

Emergency Conservation Regulation Update

Max Gomberg, Katheryn Landau, Mark
Emmerson, David Rose, Eric Oppenheimer
Office of Research, Planning, and Performance
March 3, 2015



Status of Implementation

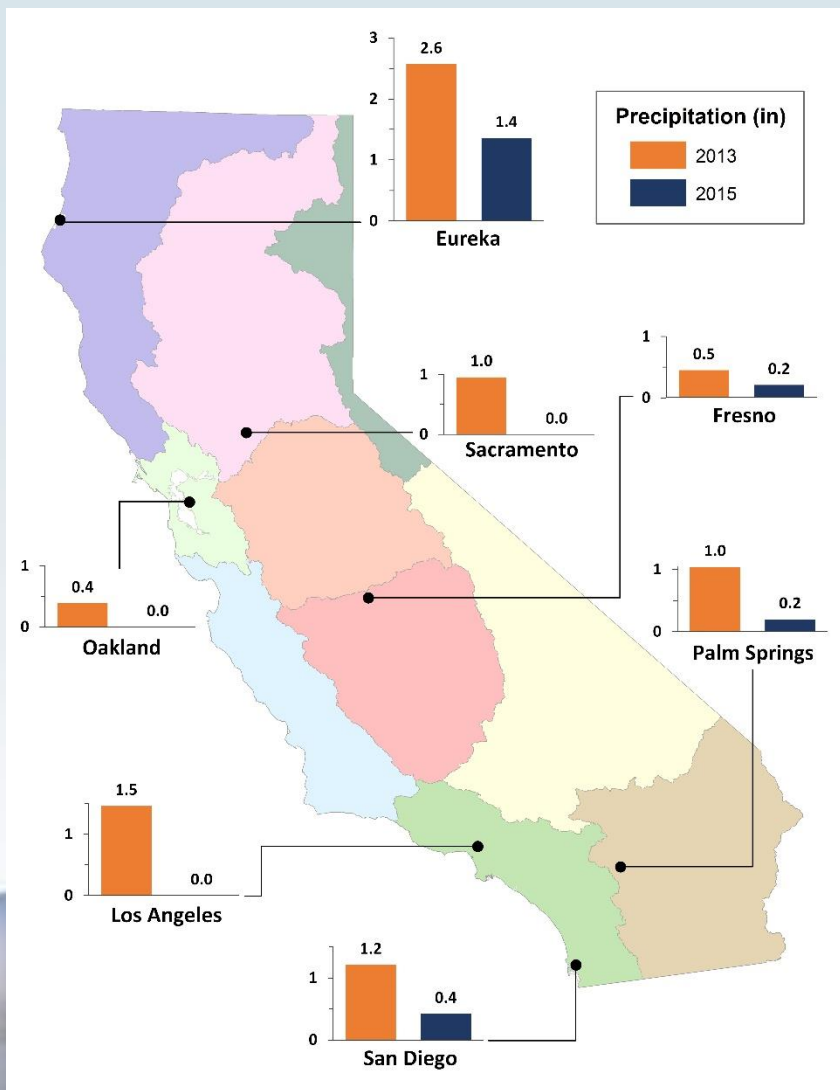
- Water production data collected from June 2014 through January 2015 (8 months)
- Emergency regulation set to expire in April 2015



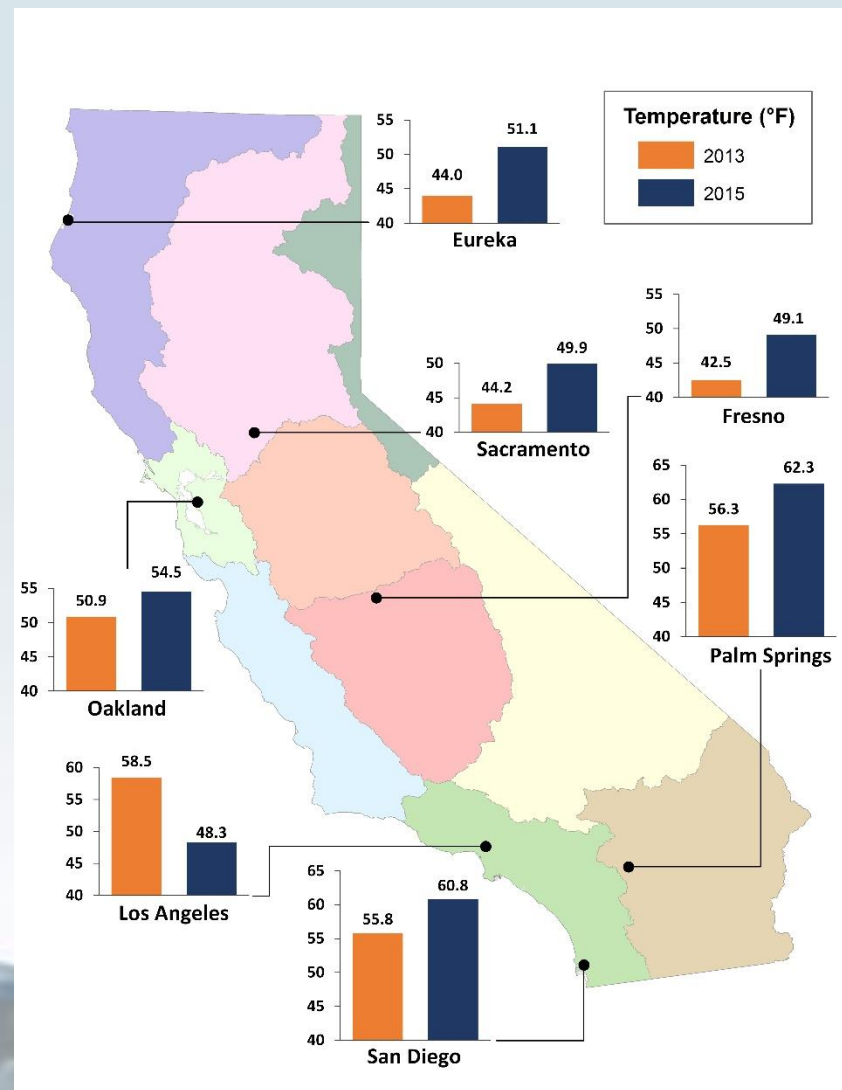
January Weather Conditions

(Select Cities)

