

B. Hypertension

A drug manufacturer is interested in the proportion of persons who have hypertension (elevated blood pressure) whose condition can be controlled by a new drug the company has developed. A study involving 5000 individuals with hypertension is conducted, and it is found that 80% of the individuals are able to control their hypertension with the drug.

Assuming that the 5000 individuals are representative of the group who have hypertension, answer the following questions:

- a) What is the population?
- b) What is the sample?
- c) Identify the parameter of interest.
- d) Identify the statistic.
- e) Do we know the value of the parameter? If yes, give the value.
- f) Do we know the value of the statistic? If yes, give the value.