

## What is a research population? What is a research sample? Provide an example of each.

A research population is a group of individuals that are the main focus of a study (Castillo, 2009, para. 1). These individuals are a large group of people who have a similarity. This similarity can be anything from individuals with eczema to individuals who are alcoholics. The type of research population depends on the focus of the clinical trial or research. Since the research population is usually a large number of people, it is impossible for all individuals in a population to be studied. This is why a research sample is used.

A research sample is a group of individuals that are “hand-picked” so to speak for scientific research (Castillo, 2009, para. 1). These individuals would have to have a similarity based on the requirements for the study. An example of this would be for 100 people to be picked for a study. These 100 people would have to be smokers, 25 to 30 years of age, who have been smoking for more than two year, and want to quit smoking. The more specific the list of requirements is ensures the accuracy of the results and data. This is why when one hears a commercial on the radio or television for a clinical trial there is a list of requirements following or preceding the description of the study.

### References

Castillo, J. J. (2009). Research Population. Retrieved April 13, 2011, from Experiment

Resources: <http://www.experiment-resources.com/research-population.html>

### Response 2

Research population: Generally a large group of subjects or objects that are tested, observed, or questioned for data collection in a Scientific query.

Research sample: Is the part of the population whose properties are studied to gain information.

Research population is for instance, if one was researching a specific subject involving residence in a specific place. The population of that place would be the research population, and the research sample would be the individuals that participated in the research. Essentially if there is a study on poverty in Colorado, The residents in Colorado would be the population. The research sample would be the poverty stricken parts of Colorado that are studied to gain the information for the study.