

## 9: Confidence Interval for a Population Mean Given Statistics

### Confidence Interval for a Population Mean Given Statistics

This calculator creates a confidence interval for a population mean given statistics. Please report the error to Dr. Jessica Kuang at [jkuangATvcccd.edu](mailto:jkuangATvcccd.edu).

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

#### Input

Fill in the sample size ( $n$ ), the sample mean ( $\bar{x}$ ), the sample standard deviation ( $s$ ), and the confidence level (CL), then click Calculate. Write the confidence level as a decimal. For example, for a 95% confidence level, enter 0.95.

Sample Size ( $n$ ): <input type="text"/>	Sample Mean ( $\bar{x}$ ): <input type="text"/>	Standard Deviation ( $s$ ): <input type="text"/>	Confidence Level (enter a decimal): <input type="text"/>
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Calculate

#### Output

Lower Bound: <input type="text"/>	Upper Bound: <input type="text"/>
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Scientific Calculator

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