

California Statewide Per Capita  
Disposal, Diversion, and Recycling  
Rates for Calendar Year 2015

# Statewide Disposal and Recycling

- 50% Diversion Mandate
  - Per Capita Disposal Rate
  - Diversion Rate
- 75% Recycling Goal
  - Recycling Rate

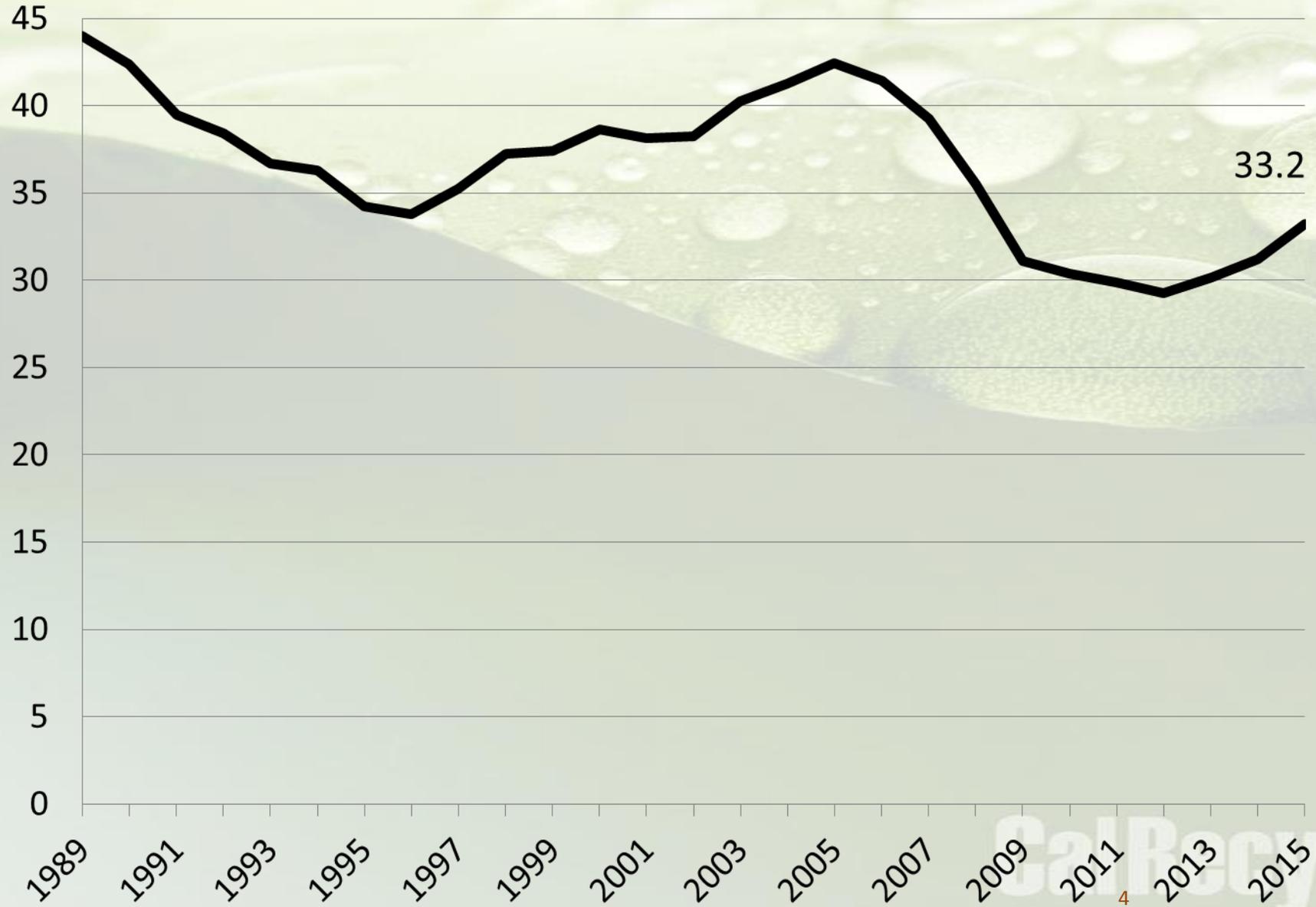
# Statewide Disposal (AB 939)

