

# **Emergency Water Conservation Regulation Update**

**Office of Research, Planning, and Performance**

December 1, 2015



## Status of Implementation

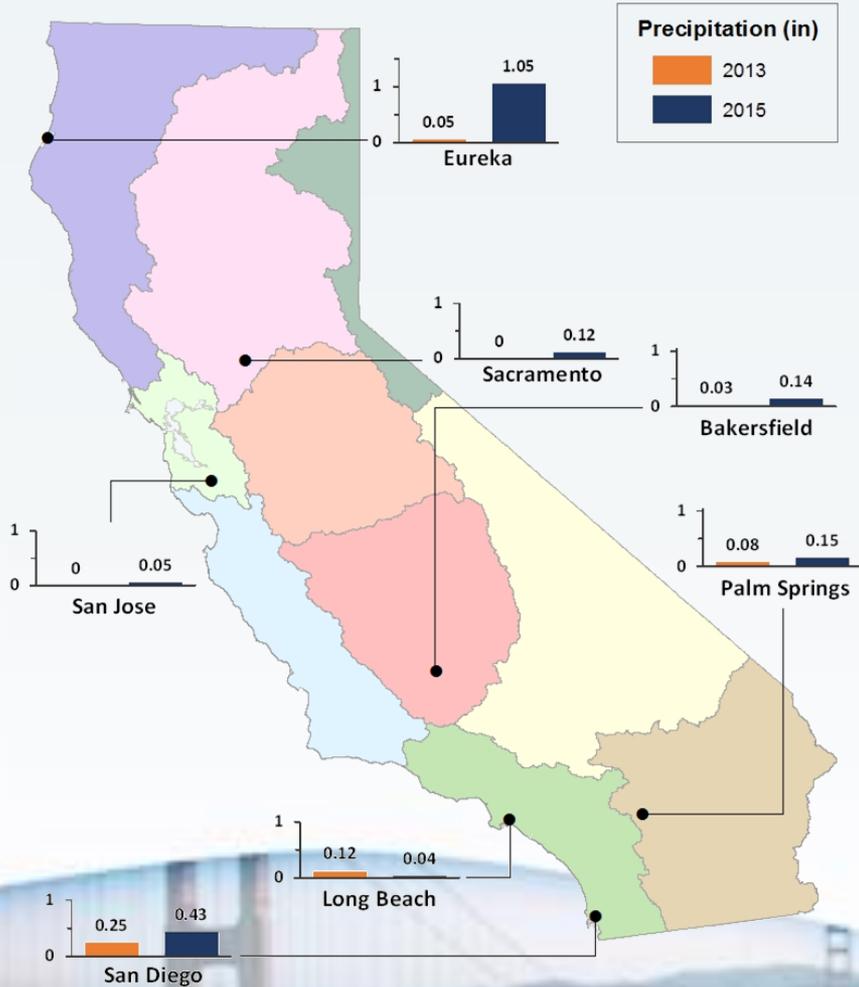
- Water production numbers collected from June 2014 through October 2015 (17 months)
- Fifth month with statewide goal to reduce total potable urban water use by 25 percent
- 409 (of 411) suppliers submitted October reports
- Enforcement actions taken based on June – October supplier compliance



