EUROCAT Data Management Software
Data configuration

European Commission

Introduction (1/2)

- DMS allows to declare custom anomaly groups, which will be included in the automated reports. This can be useful for regular reporting on specific groups of ICD codes. Section 1 describes how to use the functionnality *Home>Data configuration>Extra anomalies*.

- With the *Home>Data configuration>Extra variables*, it is possible to define custom variables for individual cases. The function is described in section 2.

- User-defined selection criteria (i.e. filters) are managed through *Home>Data configuration>Selection Criteria* (section 3).

Introduction (2/2)

- DMS allows to create user-defined centres, which can be useful if you want to analyse separately and compare different zones in your registry. The *Home>Data configuration>Add centres* is explained in section 4.

- After any change in the definition of the anomaly subgroups (centrally or locally) or the derived variables (centrally), it is necessary to recalculate the derived variables, to account for the latest update. The *Home>Data configuration>Recalculate derived variables* is presented in section 5. This operation also recalculates errors and potential duplicates.

- Finally, it is possible to delete a centre or even delete all data in the database. Section 6 is about these deletions. Caution!!!! These actions are irreversible.
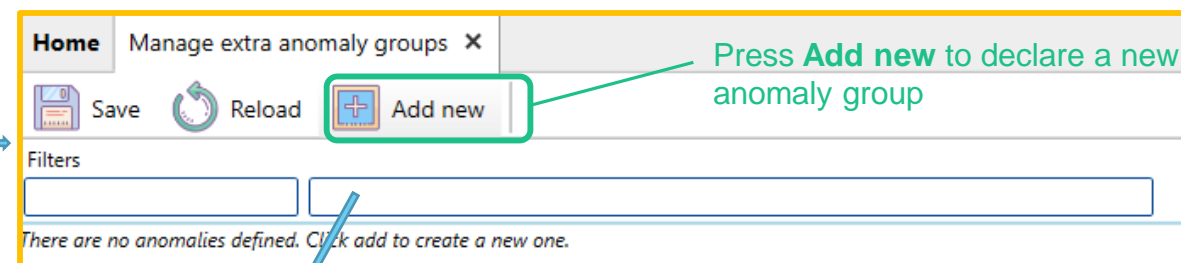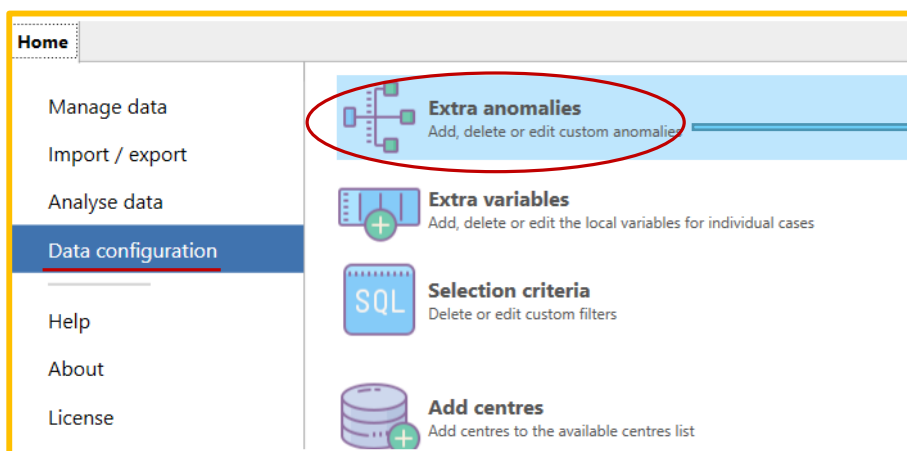
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Home | Manage extra anomaly groups ✕

💾 Save   ↻ Reload   ⊞ Add new

Filters

There are no anomalies defined. Click add to create a new one.

Press **Add new** to declare a new anomaly group

In this example, anomalies with ICD10 codes of Q992 and subcodes, code Q9991 and codes Q995, Q996, Q997, Q998 and subcodes will be included, with the exception of codes Q9921 and Q9995.

