

How to make a thermometer template in Excel

Using a thermometer chart in Excel is a good choice for keeping track of financial goals. Here are detailed step-by-step instructions on how to make a heat chart in Excel.

Using a **thermometer chart in Excel** is a good choice for keeping track of financial goals. Here is a **detailed step-by-step guide on how to make a heat chart in Excel** .



Whether you're planning a vacation, running a marathon, or saving money to build the home of your dreams, you'll want to keep track of your progress.

A good way to do this is to use a thermometer chart in Excel. It is a simple, effective way to track a financial goal and share it with your team, partners or friends.

Spreadsheet Setup

Before making the thermometer, we need to set the goal. In this case, look at the plan to track funds for a group trip.

1. Open a new worksheet in Excel.
2. Create an Excel table with 2 columns: one for **Month** and one for **Amount Deposited** .
3. Below the table, pay attention to the cells: **Target** , **Total** and **Percentage** . Here, we will create formulas for thermometers.

Annual Team Outing		
Fundraising Thermometer		
Month	Funds	
1	565	
2	4056	
3	3258	
4	14578	
5	326	
6	3254	
7	1289	
8	5874	
9	9658	
10	12054	
11	505	
12	9517	
Target		

4. Next to **Target** , enter the target amount in column B. The target here is 115,000 USD.

5. Next to **Total** , write the formula:

=Sum (B5 : B16)

This formula shows the amount collected in column B.

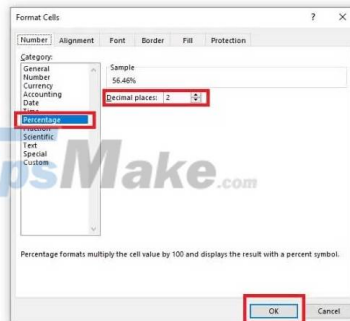
6. Finally, we can calculate the percentage by:

=B20 / B19

Enter it in column B21.

7. Change the format to percentage by right-clicking on the cell and selecting **Format Cells** . Change the directory to **Percentage** , select the number of decimal places you want to display and press **OK** .

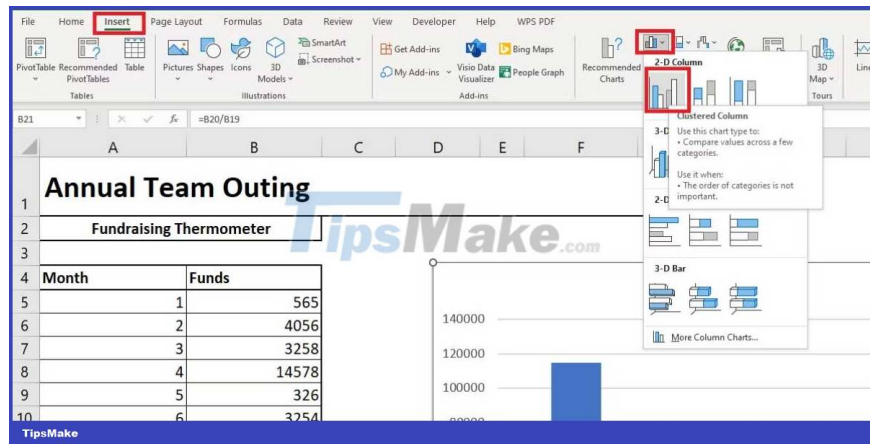
Fundraising Thermometer		
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5	326	
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7	1289	
8	5874	
9	9658	
10	12054	
11	505	
12	9517	
Target	115000	
Total	64934	



Create a heat chart in Excel

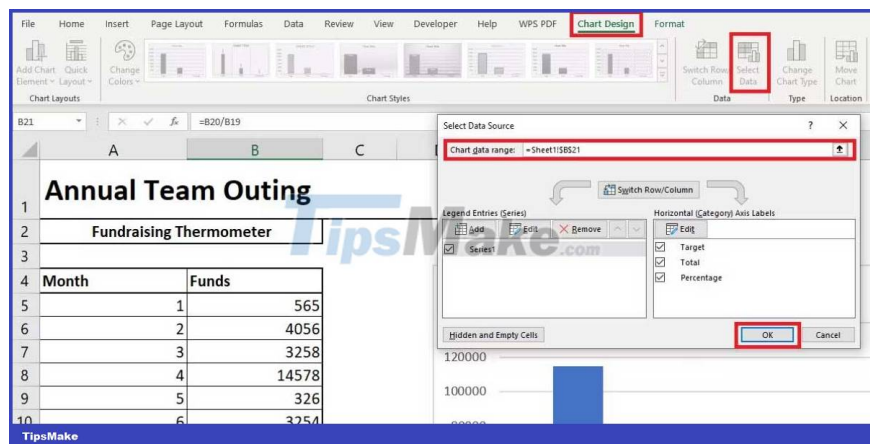
1. Click the **Insert** tab .

