

Emergency Conservation Regulation Update

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Office of Research, Planning, and Performance
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Background

- Board adopts Emergency Regulation July 15
- Office of Administrative Law approves Emergency Regulation July 28
- August 15 reporting deadline



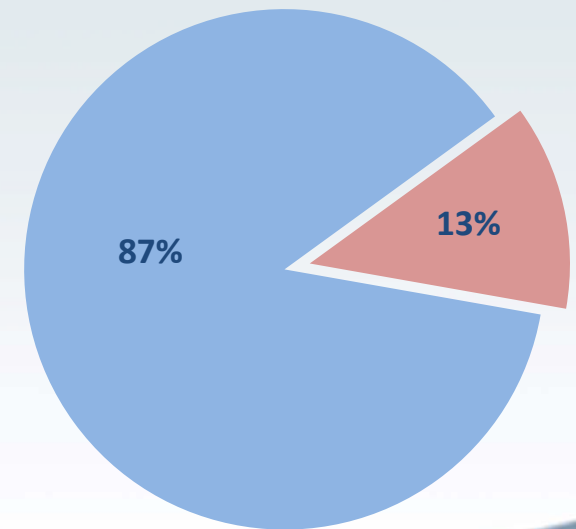
Data Collection

- Potable water production for June & July 2013 & 2014
- Stage of Water Shortage Contingency Plan Invoked
- Optional information on enforcement, recycled water, and implementation of use restrictions



Data Collection

- 415 Retail Urban Water Suppliers
- 362 provided July production numbers
 - 33 million Californians represented
- Staff is contacting all non-reporting water suppliers

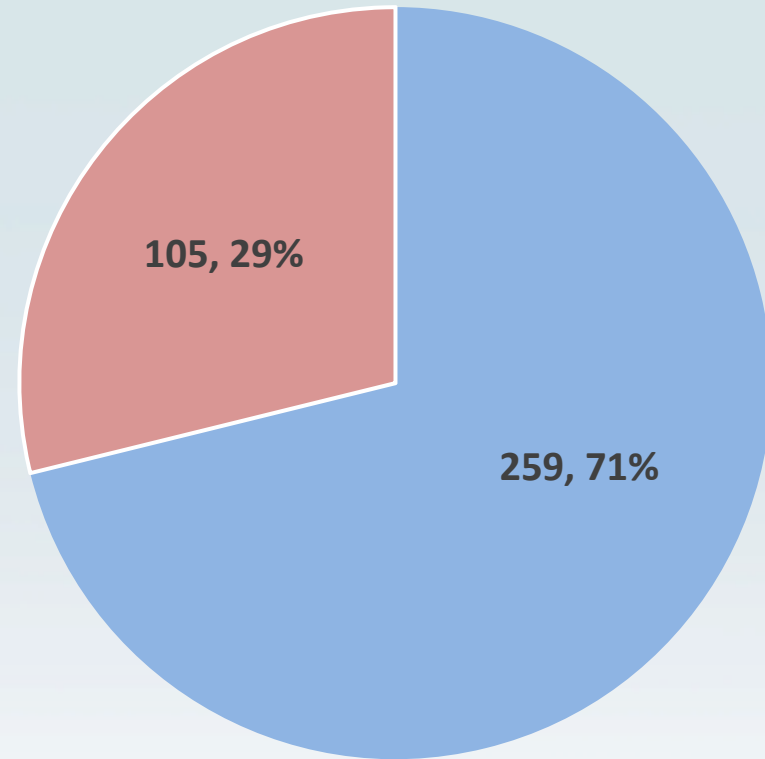


■ Responded

■ No Response

Mandatory Restrictions on Outdoor Water Use

- 71% implementing mandatory restrictions
- Some Urban Water Suppliers indicated that they are in the process of establishing mandatory restrictions



