

Analysis of Storms, and other severe weather events that cause both public health and economic problems in United States.

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1. Synopsis

The National Oceanic and Atmospheric Administration (NOAA) maintains a public database for storm event. The data contains the type of storm event, details like location, date, estimates for damage to property as well as the number of human victims of the storm. In this report we investigate which type of events are the most harmful to the population and financially.

The conclusion is that the impact on humans, be it injuries or fatalities, isn't directly correlated to the economic damage weather events cause. Tornado is the highest cause for injuries and fatalities, whilst flood and drought cause the greatest cost of damages on the cops and properties.

2. Data Processing

2.1 Load all the libraried used for data loading, computation and plotting

```
library(R.utils)
library(data.table)
```

2.2 Unzip the file and process it:-

The data file is downloaded and copied to the working directory.

