

Summarize, represent, and interpret data on two categorical and quantitative variables.	
Standard II.S.ID.5 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.	
Concepts and Skills to Master	
<ul style="list-style-type: none"> • Use a two-way frequency table to show the relationship between two categorical variables. • Find and interpret joint, marginal and conditional relative frequencies. • Analyze possible associations and trends in the data. 	
Related Standards: Current Course	Related Standards: Future Courses
II.S.CP.1 , II.S.CP.4 , II.S.CP.5 , II.S.CP.6 , (IIH.S.CP.2, IIH.S.CP.3)	III.S.IC.6 , AP Statistics

Support for Teachers

Critical Background Knowledge
<ul style="list-style-type: none"> • Construct and interpret frequencies and relative frequencies in a two-way table (8.SP.4) • Find probabilities of compound events from two way tables (7.SP.8) • Calculate relative frequency (7.SP.6)
Academic Vocabulary
categorical data, two-way frequency table, relative frequency, joint frequency, marginal frequency, conditional relative frequency
Resources
Curriculum Resources : http://www.uen.org/core/core.do?courseNum=5620#78738