European Topic Centre
Inland, coastal, marine waters

# Rules for the Quality Control of data reported under the Drinking Water Directive 98/83/EC

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## Version history

| Version | Date | Author | Status and description | Distribution |
|---------|----------|----------|------------------------|--------------|
| 1.0 | 29/09/14 | JKV, AKU | First draft for EEA | To EEA |
| 1.1 | 29/09/14 | AKU | Final draft for DWD reporting | Forum |

Several automatic Quality assurance/Quality control (QA/QC) rules have been created to verify the consistency of datasets reported under the Drinking Water Directive 98/83/EC. These rules have been integrated into the Data Dictionary on the http://dd.eionet.europa.eu/datasets/latest/WISE_DWD website for automatic quality check.

The QA/QC tests the relations between the DWD tables and their columns:

1/ DWD_WSZ_1.CountryCode <-> DWD_MS.CountryCode

2/ DWD_S_WSZ_2.CountryCode -> DWD_MS.CountryCode

3/ DWD_NS.CountryCode <-> DWD_MS.CountryCode

4/ DWD_AM.CountryCode <-> DWD_MS.CountryCode

5/ DWD_PI.CountryCode <-> DWD_MS.CountryCode

6/ DWD_QI.CountryCode <-> DWD_MS.CountryCode

7/ DWD_PSP.CountryCode <-> DWD_MS.CountryCode

8/ DWD_S_WSZ.CountryCode -> DWD_MS.CountryCode

9/ DWD_NCI.WSZ_ID <-> DWD_WSZ.WSZ_ID

10/ DWD_WSZ_1.WSZ_ID -> DWD_WSZ.WSZ_ID

11/ DWD_S_WSZ_3.DWD_S_WSZ_ID -> DWD_S_WSZ_2.DWD_S_WSZ_ID

12/ NCI_Cause.DWD_NCI_Row_ID <-> DWD_NCI.DWD_NCI_Row_ID

13/ NCI_NCI_1.DWD_NCI_Row_ID -> DWD_NCI.DWD_NCI_Row_ID

14 NCI_Remedial.DWD_NCI_RemedialID <-> NCI_Cause.DWD_NCI_RemedialID

Additional QA rules may be developed as part of the Helpdesk function to facilitate the early detection of errors or susceptible data in the reporting".

It is not obligatory for Member States to correct errors found by the automatic QA checking, since even datasets with errors can be uploaded into Reportnet.  However, cleaning as much as possible of these errors helps in the reporting process and will reduce the amount of consequent questions to Member States at the data processing and integration phase of the harmonised and quality assured European database.

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