Precipitation



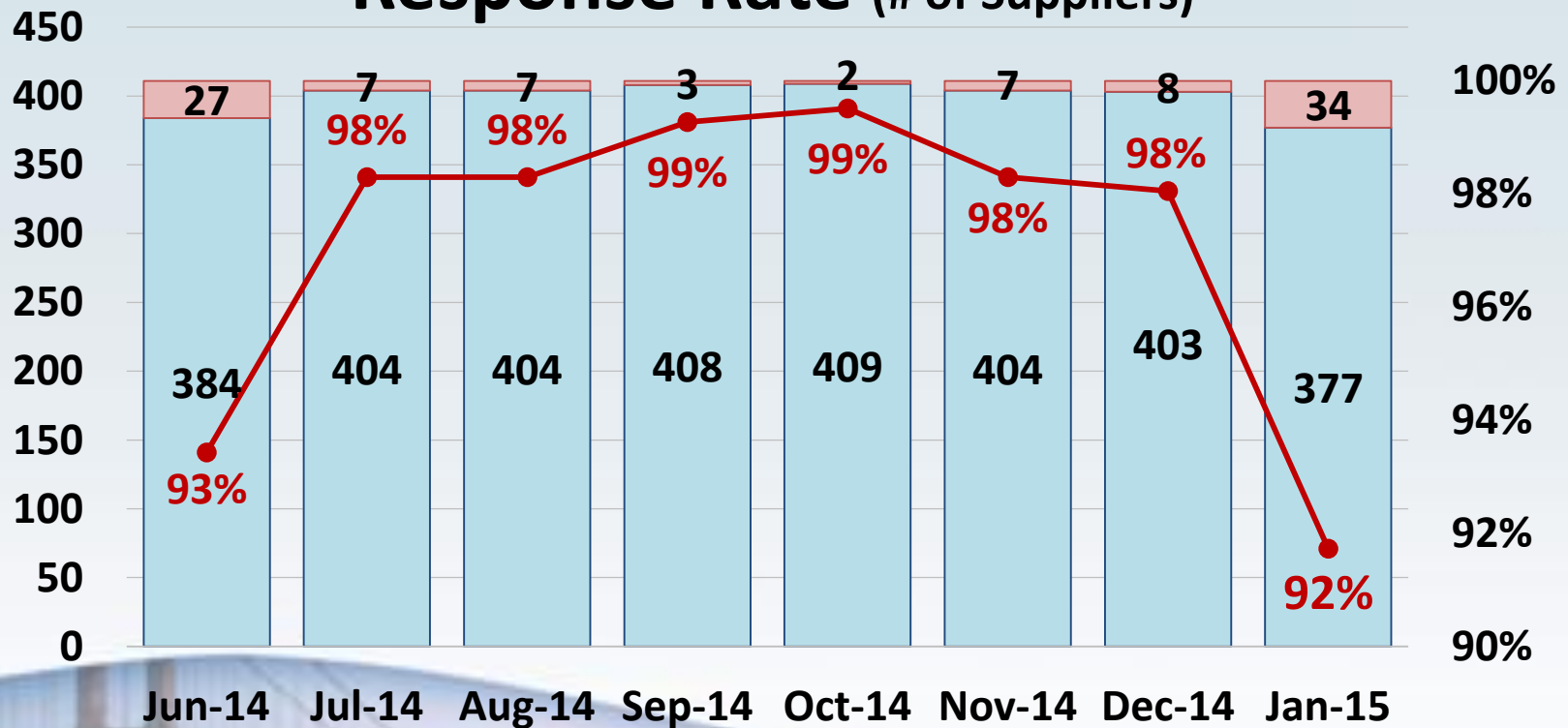
Temperature



Data Collection

- 411 Retail Urban Water Suppliers
- 377 provided January production numbers

Response Rate (# of Suppliers)