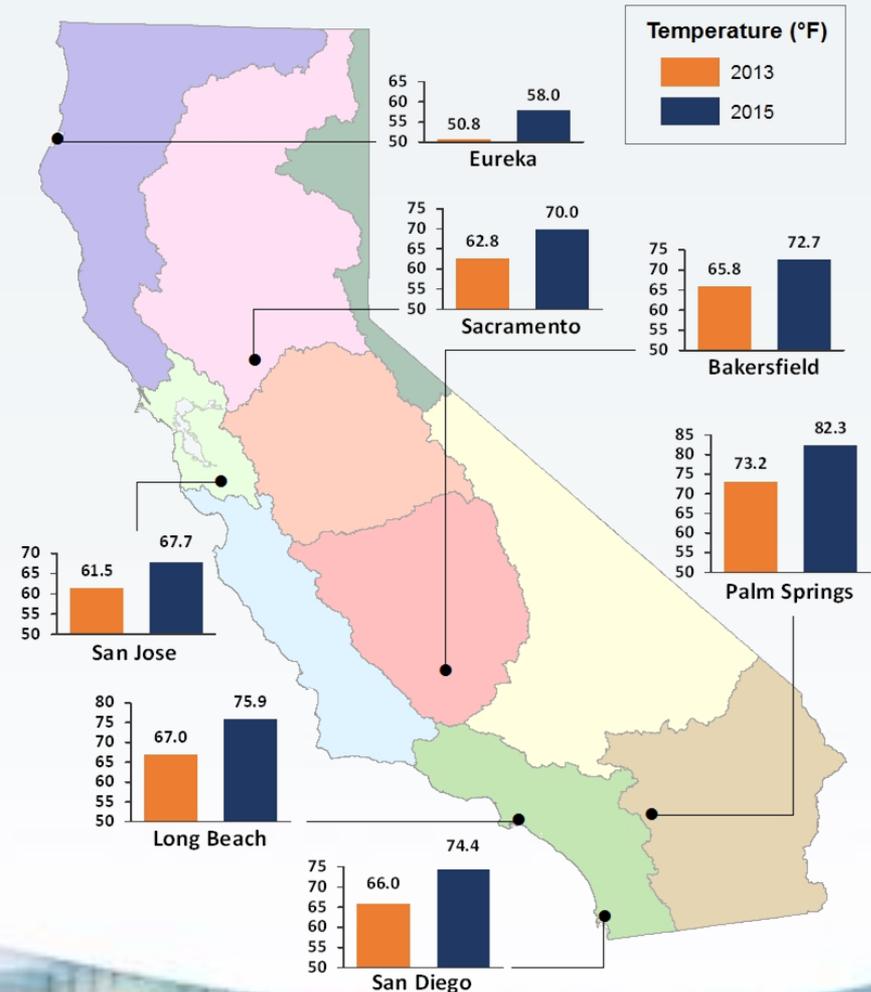
# October Weather Conditions

## (Select Cities)

### Precipitation

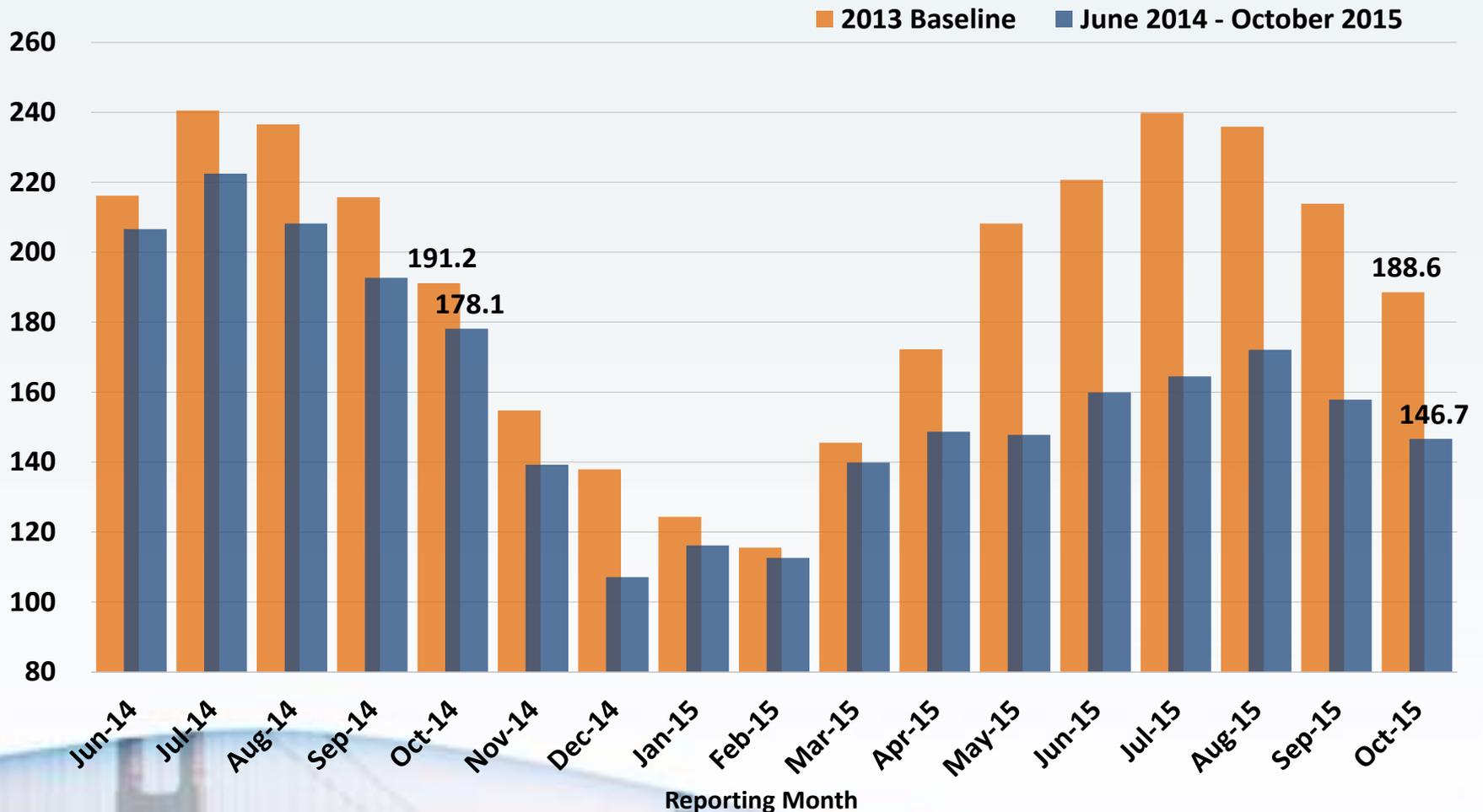


### Temperature



**Statewide, October 2015 was hotter and wetter than October 2013**

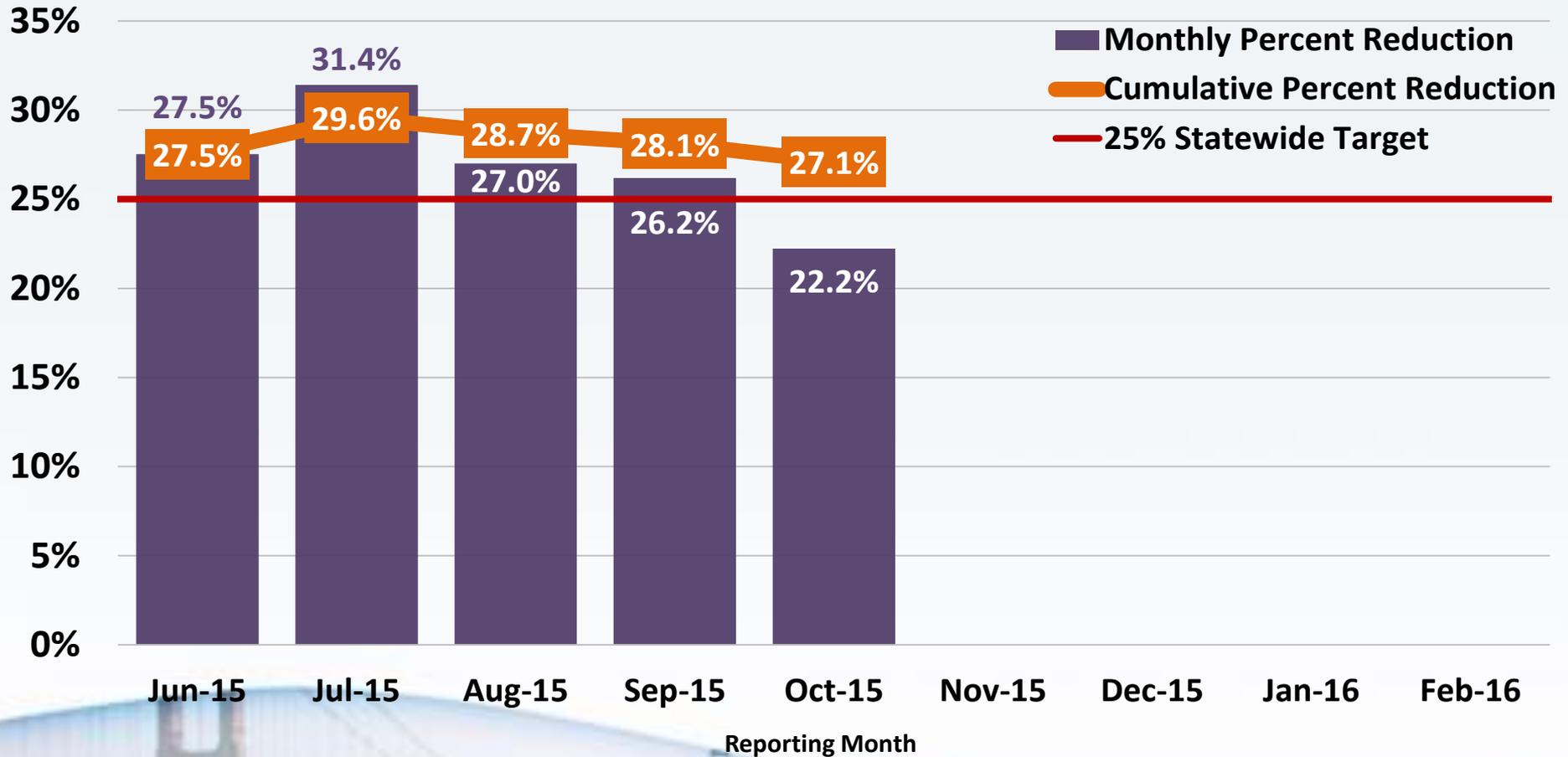
# Statewide Water Conservation Results Water Production June 2014 – October 2015 (Billion Gallons)



