

COMMISSION REGULATION (EC) No 332/2007**of 27 March 2007****on the technical arrangements for the transmission of railway transport statistics****(Text with EEA relevance)**

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Regulation (EC) No 91/2003 of the European Parliament and of the Council of 16 December 2002 on rail transport statistics ⁽¹⁾, and in particular Article 6(2) thereof,

Whereas:

- (1) It is necessary to specify the format in which rail transport data are to be transmitted to the Commission (Eurostat) in sufficient detail to ensure that the data can be processed rapidly and in a cost-effective way.
- (2) The measures provided for in this Regulation are in accordance with the opinion of the Statistical Programme Committee, set up by Decision 89/382/EEC, Euratom ⁽²⁾,

HAS ADOPTED THIS REGULATION:

Article 1

The technical format for the transmission of data to the Commission (Eurostat) shall be as set out in the Annex.

Member States shall use this format for the data concerning reference year 2007 and subsequent years.

Article 2

The data and metadata supplied pursuant to Regulation (EC) No 91/2003 shall be transmitted in electronic format to the single entry point for data at the Commission (Eurostat) by any organisation designated by the national authorities. Transmission shall conform to an appropriate interchange standard specified by Eurostat.

Article 3

This Regulation shall enter into force on the 20th day following its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 27 March 2007.

For the Commission

Joaquín ALMUNIA

Member of the Commission

⁽¹⁾ OJ L 14, 21.1.2003, p. 1. Regulation as amended by Commission Regulation (EC) No 1192/2003 (OJ L 167, 4.7.2003, p. 13).

⁽²⁾ OJ L 181, 28.6.1989, p. 47.

ANNEX

TECHNICAL FORMAT FOR DATA TRANSMISSION

1. DATA STRUCTURE

The individual data records to be sent to Eurostat for each quarter, year or period of five years, comprise 9 datasets, each corresponding to an annex of Regulation (EC) No 91/2003. These datasets thus contain the following data:

- annual statistics on goods transport — detailed reporting (Annex A),
- annual statistics on goods transport — simplified reporting (Annex B),
- annual statistics on passenger transport — detailed reporting (Annex C),
- annual statistics on passenger transport — simplified reporting (Annex D),
- quarterly statistics on goods and passenger transport (Annex E),
- quinquennial regional statistics on goods and passenger transport (Annex F),
- quinquennial statistics on traffic flows on the rail network (Annex G),
- statistics on accidents (Annex H),
- a list of the railway undertakings for which statistics are provided (Annex I).

Annexes B and D set out simplified reporting requirements that may be used by Member States as an alternative to the normal detailed reporting set out in Annexes A and C, for undertakings below the thresholds laid down in Article 4(2) of Regulation (EC) No 91/2003.

2. LIST OF FIELDS

Pursuant to Regulation (EC) No 91/2003, one dataset has to be provided for each annex in the form of a flat file using the semi-colon ';' as a field separator. Each dataset, except dataset C, must contain data for all mandatory tables required by the annex. For each dataset, the number of fields in each record is fixed. In other words, all fields must be present even if they are empty (two successive field separators indicate an empty field).

The individual fields are described below as follows:

- Field number: this identifies the position of the field in the record,
- Field name: this either refers to a variable in Regulation (EC) No 91/2003, or to an internal identifier used to identify the record,
- Description: short description of the contents of the field,
- Coding: in tables A2 and A4 certain fields are to be coded according to Annexes J to K of Regulation (EC) No 91/2003. Additional coding rules are noted here. Further explanations and recommendations on coding are provided by Eurostat in the Guidelines for the implementation of Regulation (EC) No 91/2003,

- Field type: indicates whether the field contains a numeric quantity or a text string, all numeric quantities are to be provided as integers,

- Maximum length: the maximum expected length of the data for a particular field. Data that are too long cannot be loaded,

- Confidentiality flag (FlagC) indicates if the record is considered confidential by the Member State (Council Regulations (EC) No 322/97 ⁽¹⁾, Article 13(1) and (Euratom, EEC) No 1588/90 ⁽²⁾, Article 2),

- Flag of authorisation for dissemination of confidential data (FlagD) indicates if confidential data provided by the Member States can be disseminated (Council Regulations (EC) No 322/97, Article 13(2) and (Euratom, EEC) No 1588/90, Article 5(4)). Hence, the Commission is legally permitted to change the Member State's judgment in well-defined cases. This is done by changing FlagD=1 to FlagD=0 when FlagC=1.