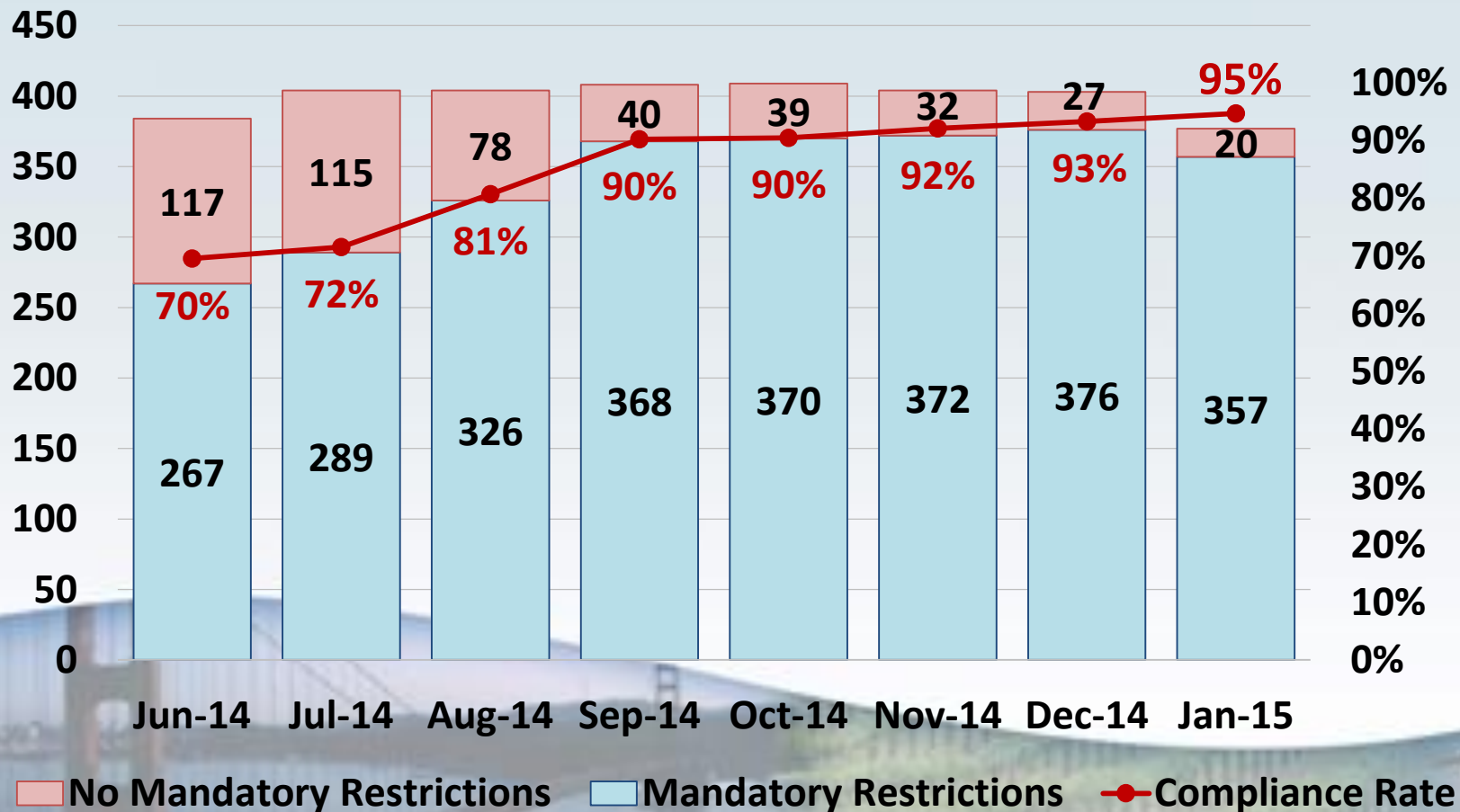
■ No Response ■ Response ● Percent Reporting

Note: Some suppliers submit data after the reporting deadline because they do not receive it in time, these data will be reflected in the following reporting month.

Mandatory Restrictions on Outdoor Water Use

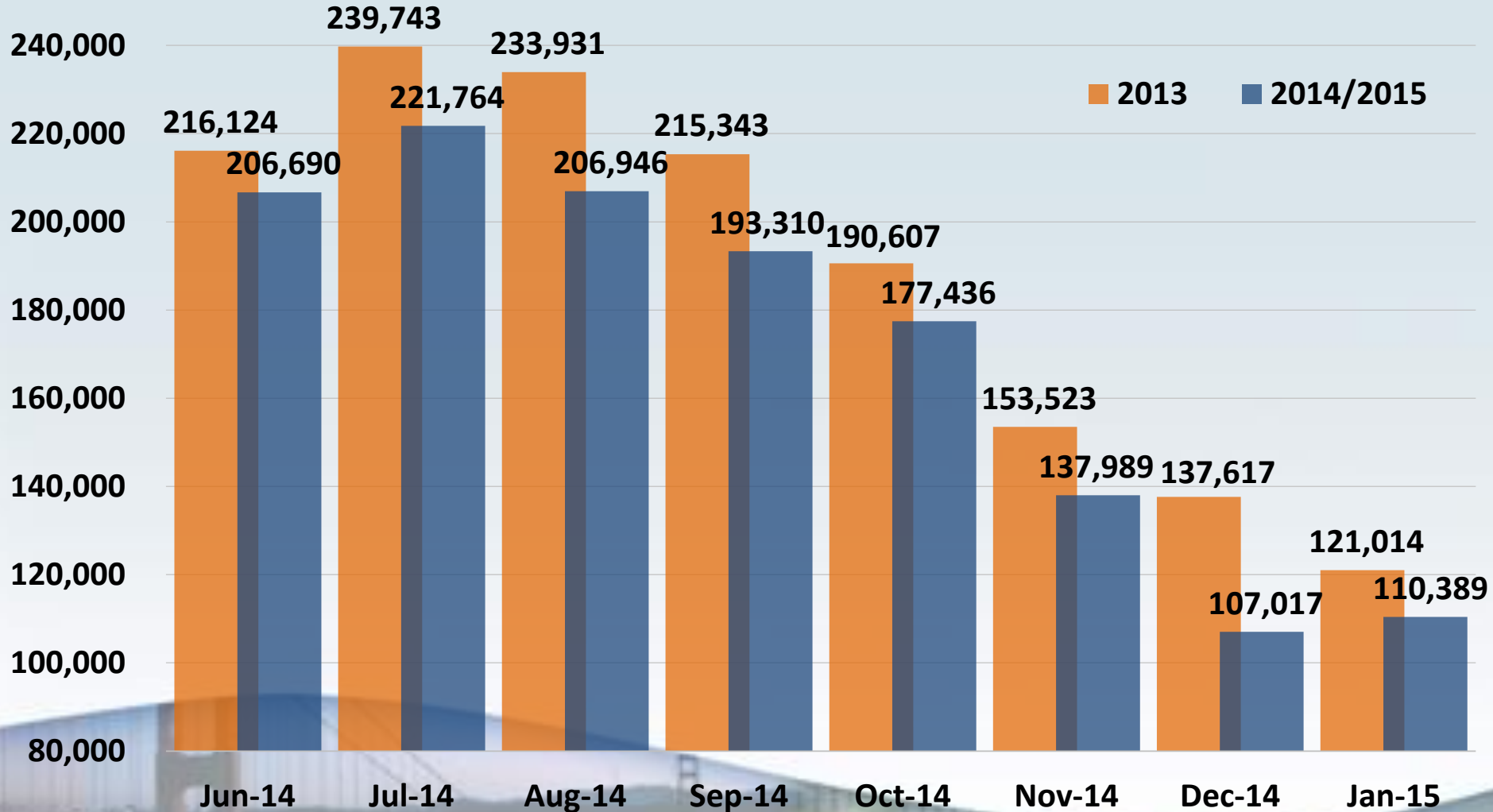
- Over 90% now implementing mandatory restrictions