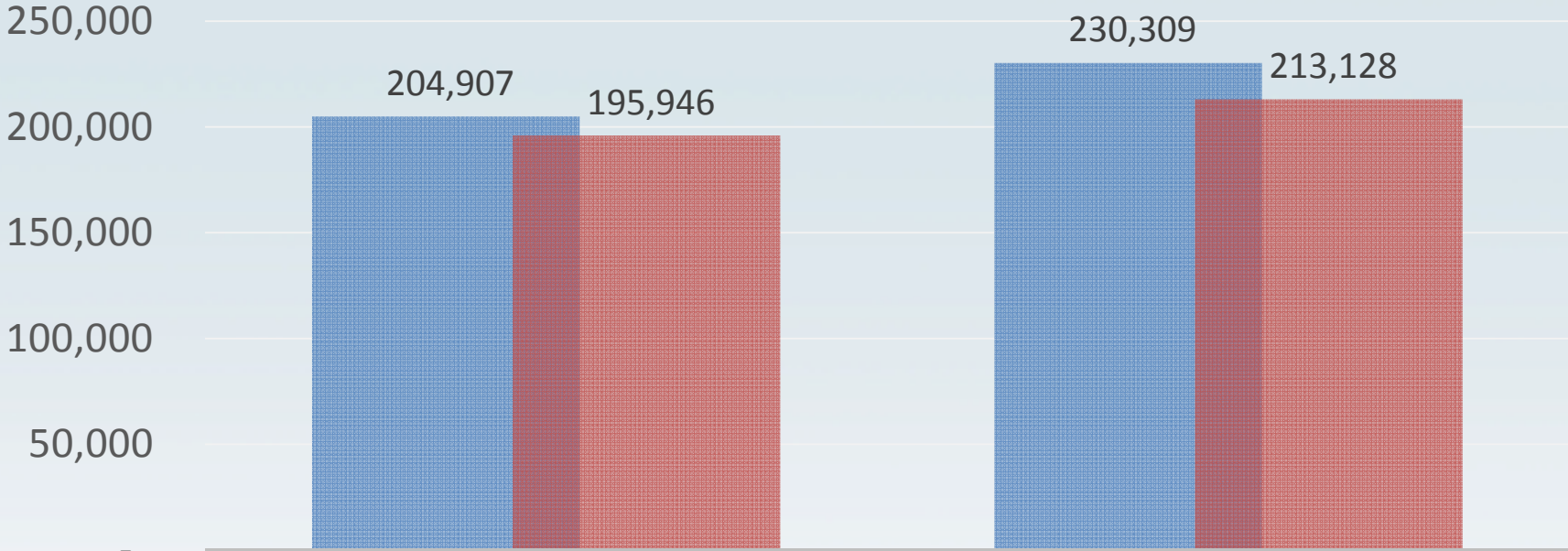
■ Mandatory Restrictions ■ No Mandatory Restrictions



Statewide Water Conservation Results

Water Production June-July (Million Gallons)

