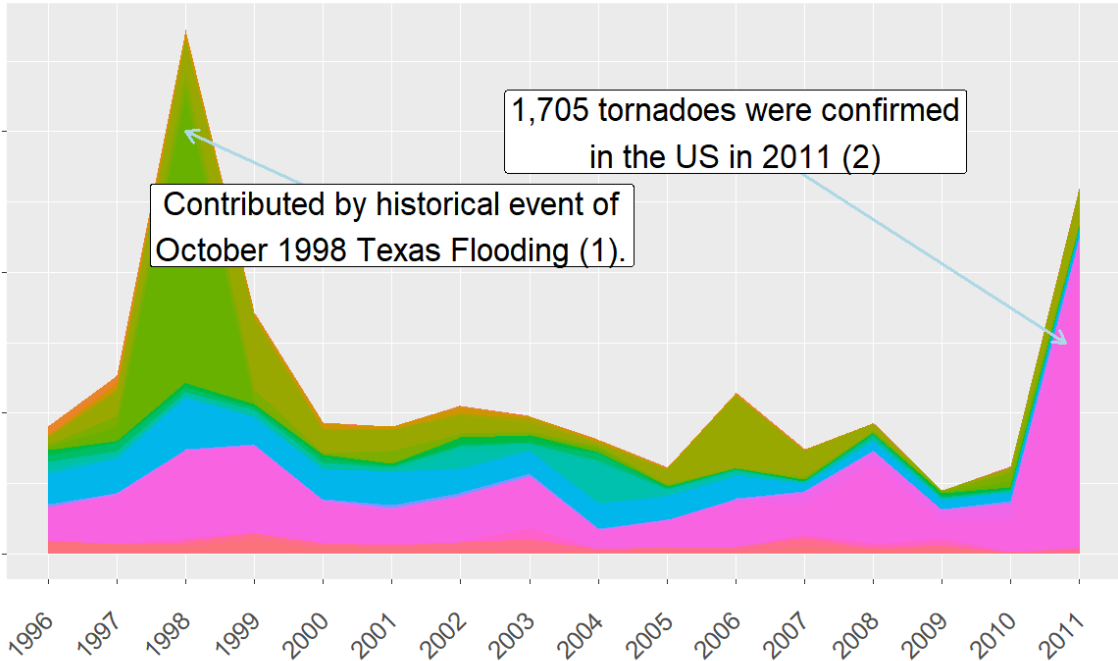


Storms and other disaster events data analysis

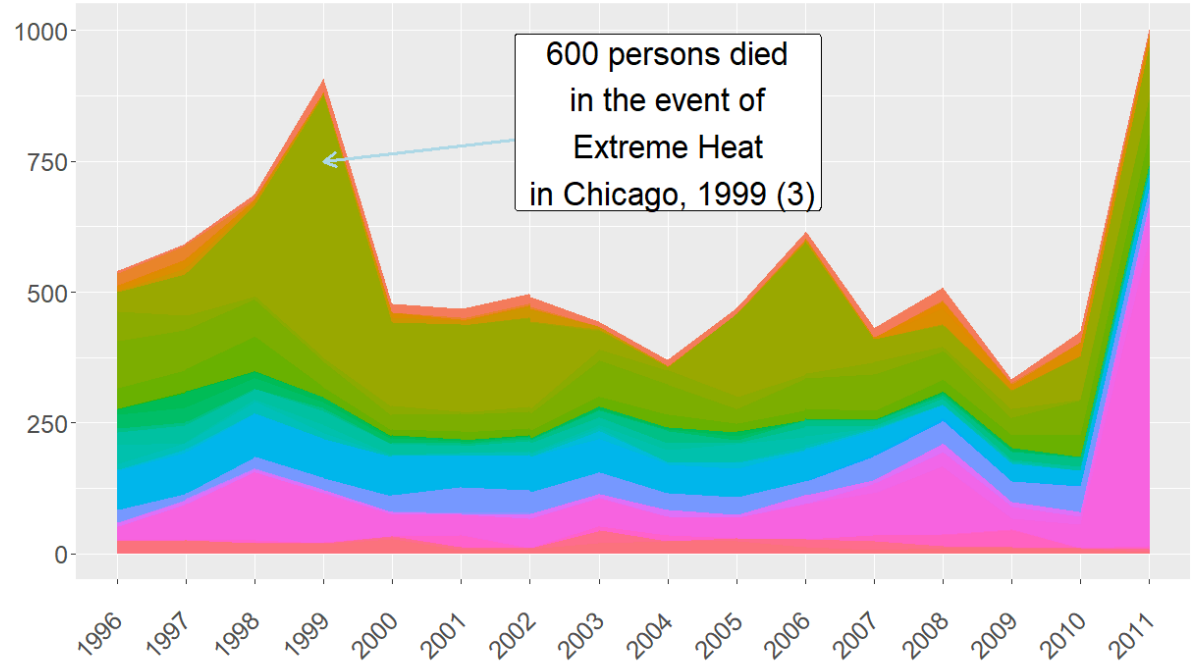
The data from U.S. National Oceanic and Atmospheric Administration's (NOAA) Storm Database collected between 1996 and 2011 shows that in terms of **population