Includes:

- In-state landfill
- Exported to landfill
  
- 2015 Statewide Disposal = 33.2 million tons

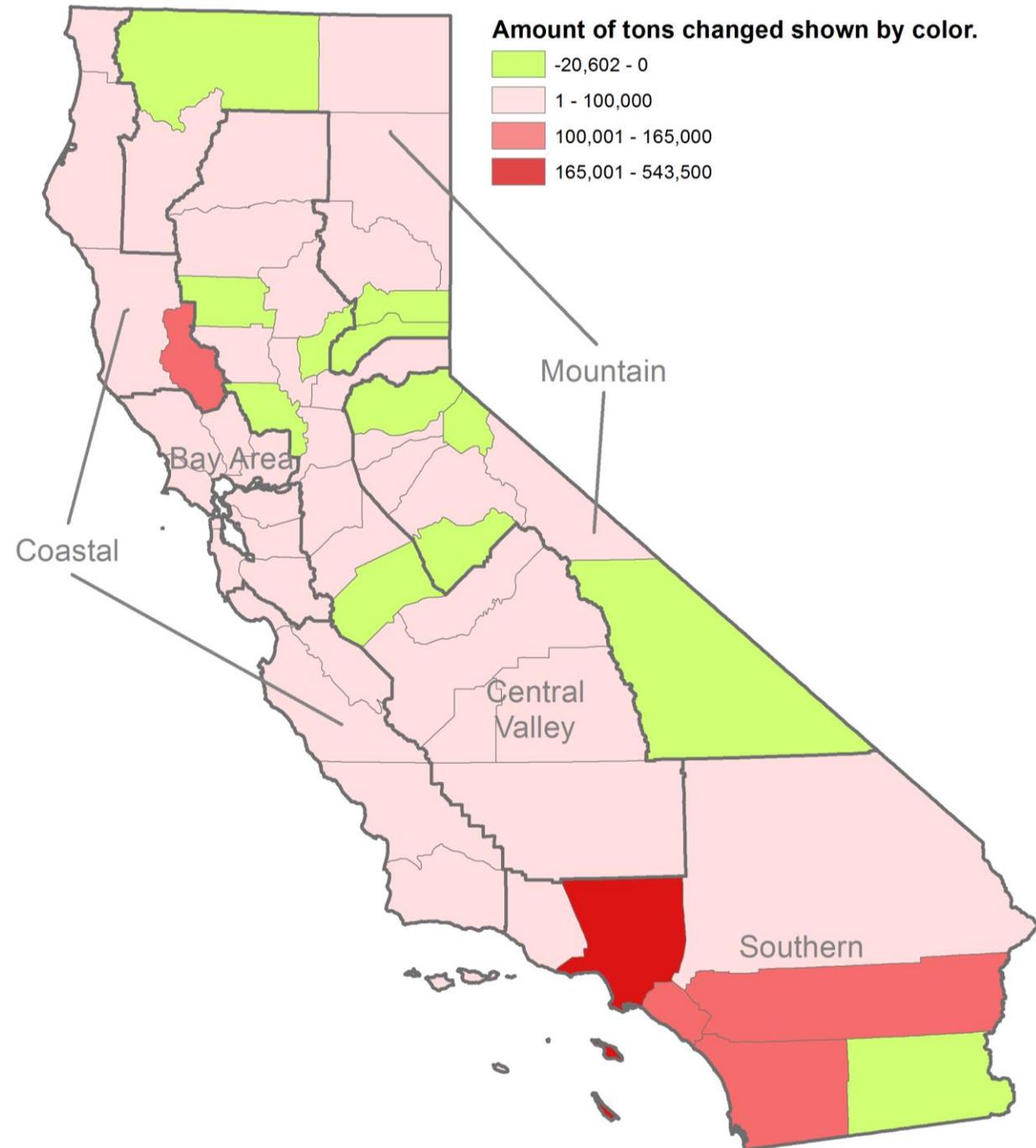
# Statewide Disposal

(Millions of tons)