Water Suppliers Implementing Mandatory Restrictions



Statewide Water Conservation Results

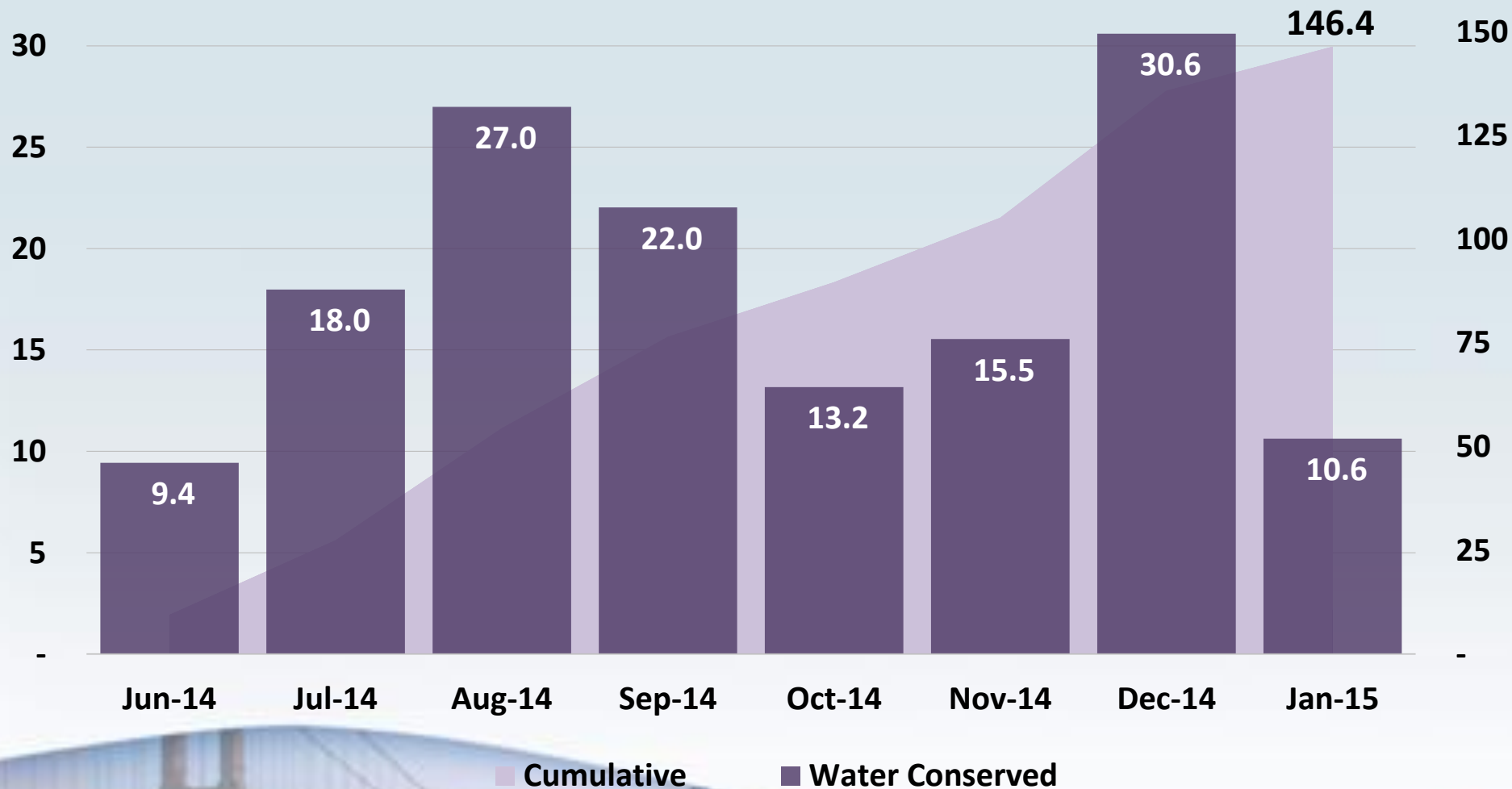
Water Production June 2014 - January 2015 (Million Gallons)



Over 146 Billion Gallons Saved June 2014 – January 2015

Statewide Water Conservation Results

Water Conserved June 2014 - January 2015 (Billion Gallons)

