

# How can I use COUNTIF with multiple ranges in Google Sheets?

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## RECOMMENDED CITATION

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The COUNTIF function in Google Sheets allows users to count the number of cells within a specified range that meet a given criteria. In order to use this function with multiple ranges, users can simply separate each range with a comma within the formula. This will count the cells that meet the criteria in each of the specified ranges and provide a total count. This can be useful for analyzing data across different categories or sections within a spreadsheet. By utilizing the COUNTIF function with multiple ranges, users can efficiently gather data and gain valuable insights from their Google Sheets.

## Google Sheets: Use COUNTIF with Multiple Ranges

The COUNTIFS() function in Google Sheets can be used to count the number of rows in a spreadsheet that meet multiple criteria.

This function uses the following syntax:

**COUNTIFS(criteria\_range1, criterion1, criteria\_range2, criterion2, ...)**

where:

**criteria\_range1:** The first range of cells to look in.  
**criterion1:** The criterion to look for in the first range of cells.

The following example shows how to use this function in practice.

## Example: Using COUNTIFS in Google Sheets

Suppose we have the following dataset that shows the team and average points scored for seven different basketball players:

	A	B	C	D	E
1	Player	Team	Points		
2	A	Spurs	10		
3	B	Spurs	15		
4	C	Lakers	19		
5	D	Lakers	29		
6	E	Lakers	22		
7	F	Mavericks	24		
8	G	Mavericks	31		
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22					

We can use the following COUNTIFS() function to count the number of players who play for the Lakers *and* who score 20 or more points per game:

	A	B	C	D	E	F
1	Player	Team	Points			
2	A	Spurs	15	=COUNTIFS(B2:B8, "Lakers", C2:C8, ">20")		
3	B	Spurs	15			
4	C	Lakers	19			
5	D	Lakers	29			
6	E	Lakers	22			
7	F	Mavericks	24			
8	G	Mavericks	31			
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**The total number of players that meet these two criteria is 2.**

	A	B	C	D	E
1	Player	Team	Points		
2	A	Spurs	10	2	
3	B	Spurs	15		
4	C	Lakers	19		
5	D	Lakers	29		
6	E	Lakers	22		
7	F	Mavericks	24		
8	G	Mavericks	31		
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**Specifically we can see that player "D" and "E" meet these two criteria.**

**Note that in this example we only used the COUNTIFS() function with two cell ranges, but we can use this function with any number of cell ranges that we'd like.**