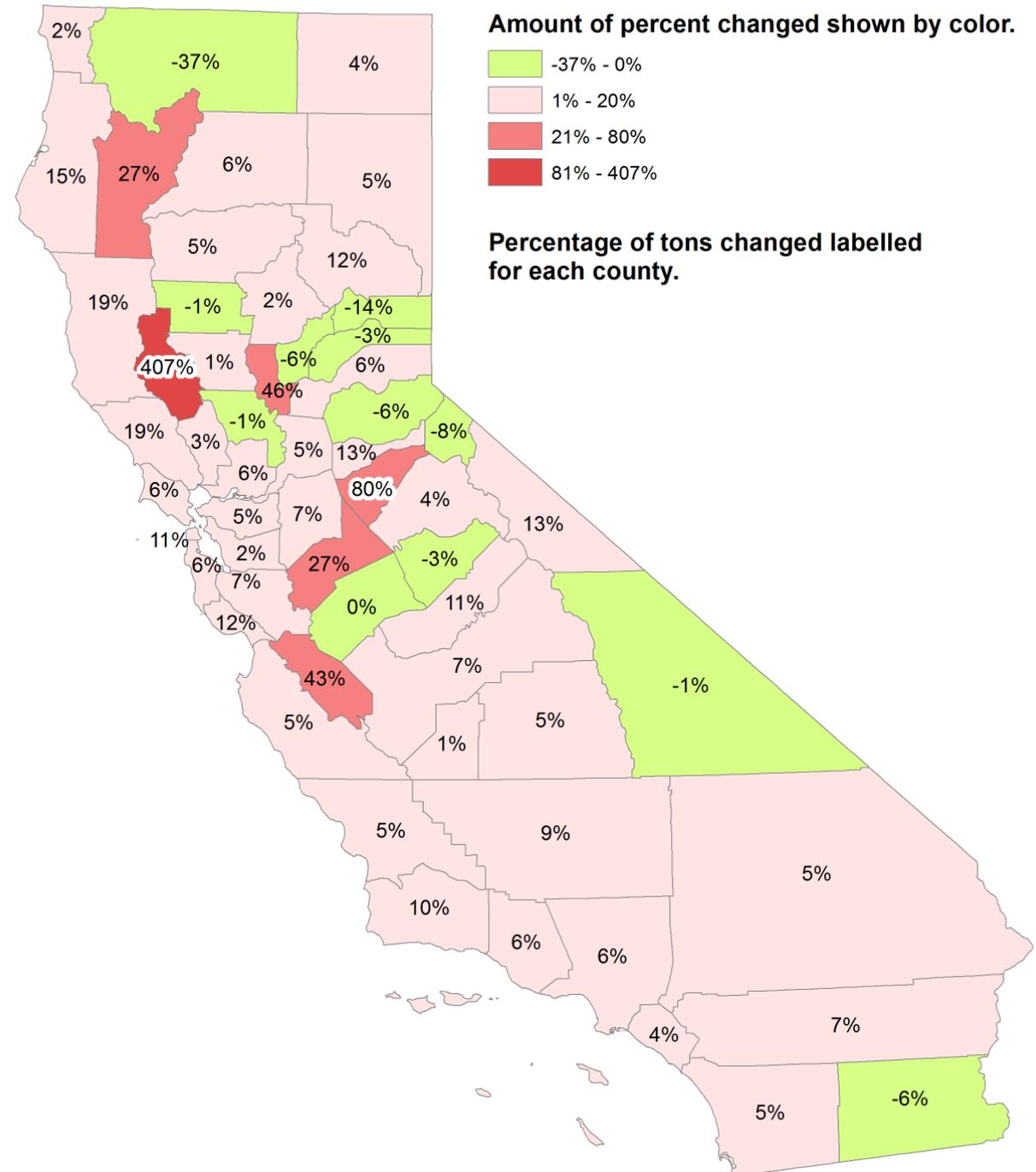
# Disposal Tonnage Change from 2014 to 2015

- Largest Tonnage increase:
  - Los Angeles
  - San Diego
- Tons Increase by Region
  - Bay – 339,000
  - Central – 338,000
  - Coastal – 281,000
  - Mountain – 5,000
  - Southern – 1,083,000



