

How to graph functions in Excel

Graph different Excel functions when drawing graphs in Excel.

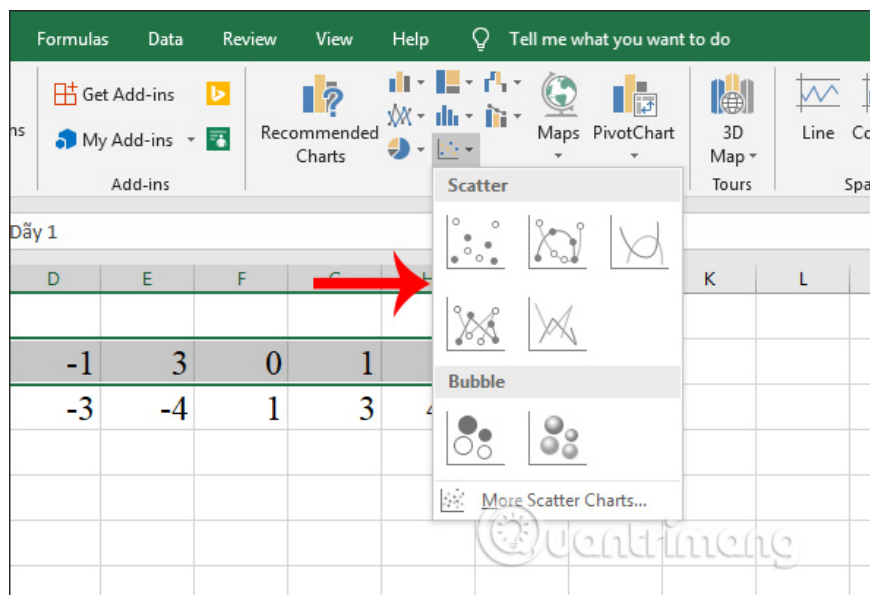
Drawing charts on Excel is a simple and basic operation when we work with office tools. Users can then choose the most suitable chart type to perform, or compare the data in the table according to their needs. And besides drawing regular figures, we can also graph functions in Excel. To plot function graphs, there are many supporting software, especially GeoGebra graphing software, quality visual geometry for teachers and students. However, we can also show simple graphs right on Excel with the tutorial below.

1. How to draw a map chart on Excel
2. How to create 2 Excel charts on the same image
3. How to draw a straight line, draw an arrow in Excel
4. Create Excel charts that automatically update data with these three simple steps

Instructions for graphing functions in Excel

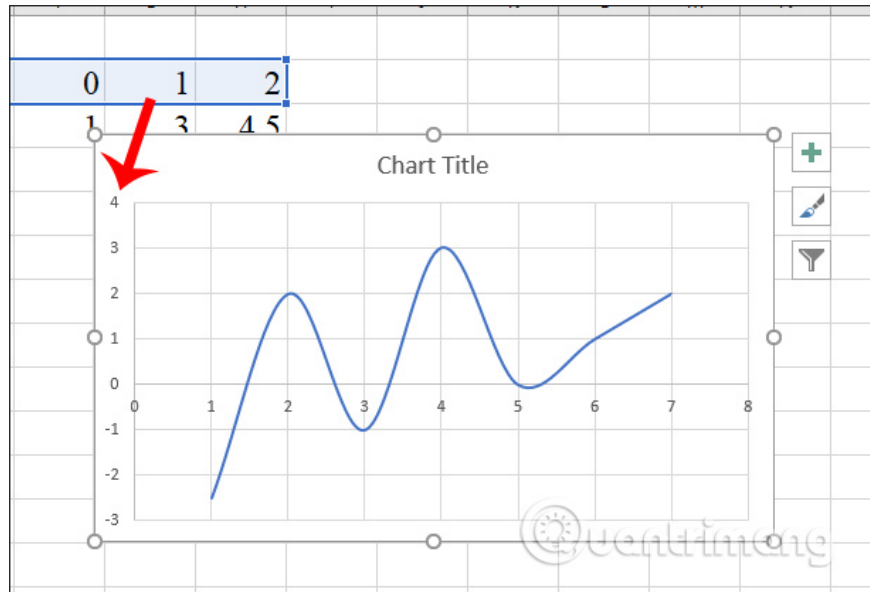
Step 1:

You must first enter the number sequence for the equation as shown below. Next, highlight the number 1 and click **Insert** to select the **Scatter** icon to select the graph you want to use.

