

## Detailed Licensing

### Overview

**Title:** Book: Introductory Statistics (OpenStax) With Multimedia and Interactivity, LibreTexts Calculator

**Webpages:** 141

**All licenses found:**

- **CC BY 4.0:** 93.6% (132 pages)
- **Undeclared:** 6.4% (9 pages)

### By Page

- Book: Introductory Statistics (OpenStax) With Multimedia and Interactivity, LibreTexts Calculator - *CC BY 4.0*
  - Front Matter - *Undeclared*
    - TitlePage - *Undeclared*
    - InfoPage - *Undeclared*
    - Table of Contents - *Undeclared*
    - Licensing - *Undeclared*
  - 1: Sampling and Data - *CC BY 4.0*
    - 1.1: Introduction - *CC BY 4.0*
    - 1.2: Definitions of Statistics, Probability, and Key Terms - *CC BY 4.0*
    - 1.3: Data, Sampling, and Variation in Data and Sampling - *CC BY 4.0*
    - 1.4: Frequency, Frequency Tables, and Levels of Measurement - *CC BY 4.0*
    - 1.5: Experimental Design and Ethics - *CC BY 4.0*
    - 1.6: Data Collection Experiment (Worksheet) - *CC BY 4.0*
    - 1.7: Sampling Experiment (Worksheet) - *CC BY 4.0*
    - 1.8: Sampling and Data (Exercises) - *CC BY 4.0*
  - 2: Descriptive Statistics - *CC BY 4.0*
    - 2.1: Prelude to Descriptive Statistics - *CC BY 4.0*
    - 2.2: Stem-and-Leaf Graphs (Stemplots), Line Graphs, and Bar Graphs - *CC BY 4.0*
    - 2.3: Histograms, Frequency Polygons, and Time Series Graphs - *CC BY 4.0*
    - 2.4: Measures of the Location of the Data - *CC BY 4.0*
      - 2.4.1: Measures of the Location of the Data (Exercises) - *CC BY 4.0*
    - 2.5: Box Plots - *CC BY 4.0*
    - 2.6: Measures of the Center of the Data - *CC BY 4.0*
    - 2.7: Skewness and the Mean, Median, and Mode - *CC BY 4.0*
    - 2.8: Measures of the Spread of the Data - *CC BY 4.0*
    - 2.9: Descriptive Statistics (Worksheet) - *CC BY 4.0*
    - 2.10: Descriptive Statistics (Exercises) - *CC BY 4.0*
  - 3: Probability Topics - *CC BY 4.0*
    - 3.1: Introduction - *CC BY 4.0*
    - 3.2: Terminology - *CC BY 4.0*
    - 3.3: Independent and Mutually Exclusive Events - *CC BY 4.0*
    - 3.4: Two Basic Rules of Probability - *CC BY 4.0*
    - 3.5: Contingency Tables - *CC BY 4.0*
    - 3.6: Tree and Venn Diagrams - *CC BY 4.0*
    - 3.7: Probability Topics (Worksheet) - *CC BY 4.0*
    - 3.8: Probability Topics (Exercises) - *CC BY 4.0*
  - 4: Discrete Random Variables - *CC BY 4.0*
    - 4.1: Prelude to Discrete Random Variables - *CC BY 4.0*
    - 4.2: Probability Distribution Function (PDF) for a Discrete Random Variable - *CC BY 4.0*
    - 4.3: Mean or Expected Value and Standard Deviation - *CC BY 4.0*
    - 4.4: Binomial Distribution - *CC BY 4.0*
    - 4.5: Discrete Distribution (Playing Card Experiment) - *CC BY 4.0*
    - 4.6: Discrete Distribution (Lucky Dice Experiment) - *CC BY 4.0*
    - 4.7: Discrete Random Variables (Exercises) - *CC BY 4.0*
  - 5: Continuous Random Variables - *CC BY 4.0*
    - 5.1: Introduction - *CC BY 4.0*
    - 5.2: Continuous Probability Functions - *CC BY 4.0*
    - 5.3: The Uniform Distribution - *CC BY 4.0*
    - 5.4: Continuous Distribution (Worksheet) - *CC BY 4.0*
    - 5.5: Continuous Random Variables (Exercises) - *CC BY 4.0*
    - 5.6: Exercises - *CC BY 4.0*
  - 6: The Normal Distribution - *CC BY 4.0*
    - 6.1: Prelude to The Normal Distribution - *CC BY 4.0*
    - 6.2: The Standard Normal Distribution - *CC BY 4.0*
      - 6.2.1: The Standard Normal Distribution (Exercises) - *CC BY 4.0*
    - 6.3: Using the Normal Distribution - *CC BY 4.0*

