NSA reporting of CSI data

Quick Guide

15 May 2025

EUROPEAN
UNION
AGENCY
FOR RAILWAYS

Purpose/scope

- This presentation outlines the new arrangements the Agency is putting in place to facilitate the work of the NSAs in reporting CSI data, following the ERAIL disconnection.

- On the extranet (Extranet > Safety > NSA - National Safety Authorities > Common Safety Indicators) several data forms/templates (one for each NSA) have been uploaded.

- Each NSA should download the relevant 2024 CSI data form, fill it in, and once the form is validated (as explained in the next slides), it should be re-uploaded on the extranet (or sent to us by email)

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Purpose/scope

- The data forms/templates are based on the same structure and layout of the 2023 data CSI form used last year and downloaded from ERAIL.

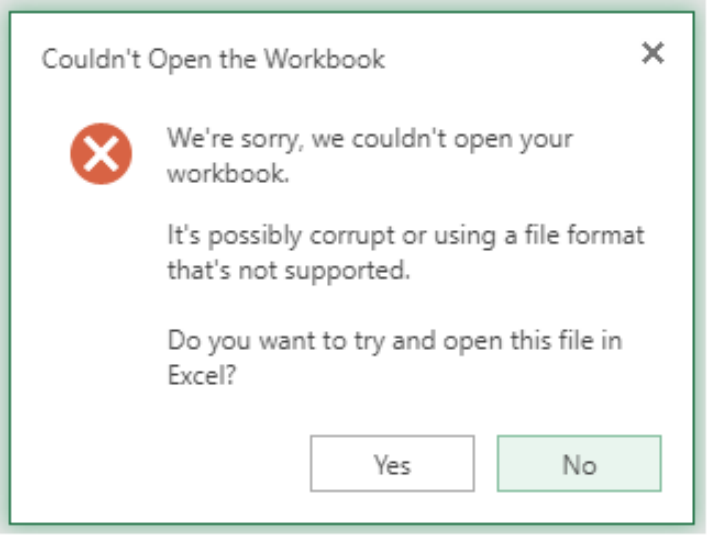
- Simple Excel Macros and/or VBA codes are embedded in the forms for automatic guidance and validation of the data. Once all the data are provided (and validated) it will be possible to download several histograms/graphs (similar to the ones provided previously via ERAIL)

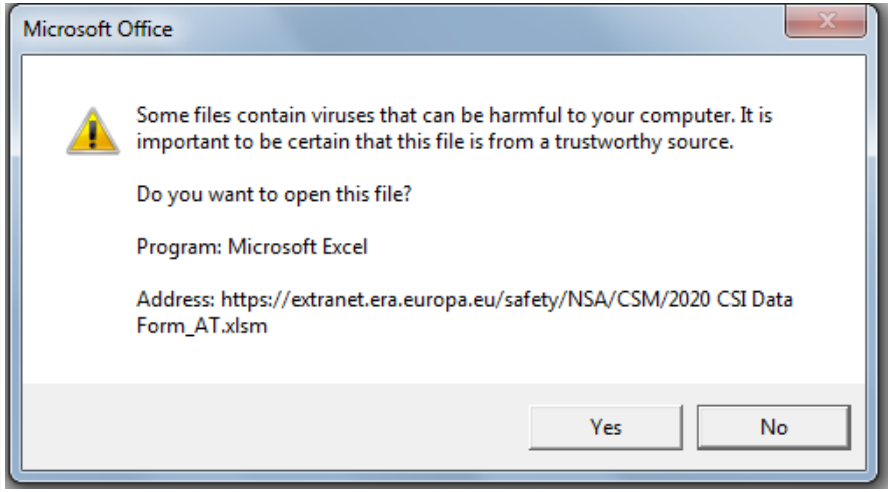
- The proposed excel forms/templates were tested in May and updated as necessary.