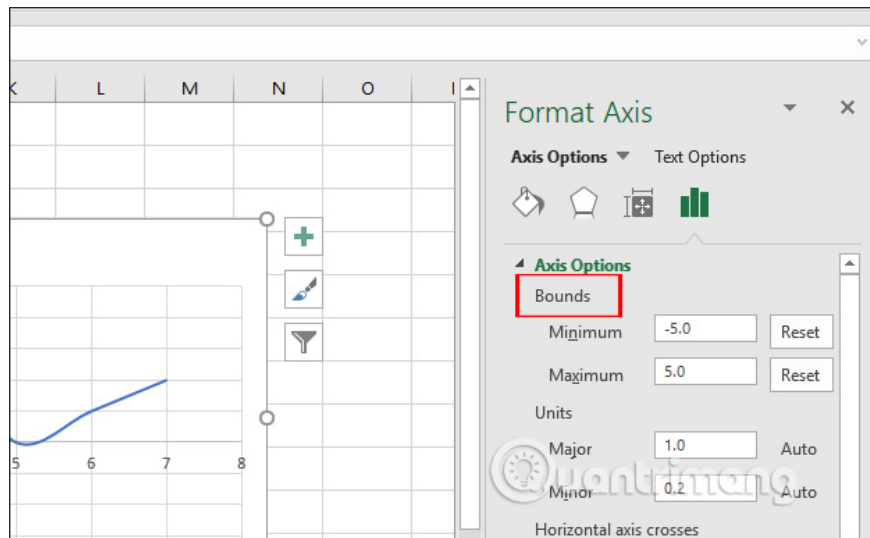


Step 2:

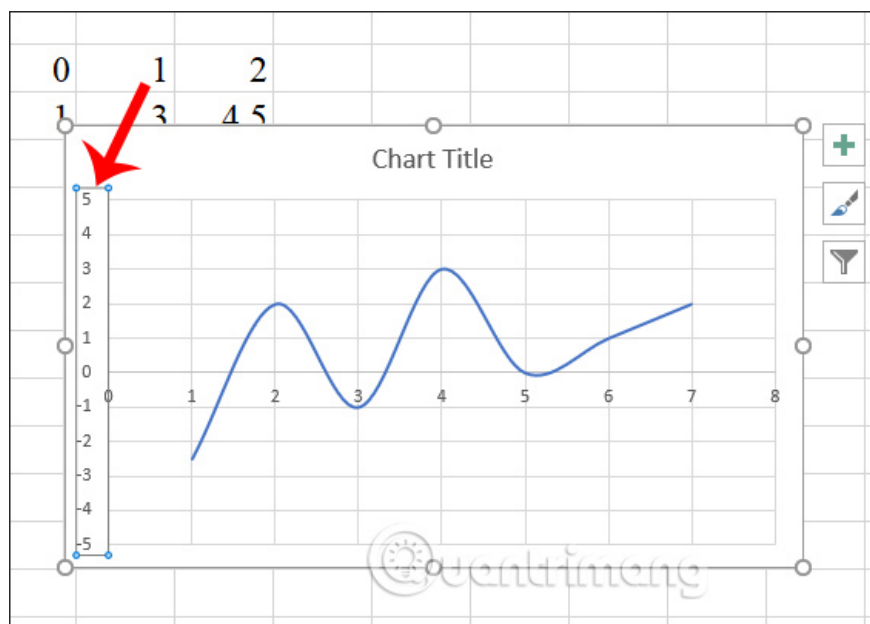
Next we double-click on **the left vertical line of numbers** displayed in the graph.



