The easy way to get down with statistics

Stymied by statistics? Fear not! In easy-to-understand terms, this friendly guide shows you how to collect, graph, and critique data; decipher distributions; calculate confidence intervals and hypothesis tests; analyze data with correlation, regression, and two-way tables; and much more.

- The world of statistics — get a handle on the quantity and quality of statistics you encounter in everyday life
- Get the big picture — explore data using graphs and charts and describe data using means, medians, standard scores, percentiles, and more
- Results may vary — understand common statistical distributions and find out how to work with random variables, standard error, the Central Limit Theorem, and more
- Guesstimate with confidence — use standard error, confidence intervals, and hypothesis tests to make conclusions about a population
- Dig into statistical studies and their analyses — get the scoop on polls, experiments, correlation, linear regression, two-way tables, and independence

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Deborah J. Rumsey, PhD, is a professor of statistics and the director of the Mathematics and Statistics Learning Center at The Ohio State University. She is the author of Statistics Workbook For Dummies, Statistics II For Dummies, and Probability For Dummies.
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Dedication

To my husband Eric: My sun rises and sets with you. To my son Clint: I love you up to the moon and back.

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