

# How can I count by month in Google Sheets?

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## RECOMMENDED CITATION

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Google Sheets is a powerful tool for organizing and analyzing data. One useful feature it offers is the ability to count by month, allowing users to easily track and analyze data on a monthly basis. To count by month in Google Sheets, simply use the "COUNTIF" function and specify the range of cells you want to count, followed by the criteria "MONTH(A1)=1" (where A1 is the cell containing the date). This will count the number of cells that fall within the specified month, allowing for efficient and accurate data analysis. This function can be applied to various types of data, such as sales figures, expenses, or website traffic, making it a valuable tool for businesses and individuals alike.

## Count by Month in Google Sheets

**You can use the following formula to count the number of occurrences by month in Google Sheets:**

**=SUMPRODUCT(1\*(MONTH(A1:A10)=11))**

**This particular formula counts the number of dates in the range A1:A10 that occur in the eleventh month (November) of the year.**

**The following example shows how to use this formula in practice.**

**Example: Count by Month in Google Sheets**

**Suppose we have the following dataset that shows the sales of some product on various dates:**

	A	B	C	D	
1	<b>Date</b>	<b>Sales</b>			
2	1/4/2022	40			
3	1/7/2022	22			
4	1/7/2022	25			
5	2/13/2022	35			
6	3/14/2022	34			
7	3/15/2022	34			
8	3/23/2022	30			
9	4/15/2022	20			
10	5/19/2022	25			
11	7/18/2022	10			
12	10/14/2022	18			
13	10/15/2022	19			
14					
15					
16					
17					
18					
19					
20					
21					
22					

Now suppose we'd like to count the number of dates by month.

To generate a list of unique month numbers, we can use the following formula:

**`=SORT(UNIQUE(MONTH(A2:A13)))`**

**We'll type this formula into cell D2:**

D2    fx    =SORT(UNIQUE(MONTH(A2:A13)))

	A	B	C	D	E
1	<b>Date</b>	<b>Sales</b>		<b>Month</b>	
2	1/4/2022	40		1	
3	1/7/2022	22		2	
4	1/7/2022	25		3	
5	2/13/2022	35		4	
6	3/14/2022	34		5	
7	3/15/2022	34		7	
8	3/23/2022	30		10	
9	4/15/2022	20			
10	5/19/2022	25			
11	7/18/2022	10			
12	10/14/2022	18			
13	10/15/2022	19			
14					
15					
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22					

Next, we can use the following formula to count the number of dates by month:

**=SUMPRODUCT(1\*(MONTH(\$A\$2:\$A\$15)=D2))**

We'll type this formula into cell E2, then copy and paste it into each remaining cell in column E:

E2  $\text{fx}$  =SUMPRODUCT(1\*(MONTH(\$A\$2:\$A\$13)=D2))

	A	B	C	D	E
1	Date	Sales		Month	Count
2	1/4/2022	40		1	3
3	1/7/2022	22		2	1
4	1/7/2022	25		3	3
5	2/13/2022	35		4	1
6	3/14/2022	34		5	1
7	3/15/2022	34		7	1
8	3/23/2022	30		10	2
9	4/15/2022	20			
10	5/19/2022	25			
11	7/18/2022	10			
12	10/14/2022	18			
13	10/15/2022	19			
14					
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From the output we can see:

Month 1 (January) occurred 3 times. Month 2 (February) occurred 1 time. Month 3 (March) occurred 3 times. Month 4 (April) occurred 1 time.

And so on.

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