

Data Form for reporting CSI 2015 data (in 2016)

Field Nr.	Data Code	Description of data	Data format	Value
0. Reporting country details				
C	CC	Reporting country	ISO 3166 alpha-2 country code (except for Channel Tunnel (CT), Greece (EL) and the United Kingdom (UK))	PL ▼
Y	YY	Reporting year		2015 ▼
1. Indicators relating to accidents				
1.1 Total number of significant accidents and a break-down for the following types of accidents				
1	N00	Total number of significant accidents	Numeric value	307
2	N01	Collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	3
3	N011	Collisions of train with rail vehicle	Numeric value	0
4	N012	Collisions of train with obstacle within the clearance gauge	Numeric value	3
5	N02	Derailments of trains	Numeric value	9
6	N03	Level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	74
7	N031	Level crossing accidents on passive LCs	Numeric value	35
8	N032	Level crossing accidents on manual LCs	Numeric value	10
9	N033	Level crossing accidents on LCs automatic with user-side warning	Numeric value	12
10	N034	Level crossing accidents on LCs automatic with user-side protection	Numeric value	12
11	N035	Level crossing accidents on rail-side protected LCs	Numeric value	0
12	N04	Accidents to persons caused by rolling stock in motion, with the exception of suicides and attempted suicides	Numeric value	218
13	N05	Fires in rolling stock	Numeric value	0
14	N06	Other accidents	Numeric value	3
1.2 Persons seriously injured and killed by type of accident and by category of person				
1.2.1a. Persons seriously injured - all persons				
15	TS00	Total number in all accidents	Numeric value	93
16	TS01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	2
17	TS011	In collisions of train with rail vehicle	Numeric value	0
18	TS012	In collisions of train with obstacle within the clearance gauge	Numeric value	2
19	TS02	In derailments of trains	Numeric value	0
20	TS03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	41
21	TS04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	49
22	TS05	In fires in rolling stock	Numeric value	0
23	TS06	In others	Numeric value	1
1.2.1b. Passengers seriously injured				
24	PS00	Total number in all accidents	Numeric value	6
25	PS01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	2
26	PS011	In collisions of train with rail vehicle	Numeric value	0
27	PS012	In collisions of train with obstacle within the clearance gauge	Numeric value	2
28	PS02	In derailments of trains	Numeric value	0
29	PS03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
30	PS04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	4
31	PS05	In fires in rolling stock	Numeric value	0
32	PS06	In others	Numeric value	0
1.2.1c. Employees or contractors seriously injured				
33	SS00	Total number in all accidents	Numeric value	4
34	SS01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	0
35	SS011	In collisions of train with rail vehicle	Numeric value	0
36	SS012	In collisions of train with obstacle within the clearance gauge	Numeric value	0
37	SS02	In derailments of trains	Numeric value	0
38	SS03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	2
39	SS04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	1
40	SS05	In fires in rolling stock	Numeric value	0
41	SS06	In others	Numeric value	1
1.2.1d. Level-crossing users seriously injured				
42	LS00	Total number in all accidents	Numeric value	39
43	LS01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	0
44	LS011	In collisions of train with rail vehicle	Numeric value	0
45	LS012	In collisions of train with obstacle within the clearance gauge	Numeric value	0
46	LS02	In derailments of trains	Numeric value	0
47	LS03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	39
48	LS04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	0
49	LS05	In fires in rolling stock	Numeric value	0