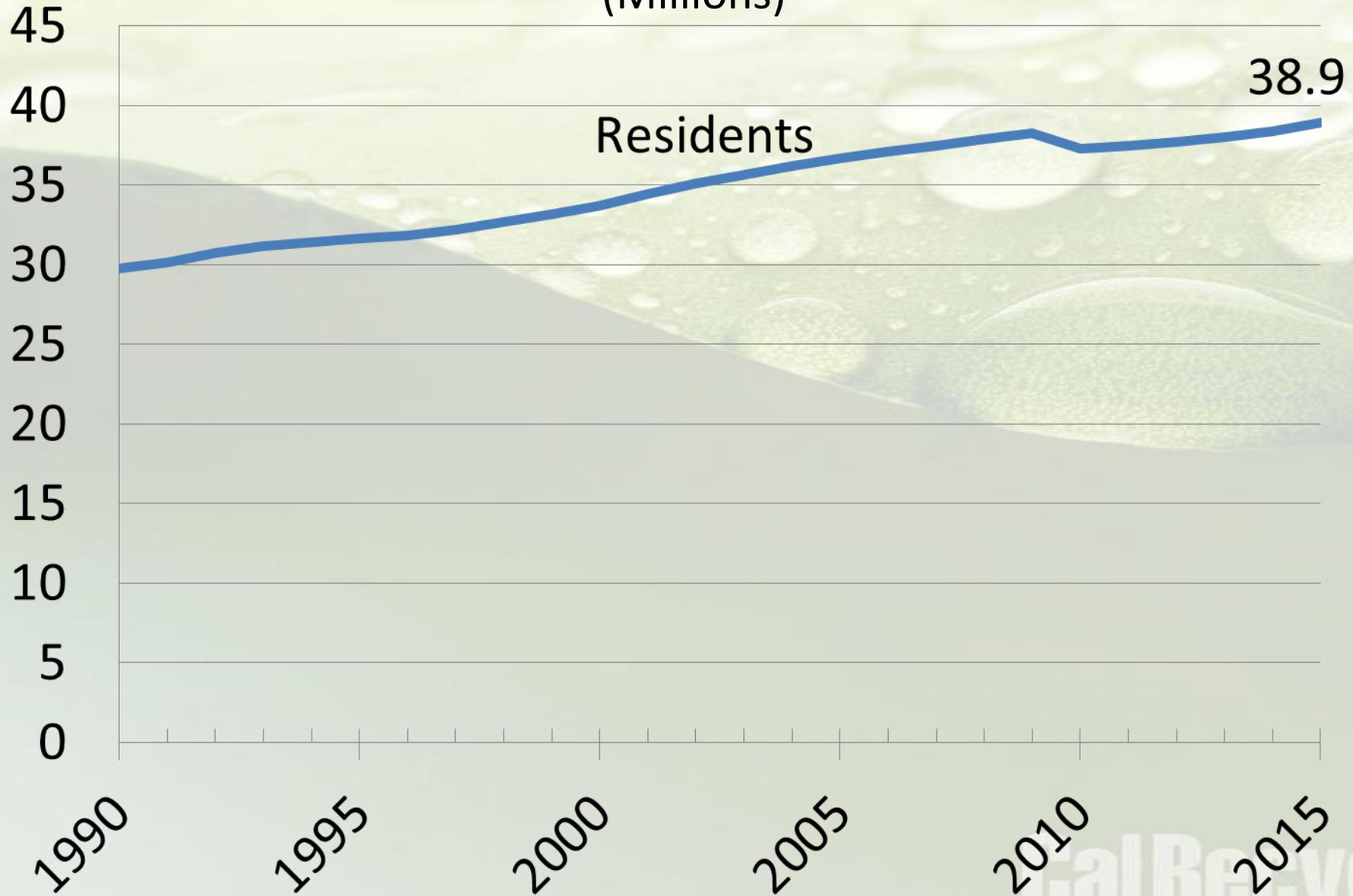
# Disposal Tonnage Change from 2014 to 2015

- 6.6% increase statewide
- Range of Increases:
  - Negative – 12 counties
  - 1 to 5% - 18 counties
  - 6 to 10% - 13 counties
  - 11 to 20% - 9 counties
  - Over 20% - 6 counties
- Largest % increase:
  - Lake County
  - Calaveras County

