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## Course Information

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**Course Title:** *Business Statistics with Excel*

#372324

**Number of continuing education credit hours recommended for this course:**

**CPA: 2** (All states)

In accordance with the standards of the National Registry of CPE Sponsors, CPE credits have been granted based on a 50-minute hour.

National Registry of CPE Sponsors ID Number: 107615.

Sponsor numbers for states requiring sponsor registration

Florida Division of Certified Public Accountancy: 0004761 (Ethics #0011467)

Hawaii Board of Accountancy: 14003

New York State Board of Accountancy: 002146

Ohio State Board of Accountancy: CPE .51 PSR

Pennsylvania Board of Accountancy: PX178025

Texas State Board of Accountancy: 009349

### Course Description

Statistics can be used in business to support better decision-making. In the *Business Statistics with Excel* course, we focus on simple statistical analyses that can be conducted with Microsoft Excel, and show the situations in which these analyses can be used. The topics covered include data sampling, covariance and correlation, regression analysis, probability theory, nonprobability sampling, the confidence interval, and sales forecasting.

### Course Content

Publication/Revision date: 2/22/2024.

Author: Steven M. Bragg, CPA.

Final exam (online): Ten questions (multiple-choice).

**Program Delivery Method:** NASBA QAS Self-Study (interactive)

### Subject Codes/Field of Study

NASBA (CPA): Statistics

## Course Level, Prerequisites, and Advance Preparation Requirements

Program level: Overview

Prerequisites: None

Advance Preparation: None

### Instructions for Taking This Course

- Log in to your secure account at [www.bhfe.com](http://www.bhfe.com). Go to "My Account."
- You must complete this course within one year of purchase (If the course is "Expired," contact us and we will add the latest edition of the course to your account (no charge).
- **To retain the course-PDF after completion (for future reference) and to enable enhanced navigation:** From "My Account," Download and save the course-PDF to your computer. This will enable the search function (Menu: Edit>Find) and bookmarks (icon on left side of document window).
- **Complete the course by** following the learning objectives listed for the course, studying the text, and, if included, studying the review questions at the end of each major section (or at the end of the course).
- **Once you have completed studying the course** and you are confident that the learning objectives have been met, answer the final exam questions (online).

### Instructions for Taking the Online Exam

- Log in to your secure account at [www.bhfe.com](http://www.bhfe.com). Go to "My Account."
- A passing grade of at least **70%** is required on the exam for this course.
- You will have three attempts to pass the exam (call or email us after three unsuccessful attempts for instructions).
- The exam is not timed, and it does not need to be completed in one session.
- For a printed copy of the exam questions, open the exam and press "Print Exam."
- Once you pass the exam, the results (correct/incorrect answers) and certificate of completion appear in "My Account." A confirmation email is also sent.
- CFP Board and IRS credit hours, if applicable, are reported on Tuesdays and at the end of the month.

**Have a question?** Call us at 800-588-7039 or email us at [contact@bhfe.com](mailto:contact@bhfe.com).

# Learning Objectives

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- Identify the components needed for a statistical analysis.
- Specify the characteristics of the various charts used to describe data.
- Identify the characteristics of the coefficient of variation.
- Specify the characteristics of a binomial distribution.
- Identify the characteristics of a confidence interval, and describe how it is calculated.
- Recall how to calculate the different types of forecast options in Excel.
- Specify components of an Excel regression analysis report.

## About the Author

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**Steven Bragg, CPA**, has been the chief financial officer or controller of four companies, as well as a consulting manager at Ernst & Young. He received a master's degree in finance from Bentley College, an MBA from Babson College, and a Bachelor's degree in Economics from the University of Maine. He has been a two-time president of the Colorado Mountain Club, and is an avid alpine skier, mountain biker, and certified master diver. Mr. Bragg resides in Centennial, Colorado. He has written more than 250 books and courses, including *New Controller Guidebook*, *GAAP Guidebook*, and *Payroll Management*.

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