**October 2015 savings (41.9 billion gallons) is three times greater than October 2014 savings (13.0 billion gallons)**

# Statewide Water Conservation Results Water Production Percentage Reduction

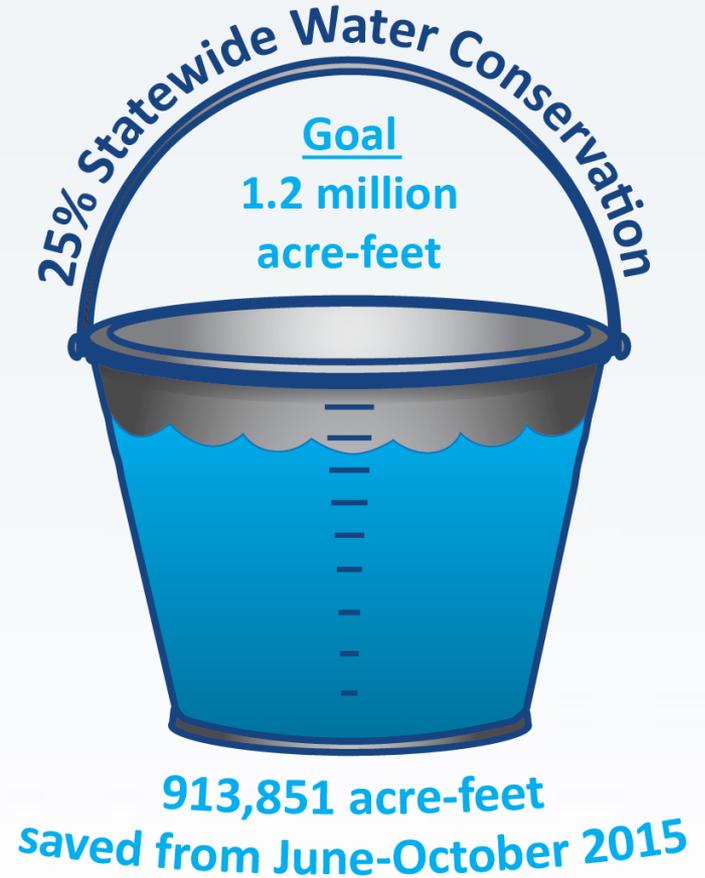
(Compared to 2013)



**October 2015 savings (41.9 billion gallons; 129,660 acre-feet) brings statewide cumulative savings to 27.1%**

# Cumulative Savings (June - October 2015)

- 913,851 acre-feet (297.8 billion gallons) of water saved
- This is 76% of savings goal
- Savings is enough to provide 4.6 million Californians with water for one year

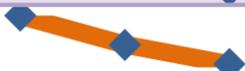
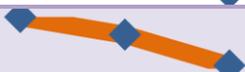
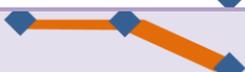


# October 2015 Residential Gallons per Capita per Day

- Average statewide October 2015 R-GPCD = 87
  - Lowest supplier R-GPCD = 34
  - Highest supplier R-GPCD = 312
- 35 suppliers report October R-GPCD less than 55
  - Suppliers represent 2.6 million people
  - 55 GPCD is the performance standard for **indoor** use

