

Multiple Bar Charts

A multiple bar chart (also known as a comparative bar chart) is a statistical diagram that uses *several vertical bars per variable* to represent frequencies for data which can then easily be compared.

A key is then used to determine which bar represents which data set

We usually label our x axis as our variables and our y axis as our frequencies

- There must be a key
- All bars must be equal in width
- All variables must have equal gaps between them but bars for the same variable may touch
- The frequencies must start at 0 but may have a scale break

A multiple bar chart can be used for:

- ✓ Qualitative Data
- ✓ Discrete Data