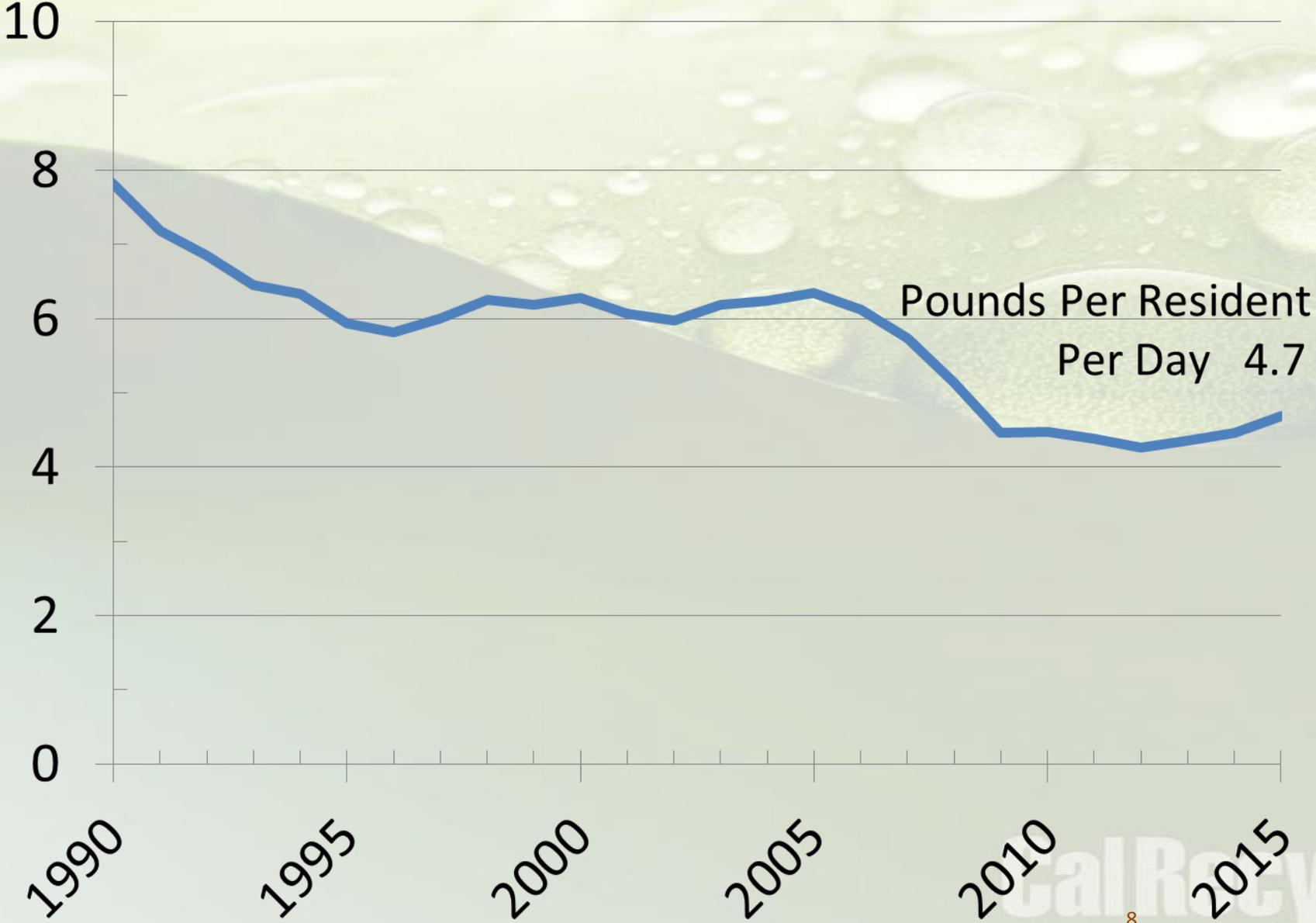


# Statewide Population

(Millions)



