

# How do I calculate the sum by month in Excel?

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## RECOMMENDED CITATION

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To calculate the sum by month in Excel, follow these steps:

1. Create a column for the months you want to calculate the sum for.
  2. In the adjacent column, enter the values you want to sum for each month.
  3. Select the entire range of cells for both columns.
  4. In the "Formulas" tab, click on the "AutoSum" button.
  5. A formula will be automatically generated, showing the sum for all the selected cells.
  6. Press "Enter" to calculate the overall sum.
  7. To get the sum for each month, use the "SUMIF" function and specify the criteria as the month in the formula.
  8. Repeat this process for each month to get the sum for each individual month.
  9. You can also use a pivot table to organize the sum by month for a more visual representation.
- Using these steps, you can easily calculate the sum by month in Excel and get a clear understanding of your data.

## Sum by Month in Excel (Step-by-Step Example)

**Often you may want to sum the values of some dataset in Excel based on month.**

**For example, suppose we have the following dataset and we'd like to sum the total sales by month:**

	A	B	C	D	E	F	G
1	<b>Date</b>	<b>Sales</b>					
2	1/1/2022	40					
3	1/19/2022	45					
4	1/24/2022	32					
5	2/2/2022	38					
6	2/13/2022	12					
7	3/14/2022	40					
8	3/15/2022	22					
9	3/17/2022	24					
10	3/20/2022	25					
11							
12							
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21							

**The following step-by-step example shows how to do so.**

**Step 1: Enter the Data**

**First, enter the data values into Excel:**

	A	B	C	D	E	F	G
1	<b>Date</b>	<b>Sales</b>					
2	1/1/2022	40					
3	1/19/2022	45					
4	1/24/2022	32					
5	2/2/2022	38					
6	2/13/2022	12					
7	3/14/2022	40					
8	3/15/2022	22					
9	3/17/2022	24					
10	3/20/2022	25					
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## Step 2: Extract the Month from Dates

Next, we need to use the **=MONTH()** function to extract the month from each date.

In our example, we'll type the following formula in cell D2:

**=MONTH(A2)**

We'll then drag and fill this formula down to every remaining cell in column D:

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F	G
1	<b>Date</b>	<b>Sales</b>		<b>Month</b>			
2	1/1/2022	40		1			
3	1/19/2022	45		1			
4	1/24/2022	32		1			
5	2/2/2022	38		2			
6	2/13/2022	12		2			
7	3/14/2022	40		3			
8	3/15/2022	22		3			
9	3/17/2022	24		3			
10	3/20/2022	25		3			
11							
12							
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### Step 3: Find the Unique Months

Next, we need to use the **=UNIQUE()** function to produce a list of unique months.

In our example, we'll type the following formula in cell **F2**:

**=UNIQUE(D2:D10)**

	A	B	C	D	E	F	G
1	<b>Date</b>	<b>Sales</b>		<b>Month</b>		<b>Unique Months</b>	
2	1/1/2022	40		1		1	
3	1/19/2022	45		1		2	
4	1/24/2022	32		1		3	
5	2/2/2022	38		2			
6	2/13/2022	12		2			
7	3/14/2022	40		3			
8	3/15/2022	22		3			
9	3/17/2022	24		3			
10	3/20/2022	25		3			
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#### Step 4: Find the Sum by Month

Next, we will use the **SUMIF(range, criterion, sum\_range)** function to find the sum of the sales made during each month.

In our example, we'll type the following formula in cell **G2**:

**=SUMIF(\$D\$2:\$D\$10, F2, \$B\$2:\$B\$10)**

We'll then drag and fill this formula down to the

## remaining cells in column G:

G2							
=SUMIF(\$D\$2:\$D\$10, F2, \$B\$2:\$B\$10)							
	A	B	C	D	E	F	G
1	<b>Date</b>	<b>Sales</b>		<b>Month</b>		<b>Unique Months</b>	<b>Total Sales</b>
2	1/1/2022	40		1		1	117
3	1/19/2022	45		1		2	50
4	1/24/2022	32		1		3	111
5	2/2/2022	38		2			
6	2/13/2022	12		2			
7	3/14/2022	40		3			
8	3/15/2022	22		3			
9	3/17/2022	24		3			
10	3/20/2022	25		3			
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### This tells us:

There were 117 total sales made in January. There were 50 total sales made in February. There were 111 total sales made in March.

### Additional Resources

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