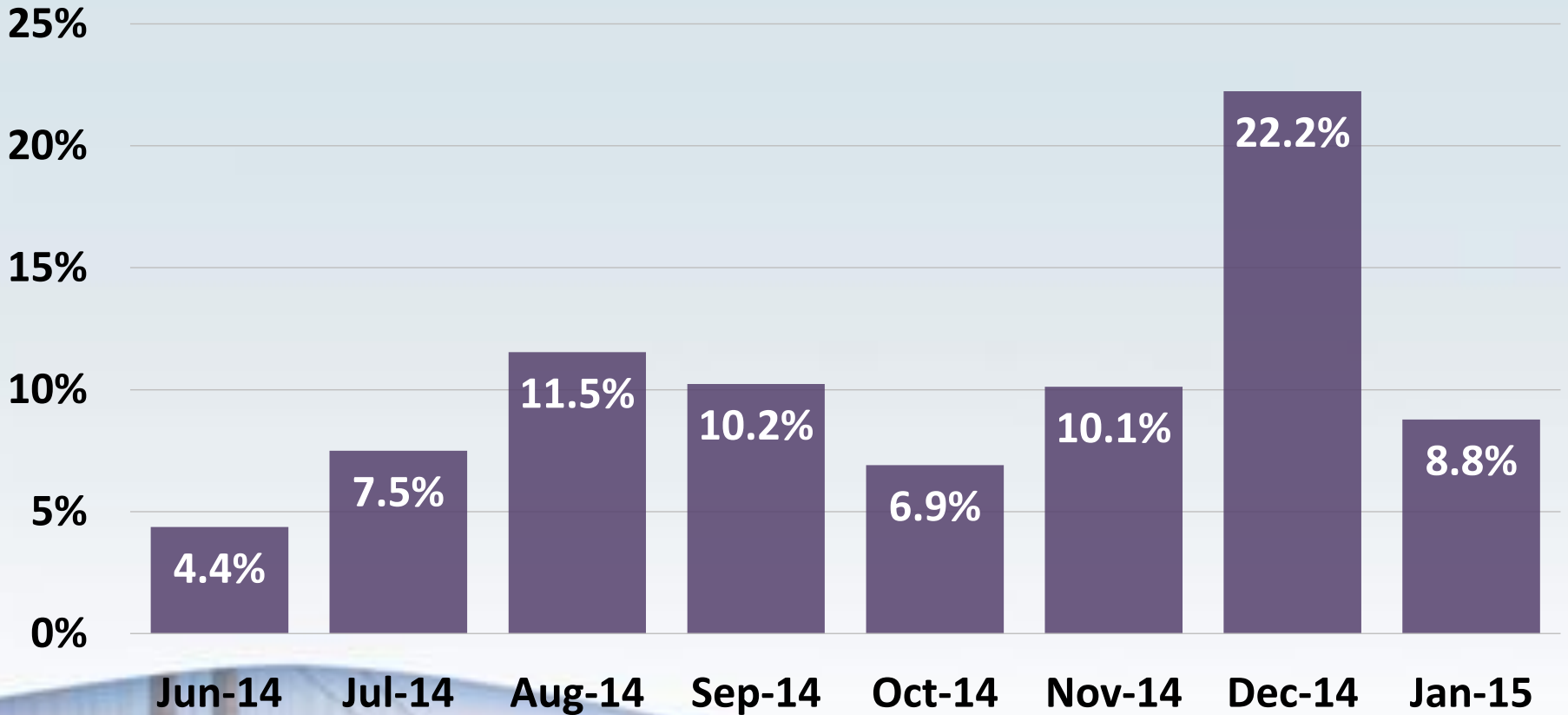


Over 449,158 Acre-Feet Saved June 2014 – January 2015, enough to provide 1.96 million Californians with water for 1 year

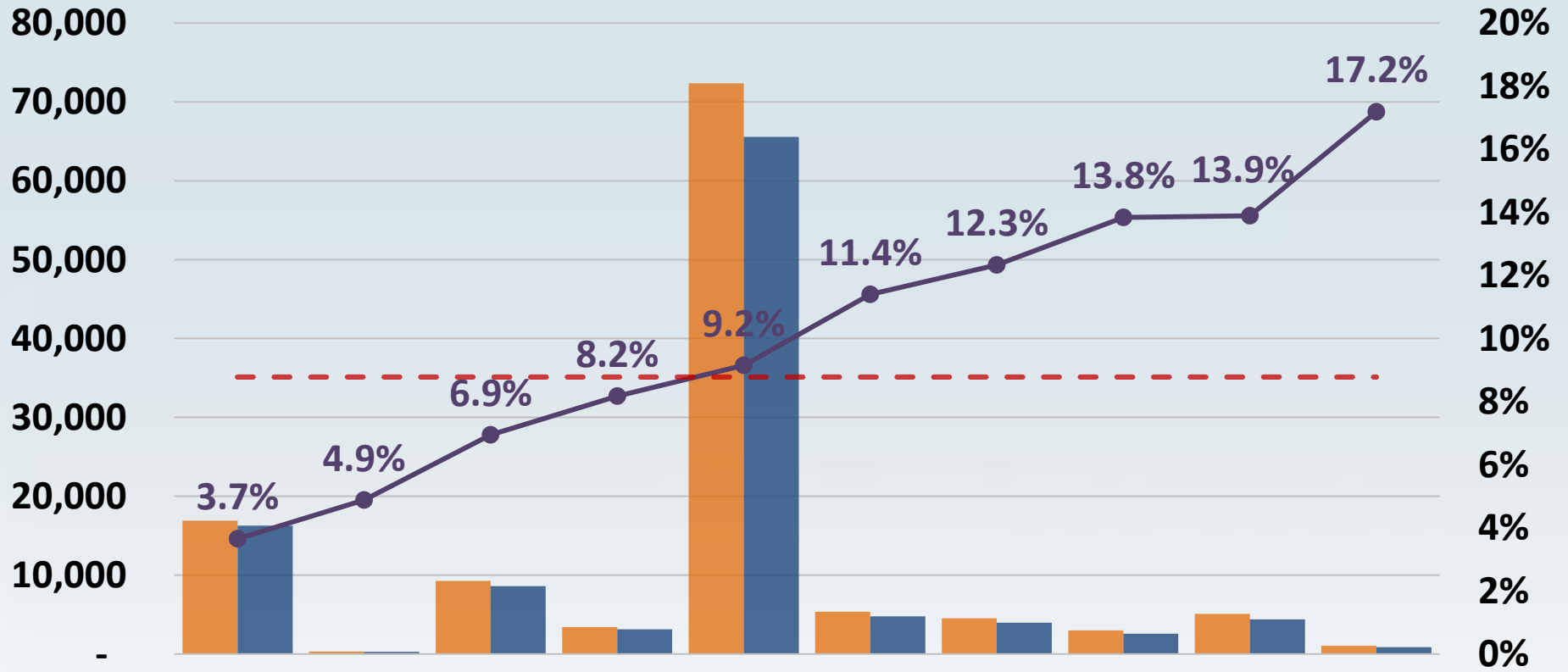
Statewide Water Conservation Results

Water Production Percentage Reduction

(Compared to 2013)