Display the interface on the right so that the user proceeds to adjust the value of the graph. At the **Bounds** section you edit the min and max values to -5.0 and 5. The part to enter the min value, max will depend on the maximum and minimum values of the series 1 and 2 in the table.

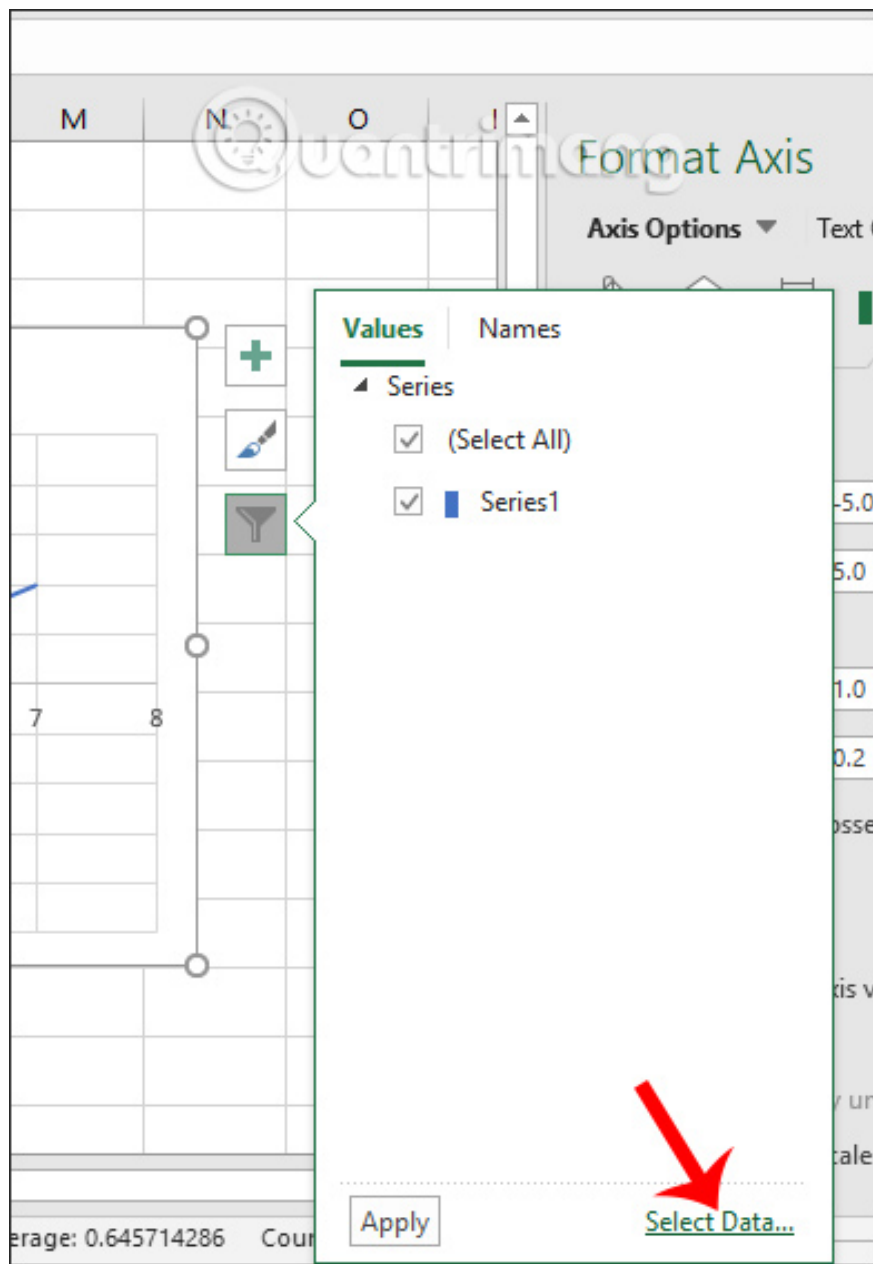


Then the graph will change the values at the left vertical number sequence as shown.

