

Data Overview

OCRUG Hackathon 2019

2019-5-18

Safe Drinking Water in California

On September 25, 2012, Gov. Jerry Brown signed a law declaring a right **“to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.”**



All the data

The Open and Transparent Water Data Act increased the incentive to publish water and ecosystem information in an **open data format**.

We have selected a starting point of 4 datasets

- Public Water System Information
- California Population Projection
- Periodic Groundwater Level Measurements
- Human Right to Water Regulatory

Dataset 1

Drinking Water - Public Water System Information

Public Water System (PWS)

regulatory term used in the United States to an entity that provides "water for human consumption through pipes or other constructed conveyances to at least 15 service connections or serves an average of at least 25 people for at least 60 days a year."

Dataset 1

Drinking Water - Public Water System Information

Contains information of around 8000 PWS, including information regarding

- IDs
- City location,
- Populations,
- Services and statuses

Dataset 2

California Population Projection by County, Age, Gender and Ethnicity

Dataset 3

Periodic Groundwater Level Measurements

Stations

Information about the location of groundwater wells

Well Perforations

Locations of Well Perforations within some of the wells

Measurements

Groundwater level time series measurements

Dataset 4

Human Right to Water Regulatory

This dataset includes public water systems (PWS) compliance status regarding violations.

Other datasets

State Open Data Portals



Federal Open Data Portals

