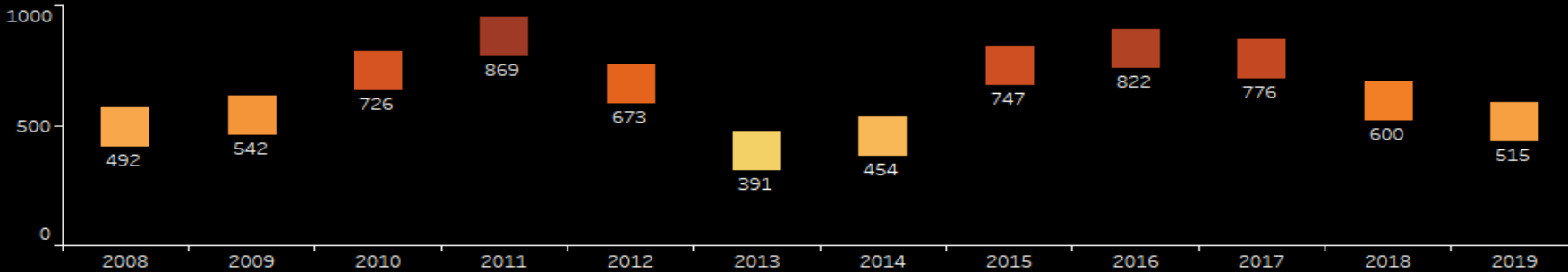


# Halloween Predictions

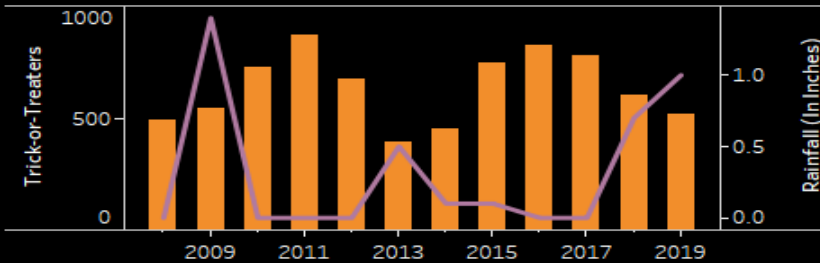
Jeffrey Shaffer has lived in Cincinnati, Ohio for twelve years, the date for Trick-or-Treating is October 31<sup>st</sup>, and he collects data on the number of Trick-or-Treaters.



## Trick-or-Treaters by Year

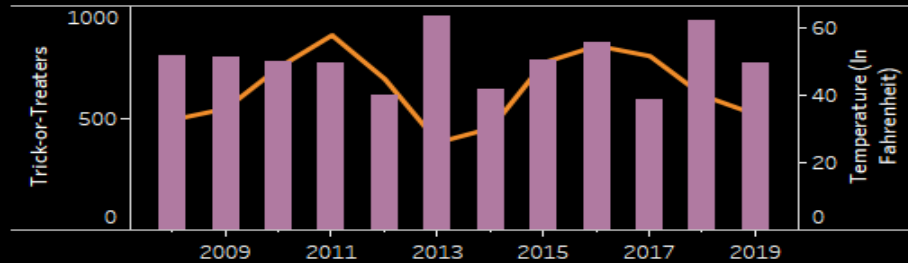


## Does Rain Impact Trick-or-Treaters?



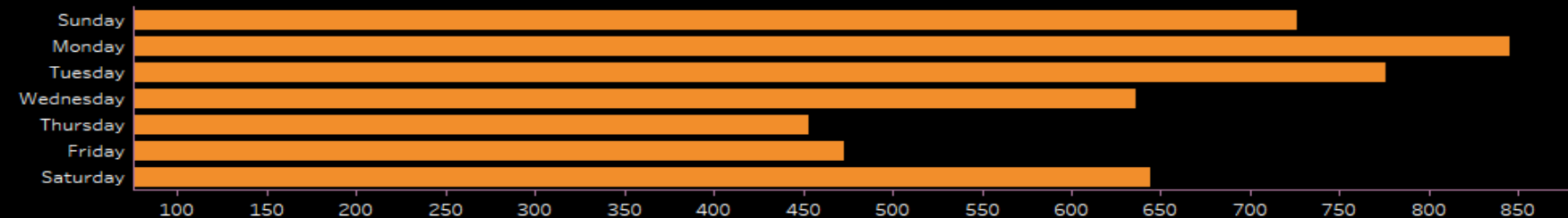
Trick-or-Treaters  
Rainfall

## Does Temperature Impact Trick-or-Treaters?



Temperature  
Trick-or-Treaters

## Does the Day of Week Impact Trick-or-Treaters?



Trick-or-Treater data collected from: <https://www.dataplusscience.com/HalloweenData.html>

Weather Information collected from: <https://www.wunderground.com/history/daily/us/oh/cincinnati/KLUK/date/>

- While the data set is small, there are patterns that emerge:
  - ✓ Rain impacts the number of Trick-or-Treaters
  - ✓ Temperature does not have an impact on Trick-or-Treaters
  - ✓ Monday, a school night, is the busiest day for Trick-or-Treaters
  - ✓ Data cannot predict unforeseen events such as COVID-19