



Firearm Violence in the US

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A Real World View of Applied Math and Statistics

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Abstract

Over the past 20-some years the push for greater gun control laws and regulations has seemed to increase. Part of this greater push was caused by the increase of firearm violence during the early 1990s. Since then there have been laws implemented in efforts to reduce the statistics of deaths, injuries and crimes involving firearms. With recent events such as the Aurora, Colorado movie theatre shooting and more recent Sandy Hook Elementary shooting anti-gun advocates have been pressing forward for more gun control. The real question that arises here is whether having more laws to regulate firearm purchases and possessions will have any impact on the level of crime which is committed with such weapons. Data on the number of homicides, murders, and crimes committed with firearms for the years of 1993 to 2011 was researched and collected. Based on the data obtained, compared, and tested it was shown that regulations such as background checks do play a role in the number of crimes committed with firearms.