Research Population vs Sample



Population	Sample
Represents the entire group of individuals or elements of interest to the researcher.	Subset of the population selected for data collection and analysis.
The measurable characteristic of the population, like the mean or standard deviation, is known as the parameter.	The measurable characteristic of the sample is called a statistic.
Parameters and characteristics of the population are the focus of the study.	Data collected from the sample is used to make inferences about the population.

Difficult to access and gather data from the entire population due to logistical and resource constraints.

More feasible and practical to collect data from a sample within the available resources and time frame.





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American Veterinary Medical Association

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