

How can I display percentages in a stacked column chart in Excel?

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RECOMMENDED CITATION

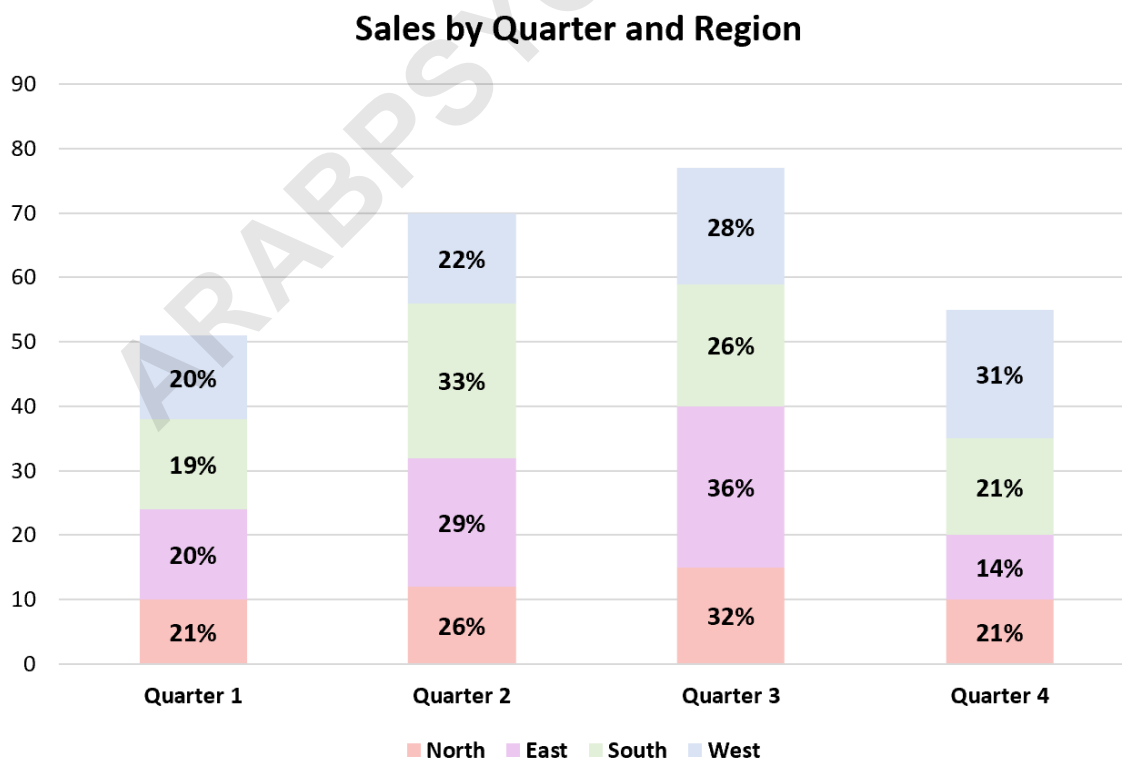
stats writer (2024). *How can I display percentages in a stacked column chart in Excel?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=147571>

To display percentages in a stacked column chart in Excel, first select the data you want to represent in the chart. Then, click on the "Insert" tab and select "Column Chart" from the "Charts" section. Next, right-click on the chart and click on "Format Data Series." In the "Format Data Series" window, go to the "Series Options" tab and select "Stacked Column" under "Plot Series On." Finally, click on the "Data Labels" tab and check the box next to "Percentage." This will display the percentages for each stacked column in the chart.

Excel: Show Percentages in Stacked Column Chart

Occasionally you may want to show percentage labels in a stacked column chart in Excel.

This tutorial provides a step-by-step example of how to create the following stacked bar chart with percentage labels inside each bar:



Let's jump in!

Step 1: Enter the Data

First, let's create the following dataset that shows the total sales made in each quarter by retail stores in various different regions:

	A	B	C	D	E	F
1	Region	Quarter 1	Quarter 2	Quarter 3	Quarter 4	
2	North	10	12	15	10	
3	East	14	20	25	10	
4	South	14	24	19	15	
5	West	13	14	18	20	
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						

Step 2: Calculate the Percentage Values

Next, we'll calculate the percentage of sales made in each quarter for each region.

