

Switzerland

Network Status Reports



TYPE OF TOOL
*Methodology/
Guidelines/
Requirements*



MAIN SECTOR
Transport



INFRASTRUCTURE GOVERNANCE PILLARS
*Evidence-informed decision making;
Asset performance throughout its life*

In a nutshell



OBJECTIVE: The Network Status Reports evaluate the state of the national highway and railway infrastructure and form a key basis for planning of maintenance measures.



Agency in charge
Federal Office of Transport; Federal Roads Office



Levels of government
National



Year of implementation
2016



Current status
Fully operational

Overview

Monitoring assets at different lifecycle stages against performance standards can help make informed choices about investment for upgrades, maintenance and replacement of assets. In Switzerland, the Network Status Reports illustrates the state of national highway and railway infrastructure. In order to plan and prioritize maintenance or renewal work and ad hoc financial needs for railway infrastructure, infrastructure managers regularly identify the condition of the rail network. They do so in accordance with uniform requirements, criteria and indicators (Railway Technical Regulation 29900 RTE 29900). Facilities are evaluated primarily in terms of the actual or remaining period of use and the phase of the life cycle in which the corresponding facility is located. This results in five state classes, ranging from 1 (new condition requiring no special measurement) to 5 (critical condition requiring immediate action). The security requirements are always met, regardless of the state class considered. Although a Class 5 installation has exceeded its normal service life, it still meets the safety requirements. The Federal Office of Transport (FOT) consolidates the various reports prepared by the companies in order to obtain a high-quality, comprehensive and easily understandable overview of the state of the railway infrastructure in Switzerland. Infrastructure managers are responsible for operating efficiently and maintaining the quality of infrastructure. In addition, the Confederation expects infrastructure managers to achieve the following objectives: i) Ensuring security; ii) Ensuring availability, resilience and quality of the network; iii) Optimal and non-discriminatory use of existing capacity; iv) Long-term preservation of infrastructure value; and v) High productivity and efficient management of available resources. In order to better measure the degree of achievement of objectives, the Confederation has defined indices for selected objectives. The FOT verifies the extent to which the objectives have been achieved and can then make recommendations for adjustments and, if necessary, lay down corrective measures. The indices not only allow comparisons between infrastructure managers (benchmarking) but also form the basis for drawing up performance agreements for the following period. Similarly, the Federal Roads Office publishes the National Highway Status Reports to give a transparent overview of the current state of the national road network and the medium-term financial requirements for ensuring its availability, functionality and safety.

REFERENCES:

- [Federal Office of Transport, Rapport sur l'état du réseau.](#)
- [Federal Roads Office, Rapport d'état des routes nationales.](#)