

JRC - ENCR Cancer Registries Data Quality Check Software (QCS), version 1.7.1 - Known issues and bugs

The following is a list of the QCS's known issues and bugs that will be fixed in the next version of the software.

Checks that are not yet implemented

- 1) Consistency within variables (valid values) is not checked for the following optional variables:
 - 24_Day_DoR
 - 25_Month_DoR
 - 26_Year_DoR
 - 37_TNM_edition
 - 41_Dukes
 - 44_Gleason
 - 45_Breslow
 - 46_EoD
 - 50_Sent_nodes
 - 51_Met_sent_nodes
 - 52_Cfactor
 - 53_Surgery
 - 54_Systemic_th
 - 55_Radiotherapy
 - 56_BMtransp
 - 23_Laterality is at the moment checked only in combination with the topography, according to page 33 of the 2014 report "*A proposal on data quality checks: one common procedure for European cancer registries*".
- 2) Survival in days is not calculated by the QCS. So, the cross check between survival provided by the cancer registry (CR) and survival calculated by the software is not yet implemented.
- 3) The information on pT, pN, pN, cT, cN and cM provided by the CR is not yet used to calculate TNM stage grouping. So, the check between stage provided by the CR (36_Stage) and the one calculated by the software is not yet implemented.

Error or warning messages that are wrongly raised

- 1) "E-VBDA" (Vital status + basis of diagnosis + autopsy + survival not valid).
This error is raised wrongly when survival provided by the registry is 99999 (missing/unknown value). If, for instance, date of incidence=date of follow, basis of diagnosis=0 and 22_Survival=99999 then it is sufficient to change the value to 22_Survival=0 to avoid the error.

- 2) "W-AGMT" (Unlikely Age group + tumour type)
This warning is raised wrongly because "≥" criteria is adopted instead of ">" for some age groups. The following are some examples (see pages 26-28 of the 2014 report for further information):
 - 14_Morpho=9490 and 11_Age=9
 - 14_Morpho=9500 and 11_Age=9
 - 14_Morpho=8960 and 11_Age=8

- 3) "W-TNMP" and "W-TNMC" (Topography + TNM edition + T,N,M + Stage)
This warning, based on table 2 of the 2014 report "*A proposal on data quality checks: one common procedure for European cancer registries*", is wrongly raised for some values of pT, cT, pN and cN.
Some examples are: pT or cT=1mi or 1mic, pN=1mi.
Some further instances of a wrongly raised error are related to a too strict adherence to table 2, e.g. if pN=0(sn).