

Introduction to Statistics

**Chapter 5: The Normal Distribution and Government Statistics**

*Read and Study Chapter 5*

*Homework Problems Due \_\_\_\_\_*

Section 5.1 Normal Distributions

5.3, 5.4, 5.5, 5.7, 5.8, 5.9, 5.14, 5.17, 5.18

Section 5.2 The Consumer Price Index and Government Statistics

5.30, 5.32, 5.33, 5.36, 5.37, 5.38, 5.44

*Question Analysis Summaries*

Due \_\_\_\_\_ Alternate Activity WKST

NFL Passing Proficiency

Due \_\_\_\_\_ Activity 5.2 Pg 308

Exploring the Consumer Price Index  
2. Note: ~~list of commodities~~ Average Price Data  
4. Note: ~~commodities~~ Consumer price index  
5. Note: orange juice ~~concentrates~~ frozen

Due \_\_\_\_\_ Application 5.2 Pg 319

Does the CPI Overstate Inflation?

Chapter Review Pg 327 – 330 Optional

\_\_\_\_\_ **Test Chapter 5**

In Class Activates

AAO Video 7 *Normal Distributions*; Worksheet 7: Normal Curves

AAO Video 8 *Normal Calculations*; Worksheet 8: Normal Calculations

TI 84+ Calculator

Activity 18: Normal Distributions

Workshop Statistics

Topic 14: Normal Distributions

Sec 5.2: Extra Examples of CPI