

In 1967, the minimum salary for a major league baseball player was \$6,000 per year. The average salary was \$19,000. As the years passed, baseball salaries have grown exponentially. In 1979, Nolan Ryan became the first player to earn \$1,000,000 each season. In that year the minimum salary was \$21,000 and the average, \$113,558. In 1996, Albert Belle was the first major league baseball player to make more than \$10,000,000 per season. He made \$11,000,000 in 1996. That year, 1996, the minimum salary was \$122,667 and the average was \$1,119,981. In 2000, Alex Rodriguez signed a ten year contract for \$252 million, \$25,200,000 each year. At that time the minimum salary was \$200,000 and the average was \$1,895,630. This year, the minimum salary is \$414,000 and the average is \$3,014,572.

In this 25-point project, we will be examining baseball salaries, by team, over a period of time. You and your partner will select a major league baseball team. From there, you will need to obtain the salaries of each player from that team for the years 2001 and 2011. Use the following website to help obtain the data:

<http://content.usatoday.com/sportsdata/baseball/mlb/salaries/team>

For each year, you will need to find the following for your team: mean, median, mode, range, lower quartile, upper quartile, interquartile range, and outliers. With your data and calculations, you and your group will make a double box-and-whisker plot, including the outliers.

All the calculations, data, and work will be part of a packet submitted separately. The box-and-whisker plots will be part of a poster board that must measure 14" by 22". Also included on the poster board will be the mean and mode for each set of data.

The project will be graded on the quality of work and accuracy of calculations. The project is due at the end of the period on Friday, May 20th.

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