

4. The British Doctors Study was one of the earliest studies to establish a link between smoking and lung cancer. In 1951, all male doctors in the United Kingdom were contacted. About two-thirds, or 34,439 doctors, agreed to participate. Eventually, researchers found that the doctors who smoked were more likely to get lung cancer than doctors who did not smoke. The difference was statistically significant.
- a. What type of study was this?
  - b. Can you conclude from this study that smoking causes lung cancer? Explain your thinking?
  - c. Can you generalize the results of this study to some larger population? Explain your thinking?
  - d. Describe exactly what you can conclude from this study.