Dataset for Annex A: Annual statistics on goods transport — detailed reporting

Field number	Field name	Description	Coding	Field type	Max length	Specific codes for missing values
1	RCount	Reporting country	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	
2	DsetID	Dataset identifier	A1 to A9	Text	2	
3	Year	Year of the dataset	4 digits	Text	4	
4	Period	Reference period	A0	Text	2	
5	TransID	Type of transport	0: total transport 1: national transport 2: international transport — total 3: international transport — outgoing 4: international transport — incoming 5: transit transport	Text	1	
6	Goods	Type of goods	annex J of the Regulation	Text	2	
7	DGoods	Type of dangerous goods	annex K of the Regulation	Text	3	
8	LDG	Country of loading	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	XX
9	UNL	Country of unloading	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	XX
10	Consgmt	Type of consignment	1: full trainloads 2: full wagonloads 3: other 9: unknown	Text	1	
11	TTU	Type of transport Unit	1: containers and swap bodies 2: semi-trailers (unaccompanied) 3: road vehicles (accompanied) 9: unknown	Text	1	

⁽¹⁾ OJ L 52, 22.2.1997, p. 1.

⁽²⁾ OJ L 151, 15.6.1990, p. 1.

Field number	Field name	Description	Coding	Field type	Max length	Specific codes for missing values
12	Tonnes	Total goods transport	Tonnes	Numeric	10	
13	Tkm	Total goods transport in 1 000 tonne-kilometres	1 000 Tonnes-km	Numeric	10	
14	NbrITU	Number of Intermodal transport unit	Number of ITU	Numeric	8	
15	TeuITU	Intermodal transport units carried in TEU	TEU	Numeric	8	
16	TrainKM	Goods train movement in 1 000 km	1 000 Train-km	Numeric	8	
17	FlagC	Confidentiality flag	1: confidential 0: not confidential	Text	1	
18	FlagD	Flag of authorisation for dissemination	1: dissemination not authorised 0: dissemination authorised	Text	1	

In the flat file containing the data for Annex A, each record comprises 18 fields. The following table shows in grey the fields that have to be provided for the different tables of Annex A. The white cells correspond to blank fields in the record. An asterisk indicates a key field. The combination of the values of the key fields for a record must constitute a unique key value within the file. If duplicate key values are found, the file will not be loaded correctly.

Field number	Field name	DsetID								
		A1	A2	A3	A4	A5 ⁽¹⁾	A6	A7	A8	A9
1	RCount	*	*	*	*	*	*	*	*	*
2	DsetID	*	*	*	*	*	*	*	*	*
3	Year	*	*	*	*	*	*	*	*	*
4	Period	*	*	*	*	*	*	*	*	*
5	TransID	*		*			*	*	*	
6	Goods		*							
7	DGoods				*					
8	LDG			*						
9	UNL			*						
10	Consgmt					*				
11	TTU									
12	Tonnes									
13	Tkm									
14	NbrITU									
15	TeuITU									
16	TrainKM									
17	FlagC									
18	FlagD									

⁽¹⁾ Table A5 is an optional table.

Dataset for Annex B: Annual statistics on goods transport — simplified reporting

Field number	Field name	Description	Coding	Field type	Max length	Specific codes for missing values
1	RCount	Reporting country	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	
2	DsetID	Dataset identifier	B1 to B2	Text	2	
3	Year	Year of the dataset	4 digits	Text	4	
4	Period	Reference period	A0	Text	2	
5	TransID	Type of transport	0: total transport 1: national transport 2: international transport — total 3: international transport — outgoing 4: international transport — incoming 5: transit transport	Text	1	
6	Tonnes	Total goods transport	Tonnes	Numeric	10	
7	Tkm	Total goods transport in 1 000 tonne-kilometres	1 000 Tonnes-km	Numeric	10	
8	TrainKm	Goods train movement in 1 000 train-km	1 000 Train-km	Numeric	8	
9	FlagC	Confidentiality flag	1: confidential 0: not confidential	Text	1	
10	FlagD	Flag of authorisation for dissemination	1: dissemination not authorised 0: dissemination authorised	Text	1	

In the flat file containing the data for Annex B, each record comprises 10 fields. The following table shows in grey the fields that have to be provided for each of the two tables of Annex B. The white cells correspond to blank fields in the record. An asterisk indicates a key field. The combination of the values of the key fields for a record must constitute a unique key value within the file. If duplicate key values are found, the file will not be loaded correctly.

