Step 3. Overview

Clean & Harmonize Data

Step 3 is broken into two parts with folders titles:

* **3A: Clean Hub Data**, containing:
  + 3A\_Cleaning\_Hub\_Data.html: R code explaining steps needed to clean raw hub data to be able to put into template
  + Hub\_Data\_Clean folder: contains cleaned hub data files exported from R code
    - hospitals.csv
    - policeStations.csv
    - universities.csv
* **3B: Harmonized Spatial Data**, containing:
  + 3B\_Harmonizing\_Spatial\_Data.html: R code explaining steps needed to clean raw spatial data to be able to put into template
  + Spatial\_Data\_Clean folder: contains cleaned hub data files exported from R code
    - county\_1km\_grids folder
      * contains .shp files of 1km grids of every county in PA
    - county\_outline.shp
    - establishment\_risk.shp
    - hub\_density.shp

Upon the completion of step 3, all data will be ready to put into pestHubMap template and SQL database.