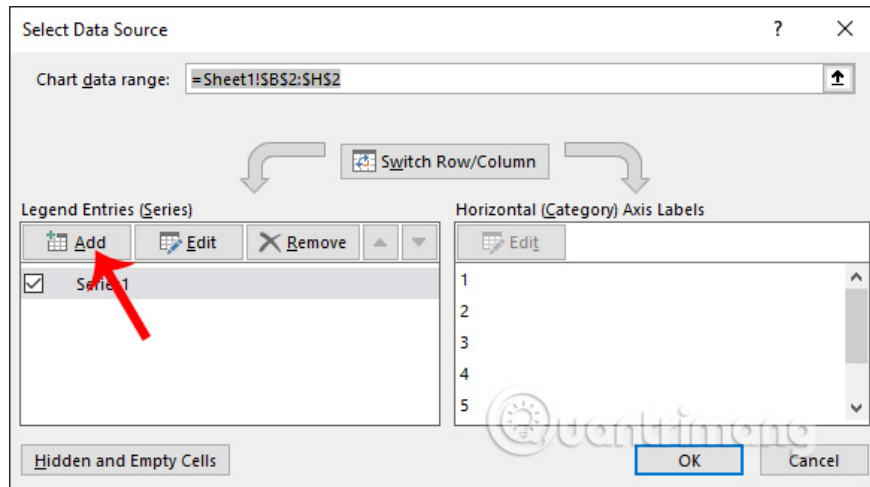


Step 3:

In the function graph, users click on **the funnel-shaped icon** and display the next interface, click on **Select Data**

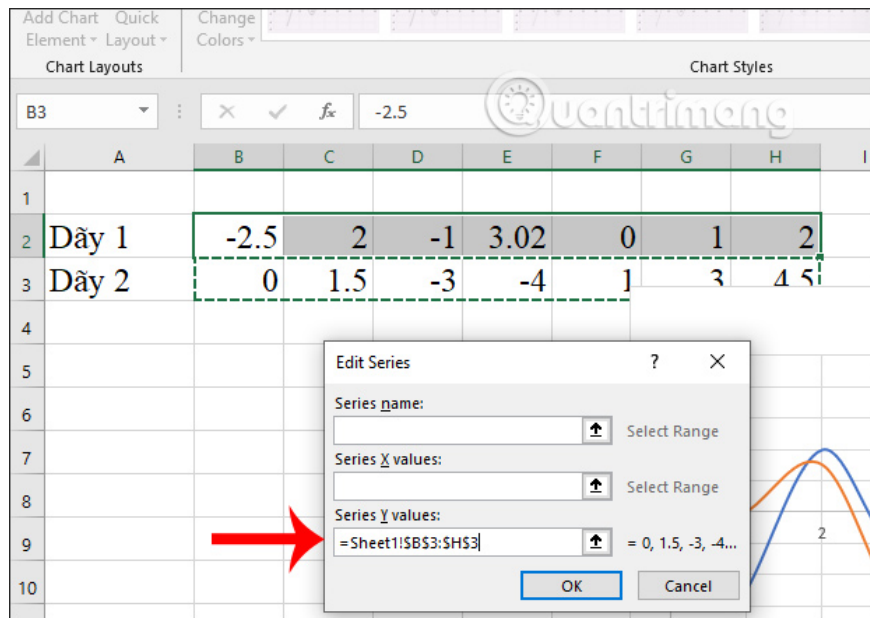


In the Select Data Source interface, click **the Add button** to add a value to the chart.