Anomaly group number. The DMS will check if it is univocal, and does not override any other anomaly groups. It is suggested to use numbers between 700 and 999.

List of ICD9 and ICD10 codes that will be included in this anomaly group. Must be separated by commas, or by a - if it defines a code range, and should include a * symbol at the end if all subcodes should be included.

Home | Manage extra anomaly groups ✕

💾 Save   ↻ Reload   ⊞ Add new

Filters

Number	Name		Parent anomaly
900	Example for User Guide	Give a name to the new group. It will be displayed in reports.	no parent

Included anomalies	Q992*, Q9991, Q995*-Q998*
Excluded anomalies	Q9921*, Q9995*

List of ICD9 and ICD10 codes that will be excluded from this anomaly group. Must follow the specifications of the included anomalies.
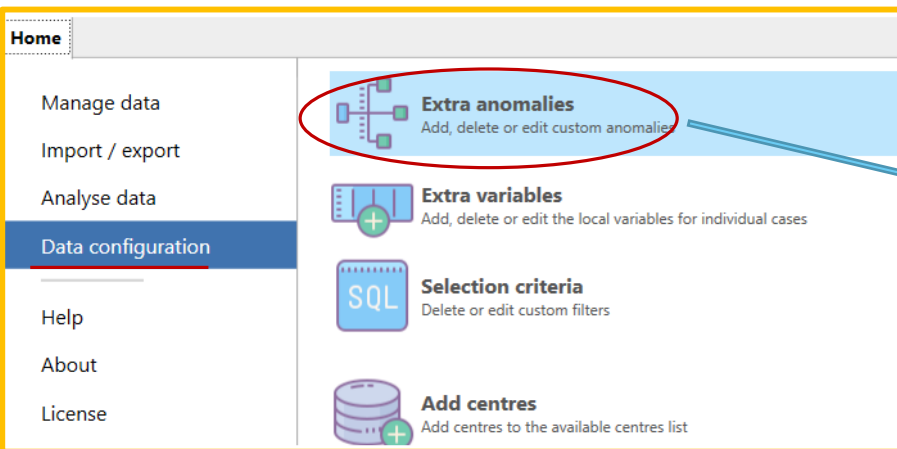
Delete extra anomaly

Press **Save** once the definition is complete to keep the new group in memory.
After creating new groups, run recalculate the derived variables, so that the new variables are calculated for all cases in the database

Extra anomalies
Edit or delete a custom anomaly group

You can edit any component of the extra anomaly group: number, name, included anomalies, excluded anomalies

Press **Delete extra anomaly** to cancel a custom anomaly group
Note: removing the anomaly name and saving will also remove that anomaly.

After ANY change (modification or deletion), you must **SAVE** the new list of extra anomalies.
Then run recalculate the derived variables, so that the changes are applied to all the cases in the database

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2. Add, delete or edit custom variables for individual cases

Extra variables for individual cases
Add a new custom variable

The variables listed in Guide 1.5 chapter 2.2.4 are centrally defined. Scroll down the page and click on **Add column**.

It is possible to add constraints on the values taken by the variables (see slide 10).

Press this icon to remove an extra variable.

Press **Save** once the new variable is defined or deleted.

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Extra variables for individual cases
Manage constraints

Click on + to add a constraint

To choose and edit the type of constraints, press the pencil button

To remove a constraint, press the pencil button
next to it and then select *No constraint*.