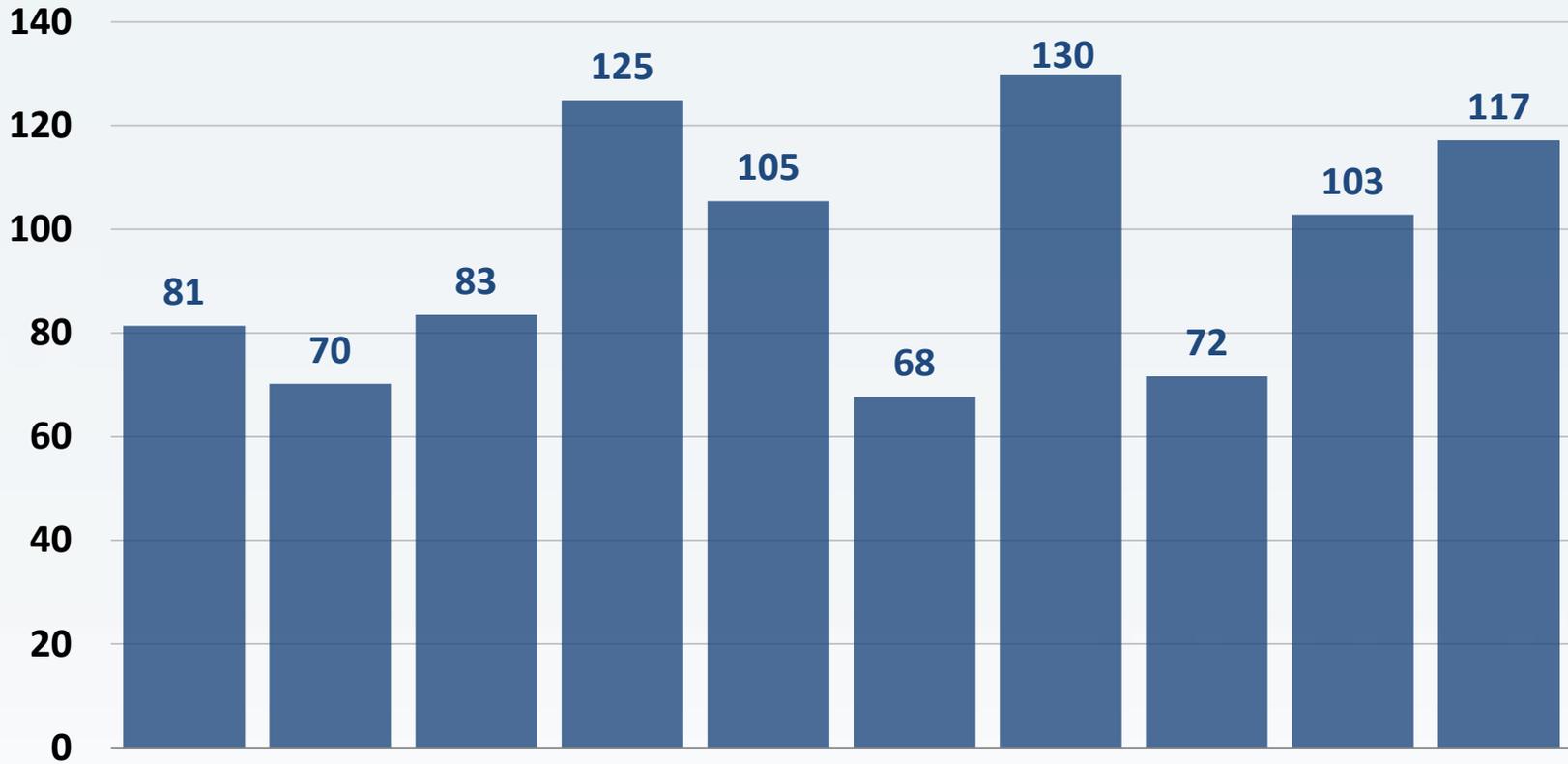


# October R-GPCD Annual Trend by Hydrologic Region

Hydrologic Region	Oct-13*	Oct-14	Oct-15	Annual Trend
Central Coast	97	83	72	
Colorado River	179	169	130	
North Coast	86	67	70	
North Lahontan	93	94	81	
Sacramento River	160	130	117	
San Francisco Bay	90	77	68	
San Joaquin River	144	129	103	
South Coast	106	103	83	
South Lahontan	134	133	105	
Tulare Lake	159	148	125	
<b>Statewide</b>	<b>113</b>	<b>105</b>	<b>87</b>	