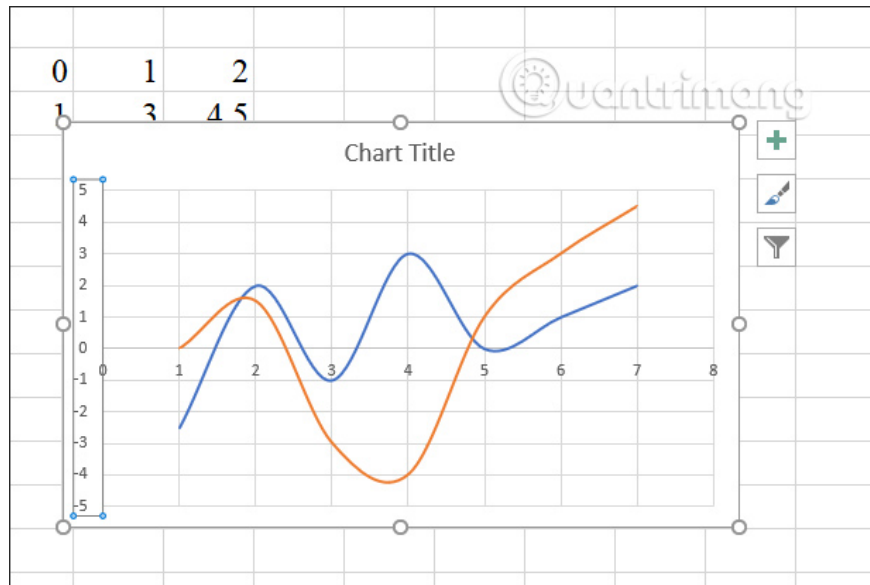
Step 4:

In the new interface in the **Series Y value** , users use the mouse to highlight **the second number** in the table to enter values ??for the Y series. Click OK to add the value.



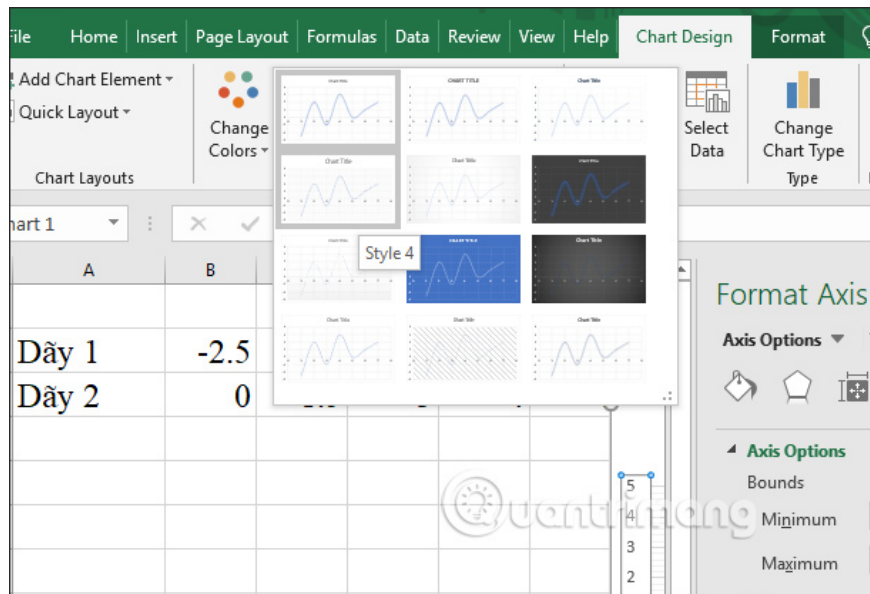
Step 5:

As a result, we have a graph of functions drawn on Excel as shown below.

