

8: Sample Size to Estimate a Population Proportion

Sample Size to Estimate a Population Proportion

This calculator computes the sample size needed to estimate a population proportion. Please report the error to Dr. Jessica Kuang at jkuangATvcccd.edu.

To learn how to use this calculator, please watch a [short video](#) here.

Input

Fill in the estimation for P (or choose no estimation for P), the error bound and the confidence level, then hit "Calculate " and the needed sample size will be calculated for you.

☒

No Estimate for p

☐

Have Estimate for p

Estimate for p (enter a decimal):

Error Bound (enter a decimal):

Confidence Level (enter a decimal):

Calculate

Output

Sample Size (n):

Scientific Calculator

Estimate for p:

8: Sample Size to Estimate a Population Proportion is shared under a [CC BY](#) license and was authored, remixed, and/or curated by LibreTexts.