Field number	Field name	DsetID	
		B1	B2
1	RCount	*	*
2	DsetID	*	*
3	Year	*	*
4	Period	*	*
5	TransID	*	
6	Tonnes		
7	Tkm		
8	TrainKM		
9	FlagC		
10	FlagD		

Dataset for Annex C: Annual statistics on passenger transport — detailed reporting

Field number	Field name	Description	Coding	Field type	Max length	Specific codes for missing values
1	RCount	Reporting country	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	
2	DsetID	Dataset identifier	C1 to C5	Text	2	
3	Year	Year of the dataset	4 digits	Text	4	
4	Period	Reference period	A0	Text	2	
5	TransID	Type of transport	1: national transport 2: international transport — total 3: international transport — outgoing 4: international transport — incoming	Text	1	
6	LDG	Country of embarkation	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	XX
7	UNL	Country of disembarkation	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	XX
8	Pass	Total passenger transport	Passengers	Numeric	10	
9	Passkm	Total passenger transport in 1 000 passenger-kilometres	1 000 pkm	Numeric	10	
10	TrainKm	Passengers train movements in 1 000 train-km	1 000 Train-km	Numeric	8	
11	FlagC	Confidentiality flag	1: confidential 0: not confidential	Text	1	
12	FlagD	Flag of authorisation for dissemination	1: dissemination not authorised 0: dissemination authorised	Text	1	

In the flat file containing the data for Annex C, each record comprises of 12 fields. The following table shows in grey the fields that have to be provided for the different tables of Annex C. The white cells correspond to blank fields in the record. An asterisk indicates a key field. The combination of the values of the key fields for a record must constitute a unique key value within the file. If duplicate key values are found, the file will not be loaded correctly.

Provisional (tables C1 and C2) and final consolidated data (tables C3 and C4) are to be sent at different times following the same structure.

Field Number	Field name	DsetID				
		C1 (1)	C2 (1)	C3 (2)	C4 (2)	C5
1	RCount	*	*	*	*	*
2	DsetID	*	*	*	*	*
3	Year	*	*	*	*	*
4	Period	*	*	*	*	*

Field Number	Field name	DsetID				
		C1 ⁽¹⁾	C2 ⁽¹⁾	C3 ⁽²⁾	C4 ⁽²⁾	C5
5	TransID	* 1 & 2	* 3 & 4	* 1 & 2	* 3 & 4	
6	LDG		*		*	
7	UNL		*		*	
8	Pass					
9	Passkm					
10	TrainKM					
11	FlagC					
12	FlagD					

⁽¹⁾ Provisional data.

⁽²⁾ Final consolidated data.

Dataset for Annex D: Annual statistics on passenger transport — simplified reporting

Field number	Field name	Description	Coding	Field type	Max length	Specific codes for missing values
1	RCount	Reporting country	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	
2	DsetID	Dataset identifier	D1 to D2	Text	2	
3	Year	Year of the dataset	4 digits	Text	4	
4	Period	Reference period	A0	Text	2	
5	Pass	Total passenger transport	Passengers	Numeric	10	
6	Passkm	Total passenger transport in 1 000 passenger-kilometres	1 000 pkm	Numeric	10	
7	TrainKm	Passenger train movements in 1 000 train-km	1 000 Train-km	Numeric	8	
8	FlagC	Confidentiality flag	1: confidential 0: not confidential	Text	1	
9	FlagD	Flag of authorisation for dissemination	1: dissemination not authorised 0: dissemination authorised	Text	1	

In the flat file containing the data for Annex D, each record comprises of 9 fields. The following table shows in grey the fields that have to be provided for each of the two tables of Annex D. The white cells correspond to blank fields in the record. An asterisk indicates a key field. The combination of the values of the key fields for a record must constitute a unique key value within the file. If duplicate key values are found, the file will not be loaded correctly.

Field number	Field name	DsetID	
		D1	D2
1	RCount	*	*
2	DsetID	*	*
3	Year	*	*

Field number	Field name	DsetID	
		D1	D2
4	Period	*	*
5	Pass		
6	Passkm		
7	TrainKM		
8	FlagC		
9	FlagD		

Dataset for Annex E: Quarterly statistics on goods and passenger transport

Field number	Field name	Description	Coding	Field type	Max length	Specific codes for missing values
1	RCount	Reporting country	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	
2	DsetID	Dataset identifier	E1 to E2	Text	2	
3	Year	Year of the dataset	4 digits	Text	4	
4	Period	Reference period	Q1 to Q4	Text	2	
5	Tonnes	Total goods transport	Tonnes	Numeric	10	
6	Tkm	Total goods transport in 1 000 tonne-kilometres	1 000 Tonnes-km	Numeric	10	
7	Pass	Total passenger transport	Passengers	Numeric	10	
8	Passkm	Total passenger transport in 1 000 passenger-kilometres	1 000 pkm	Numeric	10	
9	FlagC	Confidentiality flag	1: confidential 0: not confidential	Text	1	
10	FlagD	Flag of authorisation for dissemination	1: dissemination not authorised 0: dissemination authorised	Text	1	

In the flat file containing the data for Annex E, each record comprises 10 fields. The following table shows in grey the fields that have to be provided for each of the two tables of Annex E. The white cells correspond to blank fields in the record. An asterisk indicates a key field. The combination of the values of the key fields for a record must constitute a unique key value within the file. If duplicate key values are found, the file will not be loaded correctly.

