

How can I use COUNTIFS with a date range in Excel?

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COUNTIFS is a useful function in Excel that allows users to count the number of cells that meet multiple criteria. This function can also be used to count cells within a specific date range. To use COUNTIFS with a date range in Excel, simply enter the start and end dates in the criteria range and use the "=" operators to specify the range. This will enable you to easily count the number of cells that fall within the specified date range, providing a quick and efficient way to analyze data. This feature is particularly helpful for tracking and analyzing time-based data in Excel.

Use COUNTIFS with a Date Range in Excel

You can use the following syntax to count the number of cell values that fall in a date range in Excel:

```
=COUNTIFS(A2:A11,">="&D2,A2:A11,"<="&E2)
```

This formula counts the number of cells in the range A2:A11 where the date is between the dates in cells D2 and E2.

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

Example: Use COUNTIFS with Date Range in Excel

Suppose we have the following dataset in Excel that shows the number of sales made by some company on various days:

	A	B	C	D	E	F
1	Date	Sales				
2	1/1/2022	9				
3	1/4/2022	23				
4	1/6/2022	29				
5	1/7/2022	22				
6	1/8/2022	25				
7	1/12/2022	28				
8	1/14/2022	30				
9	1/15/2022	15				
10	1/17/2022	18				
11	1/18/2022	11				
12						
13						
14						
15						
16						
17						
18						
19						

We can define a start and end date in cells D2 and E2 respectively, then use the following formula to count how many dates fall within the start and end date:

=COUNTIFS(A2:A11,">="&D2,A2:A11,"<="&E2)

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

The image shows an Excel spreadsheet with a formula bar at the top displaying the formula: `=COUNTIFS(A2:A11,">="&D2, A2:A11,"<="&E2)`. The spreadsheet has columns A through G and rows 1 through 20. Column A is labeled 'Date', column B is 'Sales', column D is 'Start Date', column E is 'End Date', and column F is 'Count of Days'. The data in the spreadsheet is as follows:

	A	B	C	D	E	F	G
1	Date	Sales		Start Date	End Date	Count of Days	
2	1/1/2022	9		1/10/2022	1/15/2022	3	
3	1/4/2022	23					
4	1/6/2022	29					
5	1/7/2022	22					
6	1/8/2022	25					
7	1/12/2022	28					
8	1/14/2022	30					
9	1/15/2022	15					
10	1/17/2022	18					
11	1/18/2022	11					
12							
13							
14							
15							
16							
17							
18							
19							
20							

We can see that 3 days fall between 1/10/2022 and 1/15/2022.

We can manually verify that the following three dates in column A fall in this range:

1/12/2022 1/14/2022 1/15/2022

If we change either the start or end date, the formula will automatically update to count the cells within the new date range.

For example, suppose we change the start date to 1/1/2022:

	A	B	C	D	E	F	G
1	Date	Sales		Start Date	End Date	Count of Days	
2	1/1/2022	9		1/1/2022	1/15/2022	8	
3	1/4/2022	23					
4	1/6/2022	29					
5	1/7/2022	22					
6	1/8/2022	25					
7	1/12/2022	28					
8	1/14/2022	30					
9	1/15/2022	15					
10	1/17/2022	18					
11	1/18/2022	11					
12							
13							
14							
15							
16							
17							
18							
19							

Additional Resources

The following tutorials provide additional information on how to work with dates in Excel: