

MDS Scrubber

The MDS Scrubber allows you to set up your own customized logic checks (validators) in ECS, to help you identify illogical responses that are not caught by CMS error messages. Users will be able to customize the feature by adding, removing, or modifying audits (validators).

Examples of logic checks identified by the scrubber:

- L0200F. Mouth or facial pain = TRUE, but J0300. Pain Presence = 0 and J0800. Indicators of Pain or Possible Pain = Z None of these.
- I5800. Depression = TRUE, but N0410C. Antidepressant = 0.

MDS Scrubber logic checks are displayed at the end of the Audit that is run from the Status window, and appear as follows:

Sample Audit Results

```
Warning: MDS Scrubber: Mouth Pain -  
L0200F. Mouth or Facial Pain = True  
J0800A-D. Indicators of Pain = False
```

```
Warning: MDS Scrubber: Depression -  
I5800. Depression = True  
N0410C. Antidepressant = 0
```

Assign rights to user group(s) for Scrubber

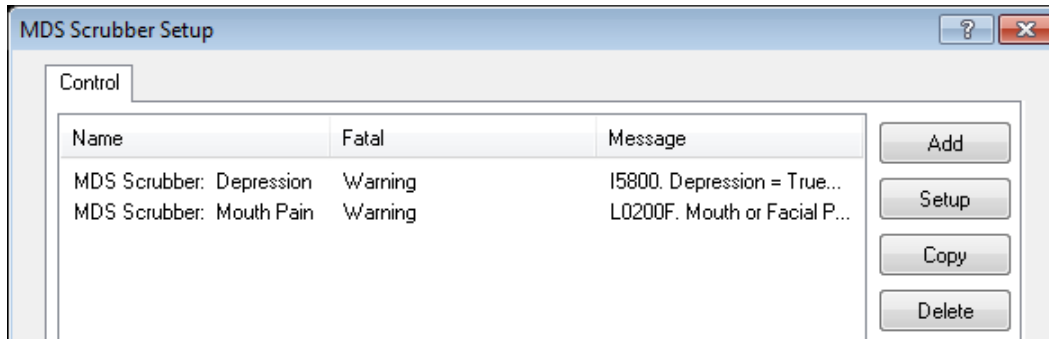
To manage the scrubber, rights must be assigned to the appropriate user group(s) as follows:

1. In ECS, follow the path **File > Setup > User Groups**.
2. Open the User Group properties.
3. Expand the **File** part of the tree.
4. Expand the **Setup** part of the tree.
5. Expand the **Minimum Data Set (MDS)** part of the tree.
6. Click the box next to **MDS Scrubber** until a green check mark (full rights) appears.
7. Click **OK** to save changes.
8. Re-start ECS to make changes effective.

