

# How can I create an Excel chart that ignores blank axis labels?”

Authored by  
**stats writer**

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## RECOMMENDED CITATION

stats writer (2024). *How can I create an Excel chart that ignores blank axis labels?”*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=154948>

Creating an Excel chart that ignores blank axis labels can be achieved by adjusting the chart's data source. By selecting only the cells that contain data and excluding the blank cells, the chart will automatically adjust and remove any blank axis labels. This allows for a more visually clear and accurate representation of the data without cluttering the chart with unnecessary labels. Additionally, by formatting the axis labels to display as "none" or "blank," the chart will not display any labels for the excluded data points. This method is useful for creating professional and informative charts in Excel.

## **Excel: Create Chart & Ignore Blank Axis Labels**

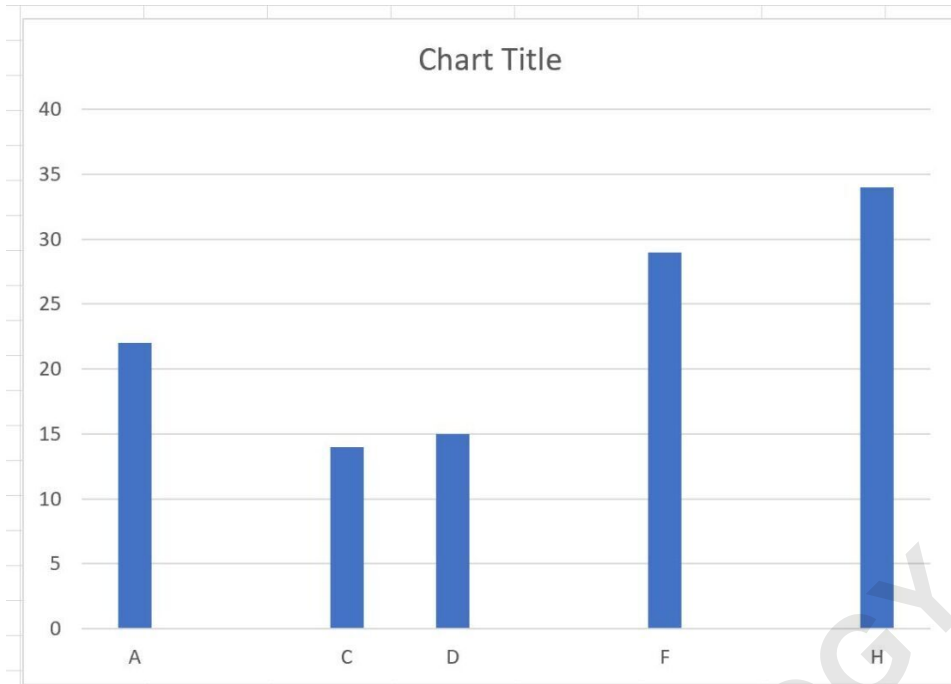
**This tutorial provides a step-by-step example of how to create a chart in Excel and ignore blank axis labels.**

### **Step 1: Enter Data with Some Blank Values**

**First, let's enter the following dataset into Excel that contains some blank values for the axis labels:**

	A	B	C	D	E
1	<b>Store</b>	<b>Sales</b>			
2	A	22			
3					
4	C	14			
5	D	15			
6		0			
7	F	29			
8					
9	H	34			
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

**If we highlight this range of data and insert a bar chart, the x-axis will have several blank values:**



## Step 2: Modify the Data to Remove Blank Values

In this step, we'll create a new dataset that removes all of the blank values from the original dataset.

First, type the following formula into cell D2:

```
=IFERROR(INDEX($A$2:$A$9,AGGREGATE(15,3,ROW($A$2:$A$9)-ROW($A$1)/($A$2:$A$9<>""),ROWS($A$2:A2))),"
```

Then drag the formula down to the other cells in column D until you encounter a blank value:

D2    fx    =IFERROR(INDEX(\$A\$2:\$A\$9,AGGREGA

	A	B	C	D	E	F	G
1	Store	Sales		Store			
2	A	22		A			
3				C			
4	C	14		D			
5	D	15		F			
6		0		H			
7	F	29					
8							
9	H	34					
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

Next, type the following formula into cell E2:

**=INDEX(\$B\$2:\$B\$9,MATCH(D2,\$A\$2:\$A\$9,0))**

Then drag the formula down to the remaining cells in column E:

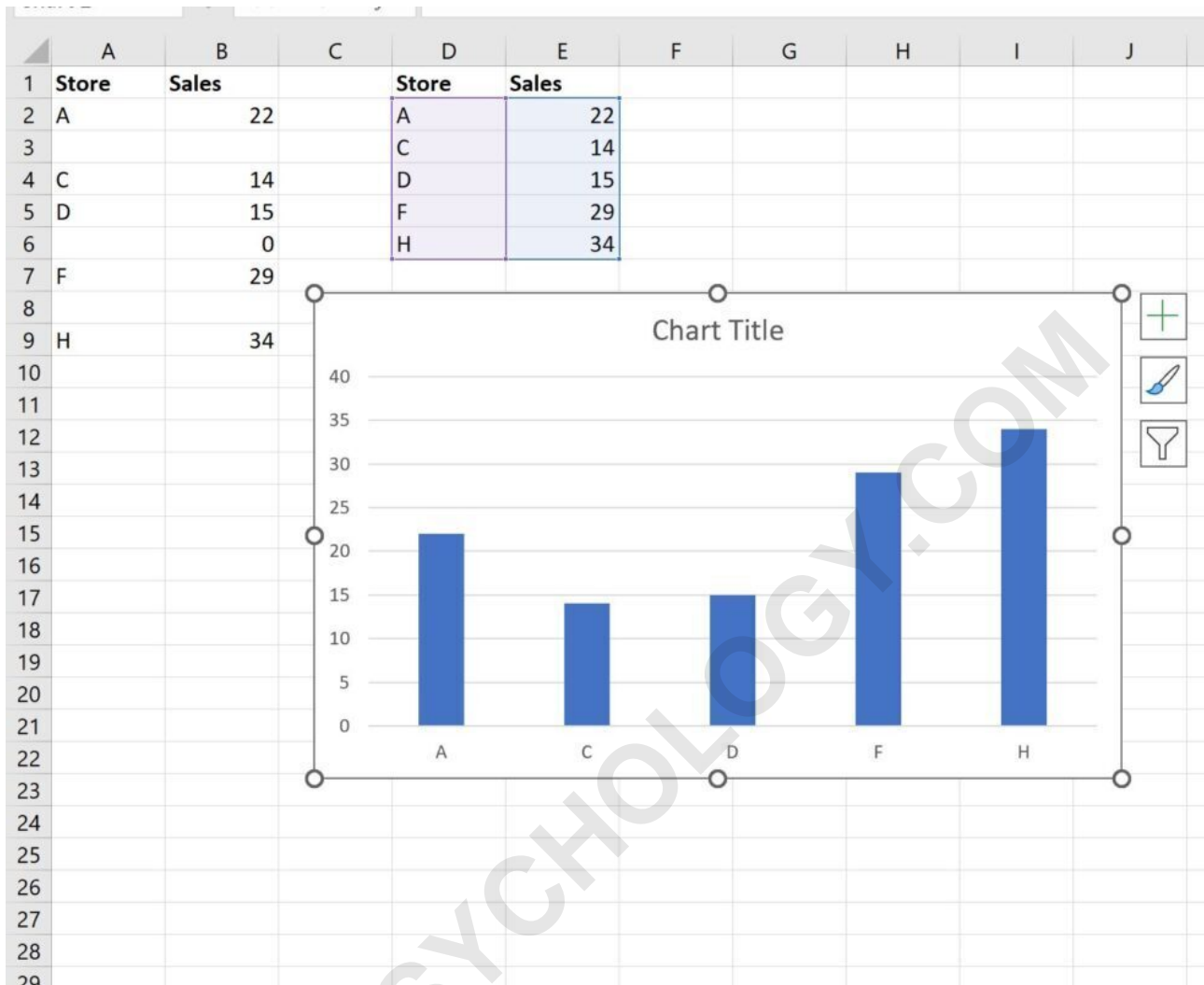
E2    `=INDEX($B$2:$B$9,MATCH(D2,$A$2:$A$9,0))`

	A	B	C	D	E	F	G	H
1	Store	Sales		Store	Sales			
2	A	22		A	22			
3				C	14			
4	C	14		D	15			
5	D	15		F	29			
6		0		H	34			
7	F	29						
8								
9	H	34						
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**We have successfully created a new dataset that contains only the rows where the value in the original "Store" column is not blank.**

**Step 3: Create the Chart with No Blank Axis Labels**

**We can now highlight the cells in the range D2:E6, then click the Insert tab along the top ribbon, then click the icon called Clustered Column within the Charts group:**



**Notice that the x-axis of the chart contains no blank labels since we used the modified dataset to create this chart.**

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