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50	LS06	In others	Numeric value	0
1.2.1e. Trespassers seriously injured				
51	US00	Total number in all accidents	Numeric value	43
52	US01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	0
53	US011	In collisions of train with rail vehicle	Numeric value	0
54	US012	In collisions of train with obstacle within the clearance gauge	Numeric value	0
55	US02	In derailments of trains	Numeric value	0
56	US03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
57	US04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	43
58	US05	In fires in rolling stock	Numeric value	0
59	US06	In others	Numeric value	0
1.2.1f. Other persons seriously injured				
60	OS00	Total number in all accidents	Numeric value	1
61	OS01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	0
62	OS011	In collisions of train with rail vehicle	Numeric value	0
63	OS012	In collisions of train with obstacle within the clearance gauge	Numeric value	0
64	OS02	In derailments of trains	Numeric value	0
65	OS03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
66	OS04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	1
67	OS05	In fires in rolling stock	Numeric value	0
68	OS06	In others	Numeric value	0
1.2.1g. Other persons on platform seriously injured				
69	OSP00	Total number in all accidents	Numeric value	0
70	OSP011	In collisions of train with rail vehicle	Numeric value	0
71	OSP012	In collisions of train with obstacle within the clearance gauge	Numeric value	0
72	OSP02	In derailments of trains	Numeric value	0
73	OSP03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
74	OSP04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	0
75	OSP05	In fires in rolling stock	Numeric value	0
76	OSP06	In others	Numeric value	0
1.2.1h. Other persons not on platform seriously injured				
77	OSE00	Total number in all accidents	Numeric value	0
78	OSE011	In collisions of train with rail vehicle	Numeric value	0
79	OSE012	In collisions of train with obstacle within the clearance gauge	Numeric value	0
80	OSE02	In derailments of trains	Numeric value	0
81	OSE03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
82	OSE04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	1
83	OSE05	In fires in rolling stock	Numeric value	0
84	OSE06	In others	Numeric value	0
1.2.2a. Persons killed by type of accident - all persons				
85	TK00	Total number in all accidents	Numeric value	227
86	TK01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	0
87	TK011	In collisions of train with rail vehicle	Numeric value	0
88	TK012	In collisions of train with obstacle within the clearance gauge	Numeric value	0
89	TK02	In derailments of trains	Numeric value	0
90	TK03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	53
91	TK04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	174
92	TK05	In fires in rolling stock	Numeric value	0
93	TK06	In others	Numeric value	0
1.2.2b. Passengers killed				
94	PK00	Total number in all accidents	Numeric value	3
95	PK01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	0
96	PK011	In collisions of train with rail vehicle	Numeric value	
97	PK012	In collisions of train with obstacle within the clearance gauge	Numeric value	
98	PK02	In derailments of trains	Numeric value	0
99	PK03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
100	PK04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	3
101	PK05	In fires in rolling stock	Numeric value	0
102	PK06	In others	Numeric value	0
1.2.2c. Employees or contractors killed				
103	SK00	Total number in all accidents	Numeric value	3
104	SK01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	0
105	SK011	In collisions of train with rail vehicle	Numeric value	
106	SK012	In collisions of train with obstacle within the clearance gauge	Numeric value	

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107	SK02	In derailments of trains	Numeric value	0
108	SK03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
109	SK04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	3
110	SK05	In fires in rolling stock	Numeric value	0
111	SK06	In others	Numeric value	0
1.2.2d. Level-crossing users killed				
112	LK00	Total number in all accidents	Numeric value	53
113	LK01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	0
114	LK011	In collisions of train with rail vehicle	Numeric value	
115	LK012	In collisions of train with obstacle within the clearance gauge	Numeric value	
116	LK02	In derailments of trains	Numeric value	0
117	LK03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	53
118	LK04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	0
119	LK05	In fires in rolling stock	Numeric value	0
120	LK06	In others	Numeric value	0
1.2.2e. Trespassers killed				
121	UK00	Total number in all accidents	Numeric value	166
122	UK01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	0
123	UK011	In collisions of train with rail vehicle	Numeric value	
124	UK012	In collisions of train with obstacle within the clearance gauge	Numeric value	
125	UK02	In derailments of trains	Numeric value	0
126	UK03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
127	UK04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	166
128	UK05	In fires in rolling stock	Numeric value	0
129	UK06	In others	Numeric value	0
1.2.2f. Other persons killed				
130	OK00	Total number in all accidents	Numeric value	2
131	OK01	In collisions of trains, including collisions with obstacles within the clearance gauge	Numeric value	0
132	OK011	In collisions of train with rail vehicle	Numeric value	
133	OK012	In collisions of train with obstacle within the clearance gauge	Numeric value	
134	OK02	In derailments of trains	Numeric value	0
135	OK03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
136	OK04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	2
137	OK05	In fires in rolling stock	Numeric value	0
138	OK06	In others	Numeric value	0
1.2.2g. Other persons on platform killed				
139	OKP00	Total number in all accidents	Numeric value	0
140	OKP011	In collisions of train with rail vehicle	Numeric value	0
141	OKP012	In collisions of train with obstacle within the clearance gauge	Numeric value	0
142	OKP02	In derailments of trains	Numeric value	0
143	OKP03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
144	OKP04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	0
145	OKP05	In fires in rolling stock	Numeric value	0
146	OKP06	In others	Numeric value	0
1.2.2h. Other persons not on platform killed				
147	OKE00	Total number in all accidents	Numeric value	0
148	OKE011	In collisions of train with rail vehicle	Numeric value	0
149	OKE012	In collisions of train with obstacle within the clearance gauge	Numeric value	0
150	OKE02	In derailments of trains	Numeric value	0
151	OKE03	In level-crossing accidents, including accidents involving pedestrians at level-crossings	Numeric value	0
152	OKE04	In accidents to persons caused by rolling stock in motion, with the exception of suicides	Numeric value	0
153	OKE05	In fires in rolling stock	Numeric value	0
154	OKE06	In others	Numeric value	0
2. Indicators relating to dangerous goods				
155	N18	Total number of accidents involving at least one railway vehicle transporting dangerous goods	Numeric value	1
156	N19	Accidents involving at least one railway vehicle transporting dangerous goods in which dangerous goods are NOT released	Numeric value	1
157	N20	Accidents involving at least one railway vehicle transporting dangerous goods in which dangerous goods ARE released	Numeric value	0
3. Indicators relating to suicides				
158	N07	Suicides	Numeric value	88
159	N08	Attempted suicides	Numeric value	7
4. Indicators relating to precursors to accidents				
160	I00	Total number of precursors	Numeric value	1764
161	I01	Broken rails	Numeric value	1635