\*Estimated based on October 2014 percent residential use and population

# October 2015 R-GPCD and Conservation



North Lahontan

North Coast

South Coast

Tulare Lake

South Lahontan

San Francisco Bay

Colorado River

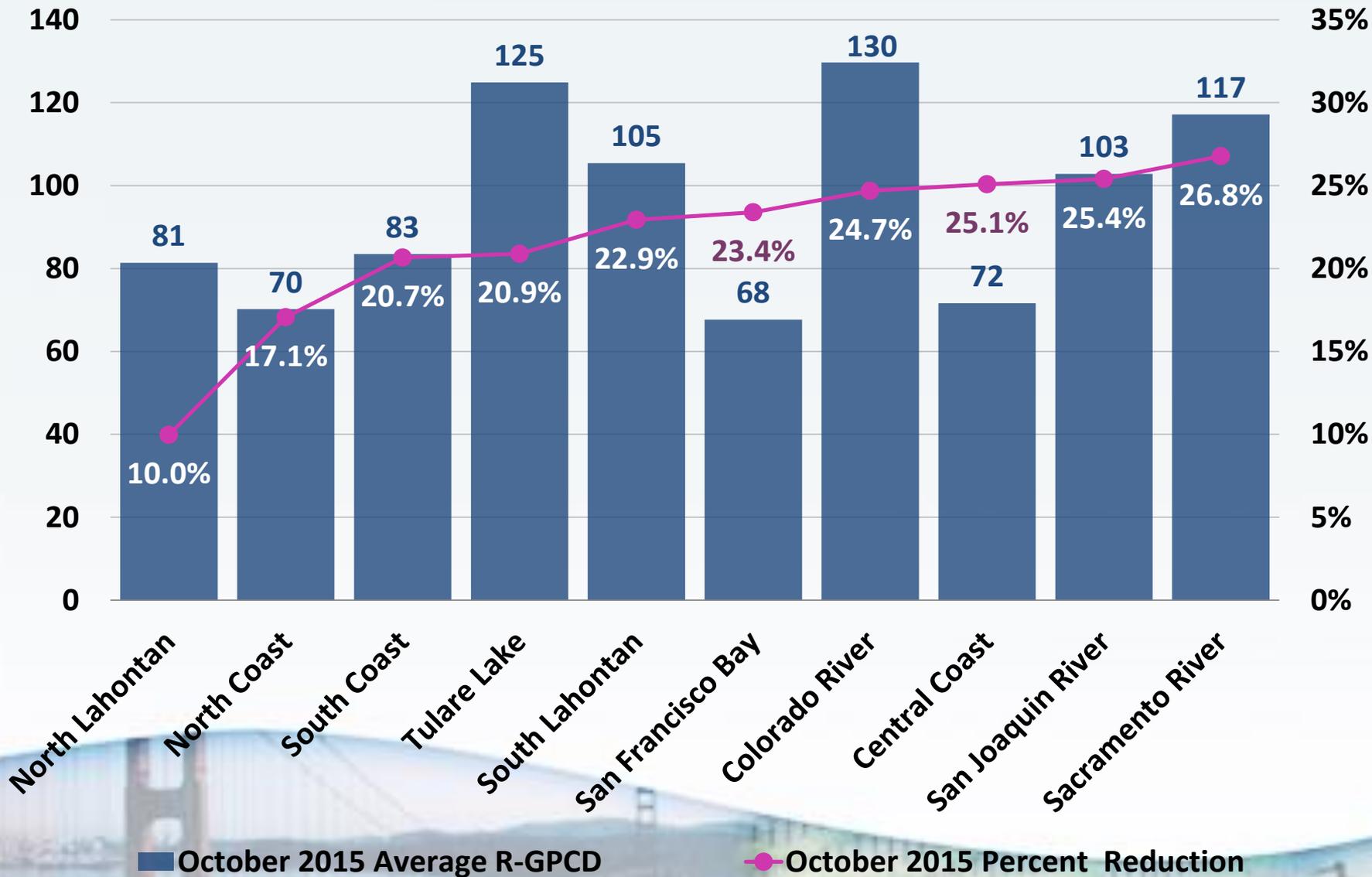
Central Coast

San Joaquin River

Sacramento River

