



AFTER THE BELL

ASA's 2022 Fall Data Challenge Guidelines

[This is Statistics](#) and the [American Statistical Association](#) invite high school and undergraduate students to apply their best statistical thinking to a real-world issue. In this year's challenge, **After the Bell**, students will work in teams to provide recommendations on the impacts of school choice and family engagement in school activities and homework. Submissions will be accepted from October 17 to November 6, at 11:59pm EST.

How does it work?

Teams of 2-5 students currently enrolled in high school or college may participate. Each team must have a sponsor such as a teacher, professor or parent. Inter-organizational teams are allowed. Teams with both high school and undergraduate students on the same team will be judged in the undergraduate category. Middle school students will be accepted but will be judged in the high school category.

Submission details

Teams are required to submit a presentation (PowerPoint slides or recorded video) with the goal of analyzing data from the 2019 Parents and Family Involvement (PFI) Surveys to provide insights on factors impacting K-12 education. Students may also include the 2016 PFI Survey in their analysis for an optional greater challenge.

It should be clear from the presentation how the team utilized available data to develop their recommendations, as well as a description of the technical details of their work. The presentation must be no more than 10 slides or 5 minutes of recorded video. All submitted material must be in English.

Submissions must be made via the form on the [Fall Data Challenge web page](#) by 11:59pm EST on Nov. 6, 2022. Awards will be given in the categories of Best Overall Analysis, Best Visualization, and Best Use of External Data.

Prizes

- \$50 Amazon gift card
- Complimentary student memberships to the American Statistical Association for each student participant
- Fall Data Challenge winner t-shirt for each student participant and sponsor
- Bragging rights
- The chance to apply statistical skills to a real-world issue

Questions?

Email thisisstats@gmail.com for more information.

Resources

- American Statistical Association: amstat.org
- Fall Data Challenge Webpage: thisisstatistics.org/falldatachallenge/