From Winning at Sports to Winning at Life: The Impact of Sports

on Your Personal Success

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A Real World View of Applied Math and Statistics

Summer Ventures in Science and Mathematics

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Abstract

With budget cuts for states and schools in the tough economy, some schools are considering cutting athletic programs for students. As childhood obesity in America increases each year, kids are getting less and less active and subjecting themselves to much higher health risks and problems in the present and future. By using hypothesis testing, the data shows a negative correlation between sports participation and dropout rates. Also, many studies show the benefits of participating in sports, which, according to the data, may contribute to the decreasing dropout rates in North Carolina as school sports participation among high school students increases.