There are 2 types of constraints:

1. Values in list: the value is matched against a list of possible values

2. Value between: the value is matched to be between a *Minimum value* and a *Maximum value*

Enter the values and corresponding descriptions

Enter the Minimum and Maximum values

Press **save** to save the constraint

Once the constraints are defined, **save again** in the manage local variables interface

Press save to **save** the constraint

Lets you control if the variable should only accept the values specified in the list or if it should display a text box for custom input

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3. Delete or edit selection criteria

Manage stored filters
Delete or edit selection criteria

DMS allows to save the selection criteria (filters) so that they are recalled easily. The *Home>Data configuration>Selection criteria* allows to manage the filters after they have been created (e.g. while exporting data, creating a report, etc…)

Use Reload to revert to the previous version of the filters.
!!! It works only before saving the modifications. !!!
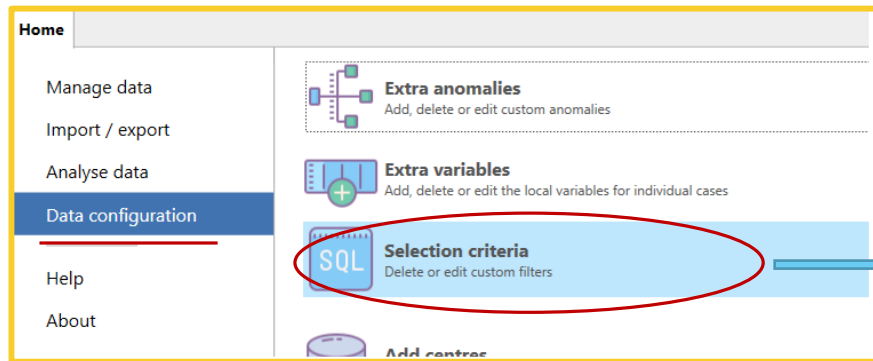
Press the **pencil button** to modify a field in a filter

