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.

REQUIREMENTS AND GRADING

<table>
<thead>
<tr>
<th>Element</th>
<th>Points</th>
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<tbody>
<tr>
<td>1) Article relates to a statistical topic that interests you.</td>
<td>__/1</td>
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<td>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.</td>
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<td>3) Clearly and accurately describe/identify 2 or more statistical topics present in the article.</td>
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<td>4) Writing/Communication (i.e. spelling/grammar) is appropriate for an AP course.</td>
<td>__/2</td>
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<td>5) Format as follows: Approximately 1 page double-spaced, typed, 12 pt font, 1” margins.</td>
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<td>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.</td>
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Total Points: __/20

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

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

Adapted from Teresa Dunleavy - Lakeville North High School