

Additional “Online-based” Statistics Exam Review Sources

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“[Organizations should] institute a vigorous program of education and self-improvement.”
--W. Edwards Deming (1900-1993)

The existing materials on the LDC BUS 302L Statistics Exam Review web page provide references to textbooks commonly used in business statistics courses. However, some students may not have ready access to such textbooks (e.g., because the student may have “sold back” the textbook at the end of the course).

The following table provides references to textbook-quality, online-based materials (and often more readily available, or at least available at no charge) that may assist students in preparing for the exam. As always, students are responsible for all of the material on the exam, regardless of whether the material is or is not covered in any given resource.

The source URL for OpenIntro (UCLA, et al.) Statistics 3rd ed. 2015 is:

<https://www.openintro.org/download.php?file=os3&referrer=/stat/textbook.php>

The source URL for the OpenStax (Rice Univ., et al.) Introductory Statistics 1st ed. 2013 is:

<https://openstaxcollege.org/textbooks/introductory-statistics/pdf>

“Top Ten” concept	Chapters and Sections	
	<i>OpenIntro Statistics 3rd ed. 2015</i> [.pdf]	<i>OpenStax Introductory Statistics, 2013</i> [.pdf]
1. Descriptive Statistics	§1.6 (p. 26) - §1.6.6 (p. 38)	Chapter 2 (p. 67)
2. Hypothesis Testing	§4.3 (p. 181), §5.1 (p. 219), and §6.1 (p. 274)	Chapter 9 (p. 469)
3. Confidence Intervals	§4.2 (p. 174)	Chapter 8 (p. 411)
4. Linear Regression	Chapter 7 (p. 331)	Chapter 12 (p. 631)
5. Expected Value	§2.4 (p. 104) - §2.4.1 (p. 105)	§4.2 (p. 228)
6. Probability Distributions	§3.1 (p. 127) - §3.2 (p. 137)	§4.1 (p. 226) - §4.2 (p. 235), §5.1 (p. 291) - §5.2 (p. 294), Chapter 6 (p. 339)
7. <i>p</i> -values	§4.3.4 (p. 180)	§9.4 (p. 475)
8. Variation and Uncertainty	§4.1 (p. 169)	§1.2 (p. 13)
9. Populations and Samples	§1.3 (p. 15) - §1.3.4 (p. 18)	§1.2 (p. 13)
10. Qualitative (“categorical”) & Quantitative (“numeric”) Variables	§1.2.2 (p. 12)	§1.1 (p. 9), and §1.3 (p. 29)

Additionally, High School AP Statistics Exam review guides can be helpful to the BUS302L student. For example, the McGraw-Hill AP Statistics book “5 Steps to a 5” by D. Henders (2004) can be used. The relevant chapters are 3, 4, 5, 7, 8, 9, 10, and 11. Additionally, such books are a particularly rich source of sample problems (although some are outside the field of business).