For details on how to create selection criteria in the DMS, see Chapter on Export - Preliminary notions of this user guide.
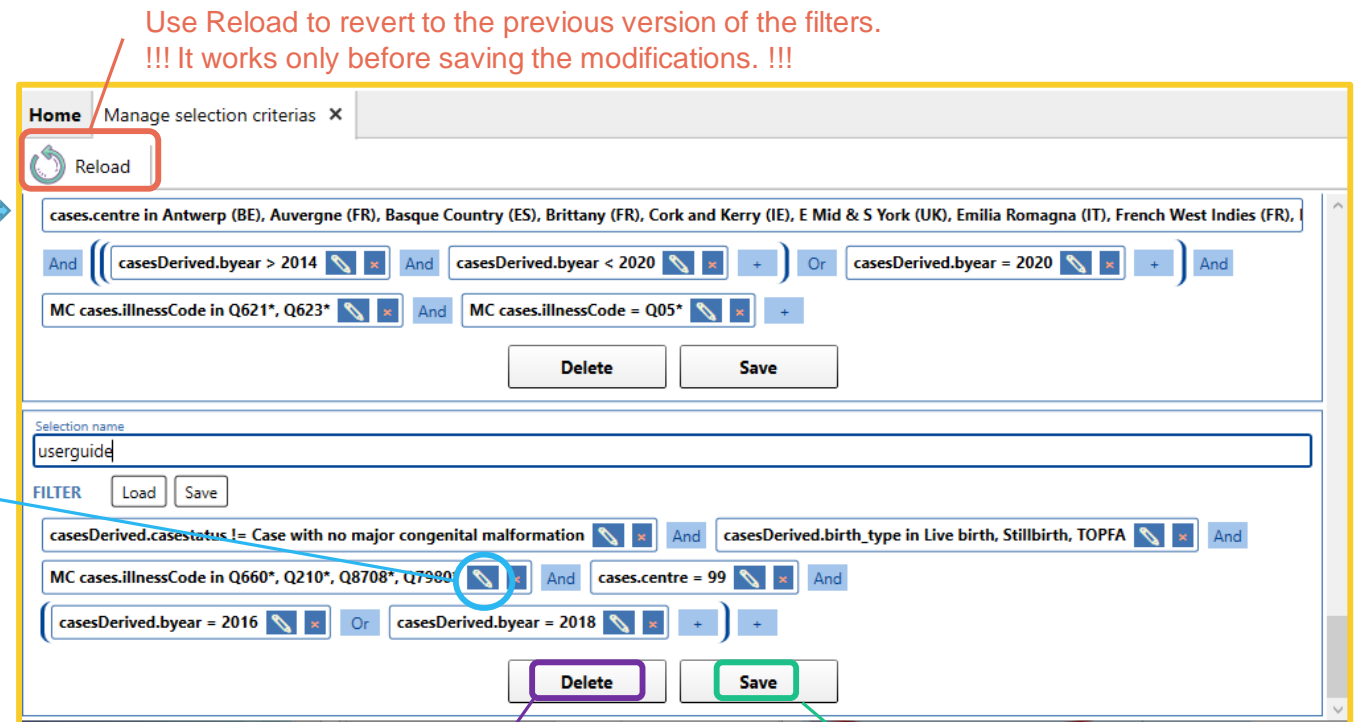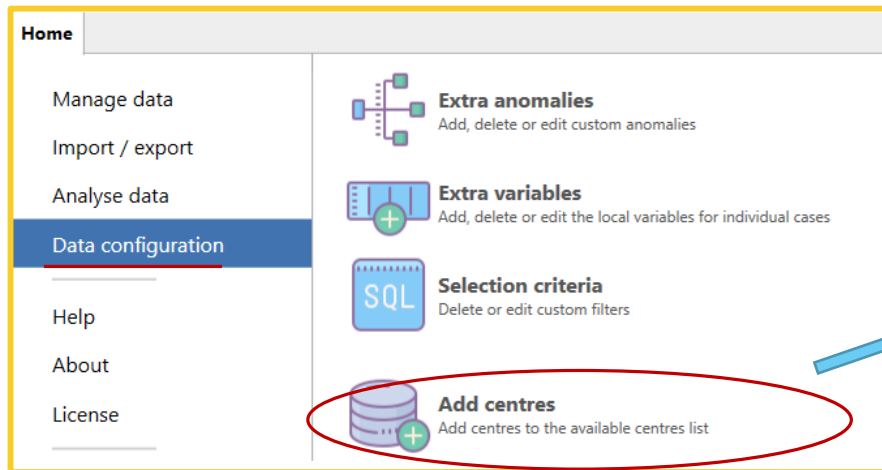
Press this icon to remove a filter
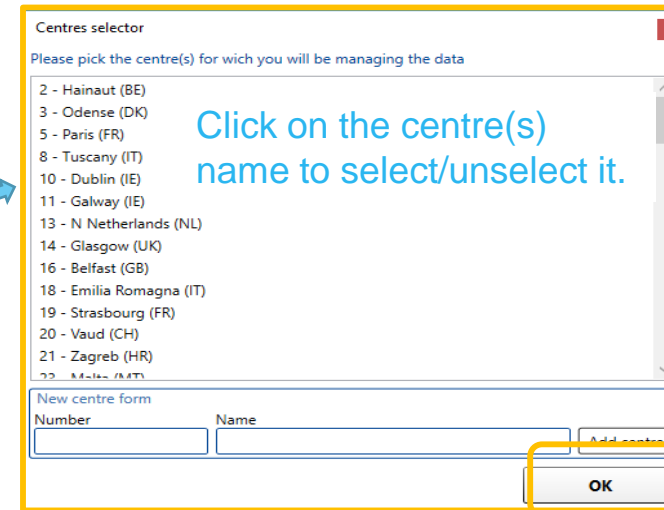
Press **Save** to store the modifications.

4. Define a new centre

Add a centre for analysis
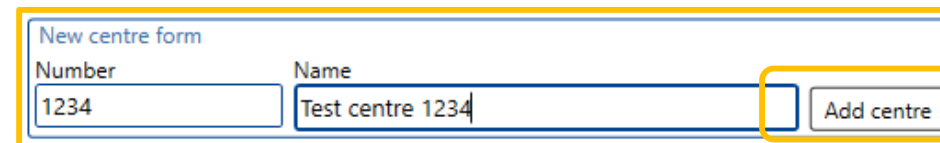*Select an available centre or create a new centre*

A window will open where you can select the centre(s).
Press **OK** to confirm the selection.

Click on the centre(s) name to select/unselect it.