Field number	Field name	DsetID	
		E1	E2
1	RCount	*	*
2	DsetID	*	*
3	Year	*	*
4	Period	*	*
5	Tonnes		

Field number	Field name	DsetID	
		E1	E2
6	Tkm		
7	Pass		
8	Passkm		
9	FlagC		
10	FlagD		

Dataset for Annex H: Statistics on accidents

Field number	Field name	Description	Coding	Field type	Max length	Specific codes for missing values
1	RCount	Reporting country	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	
2	DsetID	Dataset identifier	H1 to H4	Text	2	
3	Year	Year of the dataset	4 digits	Text	4	
4	Period	Reference period	A0	Text	2	
5	AccID	Type of accident	1: Collisions 2: Derailments 3: Accidents involving level crossings 4: Accidents to persons caused by rolling stock in motion 5: Fire in rolling stock 6: Others 7: Total 9: Unknown	Text	1	
6	PersID	Category of person	1: Passengers 2: Employees 3: Others 4: Total [5: Level-crossing users] [6: Unauthorised persons on railway premises] 9: Unknown	Text	1	
7	NbAccSign	Number of significant accidents	Number	Numeric	8	
8	NbAccInj	Number of serious injury accidents	Number	Numeric	8	
9	NbAccDGIn	Number of accident involving the transport of dangerous goods	Number	Numeric	8	
10	NbAccDGRe	Number of accident releasing dangerous goods	Number	Numeric	8	
11	NbPersK	Number of persons killed	Number	Numeric	8	
12	NbPersI	Number of persons seriously injured	Number	Numeric	8	

In the flat file containing the data for Annex H, each record comprises 12 fields. The following table shows in grey the fields that have to be provided for each table of Annex H. The white cells correspond to blank fields in the record. An asterisk indicates a key field. The combination of the values of the key fields for a record must constitute a unique key value within the file. If duplicate key values are found, the file will not be loaded correctly.

The table contains two further categories of persons that may be required in future: '5: Level-crossing users'; and: '6: Unauthorised persons on railway premises'.

Field number	Field name	DsetID			
		H1	H2	H3	H4
1	RCount	*	*	*	*
2	DsetID	*	*	*	*
3	Year	*	*	*	*
4	Period	*	*	*	*
5	AccID	*		*	*
6	PersID			*	*
7	NbAccSign				
8	NbAccInj ⁽¹⁾				
9	NbAccDGIn				
10	NbAccDGRe				
11	NbPersK				
12	NbPersI				

⁽¹⁾ Number of serious injury accidents (NbAccInj) is an optional variable in table H1.

Dataset for Annex I

Field number	Field name	Description	Coding	Field type	Max length	Specific codes for missing values
1	RCount	Reporting country	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	
2	DsetID	Dataset identifier	I1	Text	2	
3	Year	Year of the dataset	4 digits	Text	4	
4	UCode	Undertaking code (constant over years)	ISO-3166-alpha2 nomenclature except 'UK' for the United Kingdom + 3-digit number	Text	5	XX
5	UName	Name of undertaking		Text	100	
6	CountID	Country in which undertaking is based	ISO-3166-alpha2 nomenclature except 'UK' for United Kingdom	Text	2	XX
7	IntFret	Freight transport activity: international	1: YES 0: NO	Text	1	

