



2026–2027 K–12 Mathematics and Computer Science Bid #1801 – Elementary Statistics

IM 8 Questionnaire

Authors & Credentials: List full name of author(s), with major or senior author listed first. Briefly provide credentials for each author.

Answer: Mario F. Triola is a Professor Emeritus of Mathematics at Dutchess Community College, where he has taught statistics for over 30 years. Marty also is the author of Elementary Statistics, 14th Edition, Elementary Statistics Using Excel, 7th Edition, and Elementary Statistics Using the TI-83/84 Plus Calculator, 5th Edition. He is a coauthor of Biostatistics for the Biological and Health Sciences, 2nd Edition, Statistical Reasoning for Everyday Life, 5th Edition, and Business Statistics. Essentials of Statistics is currently available as a Global Edition, and it has been translated into several foreign languages. Marty designed the original Statdisk statistical software, and he has written several manuals and workbooks for technology supporting statistics education. He has been a speaker at many conferences and colleges. Marty's consulting work includes the design of casino slot machines and fishing rods. He has worked with attorneys in determining probabilities in paternity lawsuits, analyzing data in medical malpractice lawsuits, identifying salary inequities based on gender, and analyzing disputed election results. He has also used statistical methods in analyzing medical school surveys, analyzing survey results for the New York City Transit Authority, and analyzing Covid Disease (COVID)-19 virus data for government officials. Marty has testified as an expert witness in the New York State Supreme Court. The Text and Academic Authors Association has awarded Marty a "Texty" for excellence for his work on Elementary Statistics; as of this writing, it has been the #1 statistics book in the United States for the past 25 years.

Students: Describe the type(s) of students for which this submission is intended.

Answer: The book "Elementary Statistics" is designed for students interested in pursuing all subject, not just mathematics. It is suitable for those who have completed at least an elementary algebra course or are learning algebra through an integrated or co-requisite course. The book focuses on understanding and applying statistical methods rather than requiring the mathematical rigor expected of mathematics majors. It includes underlying theory but emphasizes practical application and interpretation of results. The book is structured to accommodate different teaching preferences, such as early coverage of correlation and regression or minimal probability coverage. It aligns with the American Statistical Association's guidelines, promoting statistical literacy, real data usage, conceptual understanding, active learning, and technology integration. This makes it accessible and relevant to a broad range of students, regardless of their major, by providing real-world applications and interactive learning resources.

1. List the Florida districts in which this program has been piloted in the last eighteen months.

Answer: N/A



2. HOW ARE YOUR DIGITAL MATERIALS SEARCHABLE BY FLORIDA STATE STANDARDS (SECTION 1006.33(1)(E), FLORIDA STATUTES)?

Answer: Content is searchable through the Pearson eText.

3. IDENTIFY AND DESCRIBE THE COMPONENTS OF THE MAJOR TOOL. The Major Tool is comprised of the items necessary to meet the standards and requirements of the category for which it is designed and submitted. As part of this section, include a description of the educational approach of the submission.

Educational Approach: (The information provided here will be used in the instructional materials catalog in the case of adoption of the program. Please limit your response to 500 words or less.)

Answer: Print textbook and MyLab digital access (5-years). Elementary Statistics, 14th edition, highlights the role of statistics in daily life by examining real data and modern uses, helping students from all fields. This edition contains data sets, content videos, examples, and exercises, making it current and supportive for students. The program is a part of a series containing an Essentials version along with Elementary Statistics Using the Texas Instruments (TI)-83/84 Plus Calculator and Elementary Statistics Using Excel. Easy-to-read text: Clear, engaging and accessible text that is easy to understand for students across all majors. Structured learning: Chapter objectives outline the learning goals for a chapter, while flowcharts visually simplify difficult concepts. Focused activities: Your Turn, Chapter Quick Quiz, Chapter Problems, Revised Margin Essays, From Data to Decision provide students with ample practice, encourage critical thinking and practical application. Real-world data: Examples, exercises, data sets, Go Figure items and chapter problems use real data, keeping the material relevant.

Major Tool – Student Components: Describe each of the components, including a format description.

Answer: Book + MyLab Math (courseware) 5-year code. Printed textbook: Elementary Statistics offers current applications and abundant new real data to help students of all majors understand the role of statistics in our lives. The 14th Edition's updates keep the text more relevant and supportive than ever; a wealth of new data sets, exercises and examples along with larger data sets, content updates and new videos support students. Printed textbook features: Your Turn in many examples directs students to practice what they've just learned in an example. Animated Flowcharts throughout help simplify and clarify more complex concepts and features. End-of-chapter features reinforce skills and ask students to think critically. Chapter Quick Quiz, Review Exercises and Cumulative Review provide practice. Collaborative Group Activities foster active learning, and From Data to Decision is a capstone chapter problem that requires critical thinking and writing. Updated real data: The vast majority of exercises, examples and Chapter Problems are based on real data for maximum relevance. 93% of the exercises use real data and 64% of exercises are new, keeping the problems current. Expanded data sets in Appendix B have increased from 32 to 46 total, with 20 new to the 14th Edition, including Internet Traffic, Disney World Wait Times, Car Data, Commute Times, Candies, and Taxi Data. Larger data sets include sets with 6068, 3982, 5755, 8959, and 1000 cases, as well as big data sets with 465,506 cases and 31,784 cases. Working with such larger