2. In the **charts** section , click **insert column or bar chart** and select **2-D Clustered Column** .

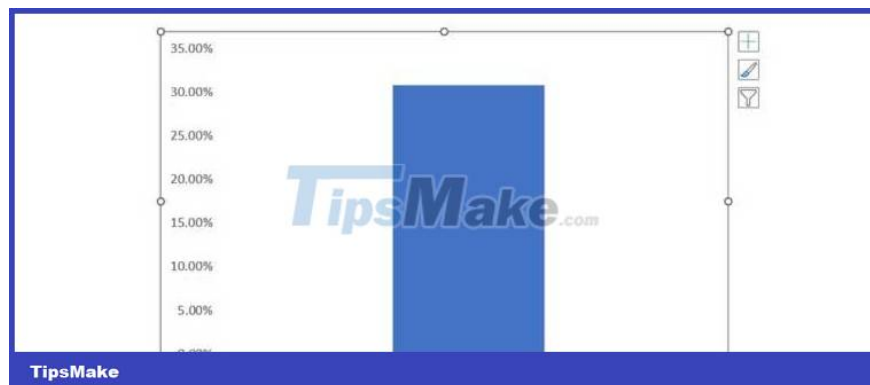


This action will create a chart next to your table.

3. Next, add the table to the chart using **Select Data** . Select the cell that contains the percentage of the total. Click **OK** to populate the chart.

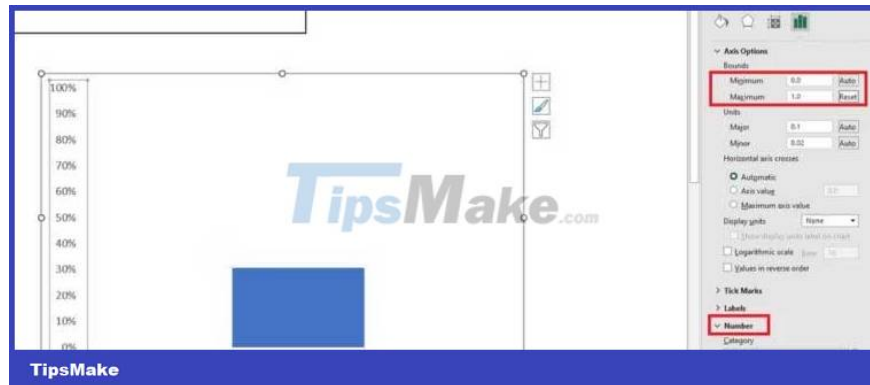


4. You can now split the chart. Right click on the chart name and delete it. Do the same for column headers and horizontal lines.



Note: If you don't want to delete them, you can hide the chart axes in Excel.

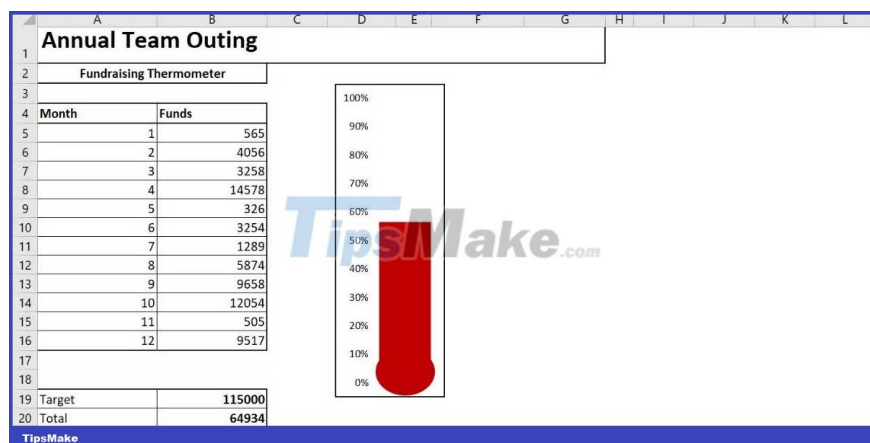
5. Double-click the y-axis to open the dialog box. From here, you can change the chart's **minimum** and **maximum limits to 0.0** and **1.0** respectively. Before closing the menu, select **Numbers** and change the decimal place to 0.



