Sampling -- First Thoughts
- Our behavior, attitudes, and sometimes actions are based on samples.
- The need for statistical information seems endless in modern society.
- Present-day society is pre-occupied with numbers.
- The growth of surveys and other types of scientific and social research are closely tied to a heightened emphasis upon the values of knowledge and rationality.

Course description:
Techniques of statistical sampling in finite populations with applications in the analysis of sample survey data. Topics include simple random sampling for means and proportions, stratified sampling, cluster sampling, ratio estimates, two-stage sampling, non-response, categorical data analysis in complex surveys.

Primary audience: graduate students with majors in Statistics or students from Pharmacy, Public Health, Biology, Engineering, Geography, Ecology, Sociology, or Psychology who want to learn about designing and analyzing data from sample surveys.

Prerequisite: MATH 509C, or equivalent.

Time and location:
TR 2:00 -3:15 pm (Shantz 440)

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