

Summary of results from the 2020 Volumetric Annual Report of Wastewater and Recycled Water in California

Agenda Item 9



Division of Water Quality, October 19, 2021



Rebecca Greenwood



Laura McLellan



Annalisa Kihara

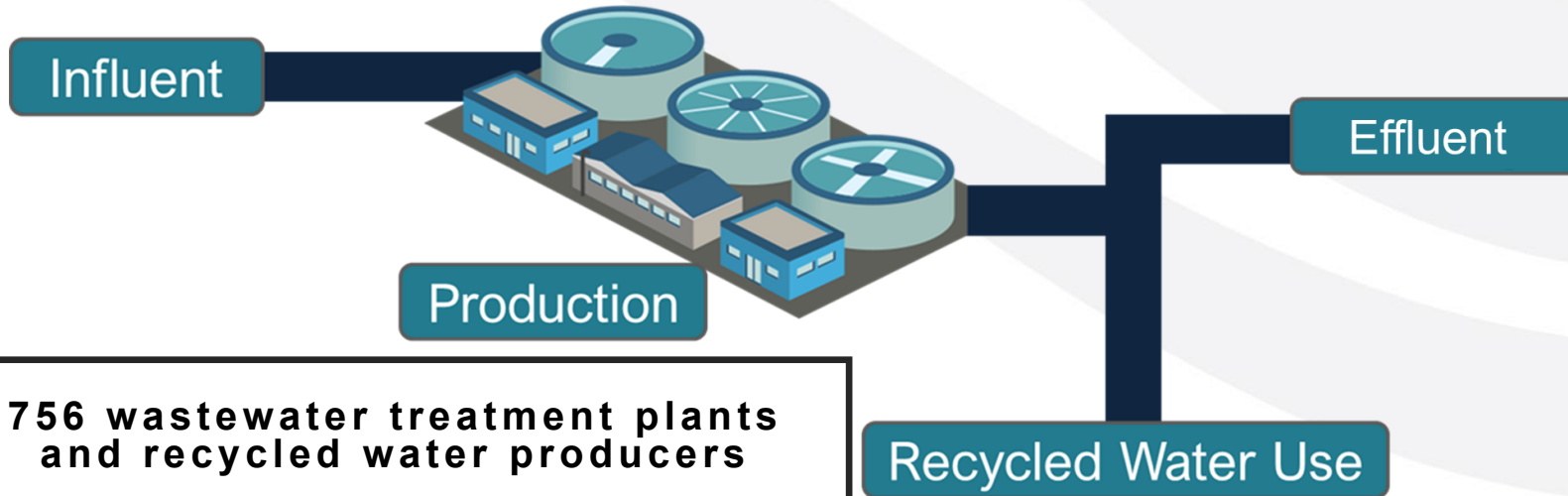


Claire Waggoner

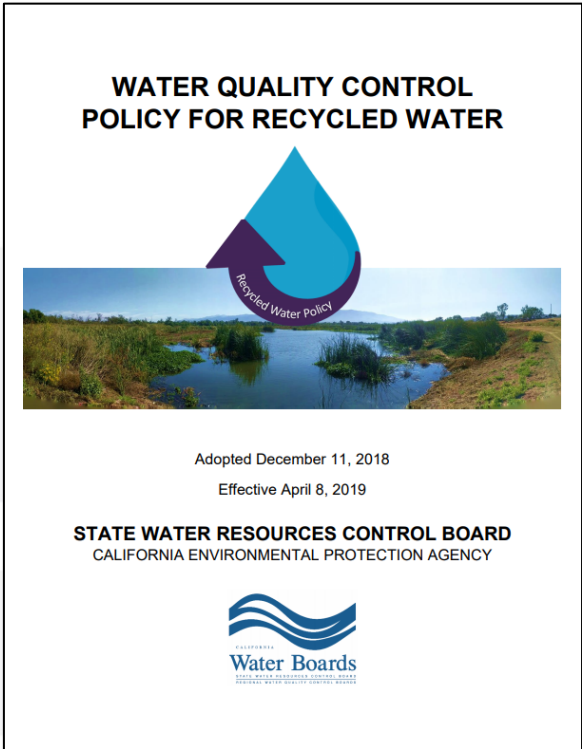


Tim Regan

Recycled Water Policy Goals



756 wastewater treatment plants and recycled water producers



INCREASE
the volume of recycled water used to at least 2.5 million acre-feet a year in the next decade

MAXIMIZE
reuse where groundwater supplies are in a state of overdraft

REUSE
all dry weather discharge to enclosed bays, estuaries, coastal lagoons, and ocean waters, as feasible

2009 & 2015

Recycled water survey



June 2020

First volumetric reports collected



January 2021

Board information item/
data publicly available

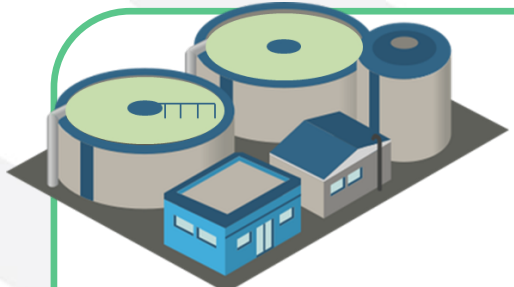
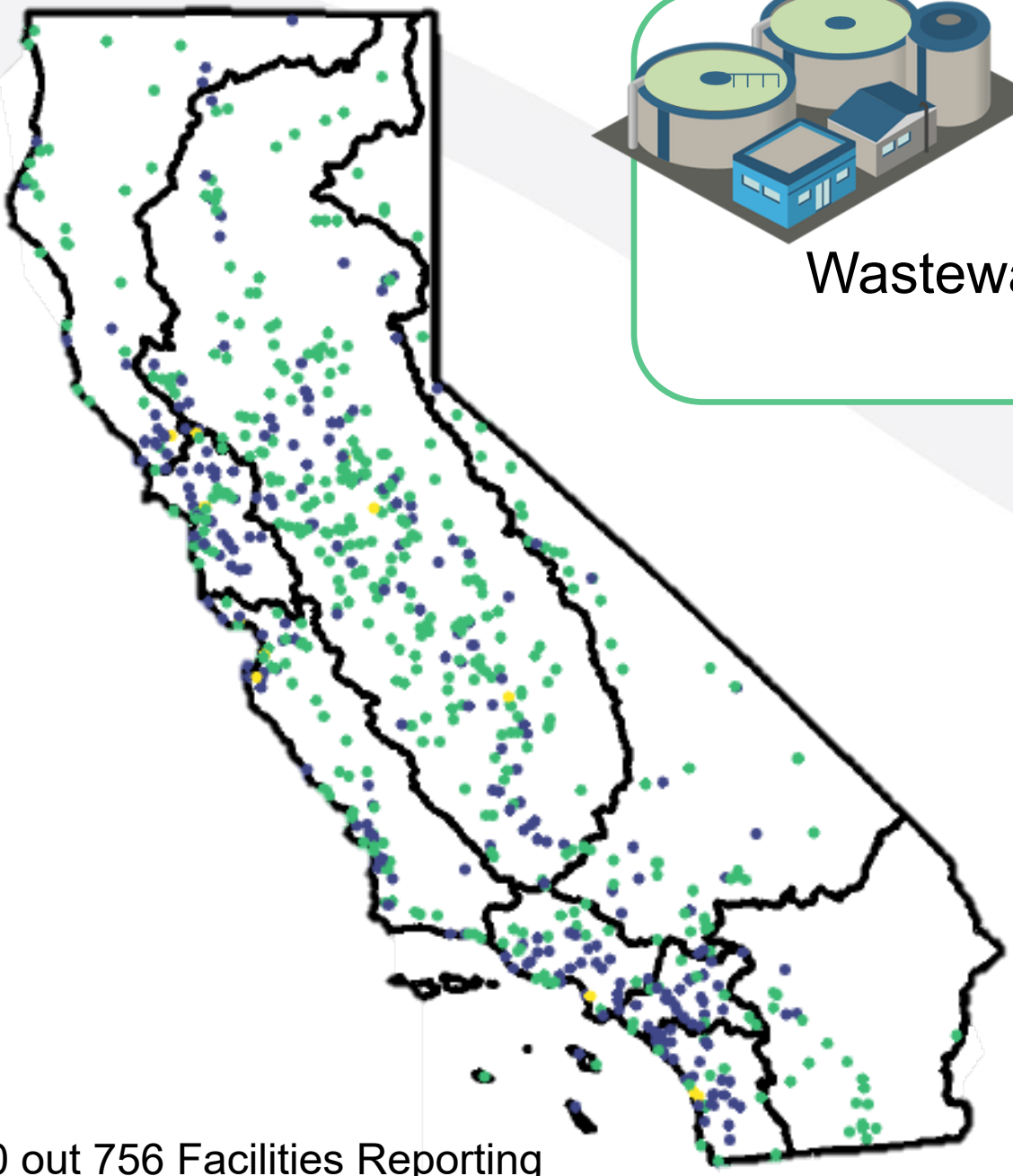


2018 & 2019

Amendment to Recycled Water Policy and Orders to update monitoring and reporting

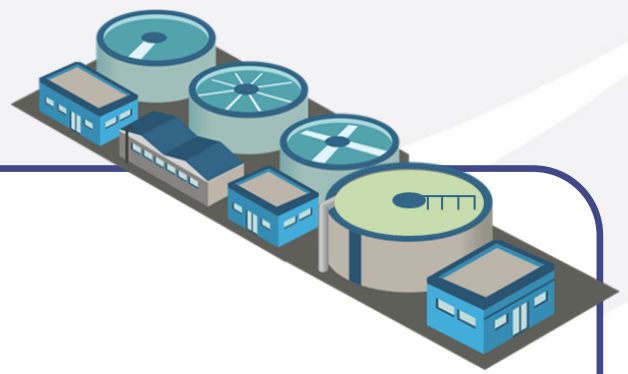
Volumetric Reporting Compliance



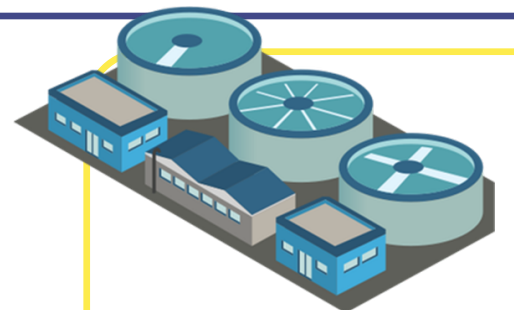


429

Wastewater Treatment Plants



261
 Wastewater Treatment Plants that produce recycled water



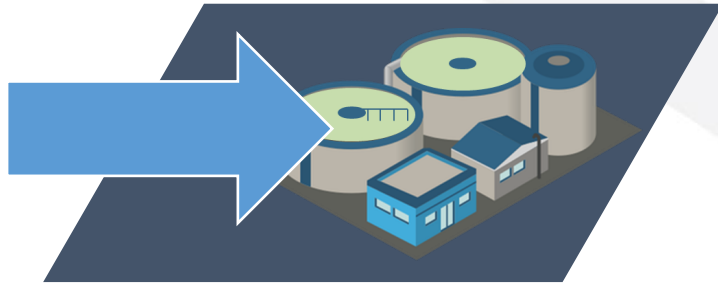
