmental aspect

Managerial aspect

- **Employees of Russian Railways** with Personal Protective Equipment and Cleansers;
- Health and Safety Rules in the Maintenance of High-Speed and Ultra High-Speed Railway Lines of Russian Railways;
- Standards for Free Provision of Workwear, Footwear and Other Personal Protective Equipment to Employees of Russian Railways:
- Standards for Free Provision of Skincare Personal Protective Equipment and Cleansers to Employees of Russian Railways;

of the Company's branches assessed

assessment, defining the acceptable

Analysis and Assessment for Russian

professional risks for the main

by conducting an integral

risk levels and making lists

types of hazardous occupations

of unacceptable and undesirable

Railways Employees automated

The results of the assessment across

at the regional level and summarised

structural units were then rated

system. The applied approach

enables predictive evaluation

of professional risks.

110

risks via the Occupational Risk

GRI 403-2

- Rules for Determining the Protection Level of Personal Protective Equipment Depending on the Identified Hazards; Determining High-Visibility
- Protection Classes and Selecting Background Fluorescent Material Colours to Make Personal Protective Equipment for Russian Railways' Employees; Recommendations
- on Ensuring Compliance with the Requirements for Working Conditions of Russian Railways' **Employees Working in Extreme Temperatures During Cold** Seasons;
- Methodological Recommendations on Mentorship in Health, Environmental, Industrial and Fire Safety at Russian Railwavs:
- Methodological Recommendations on Working at Height Safely.

Occupational injuries



The consistent policy of Russian Railwavs in health and safety seeks to ensure zero fatal occupational injuries caused by employees. The Company engages in comprehensive efforts to prevent accidents and occupational diseases.

Workplace injury rates continue to go down at Russian Railways. Workplace injuries sustained through the fault of employees/employer

The workplace injury frequency rate with respect to injuries sustained through the fault of employees/ employer (Form No. 7 (Injuries)

sustained through the fault of employees/employer (Form



• Total injuries

Incl. severe injuries

Incl. fatalities

in risk matrices for the main types of hazardous occupations. Forecast In 2023, the structural units risks were evaluated for the main

Analysis and assessment of occupational risks

Based on the evaluation across the Company's branches, ten types of incidents with unacceptable and undesirable risk levels were identified. Also, the most injuryprone occupations were pinpointed.

groups of hazardous occupations.

Based on the assessment, the structural units developed activities to manage occupational risks as part of the Health and Safety Improvement Programme for 2023.

the Company's branches carried out workplace risk assessment to identify hazards and evaluate risks in the workplace. In 2023, the working group on the development of the occupational risk management system at Russian Railways compiled a Standard Register of Hazards.

As required by labour laws,

rzd.ru ⊐

¹ Data based on Federal Statistical Observation Form No. 7 (Injuries): Occupational Injury and Occupational Disease Data (in line with the instructions on the completion of federal statistical observation forms)

Workplace injury rates at Russian Railways in 2019-2023 (injuries No. 7 (Injuries))

29

20

15

16

23

22

(according to Form No. 7 (Injuries)¹) decreased by 27% from 106 in 2019 to 77 in 2023, includina:

- fatalities down by 9% (from 22 to 20 injuries);
- severe injuries down by 24% (from 38 to 29 injuries);
- minor injuries down by 39% (from 46 to 28 iniuries).

– number of injuries per 1,000 workers) shrank by 22% between 2019 and 2023 (from 0.149 to 0.116).

Out of 1,419 units of Russian Railways' branches most prone to injuries 1,315 units (92%) recorded zero fatalities and 977 units (69%) recorded zero injuries in over five years, and 1,199 units (84%) recorded zero fatalities and 619 units (44%) recorded zero injuries in over ten vears.

The workplace injury frequency rate at Russian **Railways is six times lower than the average** in Russia

Workplace fatal injury frequency rate at Russian Railways in 2019–2023 (injuries sustained through the fault of employees/ employer, Form No. 7 (Injuries))

0,149	0, 145	0,139	0,136	0,116
0,031	0,033	0,024	0,023	0.03
2019	2020	2021	2022	2023
 Total workplace injury frequency rate 		• Fatal injury frequency rate		

Environmental aspect

Managerial aspect

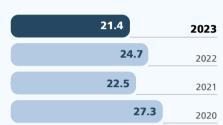
Group injury rates at Russian Railways in 2019–2023 (Form No. 7 (Injuries))



- Total injuries
- Including fatal injuries
- Including group accidents

The number of group accidents over the past five years (from 2019 to 2023) decreased by 61% (from 13 to 8 cases), and the total number of injuries went down by 62% (from 29 to 18 injuries), with 90% of group injuries over the five-year period sustained not through the fault of employees/employer.

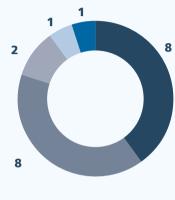
Lost time injury rates in 2019-2023



23.1

The lost time rate, which is a measure of the number of lost working days per 1,000 workers (due to workplace injuries), was down 9% y-o-y.





- Hit by rolling stock
- Electrocution

2019

- Falls from heights
- Hit by falling/collapsing cargo/materials
- Hit by rebounding items

Primary causes of occupational iniuries are:

- poor procedures of, and control over, operations;
- violations of operational procedures;
- violations of labour and operating discipline.



Following each severe or fatal injury involving a Russian Railways employee, all Company branches receive updates about the injury and its causes. Each fatality is reviewed by branch managers, with development of preventive steps and identification of employees who caused the accident.

Injuries of contractors

Accidents involving contractors at Russian Railways sites are at all times reviewed by the Company. However, due to its size and structure, Russian Railways keeps no records of contractors' injuries. The procedure of contractor authorisation is always aligned with the Company's in-house regulations.

Prevention of occupational injuries

Health and safety management mode depending on occupational injury rates

branches continued introducing contingency health and safety management modes depending to prevent occupational injuries.



112

rzd.ru ⊐

Control over health and safety management system

As part of its control over health and safety management in 2023, the Company held:

• five targeted inspections (at the Central Directorate for Telecommunications, Central Directorate for Track Overhauls, Central Directorate for Terminal and Warehouse Management, Central Directorate for Multiple Unit Trains, and South Urals Railway);

• three due diligence checks at the Gorky, East-Siberian, and Far Eastern railways;

• two internal audits

(at Transenergo and the Central Directorate for Passenger Service).

The results of these control measures were reported to and reviewed by senior executives of the units under review, with summary reports submitted to heads of relevant

branches, corrective measures put in place, and disciplinary action taken against employees who caused violations of health and safety requirements.

Public control over health and safety compliance

The Company has positions of a health and safety officer of the primary trade union organisation of Russian Railways. In 2023, there were a total of 12,700 health and safety officers at the Company.

Those of them who are strongly engaged in measures to ensure the safety of Russian Railways employees are recognised as the Best Health and Safety Officers in Railway Industry. In 2023, this title was awarded to 48 employees of Russian Railways branches based on their performance in 2022.