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Excel COUNTIF Function for Two Conditions

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This short Excel tip shows how to use Excel's COUNTIF function to **count the number of data points between two values**. Listed below are the various conditions, and the corresponding formulas using the COUNTIF function. The trick is simply to subtract one condition from the other.

To download a sample spreadsheet containing these COUNTIF formulas using some made-up data, click here: countif-example.xls. This example shows how the formulas can be made a little more dynamic, by concatenating the conditional operator ($<$, $<=$, $>$, $>=$, $<>$) with a cell reference.

The data for the following formulas would be contained in column **A**.

Condition	Formula
$1 < x < 4$	=COUNTIF(A:A,"<4")-COUNTIF(A:A,"<=1")
$1 <= x < 4$	=COUNTIF(A:A,"<4")-COUNTIF(A:A,"<1")
$1 < x <= 4$	=COUNTIF(A:A,"<=4")-COUNTIF(A:A,"<=1")
$1 <= x <= 4$	=COUNTIF(A:A,"<=4")-COUNTIF(A:A,"<1")

REFERENCES:

Another Method:
MrExcel.com, "Excel CountIf or Sumif with two conditions" *http://www.mrexcel.com/td0128.html*

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