ASA's Police Data Challenge
OFFICIAL RULES

This is Statistics, the American Statistical Association (www.amstat.org) and the Police Data Initiative are inviting high school and undergraduate students in the United States and Canada to use their best statistical thinking to make a difference in the community. Using Calls for Service data from the Baltimore, Cincinnati, and Seattle Police Departments, you and your team will use your analytical and data visualization skills to help improve community safety.

How does it work?

Teams of 2-5 students currently enrolled in high school or college in the United States in Canada may participate. Teams must have a sponsor, such as a teacher, professor, or parent, and must express their intent to participate via the form on the Police Data Challenge webpage no later than 11:59 p.m. Eastern time on Friday, Oct. 20, 2017.

Data sets are available via the Police Data Initiative website (www.policedatainitiative.org). Teams may use "Calls for Service" data from the Baltimore Police Department, the Cincinnati Police Department, or the Seattle Police Department. Although not required, teams may identify and utilize external data sets.

Team size is flexible but teams must have at least 2 people 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 presentation slides. The presentation should be developed as a presentation to the city officials of the selected city. Teams may submit up to 10 slides. The goal of the presentation is to guide the city in making evidence-based decisions on how to improve public safety. It should be clear from the presentation how the team utilized available data to develop their recommendations.

In addition to the stakeholder presentation, teams will be 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 Police Data Challenge webpage (www.thisisstatistics.org/policedatachallenge) no later than 11:59 p.m. Eastern time on Friday, Nov. 3, 2017.

Awards will be given in the categories of Best Overall Analysis, Best Visualization, and Best Use of External Data.

Prizes

Each team will receive the following prize package:
- $50 Amazon gift card
- A complimentary student membership to the American Statistical Association for each student participant
- Police Data Challenge 2017 winner t-shirt for each student participant and sponsor
- The opportunity to present the team's recommendations to local law enforcement

Questions?

Email thisisstats@gmail.com for more information.