- Excel-files for all NSAs are available now in the mentioned extranet library (Extranet > Safety > NSA - National Safety Authorities > Common Safety Indicators) to allow you to fulfil **the reporting obligations by 30 September**

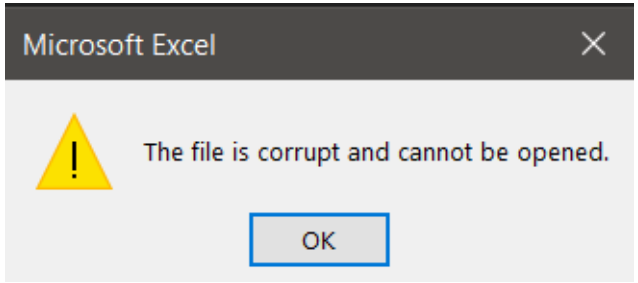
Structure and use of the forms

Since macros/vba codes are embedded in the files, it will not be possible to open the forms with the web-based excel directly from the extranet





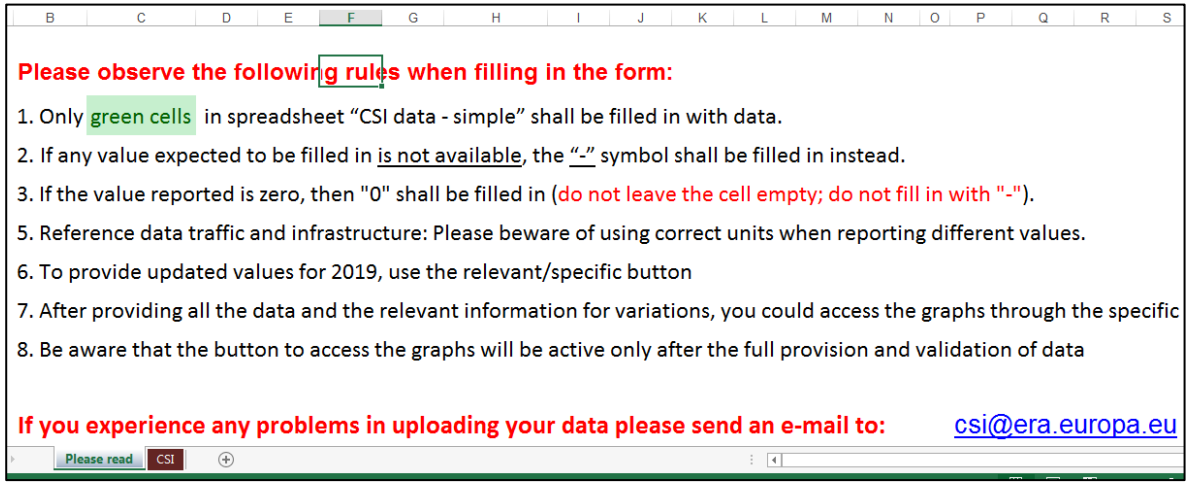
Depending on the (security) settings from your side, it is possible that you will be forced to download the file on your laptop, in order to use/open it



Structure and use of the forms

Once you open the 2024 CSI form, two sheets will be visible:

- The **"Please read"** sheet (with the rules to fill the form)