20

Recycled Water Producers*

* These facilities do not receive raw wastewater

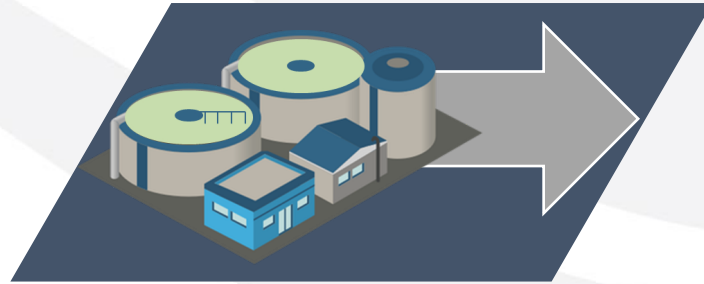
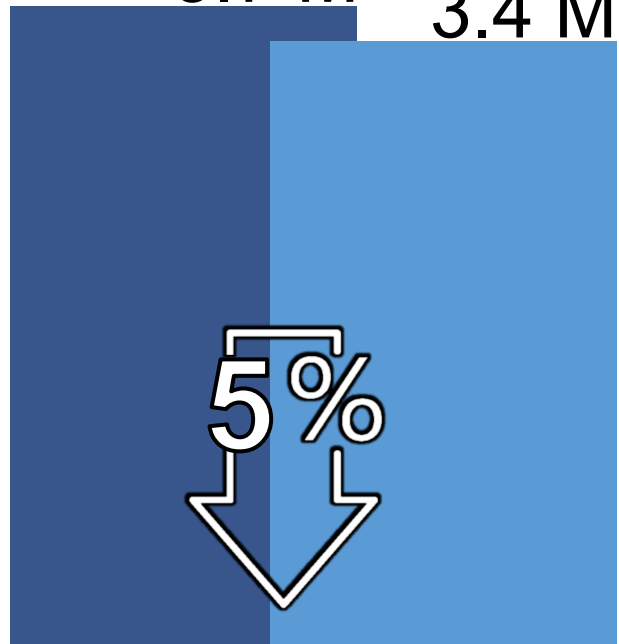
710 out of 756 Facilities Reporting

2019 & 2020 Volume Comparison



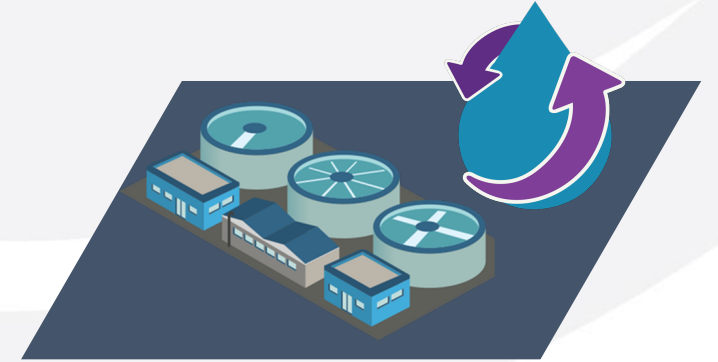
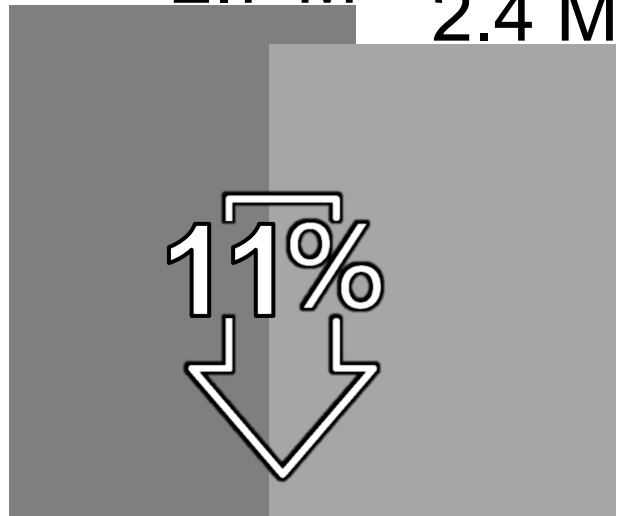
Influent

3.7 M 3.4 M



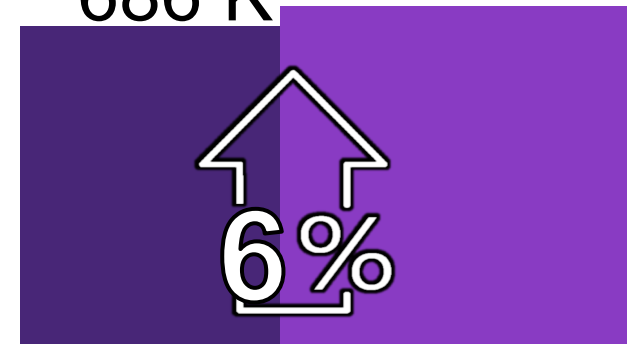
Effluent

2.7 M 2.4 M



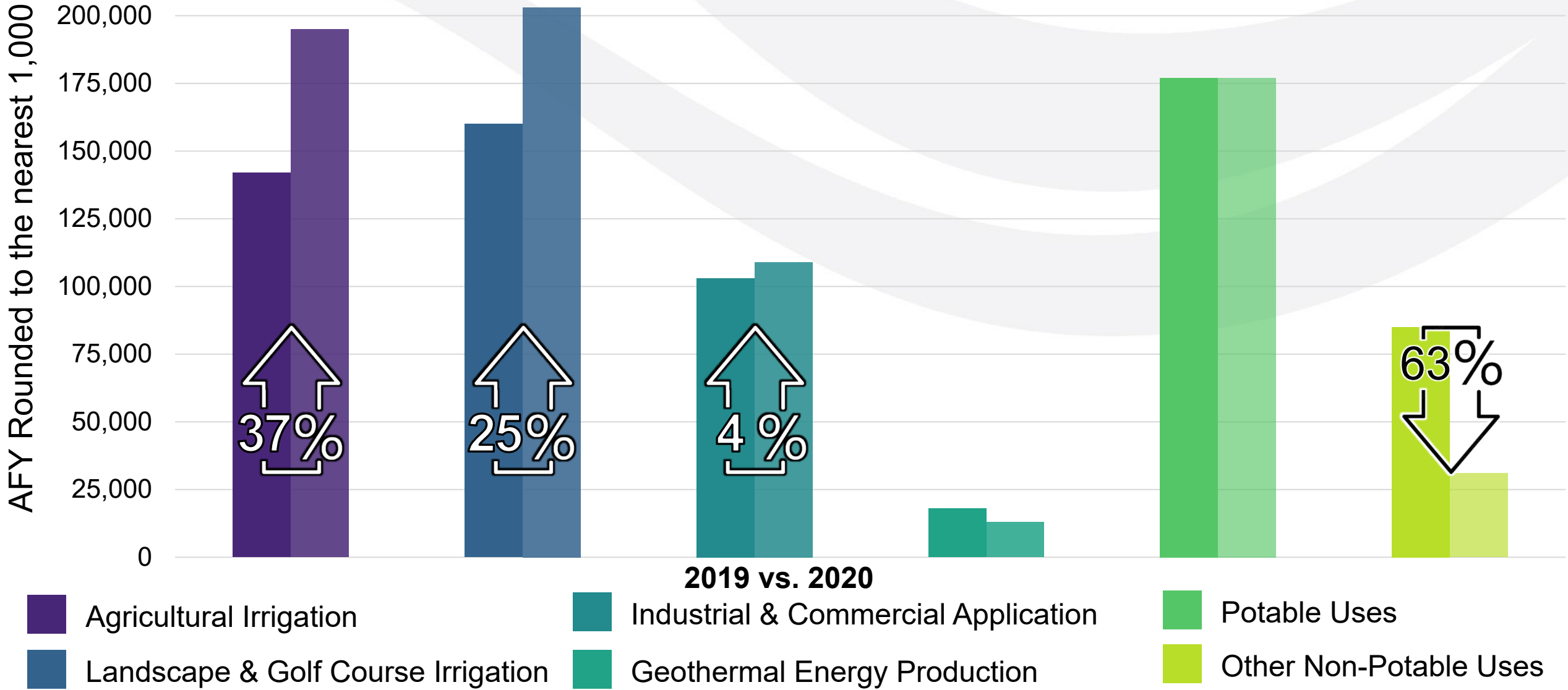