If a centre is not present in the list, you can simply add it by compiling the *New centre form.* It is advised to choose a 4-digit number to avoid confusion with existing centre numbers.
Press **Add centre** then **OK.**

The software will add the selected centres to the database and they will be available for data management

Note: Unselecting a centre that has already been added to the database will not remove it. To remove a centre, see this page

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5. Recalculate the derived variables

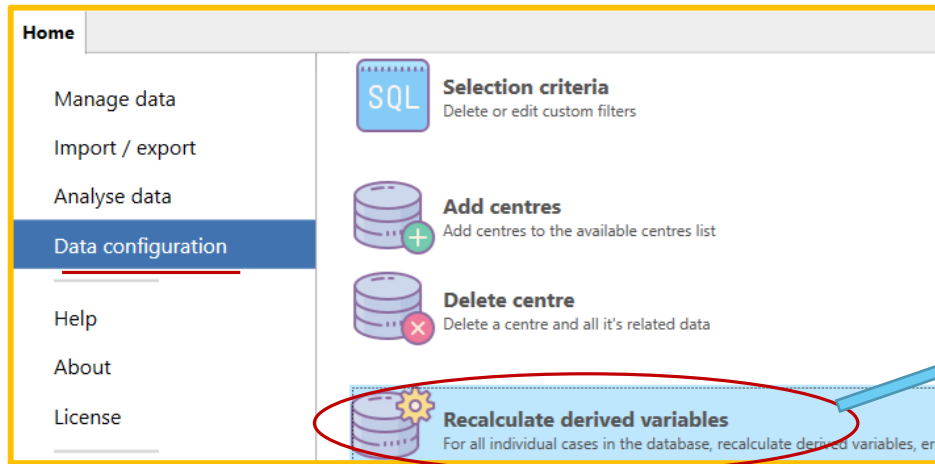# Recalculate derived variables
Definition

DERIVED VARIABLES:

Variables calculated by the software from the EUROCAT variables collected at local registry level for each individual case.

Those variables are:
- Derived variables (see Guide 1.5 chapter 2.2.3)
- Anomaly subgroups (see Guide 1.5 chapter 3.3)
- Validation errors (see Guide 1.5 chapter 2.5)
- Duplicate status.

Recalculate derived variables

For all individual cases, recalculate derived variables, anomaly subgroups…


A window will open allowing you to recalculate all the derived variables generated by the software.
Select the centres and Press **recalculate** to start the calculation.
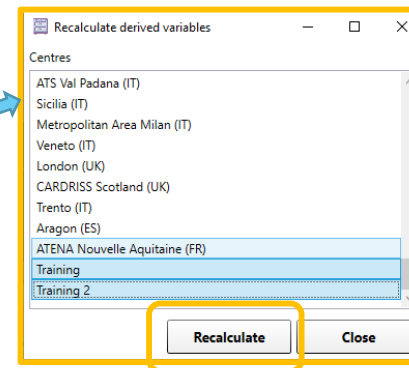
Click on the centre(s) name to select/unselect it.

The software will show you the progress of the operation, by putting tick marks next to recalculated centres.
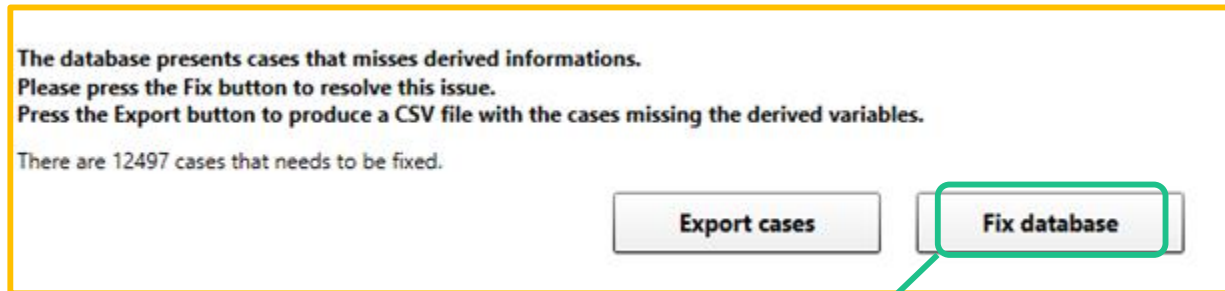Press **Close** when all centres have been recalculated.
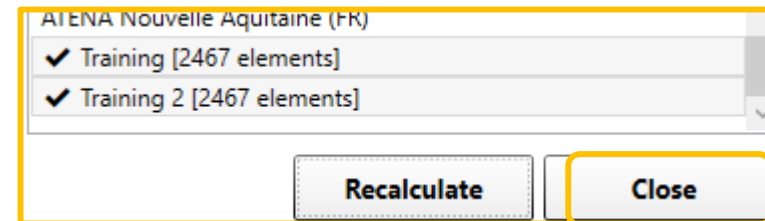
Recalculate derived variables
Possible error