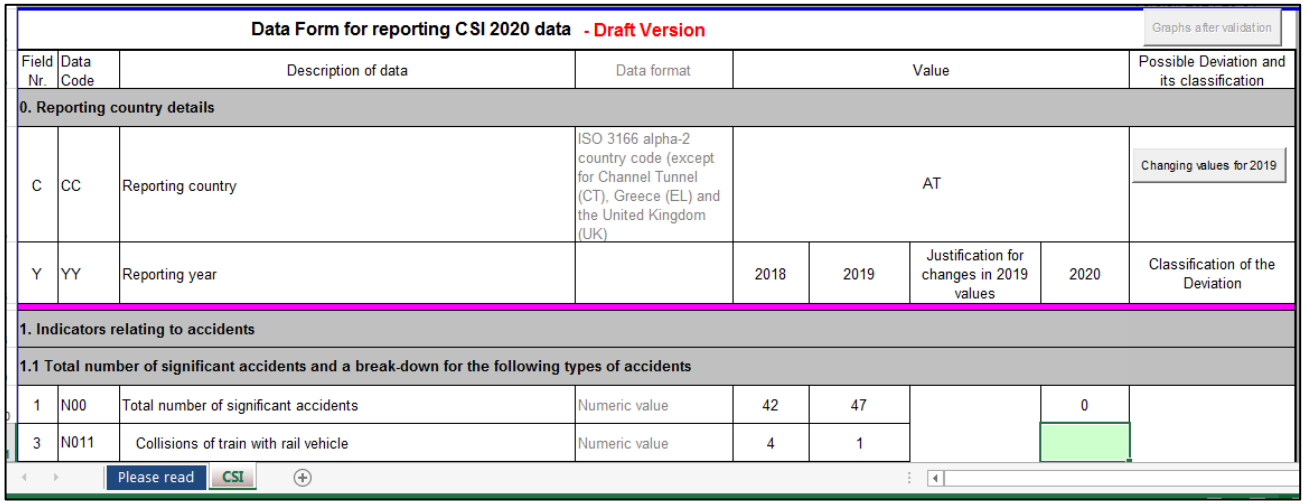
Please observe the following rules when filling in the form:

1. Only green cells in spreadsheet "CSI data - simple" shall be filled in with data.
2. If any value expected to be filled in is not available, the "-" symbol shall be filled in instead.
3. If the value reported is zero, then "0" shall be filled in (do not leave the cell empty; do not fill in with "-").
5. Reference data traffic and infrastructure: Please beware of using correct units when reporting different values.
6. To provide updated values for 2019, use the relevant/specific button
7. After providing all the data and the relevant information for variations, you could access the graphs through the specific
8. Be aware that the button to access the graphs will be active only after the full provision and validation of data

If you experience any problems in uploading your data please send an e-mail to: csi@era.europa.eu

Please read | CSI

- The "**CSI**" sheet, where you can provide the CSI data



Data Form for reporting CSI 2020 data - Draft Version

Graphs after validation

Field Nr.	Data Code	Description of data	Data format	Value				Possible Deviation and its classification
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)	AT				Changing values for 2019
Y	YY	Reporting year		2018	2019	Justification for changes in 2019 values	2020	Classification of the Deviation
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	42	47		0	
3	N011	Collisions of train with rail vehicle	Numeric value	4	1			

Please read | CSI

Before filling the forms (enabling macros)

- As the forms are macro-enabled excel files, before filling them, you should have the permissions to run excel macros on your local machine. To check if macros/buttons are properly working, click on the button “Changing values for 2023” (cell K5 in sheet “CSI”). You should get a pop-up message; if so click Cancel. In case the message does not appear, macros are disabled on your pc.

- In case the macros embedded in the file are not running on your pc, you may check the macro setting as follows:

  - In Excel, click the File tab.
  - Click Options.
  - Click Trust Center, and then click Trust Center Settings.
  - In the Trust Center, click Macro Settings. In that page you can visualize/understand if macros and VBA codes are enabled/disabled.

- If macros are disabled, and you are not allowed to modify the setting by yourself, you should contact your IT administrator/colleagues in order to trust the ERA certificate (ERA signed the macros) and allow macros.

Main rules when filling the forms

Main rules when filling the forms:

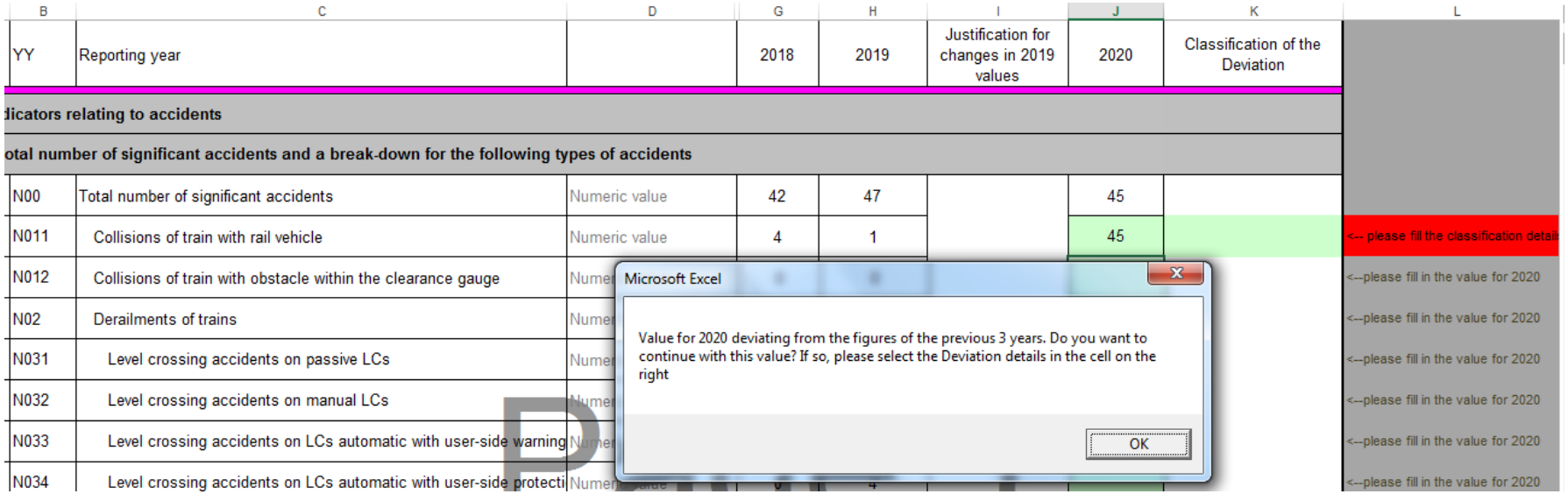
- Only green cells in spreadsheet “CSI” shall be filled in with data.
- The “-” symbol shall be filled for missing values.
- If the value reported is zero, then "0" shall be filled in.
- The form allows providing updated values for 2023, by using the relevant/specific button “Changing values for 2023” at the top-right of sheet “CSI”.

After providing all the data and the relevant information for variations, you could access the graphs through the specific button “Graphs after validation” at the top-right (cell K2) of sheet “CSI”.

Be aware that the button to access the graphs will be active only after the full provision and validation of data.

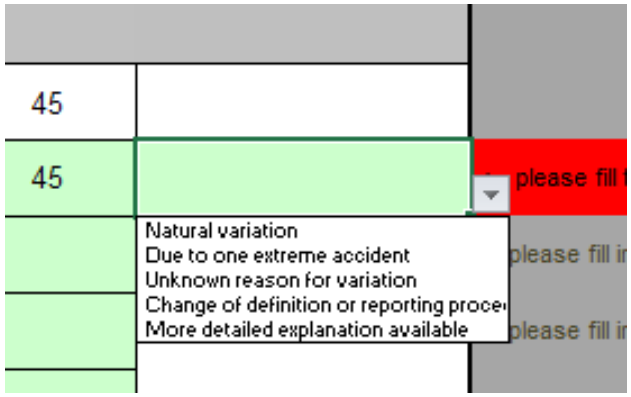
Filling the forms

- If the value for 2024 deviates from the values of the previous (three) years, a pop-up message will ask you to provide a classification for the deviation.



