

## Exercise: Median Earnings in New York, by County

### Summary

This exercise examines median earnings in New York for the population 16 years and older who had any earnings. Just FYI, earnings refers labor income and excludes income from capital (physical or financial assets) and transfer payments from the government.

### Input Data

There are two input files: **ny\_counties.zip**, the county shapefile from the earlier exercise, and **earn\_by\_county.csv**, a CSV file containing Census data on earnings.

### Deliverables

There are two deliverables: (1) a QGIS project file called **earn\_by\_county.gqz**; and (2) a PNG file called **earn\_by\_county.png** that will be a heat map of median earnings.

### Instructions

1. Build a heat map of the median earnings in 'earn\_by\_county.csv' using **ny\_counties.zip**. Please set up the heat map using quantiles with five classes and the "Spectral" color ramp.
2. Please save the QGIS project as **earn\_by\_county** in the GitHub directory for the assignment.
3. Export the image to the GitHub directory as well and call it **earn\_by\_county.png**.

### Submitting

Once you're happy with everything and have committed all of the changes to your local repository, please push the changes to GitHub. At that point, you're done: you have submitted your answer.

### Tips

- Using the same base name, **earn\_by\_county**, for all of the files is handy because it keeps related files together in directories with large numbers of files. It also helps reduce confusion since it's very clear that the files are all part of a single conceptual task.