



WSS ANNUAL DATA VISUALIZATION POSTER COMPETITION FOR K-12 STUDENTS



Entries must be submitted online by the following deadline: June 1, 2020.

Are you in grades K-12 in the Washington, D.C. area?
Are you interested in answering questions about data and explaining your answers visually?
Would you like to win up to **\$100**?

Then enter the Washington Statistical Society (WSS)'s Data Visualization Poster Competition!

What is a data visualization poster? A data visualization poster is a display containing **two or more related graphics** that **summarize a set of data**, look at the data from **different points of view**, and answer **specific questions** about the data.

Judging

Posters will be judged on the following criteria:

- ▶ **Overall Impact (Design)** – Poster design aspects, colors/patterns, grammar, spelling, dimensionality, readability, neatness
- ▶ **Technical Aspects (Statistical Correctness)** – Age-appropriate use of statistical methods, calculations, and interpretation
- ▶ **Clarity of the Message (Statistical Process)** – How well is the four-step investigative process implemented? How well is a story told?
- ▶ **Appropriateness** – Appropriate, original graphics for the data
- ▶ **Creativity!** – A unique statistical question, original dataset, or novel approach

Remember: this is **not** a science fair! The best posters answer an interesting *statistical* question using appropriate data, and must be able to stand on their

own, since students are not present during the judging.

Prizes

	Individual Entries	Team Entries
1st Prize	\$100	\$50 per team member, up to a maximum of \$200
2nd and 3rd Prizes	\$50	\$25 per team member, up to a maximum of \$100

Winners (up to four per team) and one teacher/academic supervisor/parent per winner are typically invited to attend the annual WSS awards dinner in June—**this may be affected by covid-19 in 2020, information will be provided as available.**

WSS winners will also have their submissions sent to the national ASA poster competition. National winners will receive additional prizes!

Other Useful Information:

- ▶ WSS Data Visualization Poster Competition Page: <http://www.washstat.org/poster/>
- ▶ Entry form, detailed rubric, rules for submission, and information about the national competition: <http://www.amstat.org/asa/education/ASA-Statistics-Poster-Competition-for-Grades-K-12.aspx>
IMPORTANT NOTE: This year, due to covid-19, ALL entries must be submitted via photo, or as an electronic poster. See the link above for important entry information for 2020.
- ▶ Winning posters from 2019: <https://magazine.amstat.org/blog/2019/08/01/2019posterproject>
Questions? Contact Elizabeth Petraglia (elizabethpetraglia@westat.com)