January Water Production by Hydrologic Region and Percent Reduction (Million Gallons)



Production Jan-13

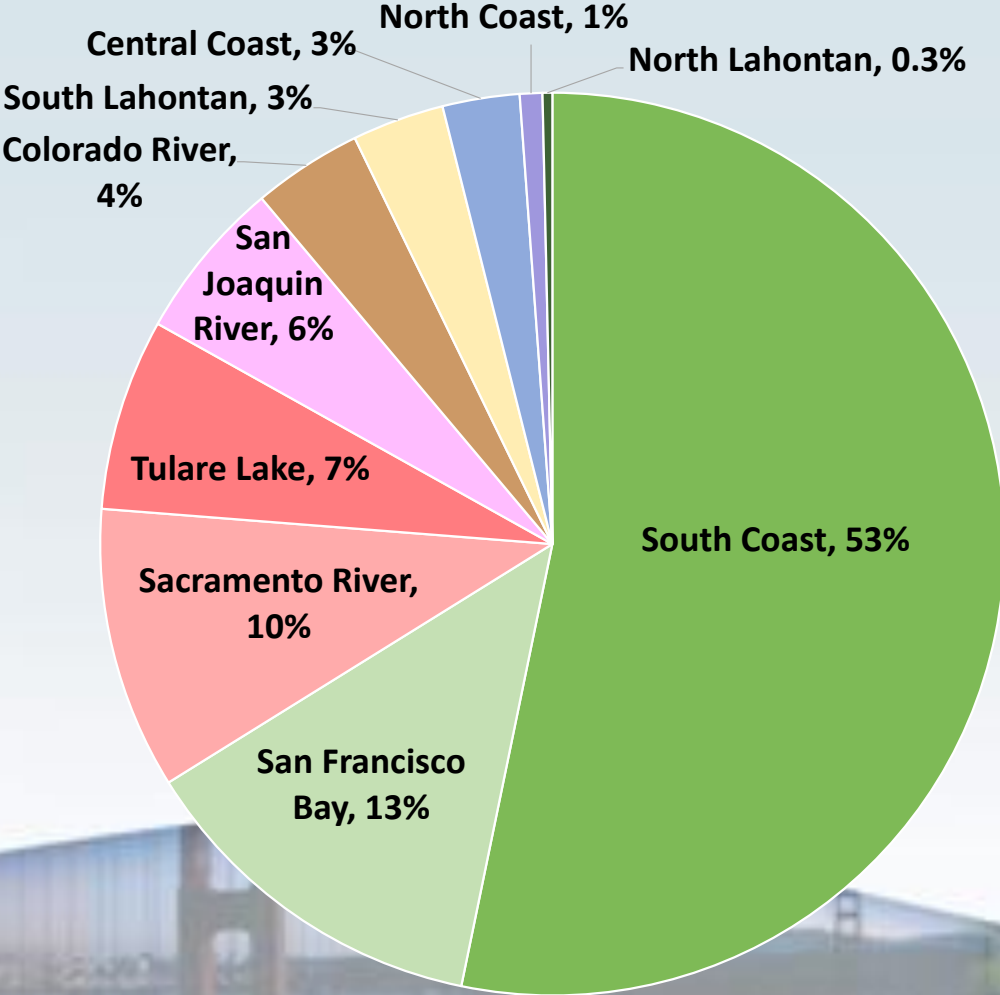
Production Jan-15

Perct Jan Reduction

Statewide Average (8.8%)

Total Urban Water Production by Hydrologic Region

(June 2014 - January 2015)