It might happen that the derived variables are not calculated correctly during an import or the "recalculation process".

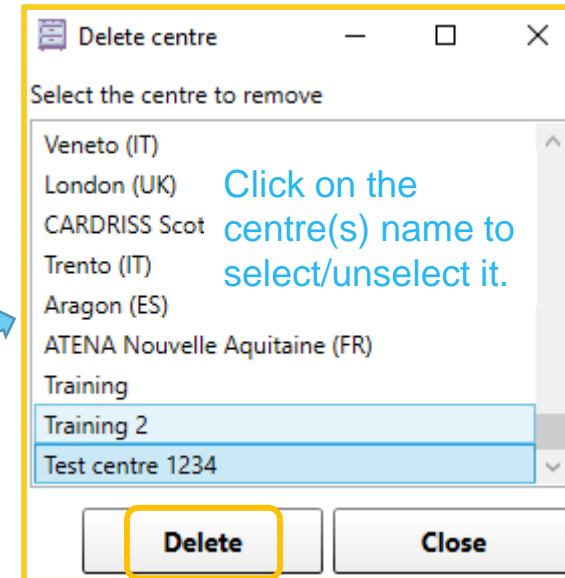At next opening, the software will show the following message in its interface:

The database presents cases that misses derived informations.
Please press the Fix button to resolve this issue.
Press the Export button to produce a CSV file with the cases missing the derived variables.

There are 12497 cases that needs to be fixed.
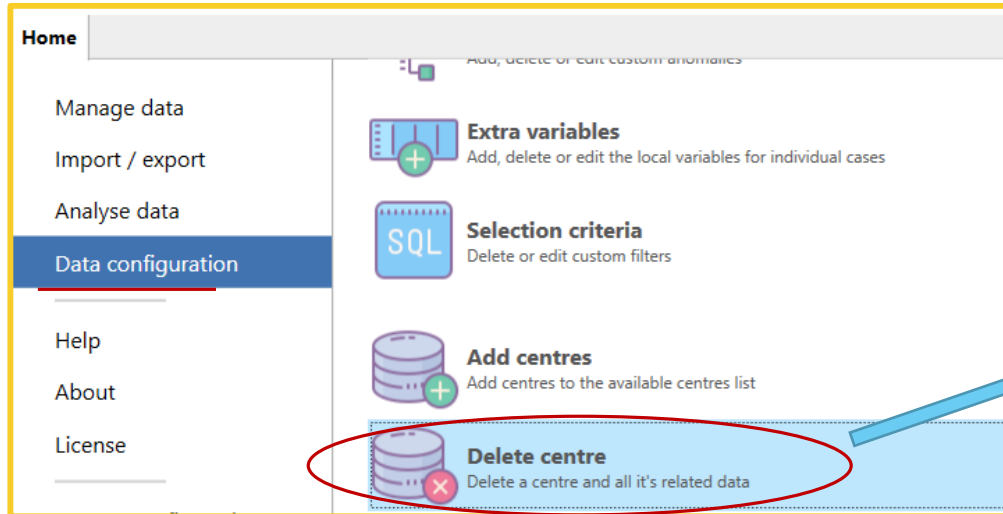
Export cases   **Fix database**