- 6.4: Normal Distribution - Lap Times (Worksheet) - CC BY 4.0
- 6.5: Normal Distribution - Pinkie Length (Worksheet) - CC BY 4.0
- 6.6: The Normal Distribution (Exercises) - CC BY 4.0
- 7: The Central Limit Theorem - CC BY 4.0
  - 7.1: Prelude to the Central Limit Theorem - CC BY 4.0
  - 7.2: The Central Limit Theorem for Sample Means (Averages) - CC BY 4.0
    - 7.2.1: The Central Limit Theorem for Sample Means (Exercises) - CC BY 4.0
  - 7.3: The Central Limit Theorem for Sums - CC BY 4.0
  - 7.4: Using the Central Limit Theorem - CC BY 4.0
    - 7.4.1: Using the Central Limit Theorem (Exercises) - CC BY 4.0
  - 7.5: Central Limit Theorem - Pocket Change (Worksheet) - CC BY 4.0
  - 7.6: Central Limit Theorem - Cookie Recipes (Worksheet) - CC BY 4.0
  - 7.7: The Central Limit Theorem (Exercises) - CC BY 4.0
- 8: Confidence Intervals - CC BY 4.0
  - 8.1: Prelude to Confidence Intervals - CC BY 4.0
  - 8.2: A Single Population Mean using the Normal Distribution - CC BY 4.0
    - 8.2.1: A Single Population Mean using the Normal Distribution (Exercises) - CC BY 4.0
  - 8.3: A Single Population Mean using the Student t-Distribution - CC BY 4.0
  - 8.4: A Population Proportion - CC BY 4.0
  - 8.5: Confidence Interval - Home Costs (Worksheet) - CC BY 4.0
  - 8.6: Confidence Interval -Place of Birth (Worksheet) - CC BY 4.0
  - 8.7: Confidence Interval -Women's Heights (Worksheet) - CC BY 4.0
  - 8.8: Confidence Intervals (Exercises) - CC BY 4.0
  - 8.9: Confidence Intervals (Summary) - CC BY 4.0
- 9: Hypothesis Testing with One Sample - CC BY 4.0
  - 9.1: Prelude to Hypothesis Testing - CC BY 4.0
  - 9.2: Null and Alternative Hypotheses - CC BY 4.0
    - 9.2.1: Null and Alternative Hypotheses (Exercises) - CC BY 4.0
  - 9.3: Outcomes and the Type I and Type II Errors - CC BY 4.0
    - 9.3.1: Outcomes and the Type I and Type II Errors (Exercises) - CC BY 4.0
- 9.4: Distribution Needed for Hypothesis Testing - CC BY 4.0
  - 9.4.1: Distribution Needed for Hypothesis Testing (Exercises) - CC BY 4.0
- 9.5: Rare Events, the Sample, Decision and Conclusion - CC BY 4.0
  - 9.5.1: Rare Events, the Sample, Decision and Conclusion (Exercises) - CC BY 4.0
- 9.6: Additional Information and Full Hypothesis Test Examples - CC BY 4.0
- 9.7: Hypothesis Testing of a Single Mean and Single Proportion (Worksheet) - CC BY 4.0
- 9.8: Hypothesis Testing with One Sample (Exercises) - CC BY 4.0
- 10: Hypothesis Testing and Confidence Intervals with Two Samples - CC BY 4.0
  - 10.1: Prelude to Hypothesis Testing with Two Samples - CC BY 4.0
  - 10.2: Two Population Means with Unknown Standard Deviations - CC BY 4.0
  - 10.3: Two Population Means with Known Standard Deviations - CC BY 4.0
  - 10.4: Comparing Two Independent Population Proportions - CC BY 4.0
  - 10.5: Matched or Paired Samples - CC BY 4.0
  - 10.6: Hypothesis Testing for Two Means and Two Proportions (Worksheet) - CC BY 4.0
  - 10.7: Hypothesis Testing with Two Samples (Exercises) - CC BY 4.0
- 11: The Chi-Square Distribution - CC BY 4.0
  - 11.1: Prelude to The Chi-Square Distribution - CC BY 4.0
  - 11.2: Facts About the Chi-Square Distribution - CC BY 4.0
  - 11.3: Goodness-of-Fit Test - CC BY 4.0
  - 11.4: Test of Independence - CC BY 4.0
  - 11.5: Test for Homogeneity - CC BY 4.0
  - 11.6: Comparison of the Chi-Square Tests - CC BY 4.0
  - 11.7: Test of a Single Variance (Not Included in the Course) - CC BY 4.0
  - 11.8: Lab 1- Chi-Square Goodness-of-Fit (Worksheet) - CC BY 4.0
  - 11.9: Lab 2- Chi-Square Test of Independence (Worksheet) - CC BY 4.0
  - 11.10: The Chi-Square Distribution (Exercises) - CC BY 4.0
- 12: Linear Regression and Correlation - CC BY 4.0
  - 12.1: Prelude to Linear Regression and Correlation - CC BY 4.0