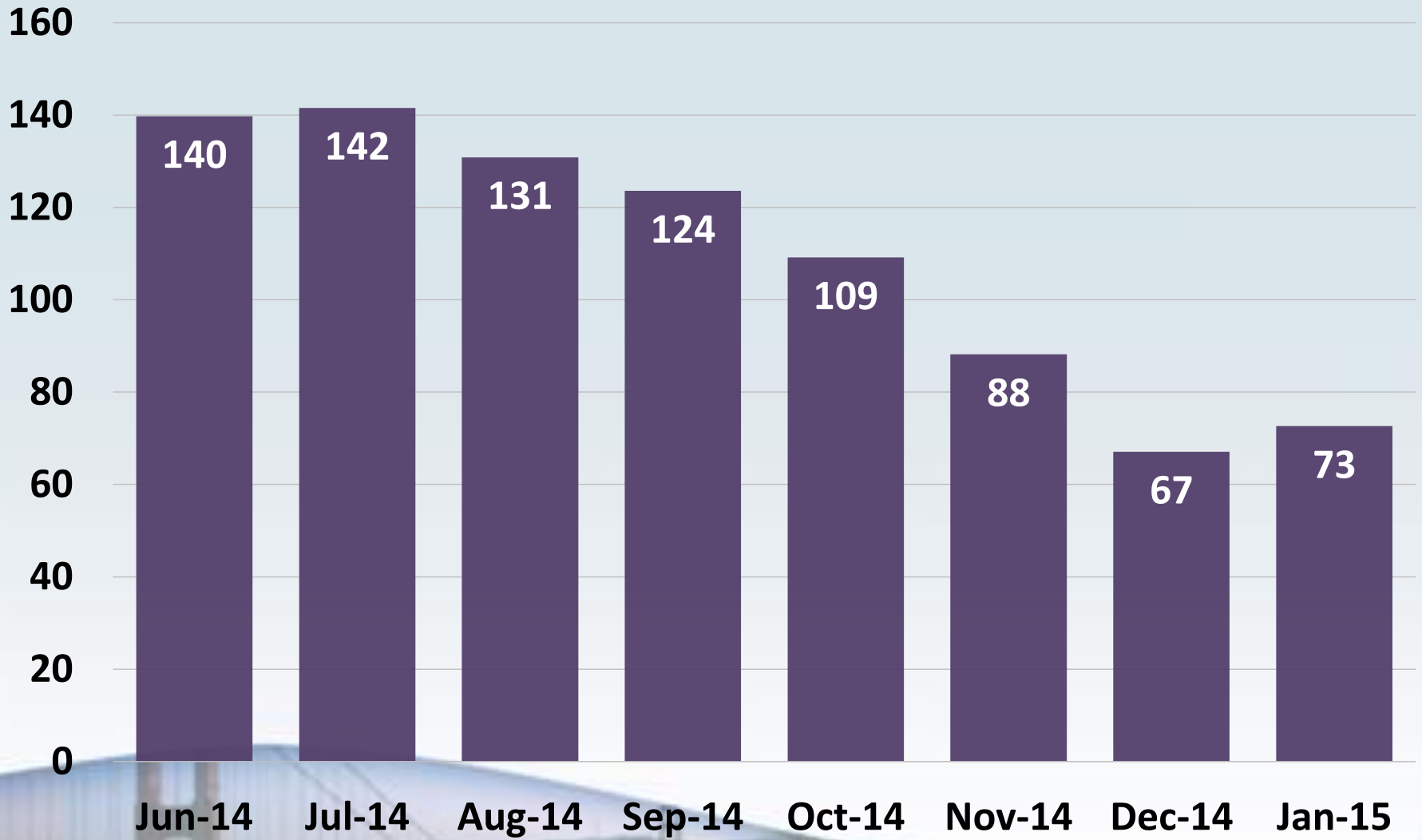
Hydrologic Region	% Water Use	% Population Served
South Coast	53%	56%
San Francisco Bay	13%	18%
Sacramento River	10%	8%
Tulare Lake	7%	5%
San Joaquin River	6%	4%
Colorado River	4%	2%
South Lahontan	3%	2%
Central Coast	3%	4%
North Coast	1%	1%
North Lahontan	0.3%	0.2%

January 2015 Residential Gallons per Capita per Day

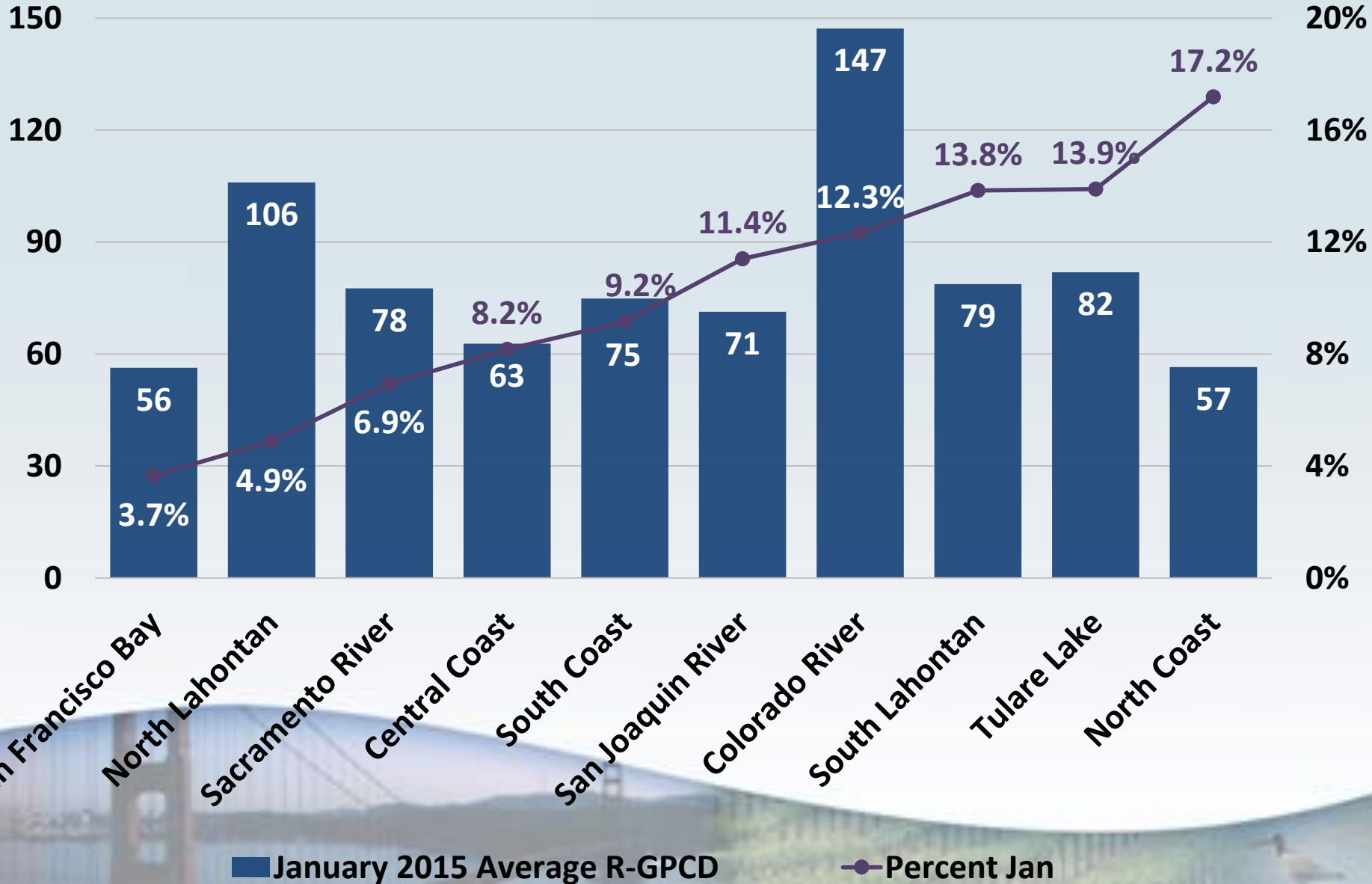
- Highest R-GPCD figures = 342
- Lowest R-GPCD figures = 37
- Average January 2015 R-GPCD = **73**, up from **67** in December
- 55 GPCD is the performance standard for **indoor** use (50 suppliers representing about 4.6 million people are reporting less total use in January)
- High R-GPCD plus low percentage reduction raises questions about factors inhibiting conservation response



