

# STATISTICS in the NEWS

*“A Statistician Reads the Newspaper”*



**Assignment:** Find an example in a newspaper, journal, or magazine, of an article that interests you and has evidence of statistics at work--based on the topics we have covered so far this year. Write a 1-page editorial in response to the article, noting why you chose the article and how it relates to your learning so far.

**Topics Covered**

So far this year, we have studied the following statistical topics:

- Displaying Distributions with Graphs
- Describing Distributions with Numbers
- Density Curves
- Normal Distributions
- Standard Normal Calculations
- Scatterplots
- Correlation
- Least-Squares Regression
- Transforming Relationships
- Cautions about Correlation and Regression
- Relations in Categorical Data
- Designing Samples
- Designing Experiments
- Simulating Experiments
- Probability
- Random Variables

REQUIREMENTS AND GRADING	
ELEMENT	POINTS
1) Article relates to a statistical topic that interests you.	__/1
2) Article is current (no more than 3 months old for a magazine article, no more than 1 month for newspaper article) and must have enough substance that you can comment on it according to all of the stated requirements.	__/1
3) Clearly and accurately describe/identify <u>2 or more</u> statistical topics present in the article.	__/4
4) Writing/Communication (i.e. spelling/grammar) is appropriate for an AP course.	__/2
5) Format as follows: Approximately 1 page double-spaced, typed, 12 pt font, 1" margins.	__/2
6) React to the content of the article you have chosen. How does this article relate to what you have learned so far? Make it a priority to talk intelligently about the statistics of the topic-at-hand.	__/10
<b>Total Points:</b>	__/20



Attach this sheet to your article and response. This assignment is due: \_\_\_\_\_