Recycled Water

686 K 728 K



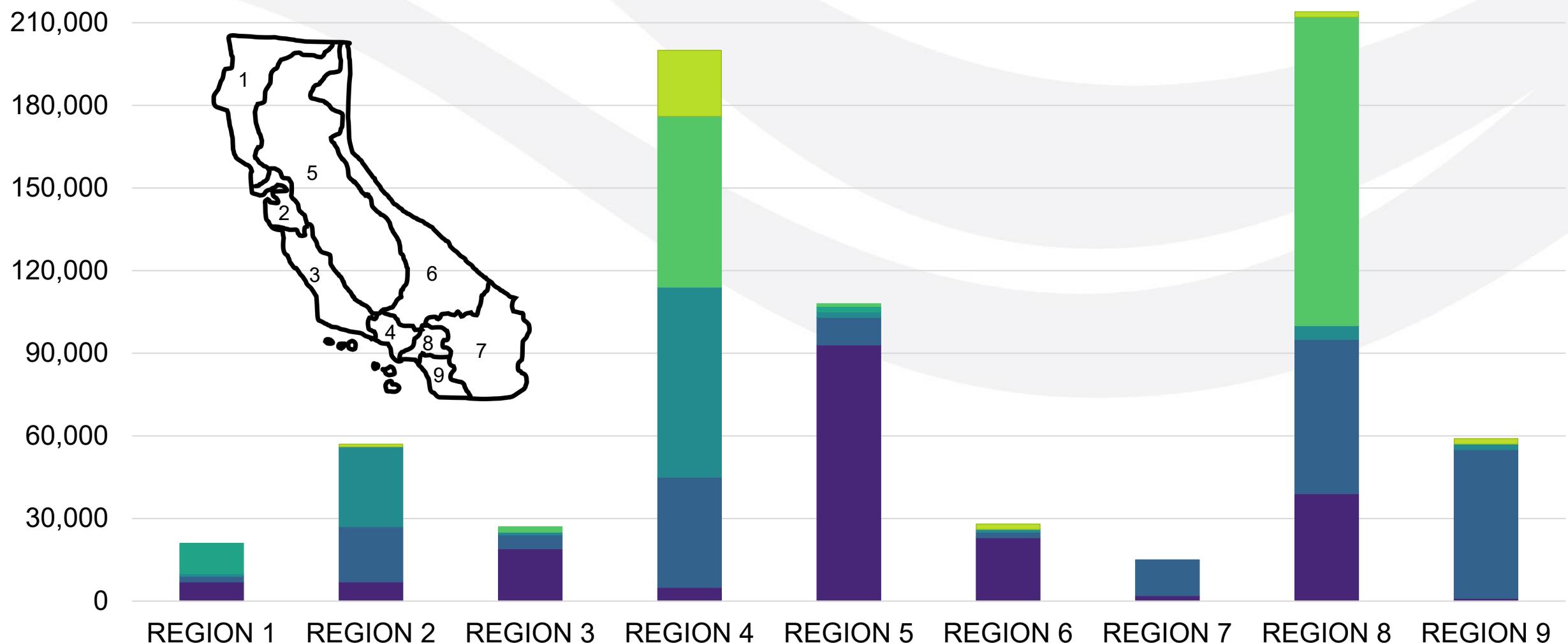
Acre-Feet per Year (AFY)

