How can I use the COUNTIF function in Excel to count cells that meet multiple criteria within the same column?

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June 28, 2024

The COUNTIF function in Excel allows users to count the number of cells within a specified range that meet a certain criteria. This function can also be used to count cells that meet multiple criteria within the same column. By using a combination of logical operators, such as "AND" or "OR", users can specify multiple criteria for the function to count. This allows for a more precise and efficient way to count cells that meet specific conditions, rather than manually sorting through the data. Overall, the COUNTIF function in Excel is a useful tool for organizing and analyzing data with multiple criteria.

Excel: Use COUNTIF with Multiple Criteria in Same Column

You can use the following syntax to perform a COUNTIF function with multiple criteria in the same column in Excel:

=SUMPRODUCT(COUNTIF(A2:A16,{"word1","word","word3"}))

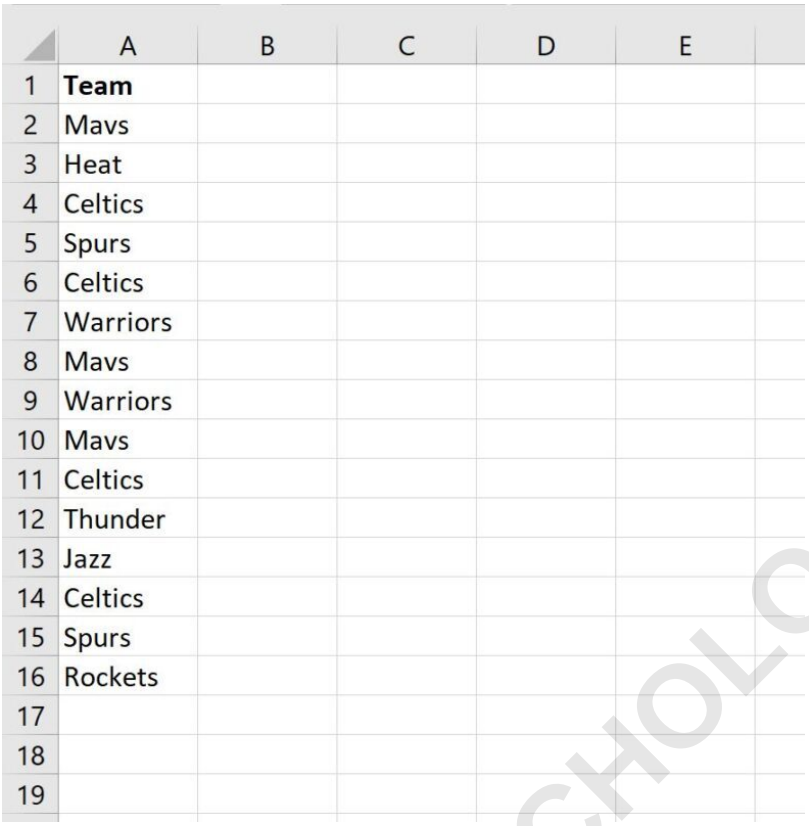
This particular formula will return the count of cells in the range A2:A16 where the value is equal to "word1", "word2", or "word3."

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

Example: Use COUNTIF with Multiple Criteria in Same Column

Suppose we have the following dataset in Excel that

contains the names of various basketball teams:

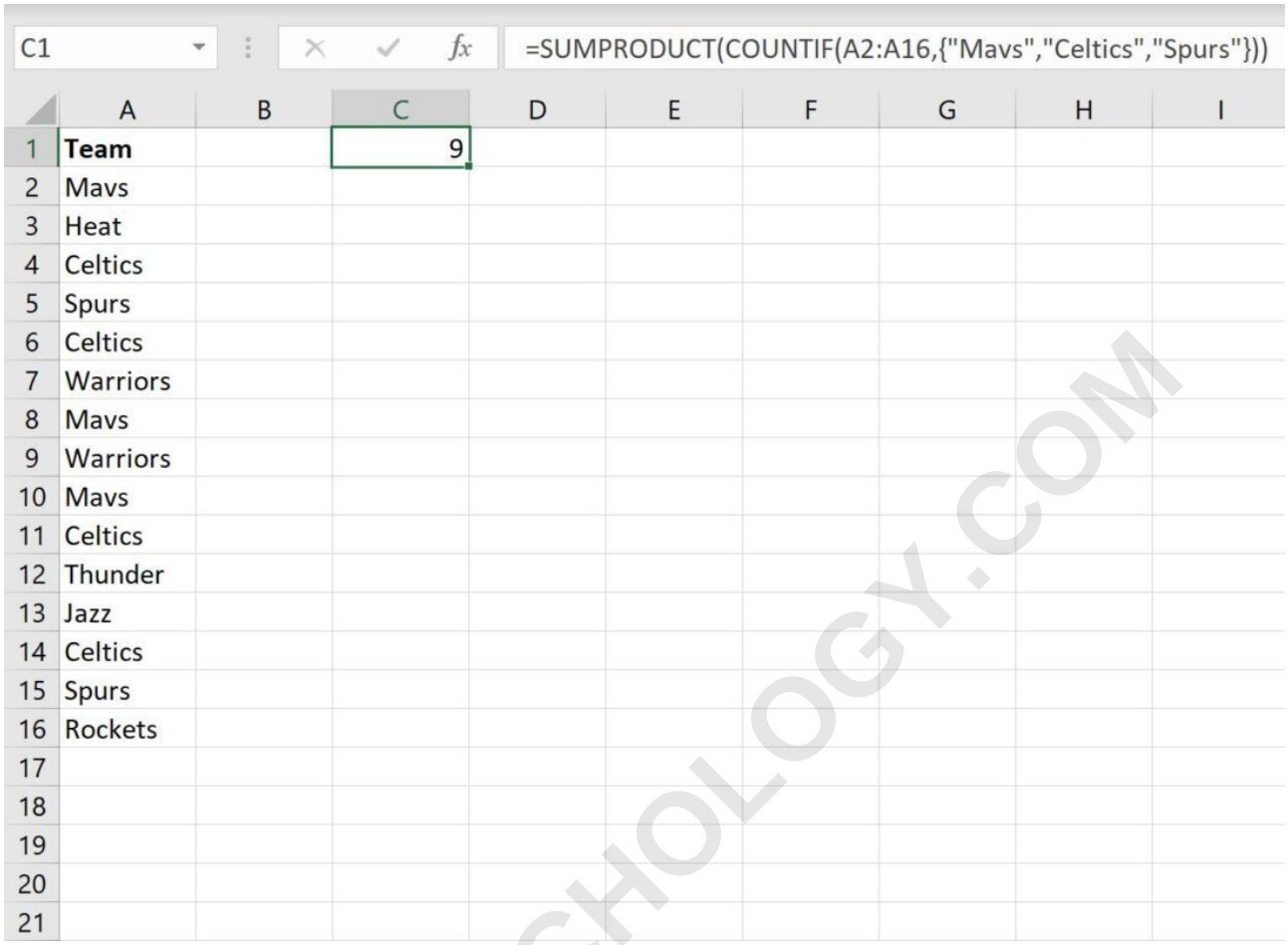


	A	B	C	D	E
1	**Team**				
2	Mavs				
3	Heat				
4	Celtics				
5	Spurs				
6	Celtics				
7	Warriors				
8	Mavs				
9	Warriors				
10	Mavs				
11	Celtics				
12	Thunder				
13	Jazz				
14	Celtics				
15	Spurs				
16	Rockets				
17					
18					
19					

We can use the following formula to count the number of cells in the range A2:A16 that are equal to "Mavs", "Celtics", or "Spurs":

=SUMPRODUCT(COUNTIF(A2:A16,{"Mavs","Celtics","Spurs"}))

The following screenshot shows how to use this formula in practice:



	A	B	C	D	E	F	G	H	I
1	**Team**		9						
2	Mavs								
3	Heat								
4	Celtics								
5	Spurs								
6	Celtics								
7	Warriors								
8	Mavs								
9	Warriors								
10	Mavs								
11	Celtics								
12	Thunder								
13	Jazz								
14	Celtics								
15	Spurs								
16	Rockets								
17									
18									
19									
20									
21									

We can see that a total of 9 cells were equal to one of these three values.

We can manually count each of these 9 cells to verify that this is correct:

	A	B	C	D	E
1	**Team**		9		
2	Mavs				
3	Heat				
4	Celtics				
5	Spurs				
6	Celtics				
7	Warriors				
8	Mavs				
9	Warriors				
10	Mavs				
11	Celtics				
12	Thunder				
13	Jazz				
14	Celtics				
15	Spurs				
16	Rockets				
17					
18					
19					

There are indeed 9 cells that are equal to "Mavs", "Celtics", or "Spurs."

Additional Resources

The following tutorials explain how to perform other common tasks in Excel: