ASA's Public Health Data Challenge
OFFICIAL RULES

This is Statistics and the [American Statistical Association](www.amstat.org) (www.amstat.org) are inviting high school and undergraduate students in the United States and Canada to use their best statistical thinking and apply it to a real-world issue. By using a dataset from The Centers for Disease Control and Prevention (CDC), you and your team will use your analytical and data visualization skills to recommend measures that could take steps toward resolving or reducing the national opioid crisis.

How does it work?

Teams of 2-5 students currently enrolled in high school or college in the United States or Canada may participate. Teams are required to have a sponsor, such as a teacher, professor, or parent.

Teams are required to use the CDC dataset available via the [Center for Disease Control and Prevention](https://wonder.cdc.gov/mcd.html) webpage (https://wonder.cdc.gov/mcd.html). Although not required, teams may identify and utilize external datasets. Additional datasets can be found on the [Public Health Data Challenge webpage](https://thisisstatistics.org/public-health-data-challenge/) (https://thisisstatistics.org/public-health-data-challenge/)

Team size is flexible but teams must have at least 2 and no more than 5 people, not including the team sponsor. Inter-organizational teams are allowed. All members of the team must be either current high school students or current undergraduate students. Students must be enrolled in schools in the United States or Canada.

Submission details

Teams will be required to submit a presentation, up to 10 slides. The goal of the presentation is to guide health officials towards making evidence-based decisions on how to improve public health. It should be clear from the presentation how the team utilized available data to develop their recommendations.

Teams are also required to submit a document, not to exceed 500 words, describing the technical details of their work.

Submissions must be made via the form on the [Public Health Data Challenge webpage](https://thisisstatistics.org/public-health-data-challenge/) (https://thisisstatistics.org/public-health-data-challenge/) no later than 11:59 p.m. Eastern time on November 12, 2018. Awards will be given in the categories of Best Overall Analysis, Best Visualization, and Best Use of External Data.

Prizes

Each winning team will receive the following prize package:

- $50 Amazon gift card
- A complimentary student membership to the American Statistical Association for each student participant
- Public Health Data Challenge 2018 winner t-shirt for each student participant and sponsor
- The chance to apply statistical skills to a real-world issue.

Questions?

Email thisisstats@gmail.com for more information.