QGIS Analysis:

1. Upload [Modified Zip Code Tabulation Area (MODZCTA)](https://data.cityofnewyork.us/Health/Modified-Zip-Code-Tabulation-Areas-MODZCTA-/pri4-ifjk) .shp file to use as a base map
2. Import “hvi\_claims\_sandy\_left\_acs.csv” and “hvi\_claims\_ida\_left\_acs.csv”
3. Perform tabular joins by zip code with copies of the base map for each csv
4. Set the symbology to “Graduated” and use the “pct\_change1412” column for the Sandy Claims layer.
   1. Find a diverging color ramp since there is a zip code with a negative percent change
   2. Make sure values near 0 are represented by a light/ near white color
5. Set the symbology to “Graduated” and use the “pct\_change2321” column for the IDa Claims layer.
   1. Find a diverging color ramp since there are zip codes with a negative percent change
   2. Make sure values near 0 are represented by a light/ near white color
6. Import “intersection.csv”
   1. Perform a tabular join by zip code with a copy of the base map for this csv
   2. Calculate a new field “claimdiff” by using the formula: intersection\_ida\_claims - intersection\_sandy\_claims
7. Set the symbology to “Graduated” and use the “claimdiff” column for the Intersection layer.
   1. Find a diverging color ramp since there are zip codes with a negative percent change
   2. Make sure values near 0 are represented by a light/ near white color