2013 2014

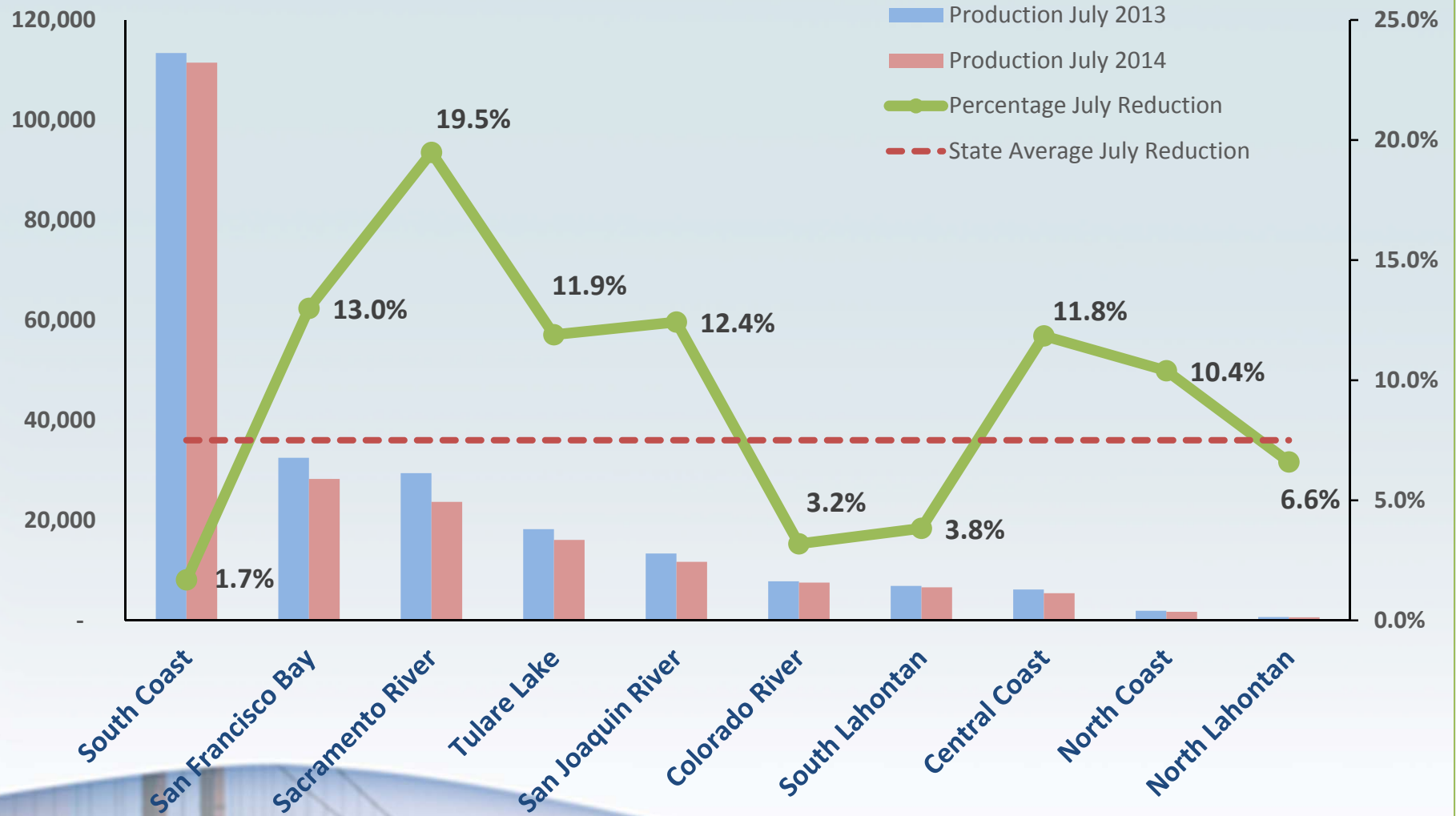


June
4.4% Savings ≈ 9 Billion Gallons

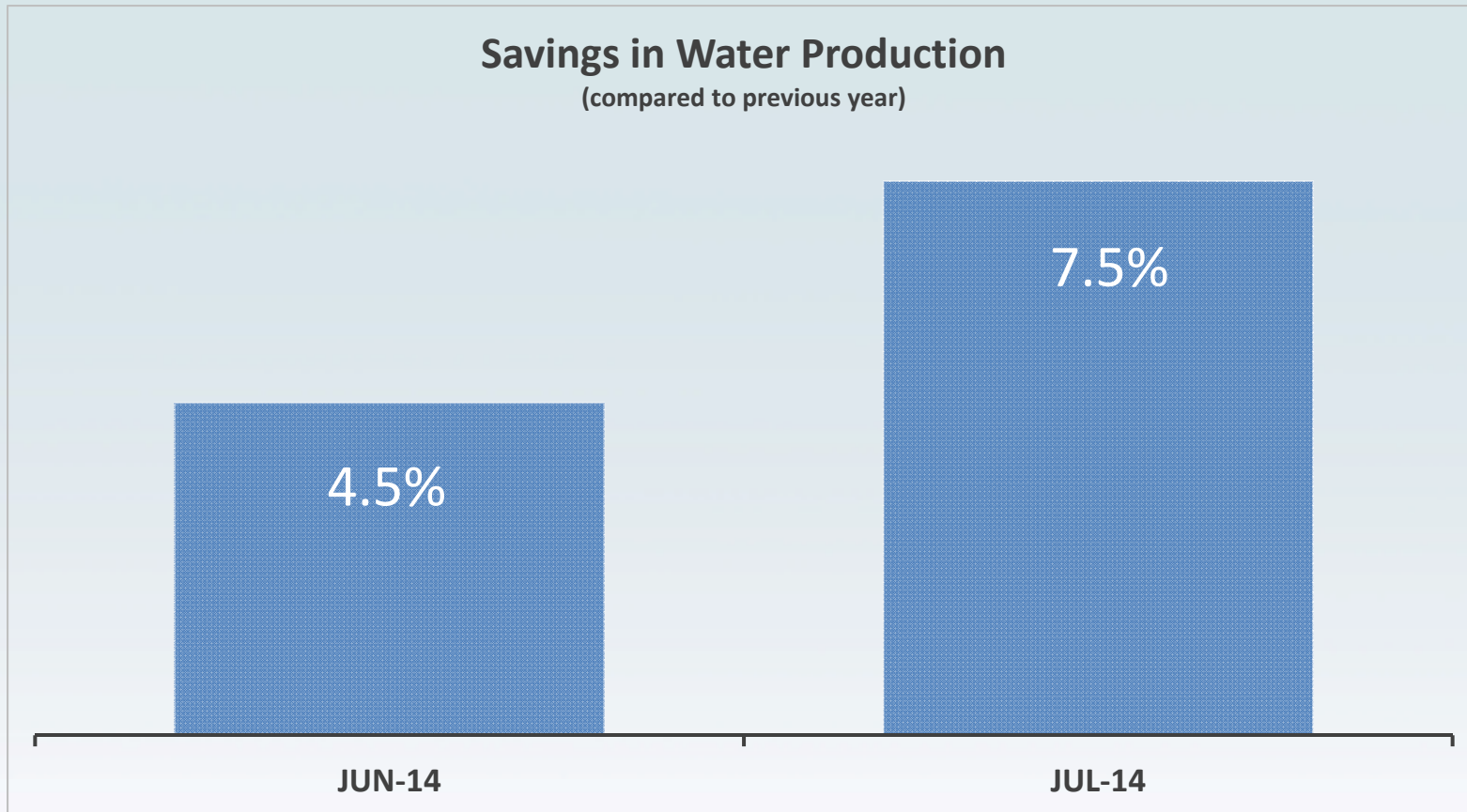
July
7.5% Savings ≈ 17 Billion Gallons



July Water Production by Hydrologic Region and Percentage Reduction (Million Gallons)



Water Conservation Trend



Noteworthy Conservation Achievements

- Southern California
 - Long Beach Water Department
 - Golden State Water Company – Claremont
- San Francisco Bay Area
 - Tri-Valley area: Alameda County Water District, Dublin San Ramon Services District, California Water Service – Livermore District, City of Livermore
 - City of Burlingame, City of Menlo Park



Noteworthy Conservation Achievements

- Sacramento Region
 - City of Sacramento, Sacramento County Water Agency, Sacramento Suburban Water District, El Dorado Irrigation District, City of Folsom, Citrus Heights Water District, City of West Sacramento, California American Water-Sacramento District, Carmichael Water District > 20% reduction
- Central Valley
 - City of Fresno, California Water Service – Bakersfield, City of Modesto, City of Stockton, City of Turlock



Response to Severe Shortages

- Tuolumne Public Utilities District
- City of Santa Cruz
- Cambria Community Services District
- Bella Vista Water District (Redding)