2019 & 2020 Recycled Water Use by Category

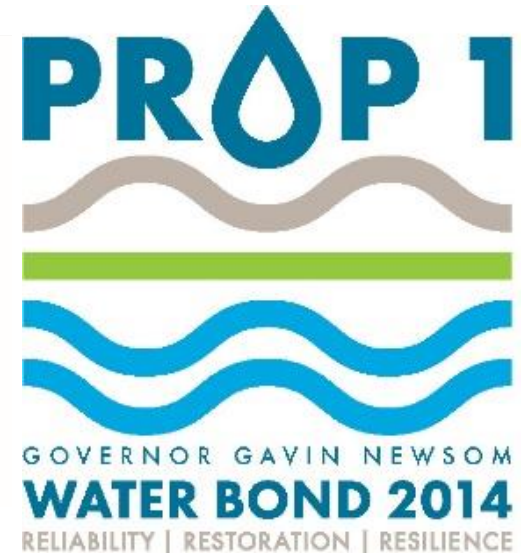


2020 Recycled Water Use by Regional Board

AFY Rounded to the nearest 1,000



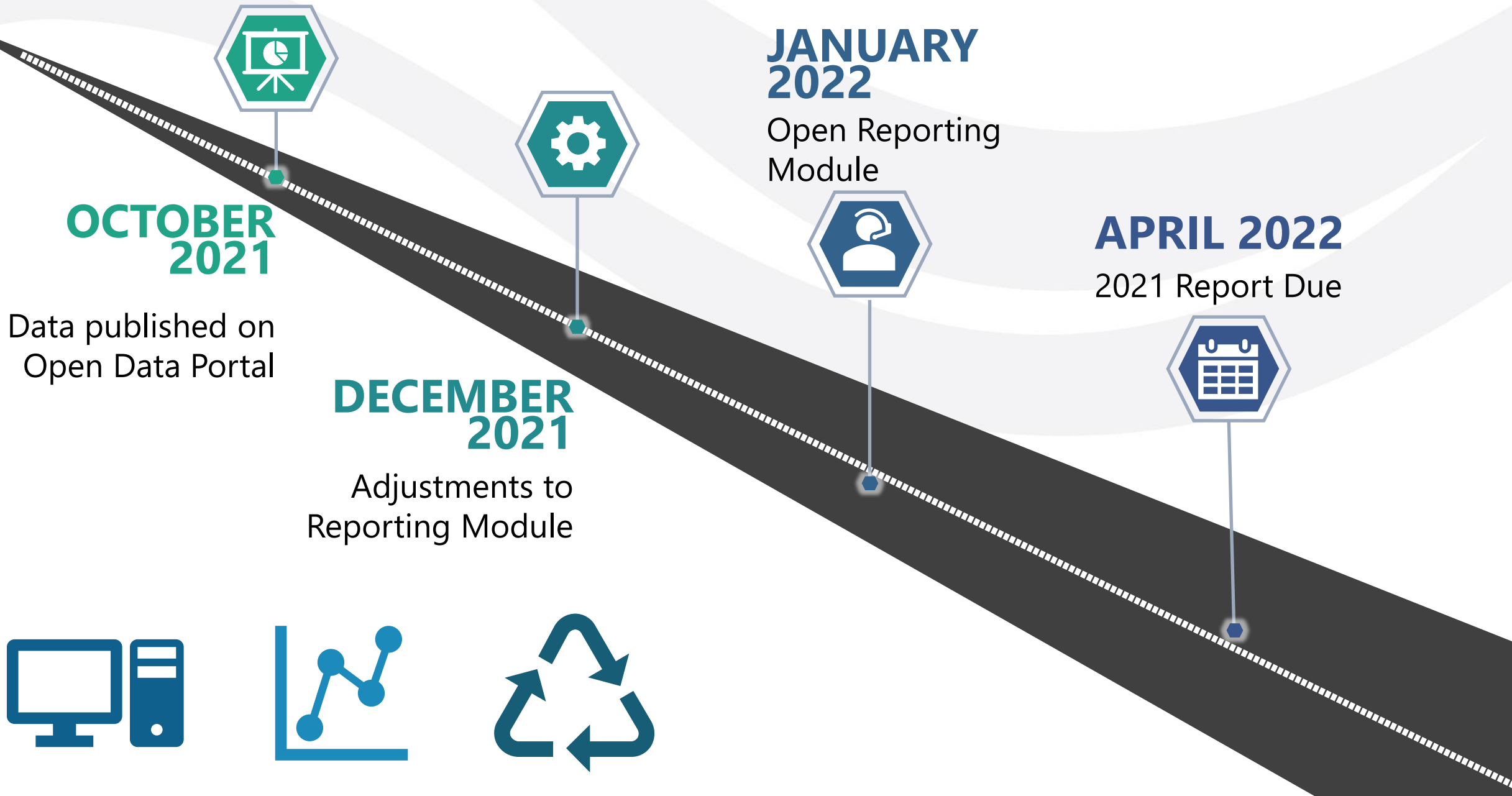
Recycled Water Funding and Research



Identify the Amount of Wastewater that is Available and Feasible to Recycle in California

