Line Graph

A line graph displays continual data over a period of time using points to show each result and lines to connect them. This graph is best used to show how a variable changes over time, such as temperature and rainfall.



Bar Graph

A bar graph compares different groups or categories and is best used when the data displayed is not continuous, or you are not trying to find patterns over time. For example, if you are counting the number of birds in an area, each species would be in its own category.



Scatter Plot

Scatter plots are similar to line graphs in that they show continuous data over a period of time. The difference is that they compare changes in two different variables at the same time. For this reason, scatter plots are great for showing the connection between two continuous variables, like height and weight.



Pie Chart

Pie charts look like a circle divided into sections representing different parts of one whole. They are used to show one moment in time rather than changes over a longer period of time.