October 2015 Average R-GPCD

# October 2015 R-GPCD and Conservation





# Noteworthy Supplier Achievements

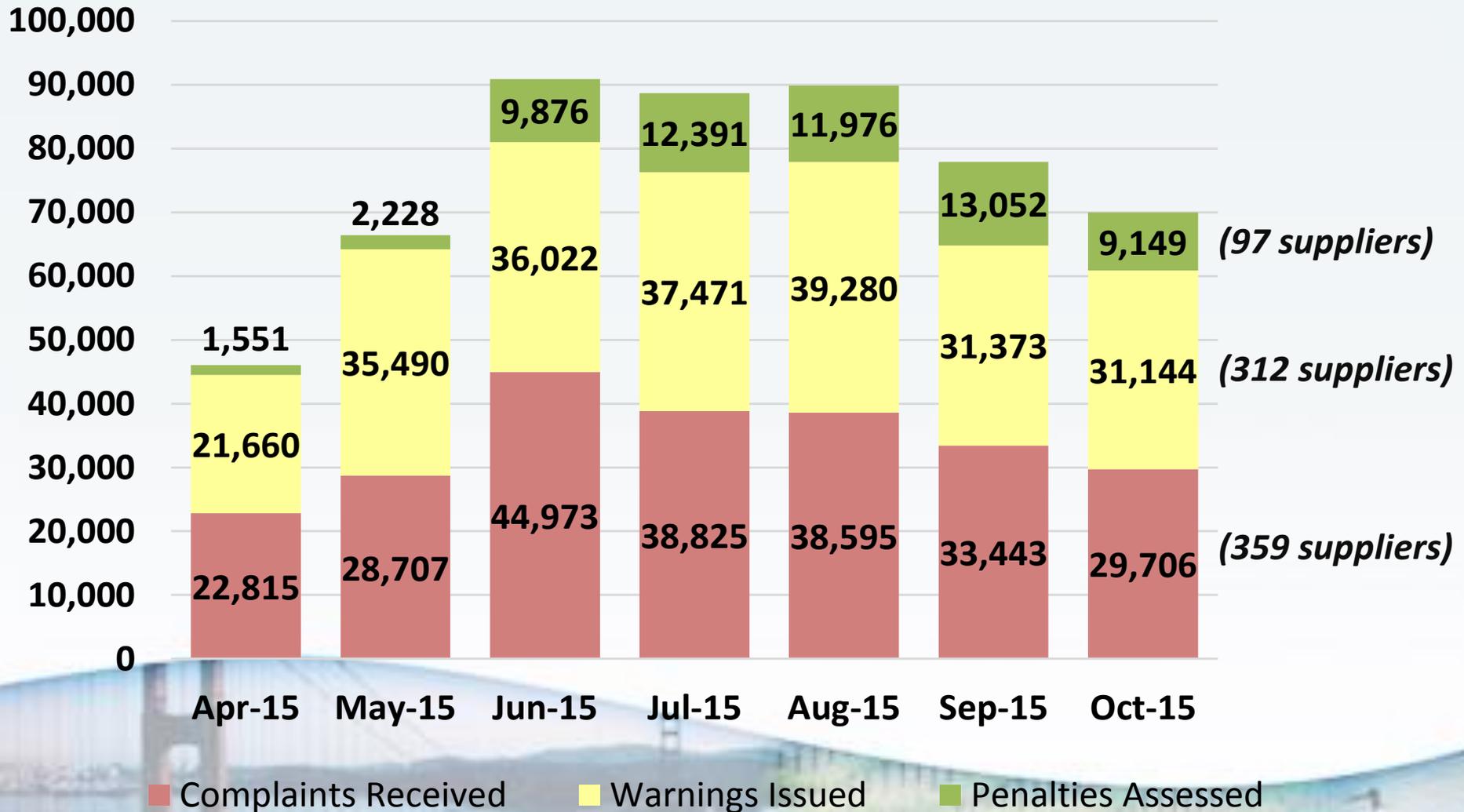


**Suppliers, with conservation standard of 24 percent or greater, exceeding their conservation standard by more than 10 percentage points from June – October 2015.**

