

Directive (EU) 2016/798 of the European Parliament and of the Council
of 11 May 2016 on railway safety (recast) (Text with EEA relevance)

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ANNEX I

COMMON SAFETY INDICATORS

Common safety indicators (CSIs) shall be reported annually by the...

If new facts or errors are discovered after the submission...

Common definitions for the CSIs and methods to calculate the...

1. Indicators relating to accidents
 - 1.1. Total and relative (to train-kilometres) number of serious accidents and...
 - 1.2. Total and relative (to train-kilometres) number of persons seriously injured...
2. Indicators relating to dangerous goods
3. Indicators relating to suicides
4. Indicators relating to precursors of accidents
5. Indicators to calculate the economic impact of accidents
6. Indicators relating to technical safety of infrastructure and its implementation...
 - 6.1. Percentage of tracks with Train Protection Systems (TPSs) in operation...

6.2. Number of level crossings (total, per line kilometre and track...

Appendix

Common definitions for the CSIs and methods
of calculating the economic impact of accidents

1. Indicators relating to accidents
 - 1.1. 'significant accident' means any accident involving at least one rail...
 - 1.2. 'significant damage to stock, track, other installations or environment' means...
 - 1.3. 'extensive disruptions to traffic' means that train services on a...
 - 1.4. 'train' means one or more railway vehicles hauled by one...
 - 1.5. 'collision of train with rail vehicle' means a front to...
 - 1.6. 'collision of train with obstacle within the clearance gauge' means...
 - 1.7. 'derailment of train' means any case in which at least...
 - 1.8. 'level crossing accident' means any accident at level crossings involving...
 - 1.9. 'accident to persons involving rolling stock in motion' means accidents...
 - 1.10. 'fire in rolling stock' means a fire or explosion that...
 - 1.11. 'other (accident)' means any accident other than a collision of...
 - 1.12. 'passenger' means any person, excluding a member of the train...
 - 1.13. 'employee or contractor' means any person whose employment is in...
 - 1.14. 'level crossing user' means any person using a level crossing...
 - 1.15. 'trespasser' means any person present on railway premises where such...
 - 1.16. 'other person at a platform' means any person at a...
 - 1.17. 'other person not at a platform' means any person not...
 - 1.18. 'death (killed person)' means any person killed immediately or dying...
 - 1.19. 'serious injury (seriously injured person)' means any person injured who...
2. Indicators relating to dangerous goods
 - 2.1. 'accident involving the transport of dangerous goods' means any accident...
 - 2.2. 'dangerous goods' means those substances and articles the carriage of...
3. Indicators relating to suicides
 - 3.1. 'suicide' means an act to deliberately injure oneself resulting in...
 - 3.2. 'attempted suicide' means an act to deliberately injure oneself resulting...
4. Indicators relating to precursors of accidents
 - 4.1. 'broken rail' means any rail which is separated in two...
 - 4.2. 'track buckle or other track misalignment' means any fault related...
 - 4.3. 'wrong side signalling failure' means any technical failure of a...
 - 4.4. 'Signal Passed at Danger when passing a danger point' means...
 - 4.5. 'Signal Passed at Danger without passing a danger point' means...
 - 4.6. 'broken wheel on rolling stock in service' means a break...
 - 4.7. 'broken axle on rolling stock in service' means a break...
5. Common methodologies to calculate the economic impact of accidents
 - 5.1. The Value of Preventing a Casualty (VPC) is composed of:...
 - 5.2. Common principles to appraise the value of safety per se...
 - 5.3. Definitions
 - 5.3.1. 'Cost of damage to environment' means costs that are to...
 - 5.3.2. 'Cost of material damage to rolling stock or infrastructure' means...
 - 5.3.3. 'Cost of delays as a consequence of accidents' means the...

6. Indicators relating to technical safety of infrastructure and its implementation...
 - 6.1. 'Train Protection System (TPS)' means a system that helps to...
 - 6.2. 'On-board systems' mean systems assisting the driver to observe line-side...
 - 6.3. 'level crossing' means any level intersection between a road or...
 - 6.4. 'road' means, for the purpose of railway accident statistics, any...
 - 6.5. 'passage' means any route, other than a road, provided for...
 - 6.6. 'passive level crossing' means a level crossing without any form...
 - 6.7. 'active level crossing' means a level crossing where the crossing...
7. Definitions of the scaling bases
 - 7.1. 'train-km' means the unit of measure representing the movement of...
 - 7.2. 'passenger-km' means the unit of measure representing the transport of...
 - 7.3. 'line km' means the length measured in kilometres of the...
 - 7.4. 'track km' means the length measured in kilometres of the...

ANNEX II

NOTIFICATION OF NATIONAL SAFETY RULES

National safety rules notified in accordance with point (a) of...
rules concerning existing national safety targets and safety
methods; rules...

ANNEX III

REQUIREMENTS AND ASSESSMENT CRITERIA FOR ORGANISATIONS APPLYING FOR AN ECM CERTIFICATE OR FOR A CERTIFICATE IN RESPECT OF MAINTENANCE FUNCTIONS OUTSOURCED BY AN ENTITY IN CHARGE OF MAINTENANCE

The organisation management must be documented in all relevant
parts...

The following basic requirements shall be applied to the four...

1. Leadership commitment to the development and
implementation of the...

ANNEX IV

PART A

Repealed Directive with a list of the successive amendments thereto

PART B

Time limits for transposition into national law

ANNEX V

Signature

- (1) [OJ C 327, 12.11.2013, p. 122.](#)
- (2) [OJ C 356, 5.12.2013, p. 92.](#)
- (3) Position of the European Parliament of 26 February 2014 (not yet published in the Official Journal) and position of the Council at first reading of 10 December 2015 ([OJ C 57, 12.2.2016, p. 64.](#))
Position of the European Parliament of 28 April 2016 (not yet published in the Official Journal).
- (4) Directive 2004/49/EC of the European Parliament and of the Council of 29 April 2004 on safety on the Community's railways and amending Council Directive 95/18/EC on the licensing of railway undertakings and Directive 2001/14/EC on the allocation of railway infrastructure capacity and the levying of charges for the use of railway infrastructure and safety certification ([OJ L 164, 30.4.2004, p. 44.](#))
- (5) Directive (EU) 2016/797 of the European Parliament and of the Council of 11 May 2016 on the interoperability of the rail system within the European Union (see page 44 of this Official Journal).
- (6) Regulation (EU) 2016/796 of the European Parliament and of the Council of 11 May 2016 on the European Union Agency for Railways and repealing Regulation (EC) No 881/2004 (see page 1 of this Official Journal).
- (7) Directive 2008/57/EC of the European Parliament and of the Council of 17 June 2008 on the interoperability of the rail system within the Community ([OJ L 191, 18.7.2008, p. 1.](#))
- (8) Directive 2008/68/EC of the European Parliament and of the Council of 24 September 2008 on the inland transport of dangerous goods ([OJ L 260, 30.9.2008, p. 13.](#))
- (9) Regulation (EU) No 182/2011 of the European Parliament and of the Council of 16 February 2011 laying down the rules and general principles concerning mechanisms for control by Member States of the Commission's exercise of implementing powers ([OJ L 55, 28.2.2011, p. 13.](#))