

Software Tip

Boolean Logic

Boolean operators are used to narrow the scope of your report request in order to view specific information. Boolean logic allows users to create their own statements using **AND**, **OR**, and **NOT**.

From left to right, the icons are: **Combine, Not, And, Or, Parenthesis**



Boolean operators are available on the following pages:

Measurement Interval, Demographics, Market Breaks and Custom Coverage Areas

Example: You want to include people with an income greater than \$75K who own a home.

- From the market breaks selection tab, select the market breaks needed in your combination.
- From the Current Selections list, highlight the criteria you are comparing and then click the Combine icon.
- Name your combination.
- From the Current Selections list, click the arrow to expand the folder to view your selections.

Current Selections:



▼ Homeowners with HH Income \$75K+

- HH Income = \$75,000+ &
- Home Ownership Status = Owned

When Combine is used, the default relationship is **OR**. To change the default **OR** logic, click the row you want to change, and select the proper logic, in this case, **AND**.

Another method to create **AND** logic is to highlight the items you want to combine, right-click, and select **Cross Selected**.

Current Selections:

- ▶ HH Income = \$75,000+
- ▶ Home Ownership Status = Owned

Combine
Cross
Cross Selected

Cross Selected result:

Current Selections:

▼ Crossed Home Ownership Status = Owned AND HH Income = \$75,000+

- ▼ () &
- HH Income = \$75,000+
- ▼ ()
- Home Ownership Status = Owned

For more information on Boolean Logic, visit NPOWER Online Help, and search for **Boolean Logic**.