



## Two-way Frequency Tables Analysis

### Today's Standard

HSS.ID.B5 - Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.

### Real-World Applications for this Standard

Analyzing survey results; Market research data interpretation; Sports statistics; Medical study data; Social science research

### Today I Learned

Today, we learned how to use two-way tables to look at data in two categories. We figured out how often things happen together and noticed patterns.

### Common Stumbling Blocks

Sometimes, kids think that all the numbers in the tables mean the same thing. They also might think that bigger numbers always mean things are more connected. We need to look at the details to understand better.

### Quiz Me

- What is a two-way table?
- What does joint frequency mean?
- What is marginal frequency?
- What is conditional frequency?
- Why do we use two-way tables?

### Help Me

We use two-way tables to understand how things are related. For example, we can see how many boys and girls like different sports. This helps us see patterns and make decisions based on the data.