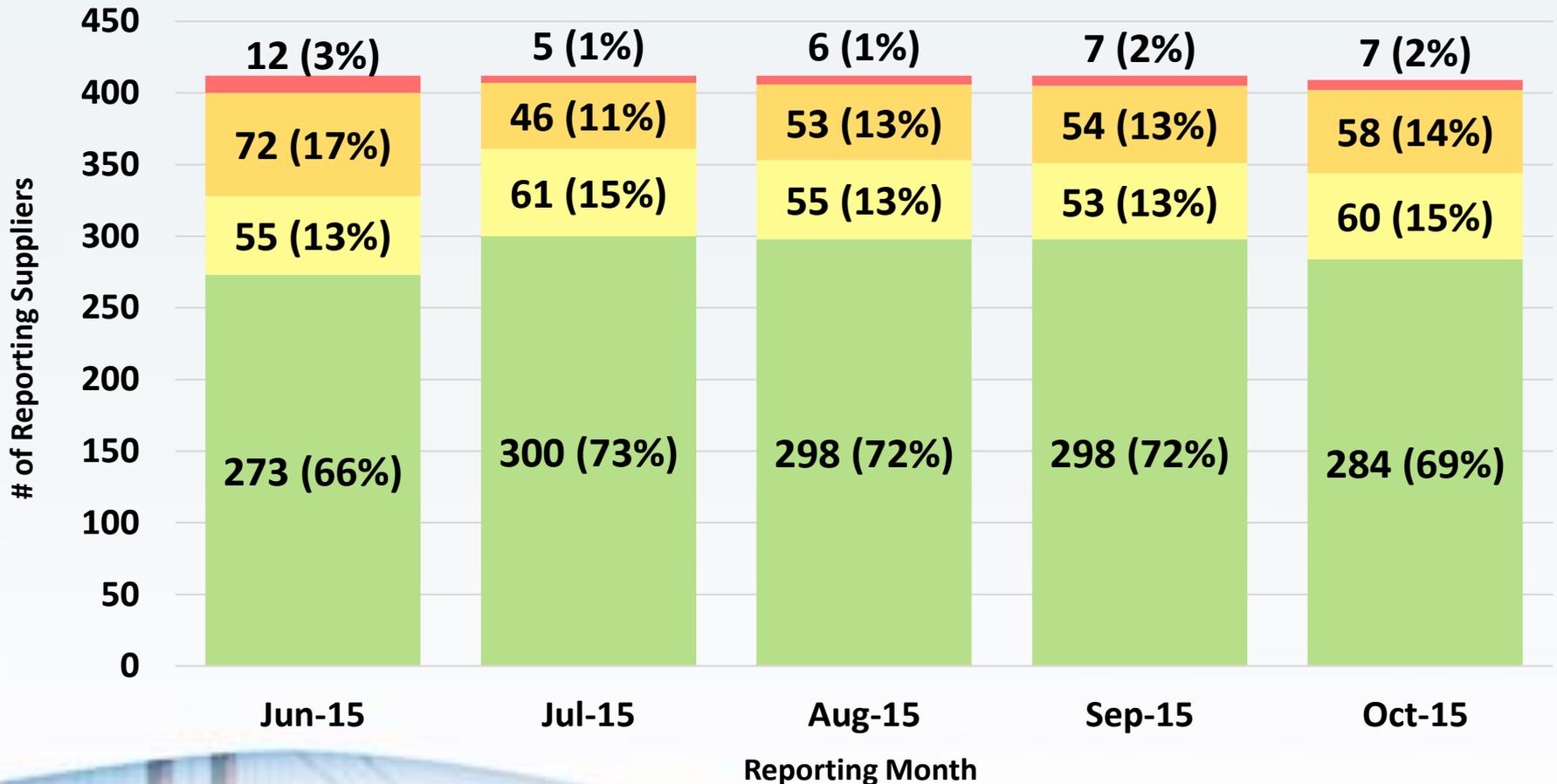
- **Contra Costa Water District**
- **Valencia Water Company**
- **Pleasanton City of**
- **California Water Service Company Livermore**
- **Lake Hemet Municipal Water District**
- **Golden State Water Company Simi Valley**
- **Golden State Water Company Claremont**
- **Tuolumne Utilities District**
- **Bella Vista Water District**
- **Montecito Water District**
- **Del Oro Water Company**
- **California Water Service Company Antelope Valley**

# Supplier Enforcement Actions Taken

## April – October 2015



# Number of Suppliers Reporting by Compliance Priorities June – October 2015



- 1 Greater than 15 percentage points from meeting standard
- 2 Between five and 15 percentage points from meeting standard
- 3 Between one and five percentage points from meeting standard
- 0 Met or within one percentage point from meeting standard

# Water Board Enforcement Actions Taken Since June 2015

Office of Enforcement has issued:

- 72 Warning Letters
- 104 Informational Orders
- 7 Alternative Compliance Orders
- 9 Conservation Orders
- 4 Administrative Civil Liability Complaints



# Performance for Suppliers with Conservation Orders (9)

- For June through October, 6 out of 9 suppliers show upward trends for cumulative percent savings
- However, *only 1 supplier* is meeting conservation standard
- 8 out of 9 suppliers are missing cumulative percent savings and volumes by
  - Between 5 and 25%
  - Between 30 and 370 million gallons
- Supplier progress will continue to be tracked over the coming months

# Next Steps

- December 1 – Small supplier reporting tool live  
<http://www.drinc.ca.gov/dnn/Applications/PublicWaterSystems/SmallWaterSupplierConservationReporting.aspx>
- December 7 – Public workshop on potential extension/modification of the emergency regulation
- December 15 - Small supplier reports due