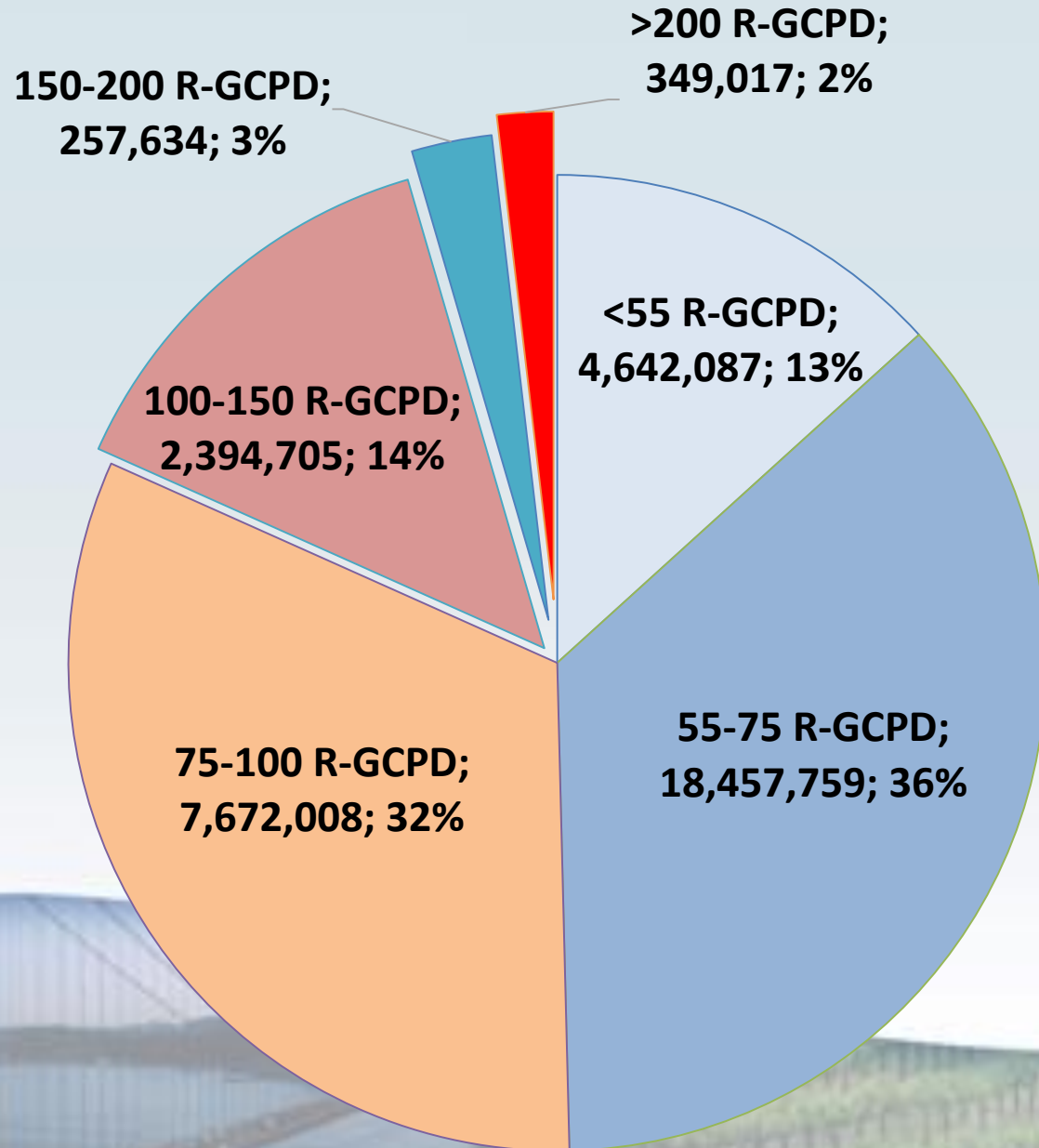
Statewide Monthly R-GPCD



January 2015 Water Conservation Results



January 2015 R-GPCD by Population



Noteworthy January 2015 Conservation Achievements

Conservation greater than 20% and R-GPCD less than 60 gallons

- Amador Water Agency
- Atascadero Mutual Water Company
- California Water Service Company
Oroville
- City of Big Bear Lake, Dept of Water
& Power
- Davis City of
- Fountain Valley City of
- Gilroy City of
- Greenfield, City of
- Lathrop, City of
- Lompoc City of
- Manteca City of
- Martinez City of
- Otay Water District
- Rohnert Park City of
- Santa Rosa City of
- Scotts Valley Water District
- Soledad, City of
- Sonoma City of
- Westborough Water District

Next Steps

- March 17 Board Meeting Item - consider extending drought-related emergency regulations
- Develop water waste hotline (1-800 number)