We'll type the following formula into cell B7:

=B2/SUM(\$B2:\$E2)

We can then click and drag this formula to the right to each quarter, then click and drag it down to each region:

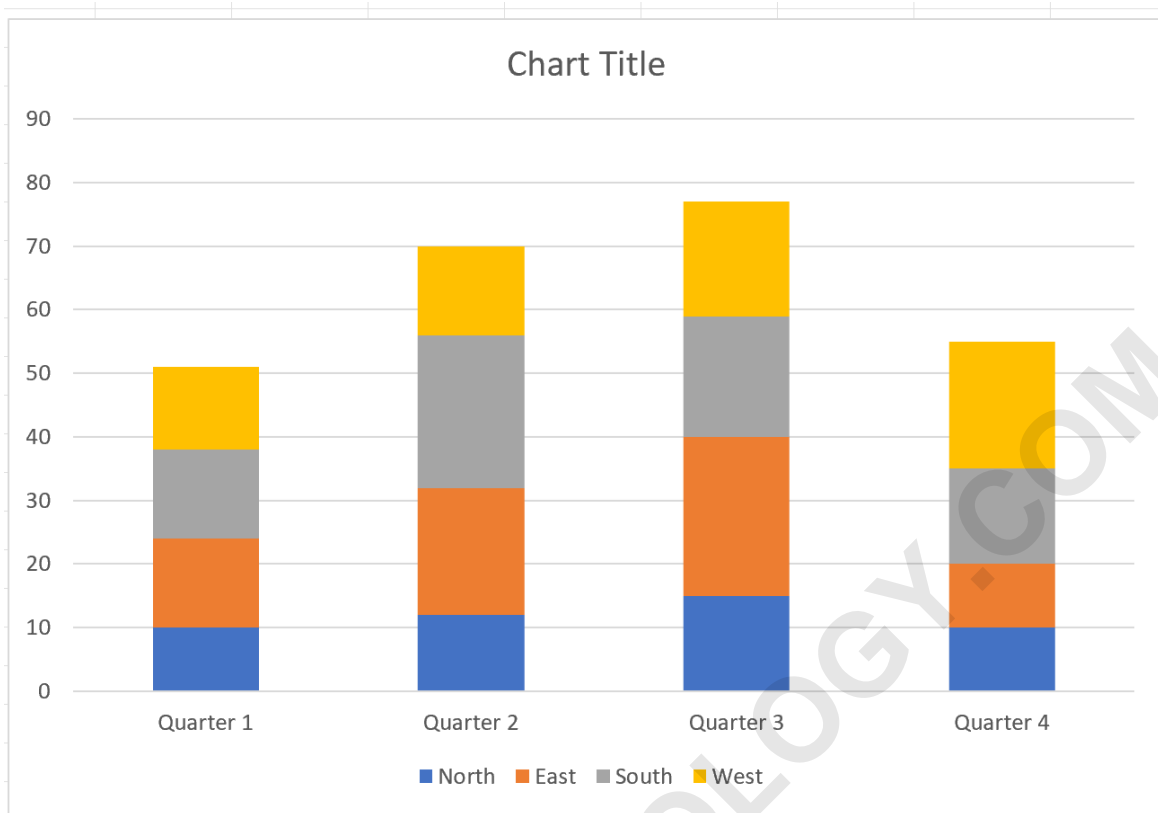
	A	B	C	D	E	F
1	Region	Quarter 1	Quarter 2	Quarter 3	Quarter 4	
2	North	10	12	15	10	
3	East	14	20	25	10	
4	South	14	24	19	15	
5	West	13	14	18	20	
6						
7		0.212766	0.255319	0.319149	0.212766	
8		0.202899	0.289855	0.362319	0.144928	
9		0.194444	0.333333	0.263889	0.208333	
10		0.2	0.215385	0.276923	0.307692	
11						
12						
13						
14						
15						
16						
17						
18						

Next, highlight the cell range B7:E10 and then click the % symbol within the Number group on the Home tab to display these values as percentages:

	A	B	C	D	E	F
1	Region	Quarter 1	Quarter 2	Quarter 3	Quarter 4	
2	North	10	12	15	10	
3	East	14	20	25	10	
4	South	14	24	19	15	
5	West	13	14	18	20	
6						
7		21%	26%	32%	21%	
8		20%	29%	36%	14%	
9		19%	33%	26%	21%	
10		20%	22%	28%	31%	
11						
12						
13						
14						
15						
16						
17						

