

Sample size calculation*

The minimum sample size was calculated as follows:

$$n = \frac{Z^2 \frac{\alpha^2}{2} P(1 - P)}{d^2}$$

where,

P = estimated proportion

d = desired precision

$$n = \frac{1.96^2 0.50(0.50)}{0.025} = 384$$

*Aday, L. A., Cornelius, L. J. (2006). *Designing and conducting health surveys: A comprehensive guide* (3rd ed.). Jossey-Bass.