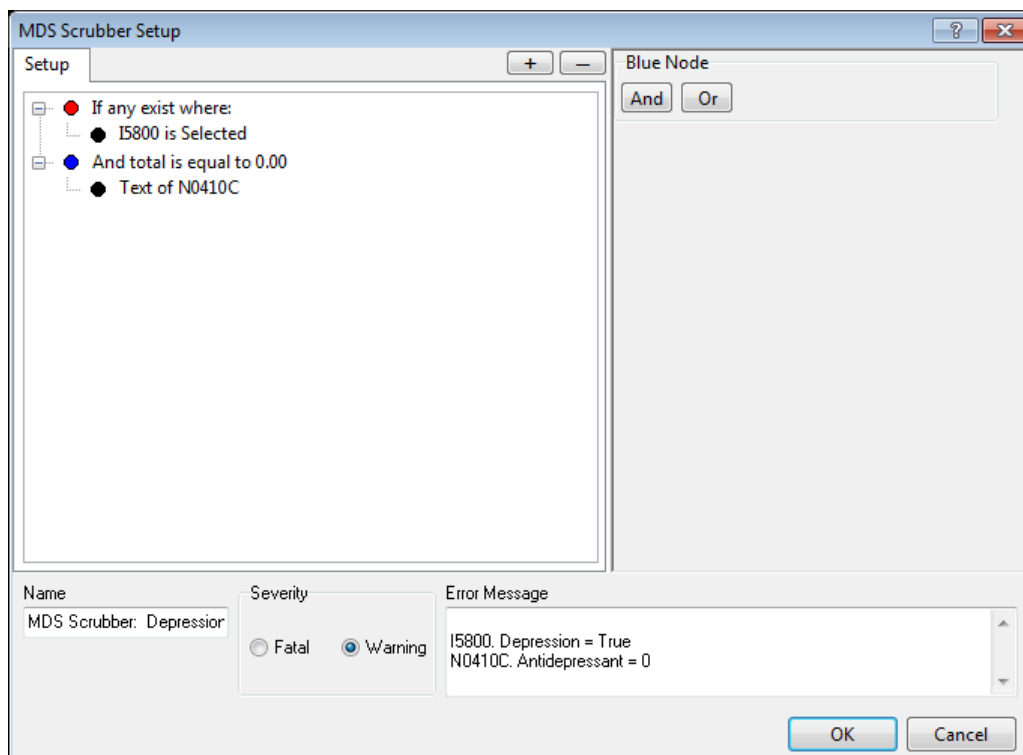
Access Scrubber in ECS

Access MDS Scrubber setup by following the path **File > Setup > Minimum Data Set (MDS 3.0) > MDS Scrubber**. The MDS Scrubber Setup screen will appear, and any existing setups will be displayed. American Data plans to release a set of pre-made validators to all clients; which users may choose to customize.

