# Interactive Statistics: Informed Decisions Using Data

## 3rd Edition

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*Interactive Statistics: Informed Decisions Using Data*, **3rd Edition** encourages students to experience statistics in new and dynamic ways as they encounter concepts. Written fully in MyLab® Statistics, it combines text, multimedia and assessment into a seamless learning experience. Interactive Assignments for each chapter section prompt students to "read a little, watch a little, do a little" to develop deeper conceptual connections. This practical approach in an interactive, guided learning environment promotes students' understanding, knowledge retention and ability to connect statistics to the world at large.

## Hallmark Features

› **Interactive Assignments** provide Preparing for This Section review and exercises and Learning Objectives for This Section preview. They include:

   › **Step-by-Step examples** to guide students from problem to solution; **Excel video solutions** (along with StatCrunch, TI-83/84 Plus, and by-hand calculation videos) accompany Step-by-Step examples

   › **Embedded simulation and applet activities; Animations** at the start of most sections

   › **Innovative lightboard videos** featuring Mike Sullivan

   › **Reading Assessment questions**.

› **Chapter Review** includes a Chapter Summary video and downloadable MindMap, list of key chapter Vocabulary and Formulas, Chapter Objectives with review exercises, Review Exercises and Chapter Test with complete, worked-out answers, and a Chapter Review Quiz that populates personalized homework.

## MyLab Statistics Features

› **New Technology-Specific MyLab exercises** include learning aids (Help Me Solve This and View an Example) that include technology specific help for StatCrunch (-SC), TI-83/84 (-TI), and Excel (-E). In these exercises students will now see help that includes screenshots and click path support for the analysis technology they're using.

› **New real data-based algorithmic exercises:** Written by Michael Sullivan, these exercises are based on real data sets that utilize the power of MyLab's algorithms to generate unique problems for students.

› **New Threaded Tornado exercises:** These problems utilize the same data set that measures a variety of variables among all tornadoes that struck the United States between 1950 and 2020. They appear throughout the text by utilizing the data set to answer questions relevant to the material presented within the section.

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