Field number	Field name	Description	Coding	Field type	Max length	Specific codes for missing values
8	Natfret	Freight transport activity: national	1: YES 0: NO	Text	1	
9	Intpass	passenger transport activity: international	1: YES 0: NO	Text	1	
10	Natpass	passenger transport activity: national	1: YES 0: NO	Text	1	
11	DsetA	Data included in Annex A	1: YES 0: NO	Text	1	
12	DsetB	Data included in Annex B	1: YES 0: NO	Text	1	
13	DsetC	Data included in Annex C	1: YES 0: NO	Text	1	
14	DsetD	Data included in Annex D	1: YES 0: NO	Text	1	
15	DsetE	Data included in Annex E	1: YES 0: NO	Text	1	
16	DsetF	Data included in Annex F	1: YES 0: NO	Text	1	
17	DsetG	Data included in Annex G	1: YES 0: NO	Text	1	
18	DsetH	Data included in Annex H	1: YES 0: NO	Text	1	
19	Tonnes	Total freight transport (in tonnes)	Tonnes	Numeric	10	
20	Tkm	Total freight transport (1 000 tkm)	1 000 Tonne-kilometre	Numeric	10	
21	Pass	Total passenger transport (in passenger)	Number of passengers	Numeric	10	
22	Passkm	Total passenger transport (1 000 passenger-km)	1 000 passenger-km	Numeric	10	

In the flat file containing the data for Annex I, each record comprises of 22 fields. The following table shows all fields in grey because there is only one table in Annex I. Optional fields may be left empty. An asterisk indicates a key field. The combination of the values of the key fields for a record must constitute a unique key value within the file. If duplicate key values are found, the file will not be loaded correctly.

Field number	Field name	DsetID I1
1	RCount	*
2	DsetID	*
3	Year	*

Field number	Field name	DsetID 11
4	UCode	*
5	UName ⁽¹⁾	
6	CountID	
7	IntFret	
8	Natfret	
9	Intpass	
10	Natpass	
11	DsetA	
12	DsetB	
13	DsetC	
14	DsetD	
15	DsetE	
16	DsetF	
17	DsetG	
18	DsetH	
19	Tonnes ⁽²⁾	
20	Tkm ⁽³⁾	
21	Pass ⁽⁴⁾	
22	Passkm ⁽⁵⁾	

⁽¹⁾ Name of undertaking (UName) is an optional variable.

⁽²⁾ Total freight transport (in tonnes) is an optional variable.

⁽³⁾ Total freight transport (in 1 000 tkm) (Tkm) is an optional variable.

⁽⁴⁾ Total passenger transport (in passengers) (Pass) is an optional variable.

⁽⁵⁾ Total passenger transport (in 1 000 pkm) (Passkm) is an optional variable.

3. MISSING VALUES

For certain fields, Eurostat may recommend the use of specific codes for missing values or other special values (see column 'specific codes for missing values').

Additional information is provided in the Guidelines for the implementation of Regulation (EC) No 91/2003.

4. ALTERNATIVE STANDARD FORMATS

Member States may use other standard formats which support the abovementioned data structures, where these are proposed by Eurostat.

5. VALIDATION OF DATA BY EUROSTAT

Eurostat will apply some validation checks to the data transmitted by Member States, before the data are loaded into the production database. Where a significant number of records fail these checks, Eurostat will notify the Member State of the records in error and indicate the reasons for non-acceptance. The Member State will be requested to rectify the errors noted and then to re-submit the complete dataset (not just the records that were in error). This procedure is necessary in order to guarantee the correctness of the data within and between different datasets.

6. NAMING OF DATASET FILE

The following file naming convention must be used:

'RAIL_annex_frequency_CC_YYYY_period[_OptionalField].format' where:

RAIL	For RAIL data
Annex	Dataset identification (i.e. Annex of the Regulation): A: Annual statistics on goods transport — detailed reporting B: Annual statistics on goods transport — simplified reporting C: Annual statistics on passenger transport — detailed reporting D: Annual statistics on passenger transport — simplified reporting E: Quarterly statistics on goods and passenger transport F: Regional statistics on goods and passenger transport G: Statistics on traffic flows on the rail network H: Statistics on accidents I: List of Railway undertakings
Frequency	A for Annual Q for Quarterly 5 for every five years
CC	Reporting country: use ISO3166-alpha2 except 'UK' for United Kingdom
YYYY	Year of reference (e.g. 2004)
Period	'0000' for Annual '0001' for the first quarter '0002' for the second quarter '0003' for the third quarter '0004' for the fourth quarter '0005' for quinquennial
[_OptionalField]	Can contain any chain of 1 to 220 characters (only 'A' to 'Z', '0' to '9' or '_' are allowed). This field is not interpreted by Eurostat tools.
.format	File format: (e.g. 'CSV' for Comma Separated Value, 'GES' for GESMES)

One file has to be sent for each annex of the Regulation and period.

Example:

The file 'RAIL_E_Q_FR_2004_0002.csv' is the data file that contains the data from France for Annex E of the Regulation, covering the second quarter of the year 2004.

7. TRANSMISSION METHOD

Data shall be transmitted or uploaded by electronic means to the single entry point for data at Eurostat. This method assures the secure transmission of confidential data.