B	C	D	G	H	I	J	K	L
YY	Reporting year		2018	2019	Justification for changes in 2019 values	2020	Classification of the Deviation	
dicators relating to accidents								
otal number of significant accidents and a break-down for the following types of accidents								
N00	Total number of significant accidents	Numeric value	42	47		45		
N011	Collisions of train with rail vehicle	Numeric value	4	1		45		<-- please fill the classification detail
N012	Collisions of train with obstacle within the clearance gauge	Numer						<--please fill in the value for 2020
N02	Derailments of trains	Numer						<--please fill in the value for 2020
N031	Level crossing accidents on passive LCs	Numer						<--please fill in the value for 2020
N032	Level crossing accidents on manual LCs	Numer						<--please fill in the value for 2020
N033	Level crossing accidents on LCs automatic with user-side warning	Numer						<--please fill in the value for 2020
N034	Level crossing accidents on LCs automatic with user-side protecti	Numer						<--please fill in the value for 2020

- By clicking on the relevant cell (in column K "Classification of the Deviation"), a drop-down list will allow you to select the most appropriate classification/justification.

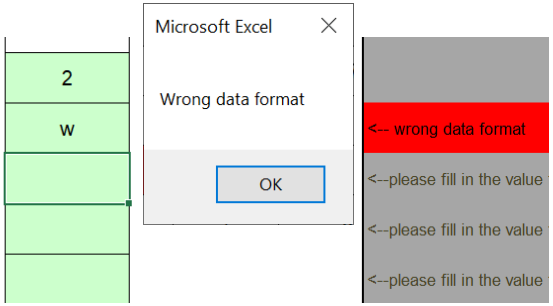


Be aware that you need to provide all the requested classifications for the full validation of the data/form and for retrieving the graphs.

‘Formal’ data validation

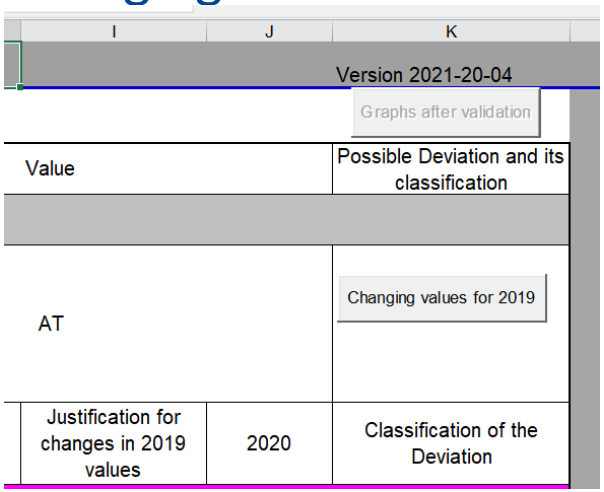
- Similarly, if you insert a wrong data format (e.g. a letter instead of a number), a message will warn you.
- A pop-up message will also ask for your confirmation that the value is missing when you insert the symbol “-”.

ain with rail vehicle	Numeric value	4	1
ain with obstacle within the clearance gauge	**Numeric value**	0	0
f trains	Numeric value	1	3
ng accidents on passive LCs	Numeric value	9	13
ng accidents on manual LCs	Numeric value	0	0



