



ANNUAL POSTER COMPETITION FOR K-12 STUDENTS



Entries must be postmarked by the deadline date: **April 1, 2018.**

Call for Entries

The **American Statistical Association** (ASA) has an annual poster competition for students in Grades K-12, with separate winners in Grades K-3, 4-6, 7-9 and 10-12. The aim is to increase statistical awareness and understanding via a statistical poster 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 in a coherent manner.

The **Washington Statistical Society** (WSS), a chapter of the American Statistical Association (ASA), is awarding prizes for the competition in the Washington DC metropolitan area. Winners of this local competition will then be entered into the national competition.

Objectives

Enhance students' understanding of:

- ▶ the use of statistics in the real world
- ▶ how statistics are used to analyze information
- ▶ the importance of graphical displays
- ▶ how to prepare a coherent poster presentation

Entry Rules & Guidelines

This local competition follows the rules and evaluation process for the national competition at:

<http://www.amstat.org/asa/education/ASA-Statistics-Poster-Competition-for-Grades-K-12.aspx>

The deadline for submission of entries is **April 1** of each year. Note: Although the forms and posters are sent to the ASA national office, they will be judged separately from the posters from other regions.

Further questions can be directed to Elizabeth Petraglia at (240) 314-7535 or elizabethpetraglia@westat.com.

Eligibility

- ▶ Grades K-12
- ▶ Residence in the Washington DC metropolitan area

Evaluation

- ▶ Overall impact – Eye-catching appeal, visual attractiveness, and ability to draw the viewer to investigate the individual graphs
- ▶ Clarity – Demonstration of important relationships in a clear, coherent manner
- ▶ Appropriateness – Appropriate graphics for the data
- ▶ Creativity! – A unique statistical question, original dataset, or novel approach

Prizes & Awards

WSS Poster Competition winners will be awarded as follows:

INDIVIDUAL ENTRIES	
1st Prize:	\$100
2nd Prize & 3rd Prize:	\$50
TEAM ENTRIES	
1st Prize:	\$50 for each team member, up to a maximum of \$200.
2nd Prize & 3rd Prize:	\$25 for each team member, up to a maximum of \$100

Winners and their teachers/academic supervisors will also be invited to attend the annual WSS awards dinner, typically held in June. For team entries, a maximum of four students per entry will be provided with free meals, although additional students may attend the dinner at their own cost.

Prizes & Awards, cont'd.

WSS poster competition winners will also have their submissions sent to the national ASA poster competition.

National winners will receive additional prizes as described at: <http://www.amstat.org/asa/education/ASA-Statistics-Poster-Competition-for-Grades-K-12.aspx>

Useful Resources about What Makes a Successful Poster

- ▶ **Webinar at (Under "Resources"):**
<http://www.amstat.org/asa/education/ASA-Statistics-Poster-Competition-for-Grades-K-12.aspx>
- ▶ **Observations from winners of the 2013 competition at:**
http://www.amstat.org/asa/files/pdfs/EDU-2013Posters_Observations.pdf
- ▶ **Winning posters from recent competitions at:**
<http://magazine.amstat.org/blog/2017/08/01/2017-poster-and-project-winners/>

The WSS and ASA also have competitions for written papers/projects with significant statistical content/analyses. Details for those competitions are at:

- ▶ **WSS Curtis Jacobs Memorial Prize:**
<http://washingtonstatisticalsociety.org/awards/#jacobs>
- ▶ **ASA:**
<http://www.amstat.org/asa/education/ASA-Statistics-Project-Competition-for-Grades-7-12.aspx>

