See this page in the course material.

What you'll learn to do: Analyze the relationship between two categorical variables using a two-way table.

Recall, categorical data is data that consists of labels (such as person's gender, an object's color, or location). Since categorical data does not return a measurement, it is often convenient to summarize study results with counts (for example, total number of females, or total number of males). In this section, we introduce two way tables and conditional percentages as a way to investigate possible relationships between two categorical variables.

	Arts-Sci	Bus-Econ	Info Tech	Health Science	Graphics Design	Culinary Arts	Row Totals
Female	4,660	435	494	421	105	83	6,198
Male	4,334	490	564	223	97	94	5,802
Column Totals	8,994	925	1,058	644	202	177	12,000

Licenses and Attributions

CC licensed content, Shared previously

- Concepts in Statistics. **Provided by**: Open Learning Initiative. **Located at**: http://oli.cmu.edu. **License**: *CC BY: Attribution*

</div