

## 5. Online sample size calculator

- There are many good free websites on the Internet available for researchers and they are very easy to use.
- However, to use them successfully, you should understand some technical terms first.
  1. **The confidence interval** (also called **margin of error**) is the error that may occur in the findings of the study, e.g. +/- 3 or +/-5.
  2. **The confidence level** tells you how sure you can be, e.g. 95% or 99%.
  3. **The percentage of population** is the proportion of your samples to answer a particular question. For the worst case, it is 50%.
  4. **The sample size** is the optimal sample for a given confidence level, the larger your sample size, the smaller your confidence interval.
  5. **The population size** is the number of people in the group you want to infer your research finding to.

# Example 1: online sample size calculator

**Determine Sample Size**

Confidence Level:  95%  99%

Confidence Interval:

Population:

Sample size needed:

**Find Confidence Interval**

Confidence Level:  95%  99%

Sample Size:

Population:

Percentage:

Confidence Interval:

# Example 2: online sample size calculator

## Find Out The Sample Size

This calculator computes the minimum number of necessary samples to meet the desired statistical constraints.

Confidence Level: ?	<input type="text" value="95%"/>	
Margin of Error: ?	<input type="text" value="5"/>	
Population Proportion: ?	<input type="text" value="50"/>	Use 50% if not sure
Population Size: ?	<input type="text"/>	Leave blank if unlimited population size.
<input type="button" value="Calculate"/> <input type="button" value="Clear"/>		

## Find Out the Margin of Error

This calculator gives out the margin of error or confidence interval of observation or survey.

Confidence Level: ?	<input type="text" value="95%"/>	
Sample Size: ?	<input type="text" value="100"/>	
Population Proportion: ?	<input type="text" value="60"/>	
Population Size: ?	<input type="text"/>	Leave blank if unlimited population size.
<input type="button" value="Calculate"/> <input type="button" value="Clear"/>		