data sets is essential to students progressing into the age of big data and data science. New Big (or Very Large) Data Projects appear near the end of each chapter. All new Chapter Problems open each chapter, using real data to motivate students about concepts; they are revisited within the chapter. New Chapter Problem icons mark examples that relate to the Chapter Problem, showing how different concepts and procedures can be applied to the real-world issue in the material. Revised Margin Essays: 134 margin essays highlight real-world topics and foster student interest; 36 are new to this edition. Also, many Go Figure items briefly describe interesting numbers or statistics. MyLab Statistics features: 3,574 exercises available to assign in MyLab Statistics (with algorithmically regenerating values as appropriate and Learning Aids like View an Example and Help Me Solve This) Video and Resource Library: Pause-and-predict section lecture videos recorded by the author, each concluding with an interactive quiz and review. Software help videos. Dynamic Study Modules use cognitive science to help students study chapter topics through quick practice and personalized remediation. Students can build confidence and deepen their understanding of key topics. StatCrunch statistical software Updated accessible integrated review worksheets give students practice problems and instruction on key prerequisite content. Student Solutions Manual Data sets available for easy download Screenreader-accessible, searchable eTextbook with AI Study Tool PowerPoint study slides (screenreader accessible) Student Workbook with Integrated Review

Major Tool – Teacher Components: Describe each of the components, including a format description.

Answer: Book + MyLab Math (courseware) 5-year code. Printed textbook: Elementary Statistics offers current applications and abundant new real data to help students of all majors understand the role of statistics in our lives. The 14th Edition's updates keep the text more relevant and supportive than ever; a wealth of new data sets, exercises and examples along with larger data sets, content updates and new videos support students. MyLab Statistics features: MediaShare: The Technology Projects that conclude each chapter are now available in MyLab MediaShare. This platform is conducive to group or individual project work, allowing students to submit their insights in written, audio, or video format. It is designed to align with multiple learning styles, and to prepare students for presenting their findings in a professional setting. StatCrunch statistical software Integrated Review embeds prerequisite review, which can be used for just-in-time remediation or for corequisite course models. Pre-made Skills Check quizzes assess prerequisite skills needed to be successful in the Statistics content; they also identify gaps for each student, which can be addressed with instructional videos and worksheets. Instructor Solutions Manual Data sets available for easy download Screenreader-accessible, searchable eTextbook with AI Study Tool PowerPoint lecture slides (screenreader accessible) Test bank; can be used in TestGen Insider's Guide to Teaching with the Triola Statistics Series.

4. IDENTIFY AND DESCRIBE THE ANCILLARY MATERIALS. Briefly describe the ancillary materials and their relationship to the major tool.

Ancillary Materials – Student Components: Describe each of the components, including a format description.

Answer: MyLab Statistics includes: 3,574 exercises available to assign in (with algorithmically regenerating values as appropriate and Learning Aids like View an Example and Help Me Solve



This) Video and Resource Library: Pause-and-predict section lecture videos recorded by the author, each concluding with an interactive quiz and review. Software help videos. StatCrunch statistical software Integrated Review embeds prerequisite review, which can be used for just-in-time remediation or for corequisite course models. Pre-made Skills Check quizzes assess prerequisite skills needed to be successful in the Statistics content; they also identify gaps for each student, which can be addressed with instructional videos and worksheets. Student Solutions Manual Screenreader-accessible, searchable eTextbook with AI Study Tool Dynamic Study Modules use cognitive science to help students study chapter topics through quick practice and personalized remediation. Students can build confidence and deepen their understanding of key topics. MediaShare: The Technology Projects that conclude each chapter are now available in MyLab MediaShare. This platform is conducive to group or individual project work, allowing students to submit their insights in written, audio, or video format. It is designed to align with multiple learning styles, and to prepare students for presenting their findings in a professional setting.

Ancillary Materials – Teacher Components: Describe each of the components, including a format description.

Answer: Answers to the Student Workbook Instructors Solutions Manual Insider’s Guide to Teaching with the Triola Statistics Series PowerPoint Lecture Slides Online Testbank, useable with TestGen Data sets available for easy download Screenreader-accessible, searchable eTextbook with AI Study Tool

5. Identify which industry standard protocols are utilized for interoperability?

Answer: The MyLab learning platform is IMS Global / 1Ed Tech, 1.3 compatible. A list of learning management platforms that can be integrated with MyLab and other information on integration services can be found at <https://www.pearson.com/en-us/higher-education/educators/digital-learning-platforms/lms-integration-services.html>

If more assistance is required, our dedicated LMS Install team can work one-on-one with your technology lead to ensure a smooth, secure, and efficient integration between your Learning Management System (LMS) and Pearson digital platforms, so your system can support teaching and learning from day one.

