

Name: _____

Percent Bar Graphs

Percent bar graphs, also called percentage bar graphs or charts, show the relative frequency of each value, value range, or category in a data set. That is, they show what portion of the whole each represents.

Percent bar graphs pair with relative frequency tables. To find relative frequency, divide frequency by the total data set size. Multiply by 100 to convert to percent.

There are two main kinds of percent bar graphs.

1. Stacked or Segmented

Stacked or segmented percent bar graphs use a percent scale and one horizontal

Birth Seasons in Ms. Kerr's Class		
Season	Frequency	Relative Frequency
spring	4	0.20 → 20%
summer	3	0.15 → 15%
fall	6	0.30 → 30%
winter	7	0.35 → 35%



Preview

Please log in to download the printable version of this worksheet.

Careful!

When making or interpreting this style of graph, remember to consider each segment's total percent, **not** where it aligns to the scale.



= winter

2. Divided

Divided percent bar graphs look almost identical to standard bar graphs. However, the dependent variable is the percentage relative frequency, not standard frequency.

Pay attention to axis labels!