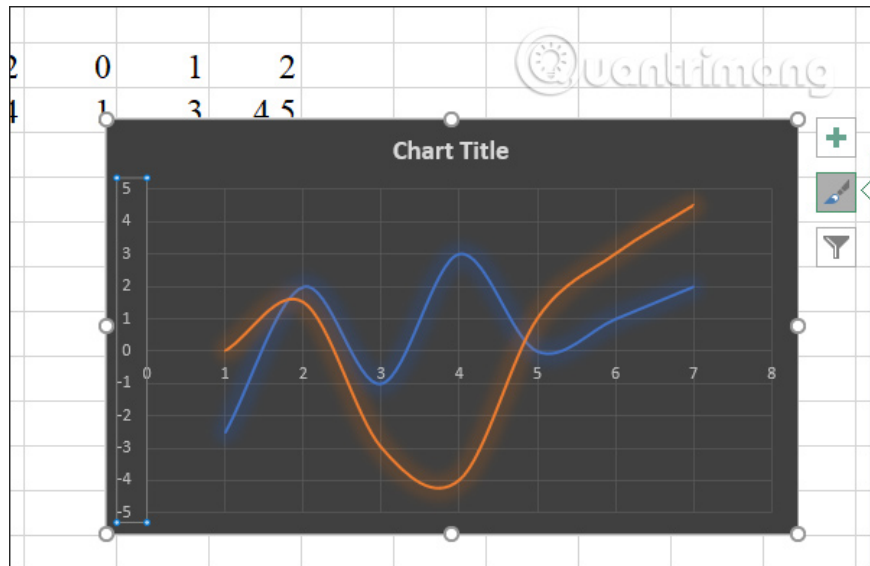


Step 6:

If the user wants to change the chart display type again, in the **Chart Styles** section we select the chart type that we want to use.



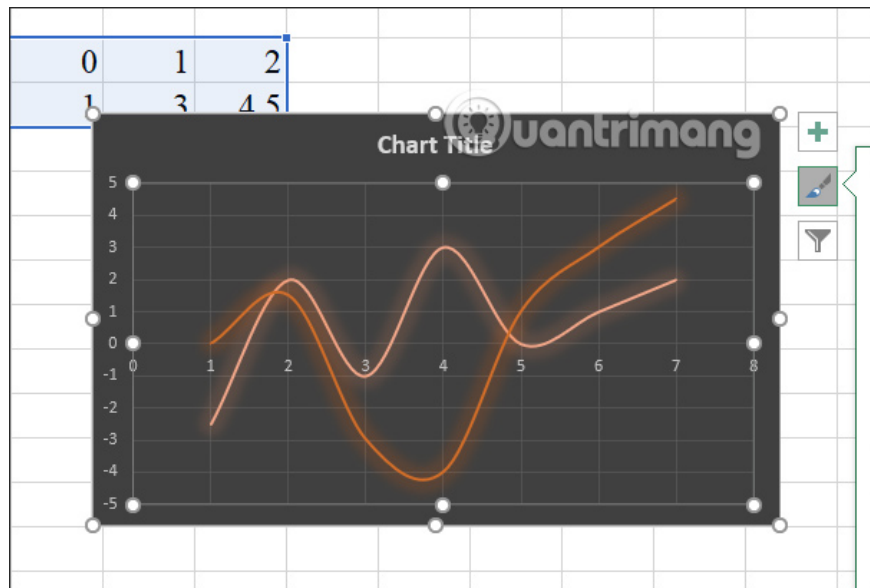
The chart type will be changed soon.



To change the color for each value in the function chart, users click on **the brush icon** , click on **Color** and then select another color set to display for the graph in the graph.

The screenshot shows the 'Format Plot Area' task pane with the 'Chart Styles' section expanded. The 'Monochromatic' section is selected, displaying a grid of color swatches. Below the grid, the text 'How do I change these colors?' is visible. The background shows the chart from the previous image, with the x-axis values 6, 7, and 8 visible.

Soon the function graph has been changed to a new color.



The above is a step by step graphing functions in Excel with basic and simple graphs. After the drawing is completed, we continue to follow the steps to change the display type, enter the graph name as when creating a normal chart in Excel.

I wish you all success!

You finished reading the article "**How to graph functions in Excel**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.