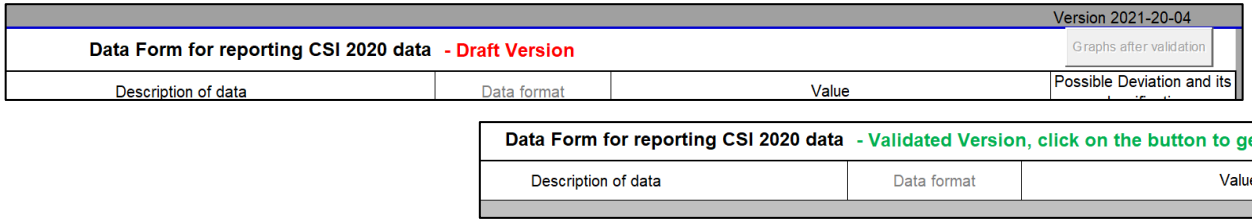
Changing values for 2021

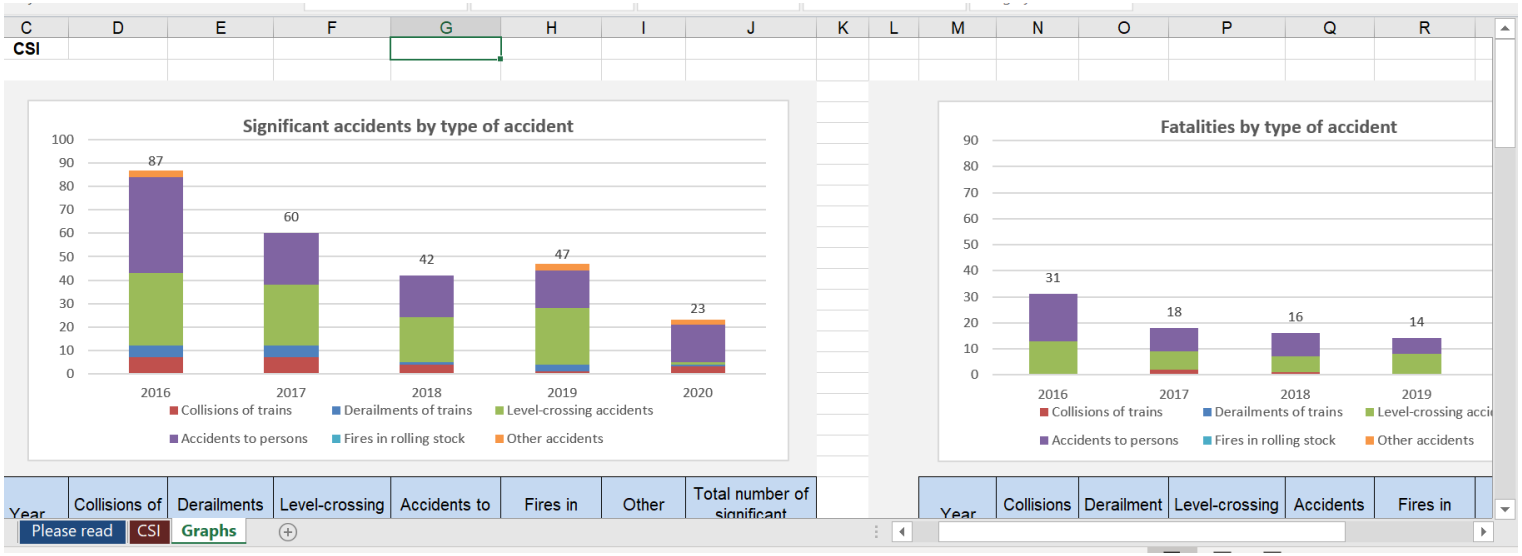
- To amend the value provided for 2023 for any CSI, click on the button “Changing values for 2023” (cell K5 in sheet “CSI”) .
- A pop-up message will ask you the code of the CSI you want to modify (column B of the sheet), the new value and a justification for this change.
- You can modify as many 2023 CSI values as necessary.



Filling the forms

- Once you provide all the data for 2024 with the required deviation details (except for the last section on “Reference data for economic indicators”, i.e. CSIs R09-R15,which are not mandatory), the form version will pass from **Draft** to **Validated** and the button “Graphs after validation” (cell K2 in sheet “CSI”) will become active.
- By clicking on it, a new sheet “Graphs” will appear, where you could find and copy graphs similar to the ones provided previously via ERAIL.





Uploading/sending the form

- Once all the data for 2024 are provided (together with the required deviation details) and the form version pass to the **Validated** status, you may save the file with the same name but adding "_Validated" or "_Filled" at the end; then you can upload it on the extranet or send it to us by email (please use the contacts below).
- If you upload the file on the extranet, please use the same library (Extranet > Safety > NSA - National Safety Authorities > Common Safety Indicators).

Contact us

For any question on the reporting of 2024 CSI data, please contact us:

- Via the dedicated email box: csi@era.europa.eu
- Or via the dedicated contact person: eva.VALERI@era.europa.eu

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