# Statewide Average Per Capita Disposal



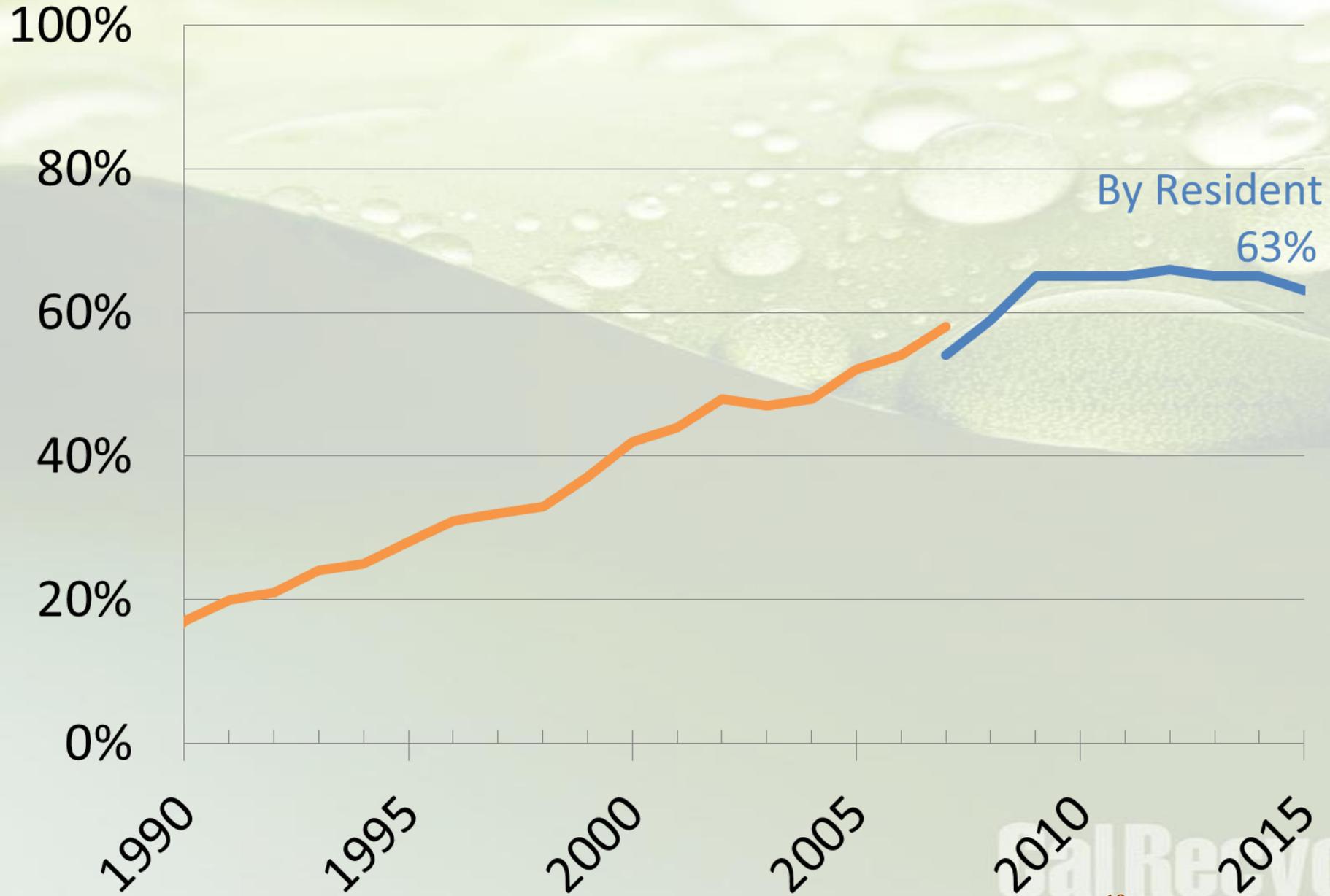
# Statewide Diversion Rate

The original metric for jurisdiction numerical compliance with the 50% mandate.