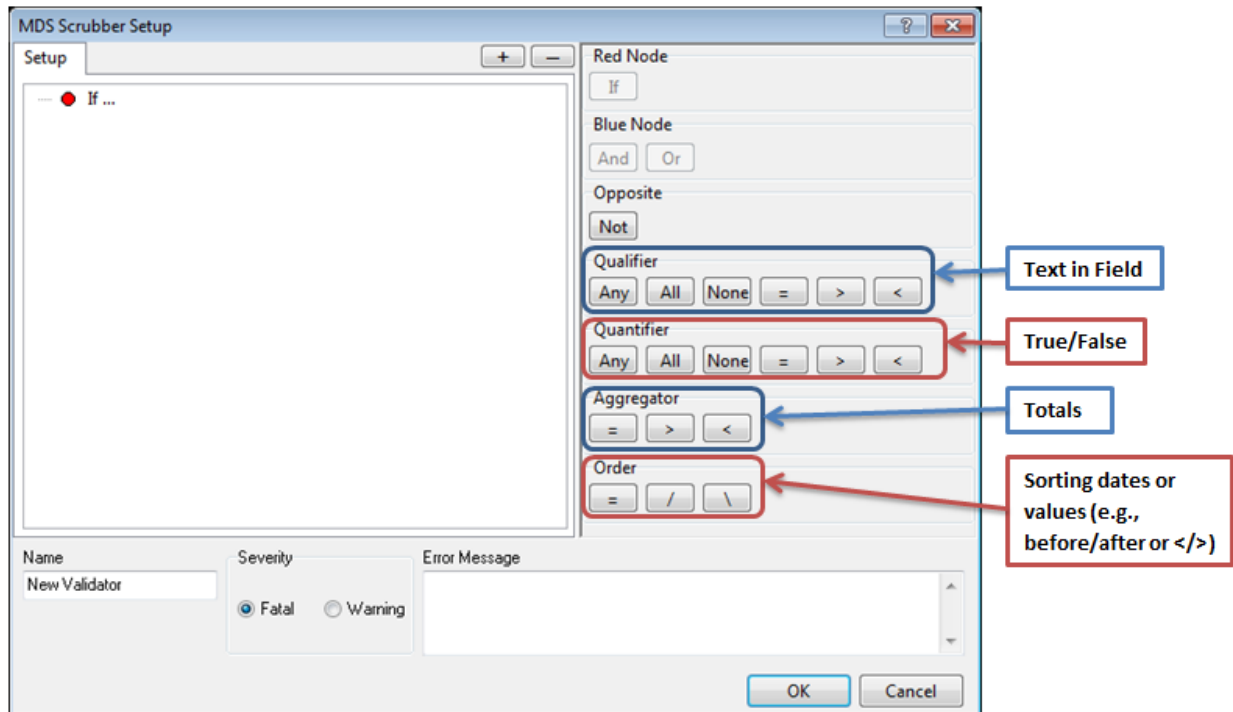
Sample MDS Scrubber Audits



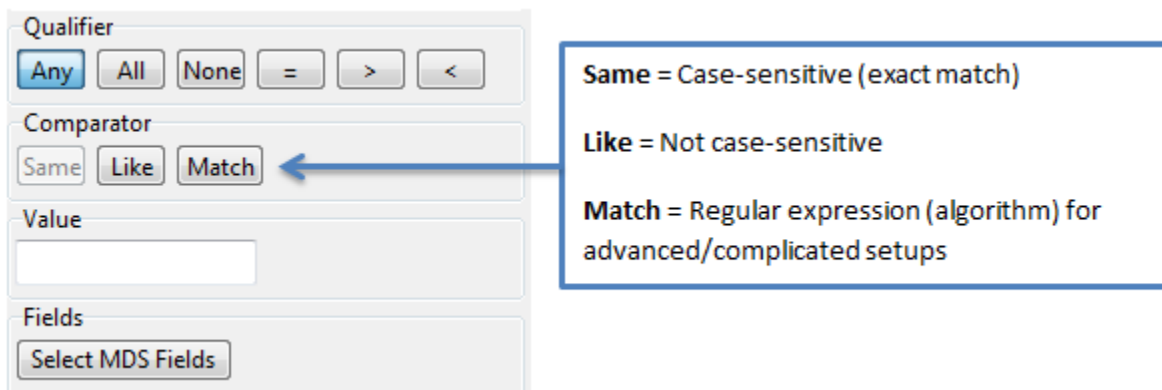
To edit or review an existing validator, highlight it and select **Setup**. The setup will be displayed. To make changes select the Node or line you wish to change, to reveal the setups options that go with that node/line. Change the setup as desired, and click **OK** to save the changes.



Create a new validator by clicking **Add**, which creates a "New Validator". Select the New Validator and click Setup. Use the screen description below to build the formula. Each validator needs to be given a Name, a Severity, and an Error Message.



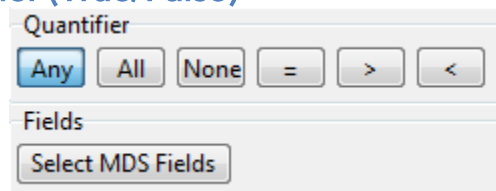
MDS Scrubber - Qualifier (Text in Field)



Example of a situation where "Qualifier" is used:

- If the text or value in Field A = some Value (e.g., 6, 276.51, or nurse) and B is false.

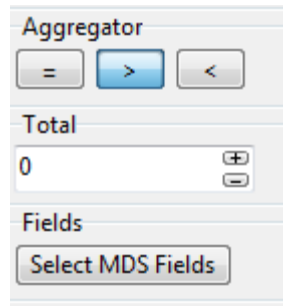
MDS Scrubber - Quantifier (True/False)



This may be the most common type of validator. Examples include:

- If Field A is true and any of fields B, C, or D are true;
- If Field A is true and B is false;
- If exactly/more than/less than some quantity (e.g., 3) of fields A – F are true/selected.

MDS Scrubber - Aggregator (Totals)

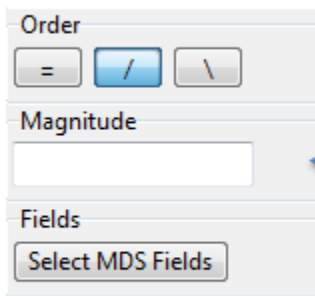


The screenshot shows the 'Aggregator' control with three buttons: '=', '>', and '<'. Below it is a 'Total' field with the value '0' and increment/decrement buttons. At the bottom is a 'Fields' section with a 'Select MDS Fields' button.

Example of when "Aggregator" is used:

- If the total of Fields A, B, & C (e.g., therapy minutes) is greater than a defined number, flag a warning.
- If the total value of Field A & B is less than a set value, flag a warning.

MDS Scrubber - Order (Sorting dates or Greater/Less Than)



The screenshot shows the 'Order' control with three buttons: '=', '/', and '\'. Below it is a 'Magnitude' field. At the bottom is a 'Fields' section with a 'Select MDS Fields' button.

Before/After (dates) or Greater Than/Less Than.

For **dates**, enter as an integer plus "days", "months", or "years" (e.g., 18 years, or 7 days).

For **greater/less than**, enter the value, or leave it blank.

/ = greater than or after

\ = less than or before

Example of when "Order" is used:

- On a 5 day MDS (A0310B = 01), A2300 ARD should be no more than 8 days greater than A1600 Admit Date.