



Hide Toolbars

Effect of harmful weat comments (-) Share conditions on human life and property

Gaurav Bansal Saturday, July 19, 2014

Synopsis

This study was done to analyse the NOAA storm database to anser two questions: 1. Across the United States, which types of weather events are most harmful with respect to population health? 2. Across the United States, which types of events have the greatest economic consequences? The U.S. National Oceanic and Atmospheric Administration's (NOAA) storm database tracks characteristics of major storms and weather events in the United States, including when and where they occur, as well as estimates of any fatalities, injuries, and property damage. For the purpose of this study, the effect of weather events on population health is measured by number of fatalities and the economic consequences are measured by total property and crop damage in USD. The study finds that the out of all the weather events, the heat wave is the most drastic of them causing on an average of 70 fatalities and injuries to humans. Also, the study showed that heavy rains/severe weather was the most drastic to cause maximum on average damage to property, damaging approx. 1.25 bn US dollar of property and crops.

Loading Data

After loading the data we will keep only those columns needed for the analysis

```
storm <- read.csv("storm.csv")
str(storm)</pre>
```

http://rpubs.com/gb_bansal/22345