Press **Fix database**.
This will recalculate the derived variables and the issue will be solved.
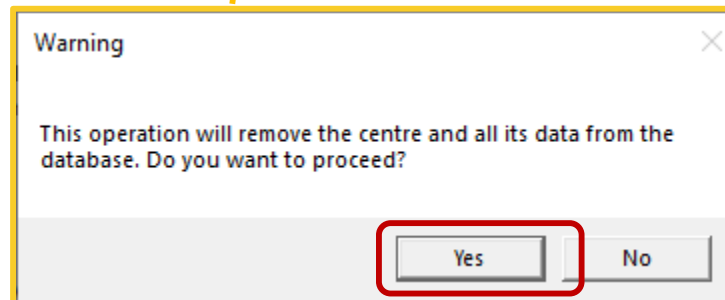
6. Delete a centre or all data

Delete centre

Delete a centre and all its related data

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Add centres
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Delete centre
Delete a centre and all it's related data

Delete centre

Select the centre to remove

Veneto (IT)
London (UK)
CARDRISS Scot
Trento (IT)
Aragon (ES)
ATENA Nouvelle Aquitaine (FR)
Training
Training 2
Test centre 1234

Click on the centre(s) name to select/unselect it.

Delete   **Close**

Press Delete

Confirm the deletion and close

These steps remove the centre and all its related data.
!!!!! The action cannot be reversed !!!!!!

Warning

This operation will remove the centre and all its data from the database. Do you want to proceed?
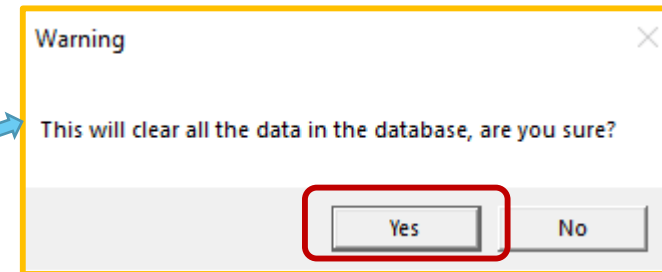
Yes   No

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Delete all data
Delete all individual cases, denominators, aggregate data in the database
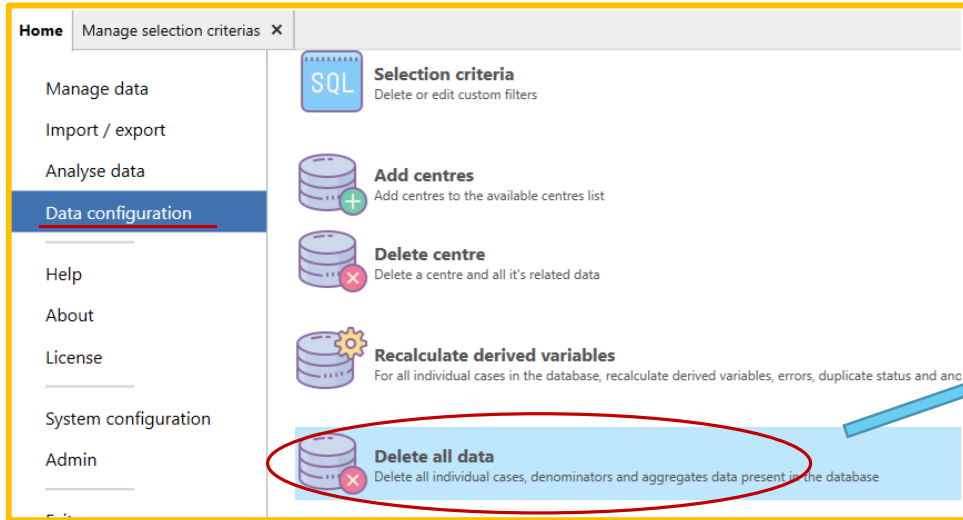
Confirm the deletion

These steps remove all the data in the database.
!!!!! The action cannot be reversed !!!!!!

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