

# Data preparation

1. Basic water system information small community water systems in California ( $n = 1122$ )
  - Geospatial data, water source type, connection count, population count, county
  - Small = piped connections < 200 & population served < 10,000
2. Approximated demographic information for each community water system
  - American Community Survey (2012); processed via ArcMap, R
3. Water quality violation data ( $n = 139$ )
  - Human Right to Water Portal (State Water Resources Control Board)
4. Water monitoring violation data ( $n = 90$ )
  - Manually pulled from 2646 pdf letters ([Enforcement actions](#), State Water Resources Control Board)