

Filter Logic

When creating filters for your report you can use the **AND**, **OR** and **NOT** logic operators. Apply customized logic and specify the way of combining filters.

Let us look at the example of customized filter logic.

▼ **There are following questions in your survey:**

How old are you?

- 18 and younger
- 19 to 40
- 41 to 60
- 60 and older

Which state do you live in?

You want to see the survey results based on respondents who live in Georgia and who are 19 to 60 years old.

▼ **In this case you need to set following filters:**

1. Filter Type: Question

Question: How old are you?

Answer: 19 to 40

2. Filter Type: Question

Question: How old are you?

Answer: 41 to 60

3. Filter Type: Question

Question: Which state do you live in?

Include records: That contain Georgia

▼ **In the Filter Logic text field you should enter the following expression:**

(F1 OR F2) AND F3

- Only filters mentioned in the text field will be used to create the report. In the example above: If you set customized logic as **F2 AND F3**, the report will be on respondents who are 41 to 60 years old and who live in Georgia, even if **Filter 1** is checked as **Active**.
- If you unselect the **Active** option next to filter involved in customized logic, this filter will not be used in report. In the given example the report will be based on respondents who are from 19 to 40 years old and who live in Georgia.
- Once you save customized filter logic, operators will be substituted with respective symbols after saving: || for OR and && for AND