health**, **tornado**, **excessive heat**, and **lightning** caused the most damage, while **drought**, **flood** and **hurricanes** had tremendous **economic consequences**.

The code is available at <https://github.com/haithanhhoang/AMOD-5250H.git> for recreation.

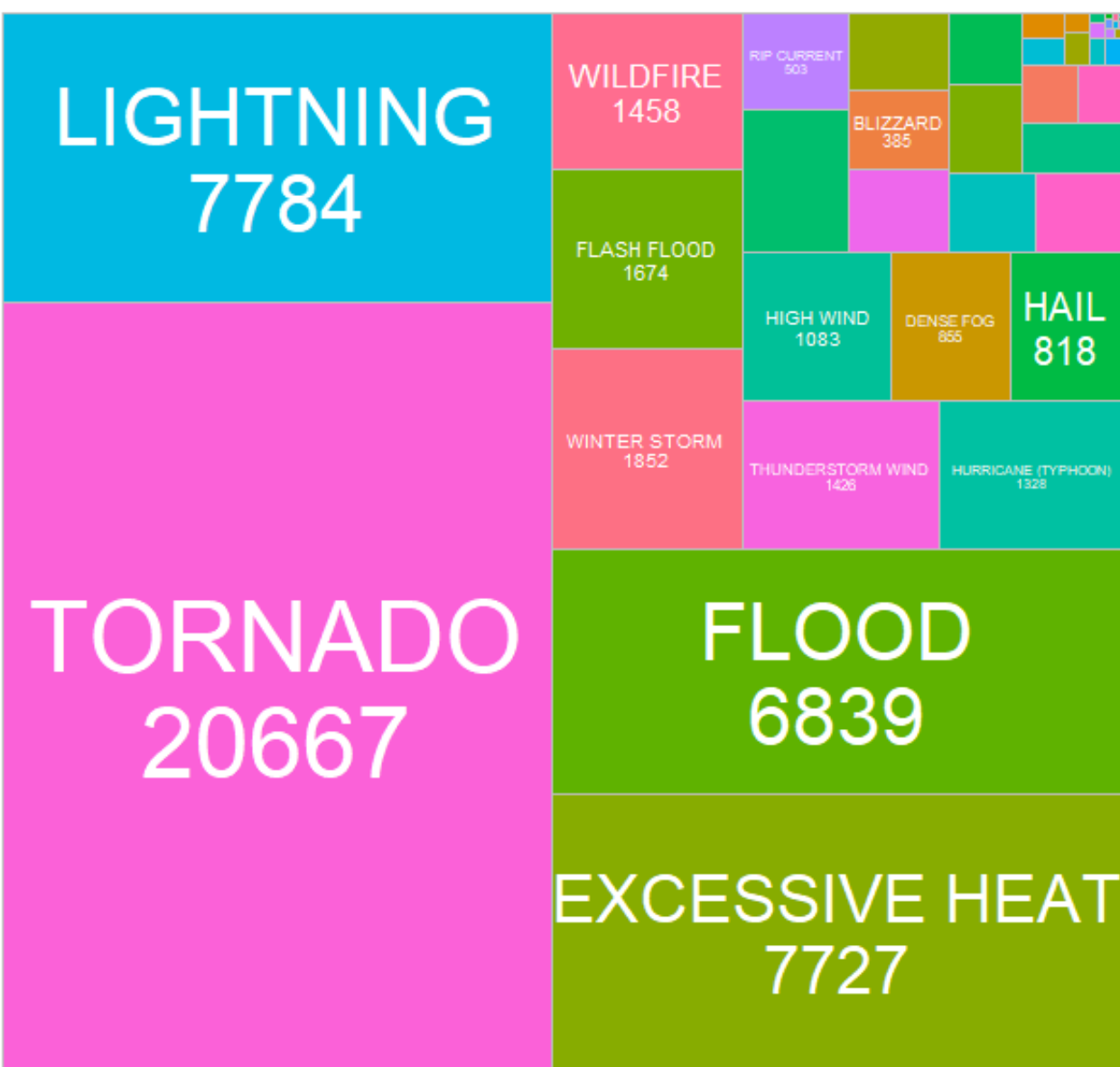
Injuries caused by natural events over 1996-2011



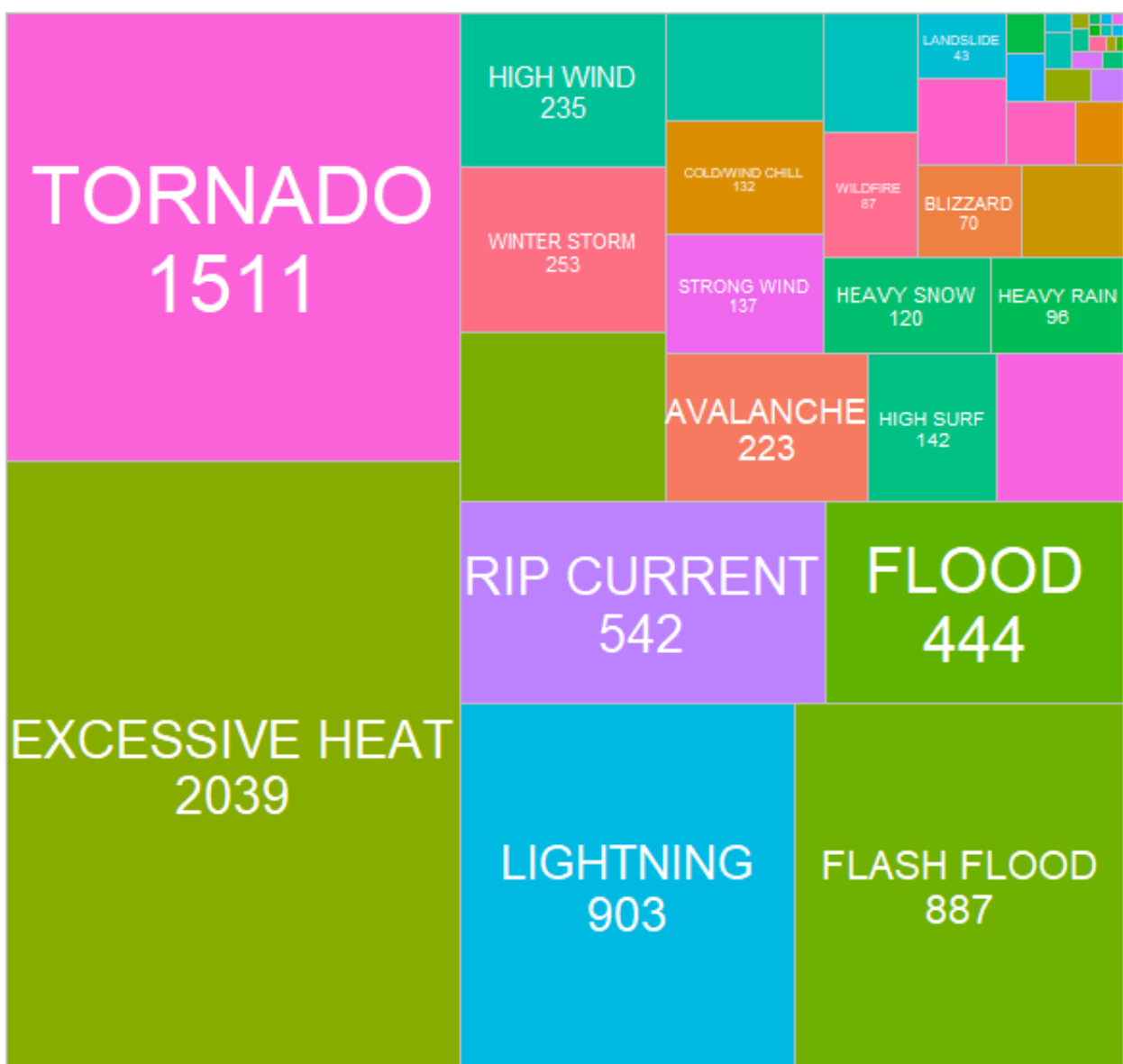
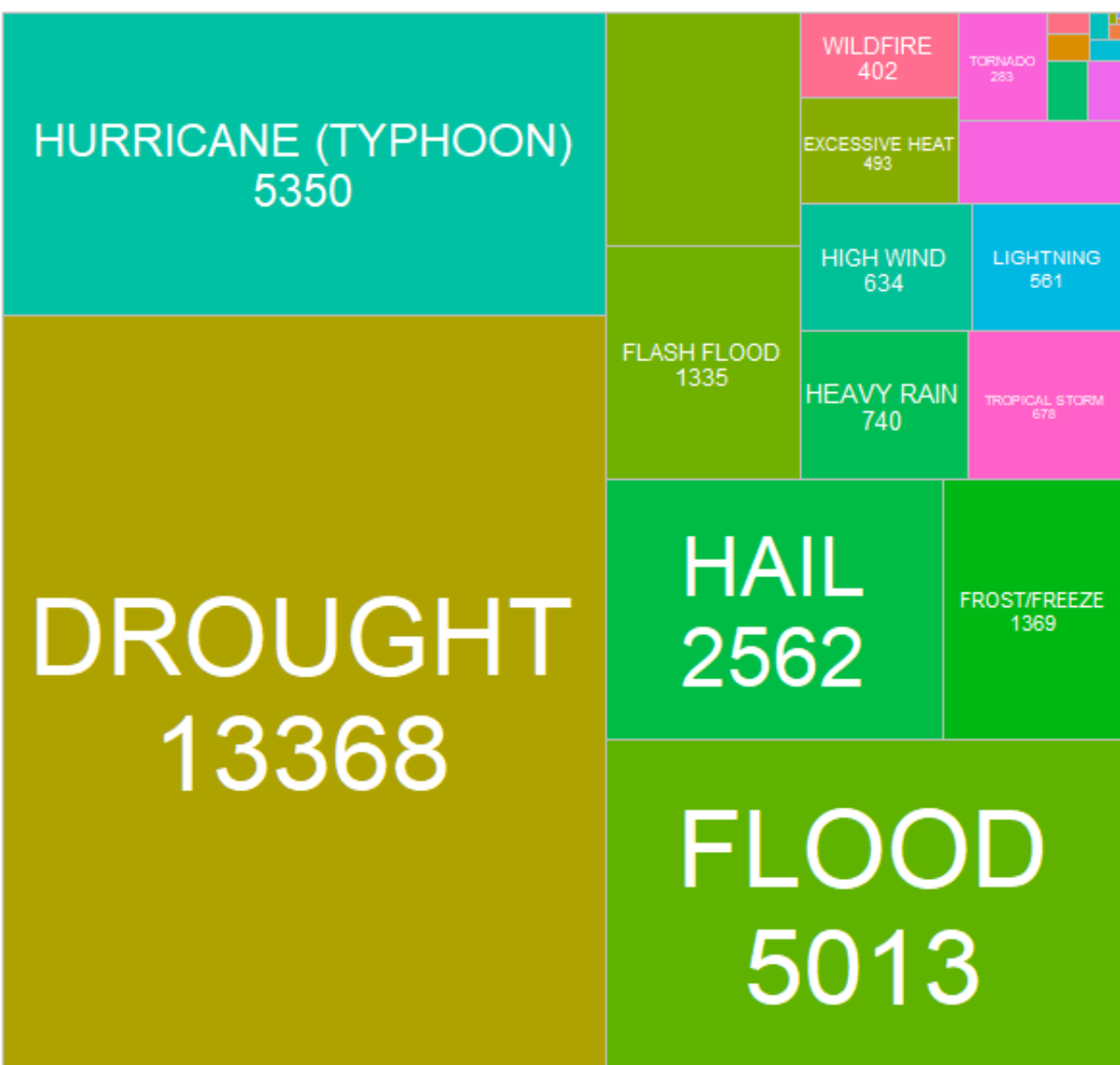
Fatalities caused by natural events over 1996-2011



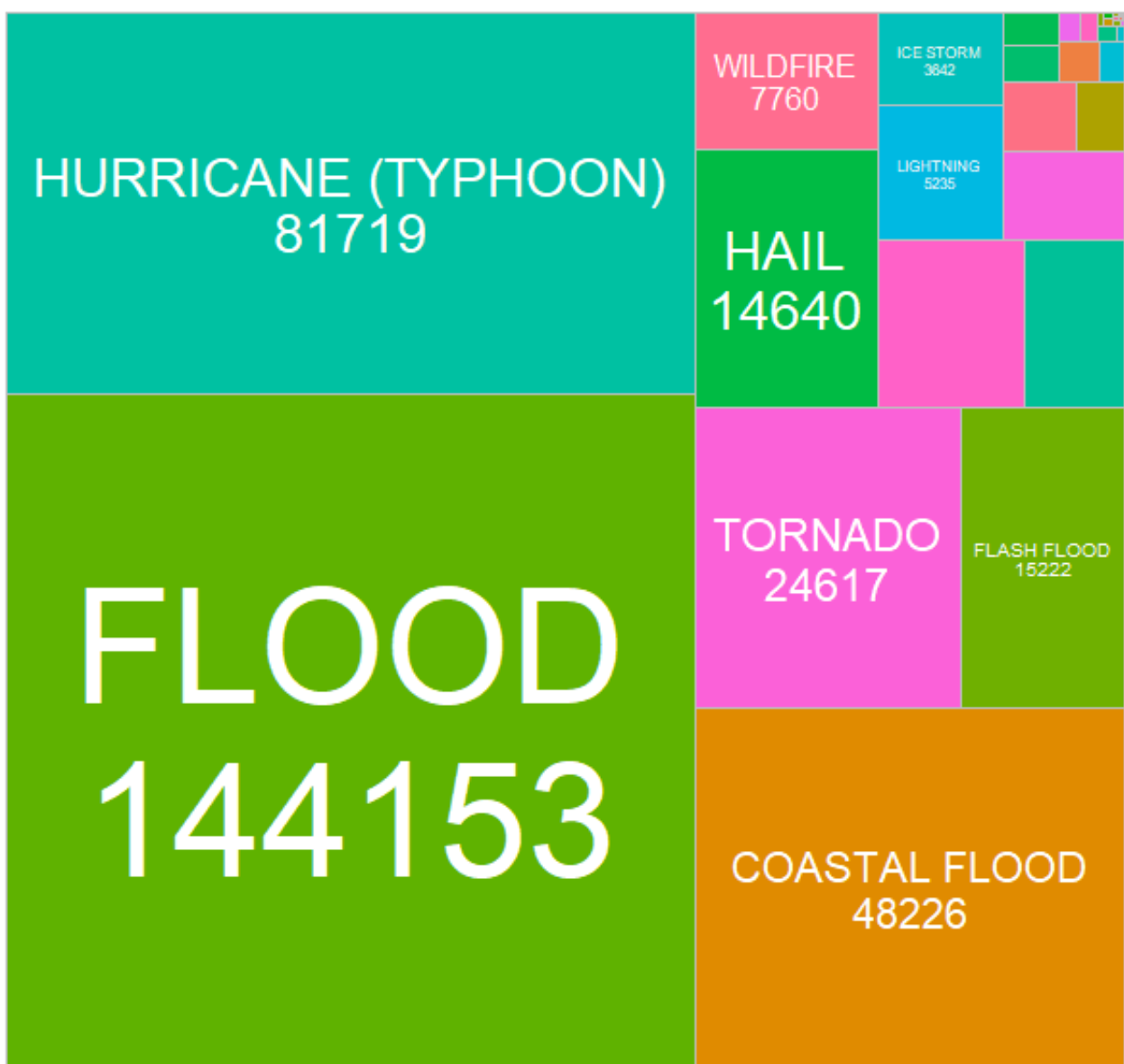
Total Injuries (unit: people)



