

Data sets are publicly available:

- Census data: 2010 Census Block/Block group data and 2010 Census Urban Area
- Hog farm data: animal facility map data are provided by NC DEQ.
- Community water data are managed by the NC DEQ Division of Water Resources.

Note: Census block group data, Census urban area data, hog farm data, and community water data are uploaded to GitHub. Census block data are too large to upload, but the data can be found <https://www.nconemap.gov/datasets/nconemap::2010-census-block-groups/about>

Data sets used under Data User Agreement:

- InfoUSA are accessed under a use agreement with Duke University.
- Poultry farm data are accessed under an agreement with the Environmental Working Group.

Examples of InfoUSA and poultry farm data are uploaded to folder “Data under DUA”.

In this study, we use location (latitude and longitude) and demographic information (race, income, and owner vs renter) from InfoUSA, and location (latitude and longitude) and animal counts from hog and poultry farm data.

All census data and community water data are in shapefiles. The raw InfoUSA and hog data are in txt format, and we use latitude and longitude to geocode the data in ArcGIS. The raw poultry farm data are in shapefile. We export both hog and poultry data to Stata for data cleaning: AFOs_SSLW.dta and EWG_Poultry_Final.dta.