6. HOW MUCH INSTRUCTIONAL TIME IS NEEDED FOR THE SUCCESSFUL IMPLEMENTATION OF THIS PROGRAM? Identify and explain the suggested instructional time for this submission. If a series, state the suggested time for each level. The goal is to determine whether the amount of content is suitable to the length of the course for which it is submitted.

Answer: Our programs are specifically designed to align with the structure and pacing of traditional, full-year academic courses. Each course includes a robust number of instructional hours, giving educators the flexibility to customize lessons and pacing to meet the unique needs of their students and classroom schedules.



7. WHAT PROFESSIONAL DEVELOPMENT IS AVAILABLE? Describe the ongoing learning opportunities available to teachers and other education personnel that will be delivered through their schools and districts as well as the training/in-service available directly from the organization for successful implementation of the program. Also provide details of the type of training/in-service available and how it may be obtained. (The information provided here will be used in the instructional materials catalog in the case of adoption of the program.)

Answer: For information regarding our virtual and in-person professional development opportunities please see: <https://acrobat.adobe.com/id/urn:aaid:sc:US:3f53dddc-442c-49af-93cf-6f1b4e68f442>

8. WHAT HARDWARE/EQUIPMENT IS REQUIRED? List and describe the hardware/equipment needed to implement the submission in the classroom. REMEMBER: Florida law does not allow hardware/equipment to be included on the bid! However, schools and districts must be made aware of the hardware/equipment needed to fully implement this program.

Answer: Our digital products can be accessed by any device connected to the Internet. A list of compatible browsers and their system requirements is available here: <https://support.pearson.com/getsupport/s/article/Using-an-Alternate-Supported-Browser>

9. WHAT LICENSING POLICIES AND/OR AGREEMENTS APPLY? If software is being submitted, please attach a copy of the company's licensing policies and/or agreements.

Answer: For information regarding our Universal Terms of Service and End User License Agreement please visit: <https://loginstatic.pearson.com/html/PearsonEULA.html>

10. WHAT STATES HAVE ADOPTED THE SUBMISSION? List some of the states in which this submission is currently adopted.

Answer: This title has been adopted in FL, TN, CA, OH, NY, MN, IA, PA, MA, and IL.

11. WHAT OPEN EDUCATIONAL RESOURCES RELATED TO THIS BID DO YOU MAKE AVAILABLE(S)? List and describe each of the components, including a format description. (Open Educational Resources (OER) are high-quality, openly licensed, online educational materials that offer an extraordinary opportunity for people everywhere to share, use, and reuse knowledge.)

Answer: The text provides several open educational resources to support students using the Triola Statistics Series: Student Resources: Student's Solutions Manual: Offers detailed solutions to odd-numbered exercises, available for download in MyLab Statistics. Student Workbook: Includes additional examples and exercises, available for download or purchase. Technology Manuals: Manuals for Excel, graphing calculators, and Statdisk are available for download in MyLab Statistics. Statdisk Software: A free statistical software package designed for this textbook, accessible at www.TriolaStats.com. Websites: Access to continually updated digital resources, including downloadable data sets and online instructional videos.



These resources are designed to enhance understanding and application of statistical concepts, making them accessible through MyLab Statistics and other specified websites.

12. Although not called for in the state adoption, do you have advanced placement (ap) or accelerated program instructional materials available for the course(s) bid for adoption?

Answer: AP instructional materials are available.

13. What, if any, foreign language translations do you have available?

Answer: The online platforms allow translations to be made into more than 100 major languages.

14. Do you provide access point scaffolding or an access point correlation upon request?

Answer: Yes, we do provide access point correlations, and these are included in our submitted standard alignments, which are available on the procurement portal. These correlations highlight how our materials align with access point standards to support all learners.

15. ESSA LEVELS OF EVIDENCE: To be considered an evidence-based program (or practice), it is required to have evidence to show that the program is in fact effective at producing results and improving outcomes in reading when implemented. Identification of evidence level alignment, Levels 1-4 (as outlined in the specifications), for the entirety of the program, part of the program, or individual practices within the program is required. Please explain how your product meets these requirements.

Answer: While we do not have ESSA Levels of Evidence available for all titles being submitted, we do have robust evidence on the efficacy of our MyLab program where our digital components are housed. For more information please see: <https://www.pearson.com/en-us/schools/college-readiness-career-education/success-stories.html>.

Likewise, our products undergo intensive reviews conducted by subject matter experts and instructors to ensure we are giving educators and students the tools they need to succeed.