

How to Filter Reports by Additional Criteria

Description

Each report allows for additional filtering of the data that will be considered for the report. The tabs of the modification screen allows you to adjust the results based on your needs. While the list of variables is dependent on the dataset used for the report, the operation of this section remains the same across all report types.

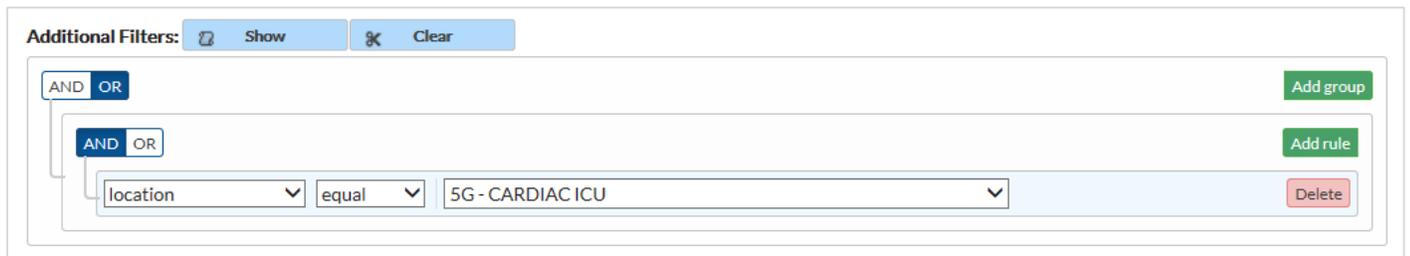
How to Filter

- The drop-down menus in the “Additional Filters” allow you to select a variable for filtering by group and/or rule.



The screenshot shows a navigation bar with five tabs: 'Title/Format', 'Time Period', 'Filters', 'Display Variables', and 'Display Options'. The 'Filters' tab is highlighted with a red border. Below the tabs, there is a section labeled 'Additional Filters:' with a plus icon, a 'Show' button, a minus icon, and a 'Clear' button.

- After selecting a variable to filter, click in the empty box with the drop down arrow to select the operator (i.e., “equal”) then specify desired values of that variable that should be included in the report



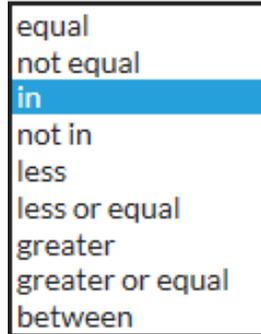
The screenshot shows the 'Additional Filters' configuration interface. At the top, there are 'Show' and 'Clear' buttons. Below, there are two levels of nesting for filters. The outer level has 'AND' and 'OR' options and an 'Add group' button. The inner level also has 'AND' and 'OR' options and an 'Add rule' button. A specific rule is shown with a dropdown menu set to 'location', an operator dropdown set to 'equal', and a text input field containing '5G - CARDIAC ICU'. A 'Delete' button is located to the right of the rule.

- Each addition of “group” and “rule” will allow you to specify values. Use an operator to modify the values (operators described below). After specifying values, remember to click Save!!
- After specifying criteria, you can double check your criteria selection by clicking “Show”. This will display the parenthetical equation used to filter your data.
- The example shown above indicates that the report would be restricted to events that occurred in the location, 5G – Cardiac ICU (location=5G).

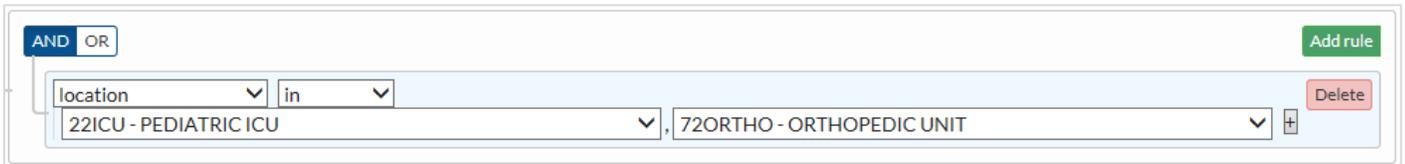
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Description of Operators

Various operators can be selected to modify the report:



Tip: Use the “in” operator to select multiple values of a variable. For example, location in (22ICU, 72ORTHO) would include all records where the location is either 22ICU or 72ORTHO. Many variables, such as location, supply drop-down menus for selection; other variables, such as “CLABCount”, allow a free text field for entry of values.



Example 1

Suppose you wish to view a line list of CAUTIs in which MRSA or VRE were identified.

- Because we wish to restrict the report to specific multi-drug resistant organisms (MDRO), select from the drop-down menu for each MDRO by selecting the “add rule” box.



- Consider each row (addition of a rule) in the selection criteria grid its own equation/filter. Therefore, in this example, MRS A = Y and VRE = Y are on two separate rows/rules.

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Example 2

You would like to view all CAUTI events in select ICU locations and for patients who were 65 years old, or older, at the time of the event (“Add group”). “Add rule” for each group.

- The operator “greater or equal” was used so that the report would be restricted to those events where the age at event was greater than or equal to the desired age.

The screenshot displays a filter configuration interface with a hierarchical structure of AND/OR groups and rules. At the top level, there are two options: "AND" (highlighted in red) and "OR". A "Show SQL" link is visible. To the right, there is a red "Add group" button. Below this, there is a sub-group with "AND" (highlighted in red) and "OR" options, and a green "Add rule" button. This sub-group contains four rules, each with a "Delete" button:

- location (dropdown) equal (dropdown) MICU - MEDICAL ICU (dropdown)
- location (dropdown) equal (dropdown) 5G - CARDIAC ICU (dropdown)
- location (dropdown) equal (dropdown) SICU - SICU (dropdown)
- location (dropdown) equal (dropdown) ICU-A - ICU-A (dropdown)

Below the sub-group, there is another "AND" (highlighted in red) and "OR" group, with a green "Add rule" button and a red "Delete" button. This group contains one rule:

- ageAtEvent (dropdown) greater or equal (dropdown) 65 (text input) (Delete button)

Additional Resources

For basic modification guideline, follow <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/howtomodifyreport.pdf>