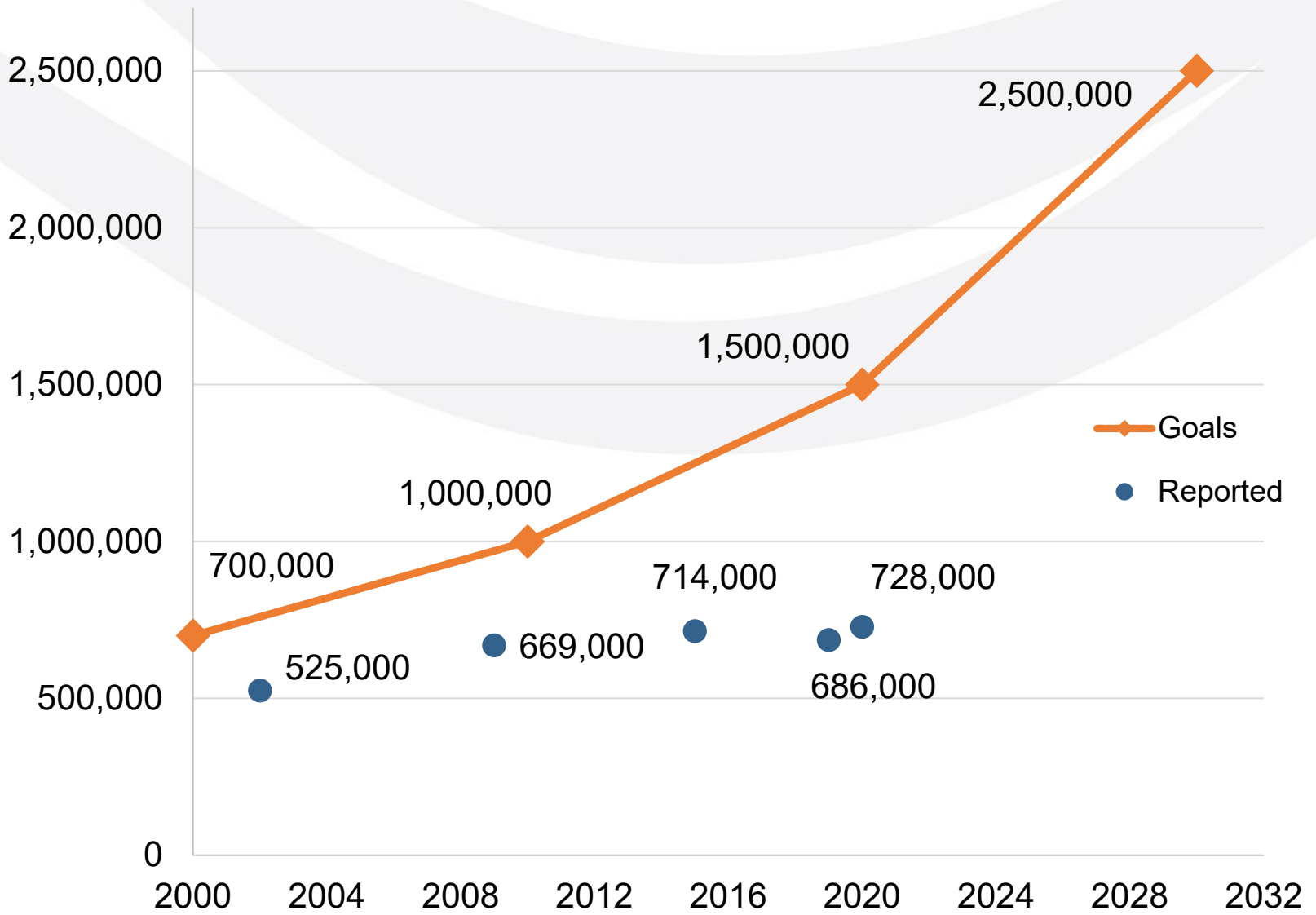
Prepared by:
Main Authors
Affiliations of Main Authors

COMING JULY 2022
July 2022



Looking Forward

- Outreach and Collaboration
- Open data
- Informed, data-driven decision-making



Contact Us

For assistance with creating a GeoTracker account can email: geotracker@waterboards.ca.gov

For assistance with the volumetric annual report, email: recycledwater@waterboards.ca.gov

Help guides and additional resources and a link to the Open Data Portal can be found at: waterboards.ca.gov/recycledwater