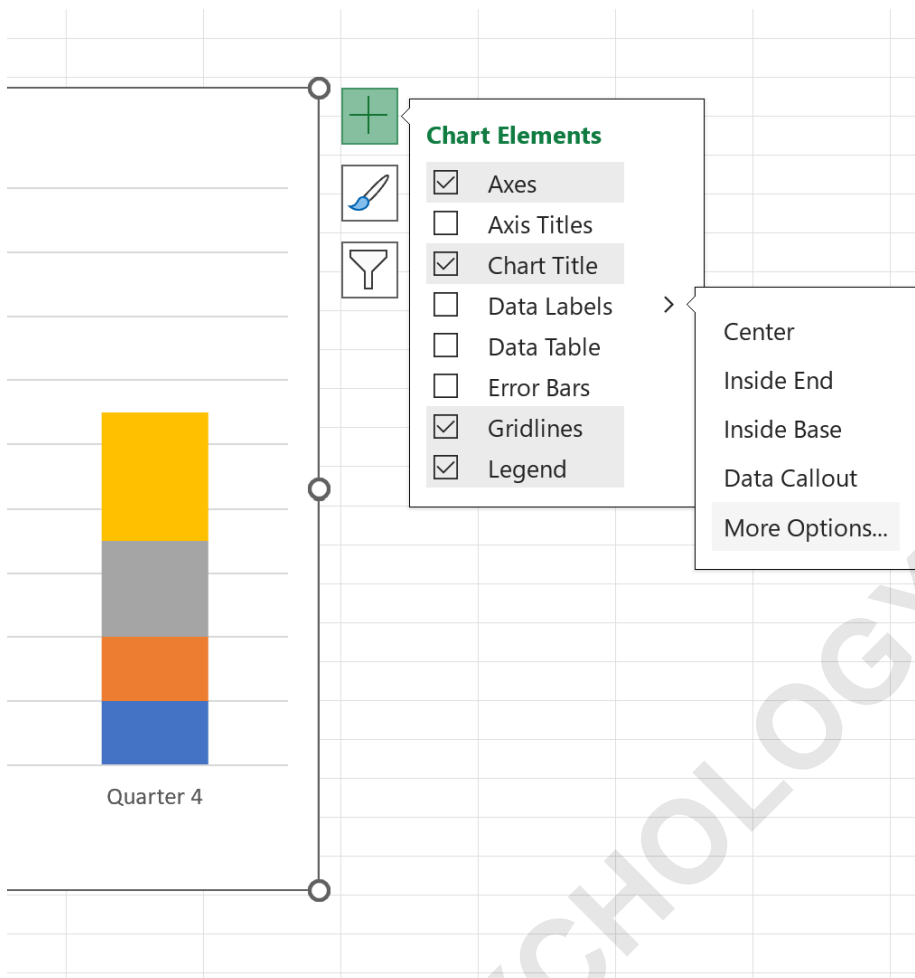
Step 3: Create Stacked Column Chart

Next, highlight the cell range A1:E5, then click the Insert tab along the top ribbon, then click Stacked Column within the Charts group.



Step 4: Add Percentage Labels

Next, click any of the yellow bars on the chart. Then click the tiny green plus sign in the top corner. Then click the dropdown arrow next to Data Labels and then click More Options:

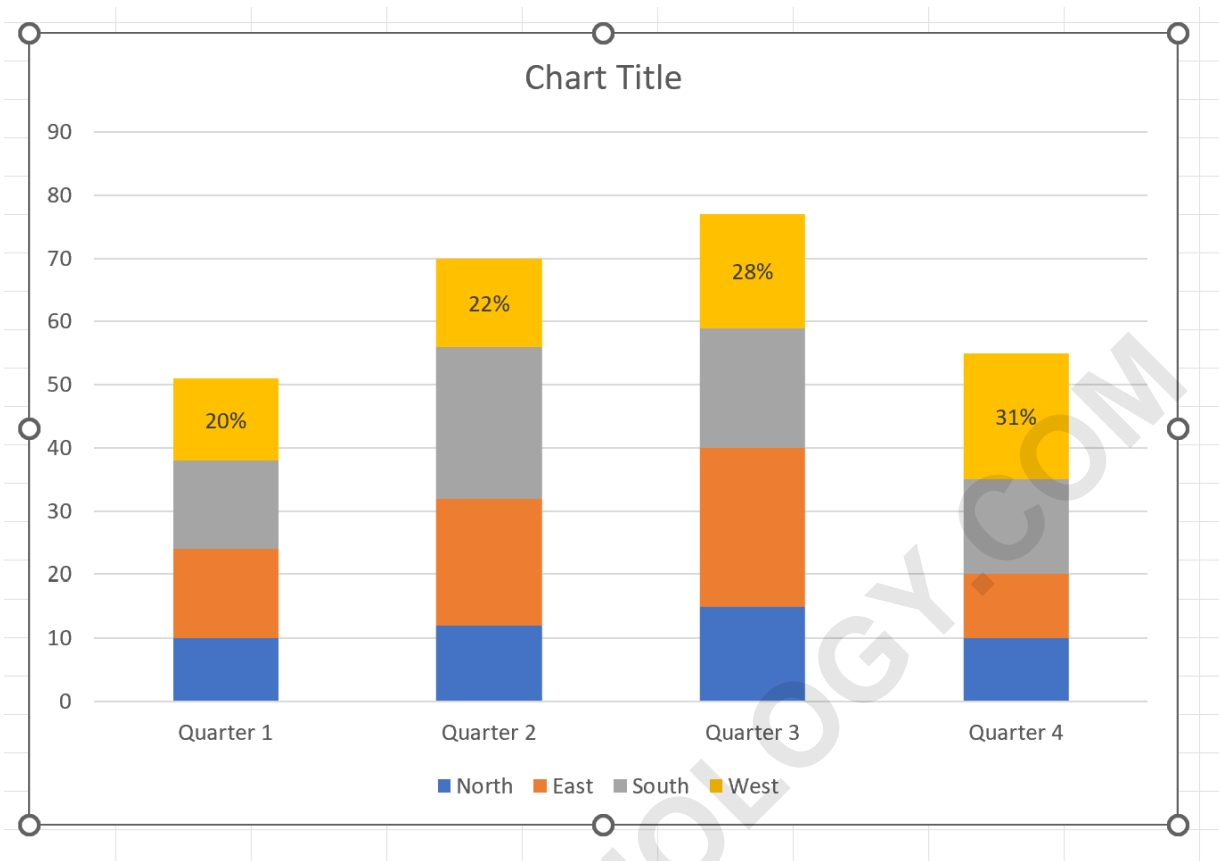


In the Format Data Labels panel that appears on the right side of the screen, uncheck the box next to Values, then check the box next to Value From Cells and choose B10:E10 as the range.

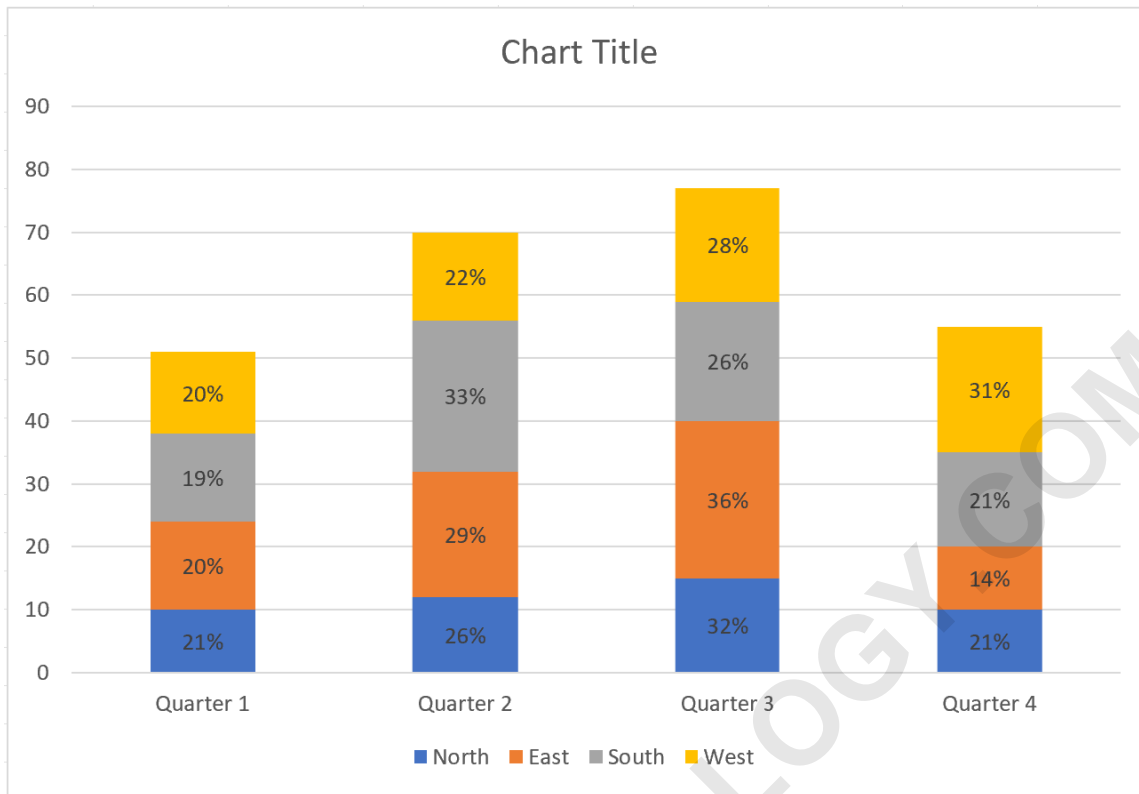
The screenshot shows an Excel spreadsheet with columns R, S, and T. A 'Format Data Labels' task pane is open on the right, and a 'Data Label Range' dialog box is open in the foreground. The dialog box contains the text 'Select Data Label Range' and the formula '=Sheet2!\$B\$10:\$E\$10'. The 'Format Data Labels' task pane has the following settings:

- Label Options**
 - Value From Cells
 - Series Name
 - Category Name
 - Value
 - Show Leader Lines
 - Legend key
- Separator**: ,
- Reset Label Text** button
- Label Position**
 - Center
 - Inside End
 - Inside Base
- > Number**

Once you click OK, percentage labels will be added to the yellow bars:

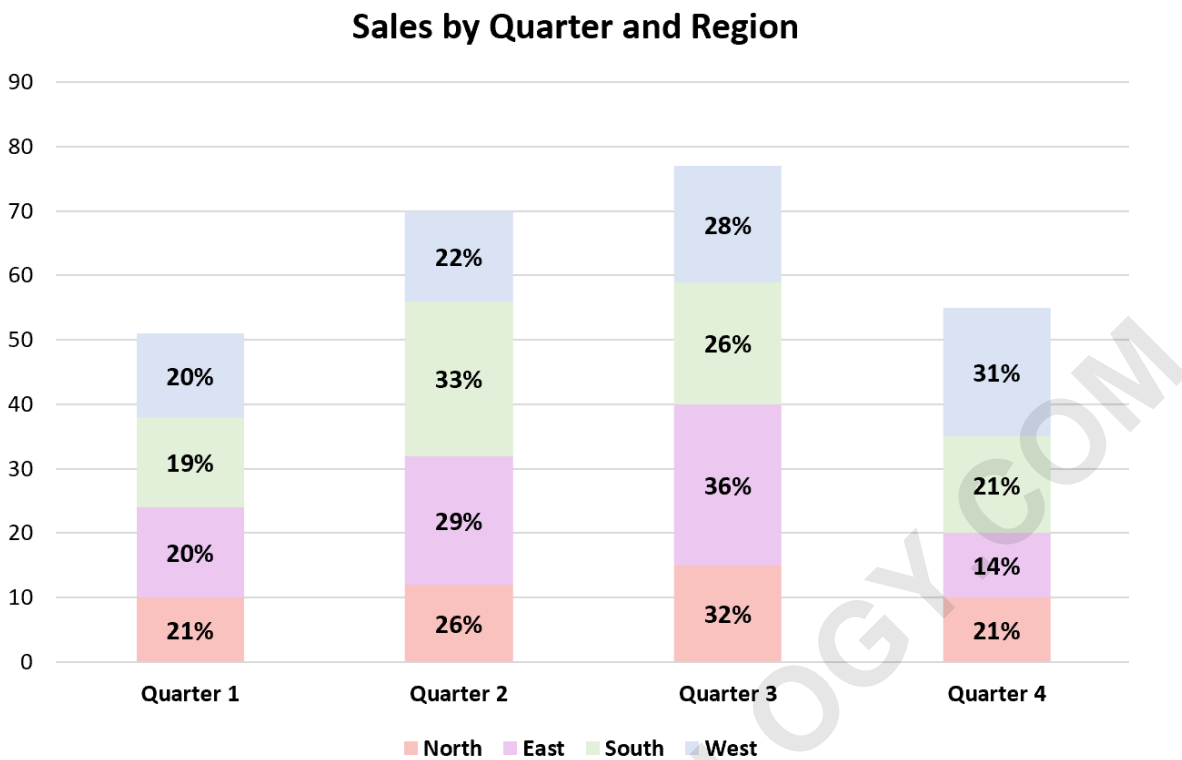


Repeat this process for the grey, orange and blue bars:



Step 5: Customize the Chart (Optional)

Feel free to add a title, customize the colors, and adjust the font size of the text to make the plot more aesthetically pleasing:



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