Who Really Controls California Water?

League of California Cities
Sacramento, CA
September 14, 2017

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Retail water institutions
Retail water purveyors in California

2,407
Retail water systems

Number of entities
- Cities: 1,305
- Counties: 280
- Special districts: 583
- Public utilities: 107
- Mutual companies: 127

Population served (M)
- Cities: 20.1
- Counties: 1.4
- Special districts: 10.6
- Public utilities: 0.4
- Mutual companies: 0.4
California cities

482
City ownership of a water system

- Yes: 280
- No: 202
Population served by 10 largest cities

Los Angeles
San Diego
San Francisco
Fresno
Sacramento
Long Beach
Anaheim
Riverside
Santa Ana
Huntington Beach
Other cities
Percentage of city population served

- Less than 50%: 19
- 50% to 80%: 19
- 80% to 120%: 229
- More than 120%: 13
Overlapping jurisdictions

City
190

District
111
35
21
32

Private
39
54
Operation of city-owned systems
## Special districts

<table>
<thead>
<tr>
<th>Type</th>
<th>Abbr.</th>
<th>Number</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>County water districts</td>
<td>CWD</td>
<td>188</td>
<td>3,545,000</td>
</tr>
<tr>
<td>Municipal water districts</td>
<td>MWD</td>
<td>25</td>
<td>1,750,000</td>
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<tr>
<td>Municipal utility districts</td>
<td>MUD</td>
<td>1</td>
<td>1,300,000</td>
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<tr>
<td>Irrigation districts</td>
<td>ID</td>
<td>55</td>
<td>1,030,000</td>
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<tr>
<td>California water districts</td>
<td>CAL</td>
<td>28</td>
<td>1,010,000</td>
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<tr>
<td>Special law districts</td>
<td>SL</td>
<td>32</td>
<td>780,000</td>
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<td>Community services districts</td>
<td>CSD</td>
<td>188</td>
<td>620,000</td>
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<tr>
<td>Joint powers authorities</td>
<td>JPA</td>
<td>6</td>
<td>360,000</td>
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<tr>
<td>Public utility districts</td>
<td>PUD</td>
<td>49</td>
<td>195,000</td>
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<tr>
<td>Sanitary districts</td>
<td>SD</td>
<td>3</td>
<td>2,000</td>
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<tr>
<td>Others</td>
<td>OTH</td>
<td>8</td>
<td>50,000</td>
</tr>
</tbody>
</table>
Special districts

Number

Population served

583

10,638,000
Water systems by class

Population

Number of systems

Cities  Counties  Special districts  Public utilities  Mutual companies
Viability of water systems

- **1,950**
- **457**

**Should be merged**

**Viable**

- Cities
- Counties
- Special districts
- Public utilities
- Mutual companies
Viability of water systems

1,118,000

Should be merged

Population

Cities: 36,565,000
Counties
Special districts
Public utilities
Mutual companies

Viable
Governance of water purveyors

Number Population

- City council
- County supervisors
- Elected board
- Company, with state oversight
Water resources
Water resources in California

![Water resources chart](image)

- Local surface water
- Imported surface water
- Groundwater
- Reuse
Imported surface water projects
## Imported surface water projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Owner</th>
<th>Customers</th>
<th>Maximum Supply (AFY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Valley Project</td>
<td>United States</td>
<td>270</td>
<td>9,509,000</td>
</tr>
<tr>
<td>State Water Project</td>
<td>State of California</td>
<td>29</td>
<td>4,173,000</td>
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<tr>
<td>Colorado River Aqueduct</td>
<td>Metropolitan Water District</td>
<td>26</td>
<td>902,000</td>
</tr>
<tr>
<td>Hetch Hetchy Project</td>
<td>City and County of San Francisco</td>
<td>29</td>
<td>297,000</td>
</tr>
<tr>
<td>Mokelumne Aqueduct</td>
<td>East Bay Municipal Utility District</td>
<td>1</td>
<td>364,000</td>
</tr>
<tr>
<td>Los Angeles Aqueduct</td>
<td>City of Los Angeles</td>
<td>1</td>
<td>270,000</td>
</tr>
</tbody>
</table>
Central Valley Project

Donald Trump, President

Ryan Zinke, Secretary of the Interior

Brenda Burman, Commissioner, Bureau of Reclamation (Nominated)
State Water Project

Jerry Brown, Governor

John Laird, Secretary for Natural Resources

Grant Davis, Director, Department of Water Resources
State Water Project

State Water Contractors

- Alameda County Flood Control and Water Conservation District, Zone 7
- Alameda County Water District
- Antelope Valley-East Kern Water Agency
- Castaic Lake Water Agency
- City of Yuba City
- Coachella Valley Water District
- County of Butte
- County of Kings
- Crestline-Lake Arrowhead Water Agency
- Desert Water Agency
- Dudley Ridge Water District
- Empire West Side Irrigation District
- Kern County Water Agency
- Littlerock Creek Irrigation District
- Metropolitan Water District of Southern California
- Mojave Water Agency
- Napa County Flood Control and Water Conservation District
- Oak Flat Water District
- Palmdale Irrigation District
- Plumas County Flood Control and Water Conservation District
- San Bernardino Valley Municipal Water District
- San Gabriel Valley Municipal Water District
- San Gorgonio Pass Water Agency
- San Luis Obispo County Flood Control and Water Conservation District
- Santa Barbara County Flood Control and Water Conservation District
- Santa Clara Valley Water District
- Solano County Water Agency
- Tulare Lake Basin Water Storage District
- Ventura County Watershed Protection District
Groundwater sustainability agencies

Number

- Cities: 108
- Counties: 38
- Joint powers agencies: 44
- Special law districts: 25
- General law districts: 82

Legend:
- Cities
- Counties
- Joint powers agencies
- Special law districts
- General law districts
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