- 12.2: Linear Equations - *CC BY 4.0*
  - 12.2.1: Linear Equations (Exercises) - *CC BY 4.0*
- 12.3: Scatter Plots - *CC BY 4.0*
  - 12.3.1: Scatter Plots (Exercises) - *CC BY 4.0*
- 12.4: The Regression Equation - *CC BY 4.0*
  - 12.4.1: The Regression Equation (Exercise) - *CC BY 4.0*
- 12.5: Testing the Significance of the Correlation Coefficient - *CC BY 4.0*
  - 12.5.1: Testing the Significance of the Correlation Coefficient (Exercises) - *CC BY 4.0*
- 12.6: Prediction - *CC BY 4.0*
  - 12.6.1: Prediction (Exercises) - *CC BY 4.0*
- 12.7: Outliers - *CC BY 4.0*
  - 12.7.1: Outliers (Exercises) - *CC BY 4.0*
- 12.8: Regression - Distance from School (Worksheet) - *CC BY 4.0*
- 12.9: Regression - Textbook Cost (Worksheet) - *CC BY 4.0*
- 12.10: Regression - Fuel Efficiency (Worksheet) - *CC BY 4.0*
- 12.11: Linear Regression and Correlation (Exercises) - *CC BY 4.0*
- 13: F Distribution and One-Way ANOVA - *CC BY 4.0*
  - 13.1: Prelude to F Distribution and One-Way ANOVA - *CC BY 4.0*
  - 13.2: One-Way ANOVA - *CC BY 4.0*
  - 13.3: The F Distribution and the F-Ratio - *CC BY 4.0*
  - 13.4: Facts About the F Distribution - *CC BY 4.0*
  - 13.5: Lab- One-Way ANOVA - *CC BY 4.0*
  - 13.6: F Distribution and One-Way ANOVA (Exercises) - *CC BY 4.0*
- Back Matter - *Undeclared*
  - Index - *Undeclared*
  - Glossary - *Undeclared*
  - Detailed Licensing - *Undeclared*