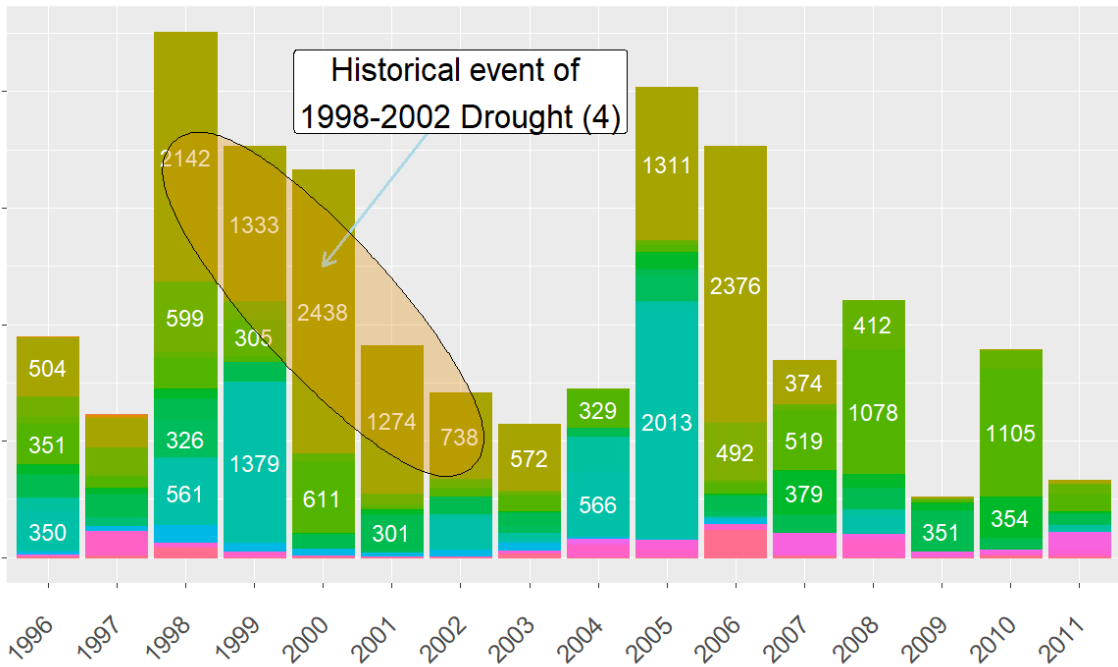
Total Fatalities (unit: people)

**Total crop damaged (unit: million USD)**

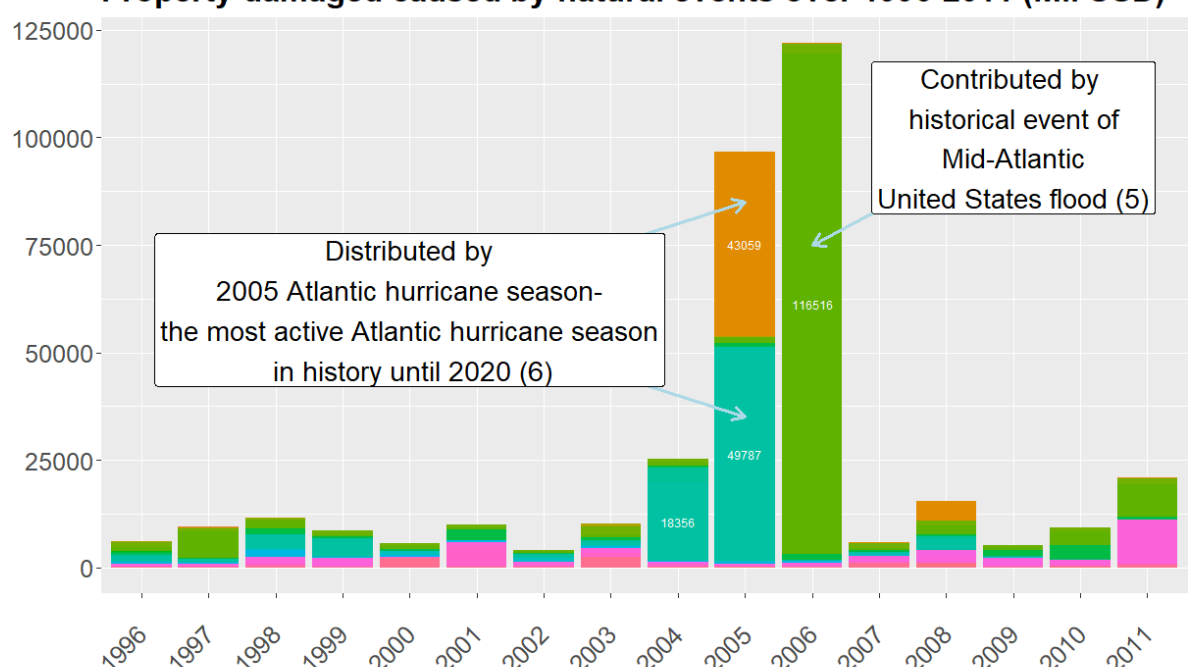
Total property damaged (unit: million USD)



Crop Damaged caused by natural events over 1996-2011 (Mil USD)



Property damaged caused by natural events over 1996-2011 (Mil USD)



- (1) Wikipedia contributors. (2023a, January 21). October 1998 Central Texas floods. Wikipedia. https://en.wikipedia.org/wiki/October_1998_Central_Texas_floods
- (2) Wikipedia contributors. (2023, February 17). *2011 Super Outbreak*. Wikipedia. https://en.wikipedia.org/wiki/2011_Super_Outbreak
- (3) National Weather Service. (n.d.). Extreme Heat Episode in Chicago July 29-31, 1999. <https://www.weather.gov/lot/1999Jul29>
- (4) CPPP | 1998–2002 Drought. (n.d.). <https://www.cisa.sc.edu/atlas/events-2002.html>
- (5) Wikipedia contributors. (2023a, January 10). 2006 Mid-Atlantic United States flood. Wikipedia. https://en.wikipedia.org/wiki/2006_Mid-Atlantic_United_States_flood
- (6) https://en.wikipedia.org/wiki/2005_Atlantic_hurricane_season
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