Field Nr.	Data Code	Description of data	Data format	Value
162	I02	Track buckles and other track misalignments	Numeric value	48
163	I03	Wrong-side signalling failures	Numeric value	18
164	I04	Signals passed at danger	Numeric value	62
165	I041	Signals passed at danger when passing a danger point	Numeric value	62
166	I042	Signals passed at danger without passing a danger point	Numeric value	0
167	I05	Broken wheels on rolling stock in service	Numeric value	0
168	I06	Broken axles on rolling stock in service	Numeric value	1
5. Indicators to calculate the economic impact of accidents				
169	C00	Economic impact of ALL accidents	Numeric value in €	
170	C03	Cost of material damages to rolling stock or infrastructure (all accidents)	Numeric value in €	
171	C07	Cost of damage to the environment (all accidents)	Numeric value in €	
172	C04	Cost of delays as a consequence of all accidents	Numeric value in €	
173	C05	Minutes of delays of passenger trains (all accidents)	Numeric value (minutes)	
174	C06	Minutes of delays of freight trains (all accidents)	Numeric value (minutes)	
175	C10	Economic impact of significant accidents ONLY	Numeric value in €	163372767
176	C01	Economic impact of fatalities	Numeric value in €	142147400
177	C02	Economic impact of serious injuries	Numeric value in €	7941355
178	C13	Cost of material damages to rolling stock or infrastructure (significant accidents)	Numeric value in €	3194099
179	C17	Cost of damage to the environment (significant accidents)	Numeric value in €	3290
180	C14	Cost of delays as a consequence of significant accidents	Numeric value in €	10086623
181	C15	Minutes of delays of passenger trains (significant accidents)	Numeric value (minutes)	78682
182	C16	Minutes of delays of freight trains (significant accidents)	Numeric value (minutes)	88462
6. Indicators relating to technical safety of infrastructure and its implementation				
6.1 Train Protection Systems (TPSs)				
183	TP01	Percentage of tracks with Train Protection Systems (TPSs) in operation providing warning	Numeric value (%) (67% = 0.67)	
184	TP02	Percentage of tracks with Train Protection Systems (TPSs) in operation providing warning and automatic stop	Numeric value (%) (67% = 0.67)	
185	TP03	Percentage of tracks with Train Protection Systems (TPSs) in operation providing warning and automatic stop and discrete supervision of speed	Numeric value (%) (67% = 0.67)	
186	T01	Percentage of tracks with Automatic Train Protection (ATP) in operation	Numeric value (%) (67% = 0.67)	0,81%
187	TT01	Percentage of train kilometers run with Train Protection Systems (TPSs) in operation providing warning	Numeric value (%) (67% = 0.67)	
188	TT02	Percentage of train kilometers run with Train Protection Systems (TPSs) in operation providing warning and automatic stop	Numeric value (%) (67% = 0.67)	
189	TT03	Percentage of train kilometers run with Train Protection Systems (TPSs) in operation providing warning and automatic stop and discrete supervision of speed	Numeric value (%) (67% = 0.67)	
190	T02	Percentage of train kilometres using operational ATP systems	Numeric value (%)	
6.2 Level crossings				
191	T03	Total number of level crossings (active and passive)	Numeric value	13251
192	T06	Total number of active level crossings	Numeric value	5172
193	T07	with automatic user-side warning	Numeric value	1383
194	T081	with automatic user side protection	Numeric value	0
195	T08	with automatic user-side protection	Numeric value	0
196	T09	with automatic user-side protection and warning	Numeric value	513
197	T10	with automatic user-side protection and warning, and rail-side protection	Numeric value	656
198	T15	Manual	Numeric value	2620
199	T11	with manual user-side warning	Numeric value	60
200	T12	with manual user-side protection	Numeric value	999
201	T13	with manual user-side protection and warning	Numeric value	1561
202	T14	Total number of passive level crossings	Numeric value	8079
M. Indicators relating to the management of safety				
203	A01	Total number of accomplished audits	Numeric value	794
204	A02	Percentage of audits accomplished /required (and/or planned).	Numeric value (%)	82%
R.T. Reference data traffic and infrastructure				
205	R01	Total number of Train km	Numeric value (in million train-km)	224,957
206	R05	Passenger train km	Numeric value (in million train-km)	145,588
207	R06	Freight train km	Numeric value (in million train-km)	74,107
208	R04	Other train km	Numeric value (in million train-km)	5,262
209	R02	Number of passenger km	Numeric value (in million passenger-km)	16336,680
210	R07	Number of freight tonne km	Numeric value (in million tonne-km)	46374,320
211	R08	Number of line kilometres	Numeric value (in km)	19274,000
212	R03	Number of track kilometres	Numeric value (in km)	37547,000