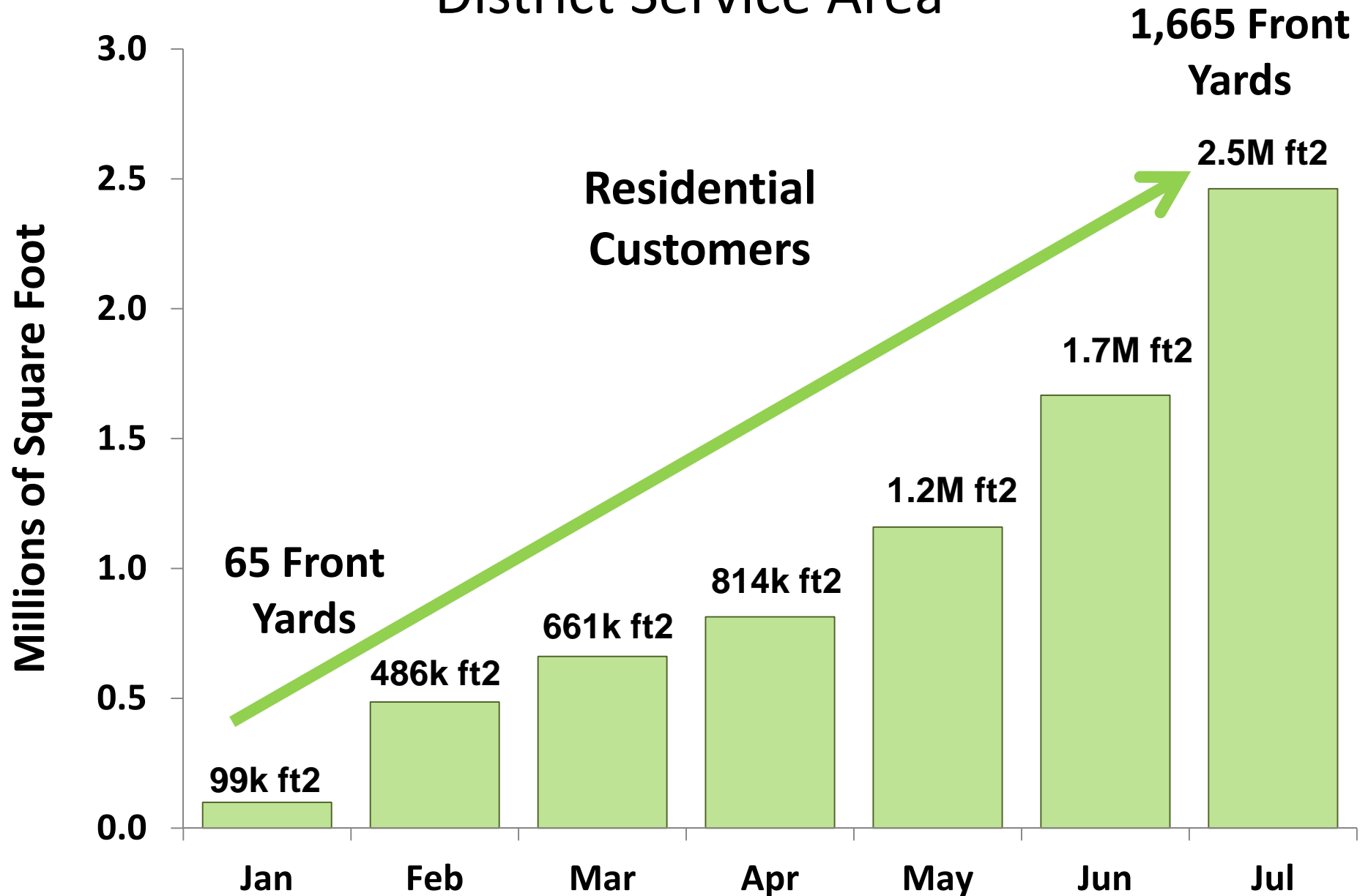


Results in Context

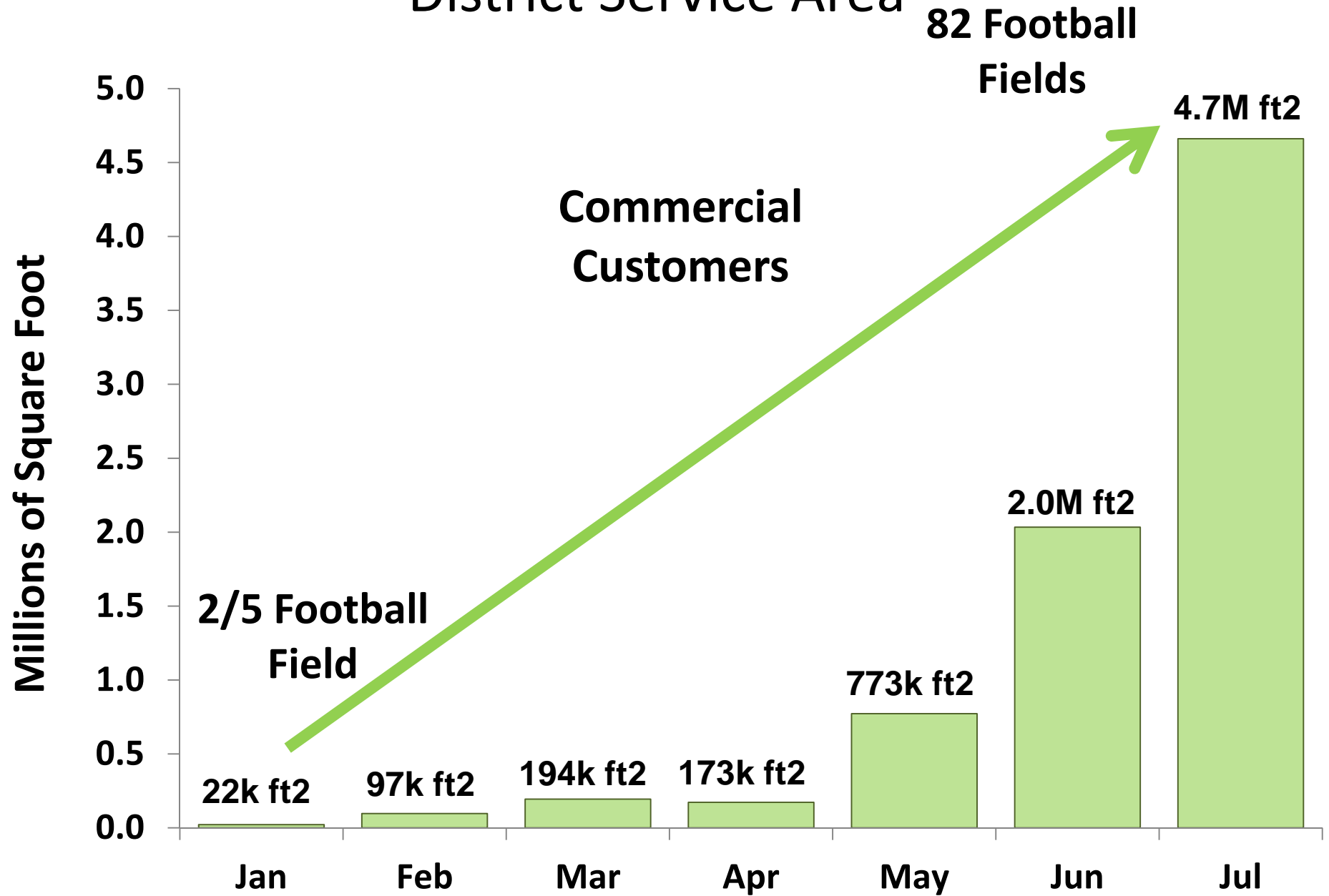
- Low Hanging Fruit vs. Deeper Measures
 - High outdoor use vs. efficient outdoor use
 - City of Long Beach 89 gallons per capita per day (estimated)
- Turf removal response has been tremendous
 - High uptake in Southern California and in the Santa Clara Valley



Residential Turf Removal in Metropolitan Water District Service Area



Commercial Turf Removal in Metropolitan Water District Service Area



Alternate Plans for Water Suppliers with Allocation-Based Rates

- Three requests received
 - Irvine Ranch Water District (approved)
 - Moulton Niguel Water District (approved)
 - Truckee Donner Public Utilities District (denied)



Significant Public Response to the Regulations

- Hundreds of calls, emails, and letters received
 - Desire for enforcement and equitable application of use restrictions
 - Code enforcement inquiries
- Clarifying questions from water suppliers
- High media interest



Next Steps

Winter precipitation is uncertain; preparation for another dry year is essential

- Monthly updates on production data
- Address non-compliance
- Assess need for additional conservation measures

