1 What Is Statistics? 1
2 Describing Data: Frequency Tables, Frequency Distributions, and Graphic Presentation 18
3 Describing Data: Numerical Measures 51
4 Describing Data: Displaying and Exploring Data 94
5 A Survey of Probability Concepts 130
6 Discrete Probability Distributions 173
7 Continuous Probability Distributions 208
8 Sampling, Sampling Methods, and the Central Limit Theorem 244
9 Estimation and Confidence Intervals 277
10 One-Sample Tests of Hypothesis 314
11 Two-Sample Tests of Hypothesis 347
12 Analysis of Variance 382
13 Correlation and Linear Regression 433
14 Multiple Regression Analysis 485
15 Nonparametric Methods: Nominal Level Hypothesis Tests 542
16 Nonparametric Methods: Analysis of Ordinal Data 579
17 Index Numbers 616
18 Forecasting with Time Series Analysis 648
19 Statistical Process Control and Quality Management 698
20 An Introduction to Decision Theory (Online Only)

Appendixes:
Data Sets, Tables, Software Commands, Answers 729
Glossary 832
Index 836