6. Right-click the column and select **Format Data Series** . Adjust the **Gap Width** to **0** .

This action ensures your column fills the chart area, rather than trying to hide in the corner. You can now shrink the chart to a thermometer-like size.

7. Finally, go back to the **Insert** tab , select **Shapes** and find a nice oval shape. Draw an oval and add it to the bottom of the heat chart, then resize the chart area. It should fit snugly around the round end of the thermometer, such as:



Note: You can change the thermometer to red by right clicking on the colored part and changing the fill color.

Add details to a heat chart in Excel

If you're tracking large amounts of money in a long-term plan, it can be helpful to review the date of the biggest increase, especially in philanthropic activities. From there, you can analyze your team's performance.

First, change the Excel table. You need more details, including the date and name of the donor. You need to separate the date and received amount columns. This way you can monitor each variable.

Next, you need to set up Dynamic Named Range. Named ranges are useful in providing control over a group of cells without having to update the formula. You can automatically request formulas for any data added to the table.

Dynamic Named Range settings

To make things easier later, make your board a full-fledged board. Do this by selecting the entire table area. **Select Format as Table** , and then select the style you want. Check the box next to **My Table Has Headers** and click **OK** .

You now have a searchable table with headers. Next, we can link the table to the totals (cell B20).

1. In the totals box, enter:

```
=SUM( Table1[ Amount ] )
```

This formula requires the cell to calculate the **Amount** column . The percentage information remains the same, by dividing the total by the goal, and is still linked to the thermometer.

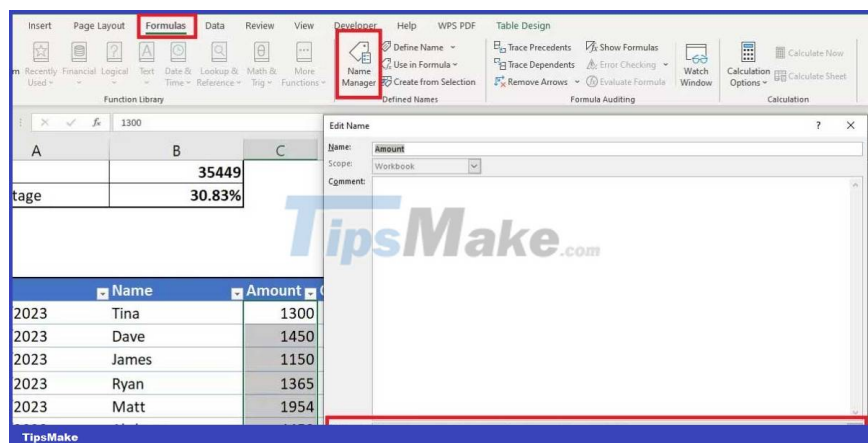
2. Select the contents of the **Amount column (C26:C41)** .

3. Select the **Formulas** tab and define **the Name Manager** . Click **New** .

4. In the **Refers to** box , you'll see **=Table1[Amount]** . You need to add the formula below so that each time you add a value to the **Amount** column , your total will automatically increase.

```
=OFFSET( Sheet1!$C$1 , 0 , 0 , COUNTA( Sheet1!$C:$C ) , 1 )
```

The formula will look like this:



Adding dates using SUMIFS

SUMIFS is a powerful formula that allows comparing information from two or more sources. Use the SUMIFS function to calculate the number of donations in 14 days. The result will look like this:

1. Enter the start date (cell G26).

2. In cell G27, type:

```
=G26+14
```

Excel will automatically insert the date for you and keep updating it based on cell G26.

3. G28 will contain the SUMIFS formula. In this box, type:

```
=SUMIFS($C$26:$C$95,$A$26:$A$95,">="&$G$26,$A$26:$A$95,"="&$G$27)
```

4. Now, cell G28 will represent the value of the donations received between the dates you specified.

It's done!

Above is **how to draw a thermometer chart in Excel** . Hope the article is useful to you.

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