Mandate: Assembly Bill 939 (1989)

Method: Assembly Bill 2494 (1992)

# Statewide Diversion Rates



# Recycling Rate

AB 341 (2011) –

- Statewide goal of 75% recycling by 2020
- Does not change diversion mandates for local jurisdictions

# Differences Between AB 939 and AB 341

	<b>AB 939</b>	<b>AB 341</b>
Goal	50 Percent Diversion (Jurisdictional Mandate)	75 Percent Recycling (Statewide Goal)
Baseline Generation (Statewide)	12.6 ppd (2003-2006)	10.7 ppd (1990-2010)
Disposal Target (Statewide)	6.3 ppd	2.7 ppd

# Recycling Rate

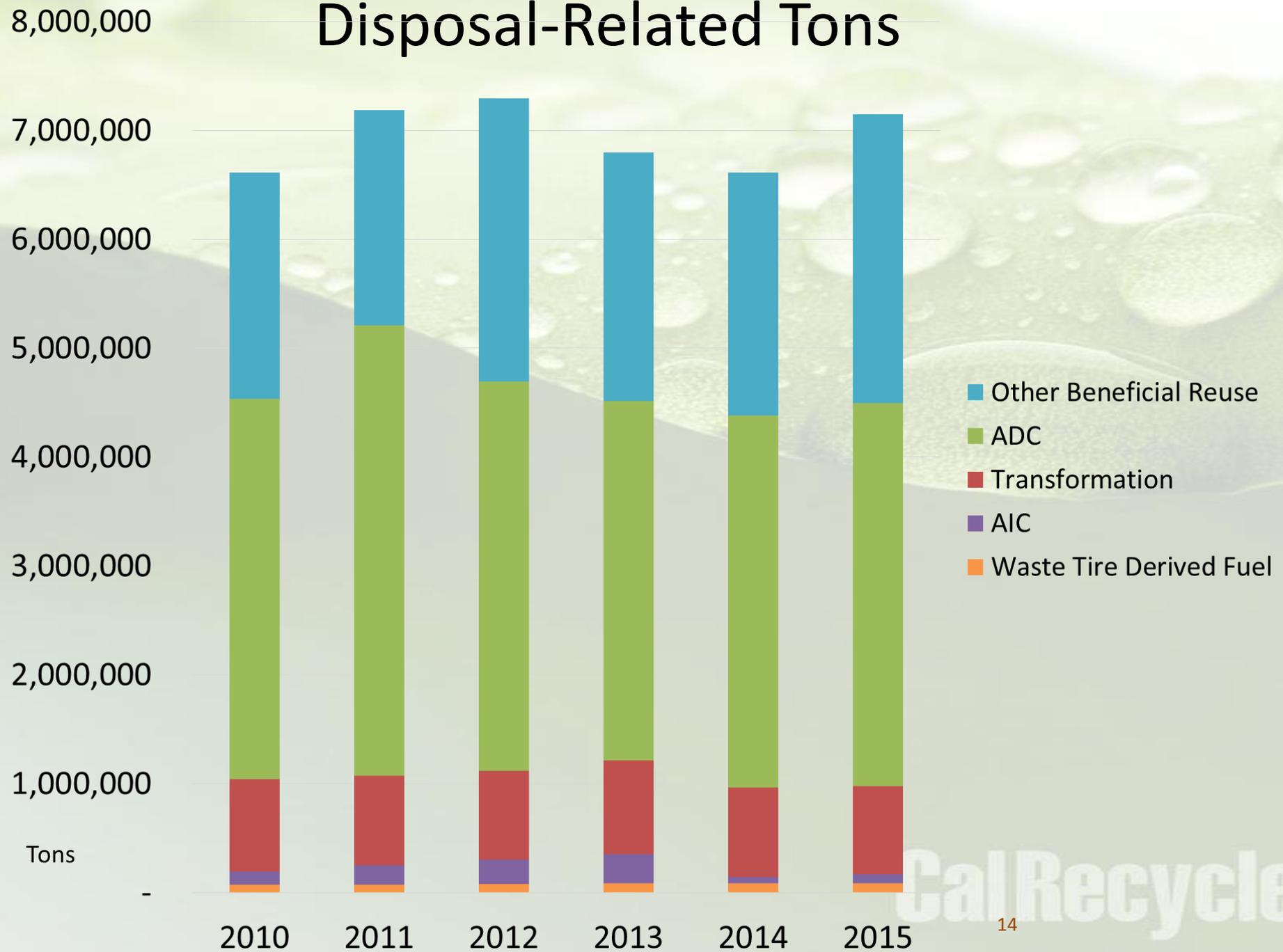
Disposal includes:

- In-state landfill
- Exported to landfill

Disposal-related also includes:

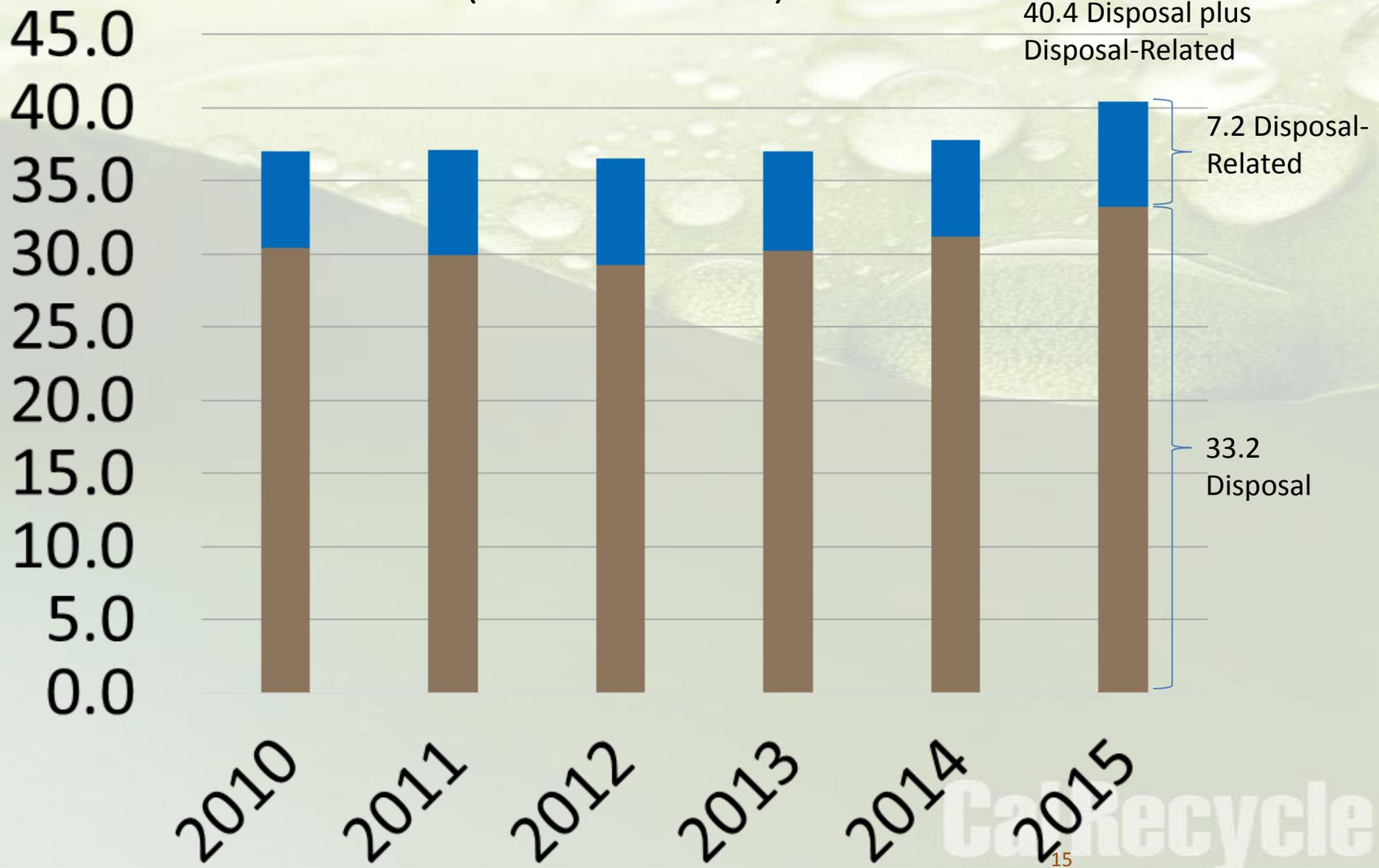
- Alternative Daily Cover (ADC)
- Alternative Intermediate Cover (AIC)
- Other beneficial reuse
- Transformation
- Waste-derived fuel

# Disposal-Related Tons



# Statewide Disposal Plus Disposal-Related

(Millions of tons)



# Statewide Recycling Rate

100%

75%

50%

25%

0%

2010

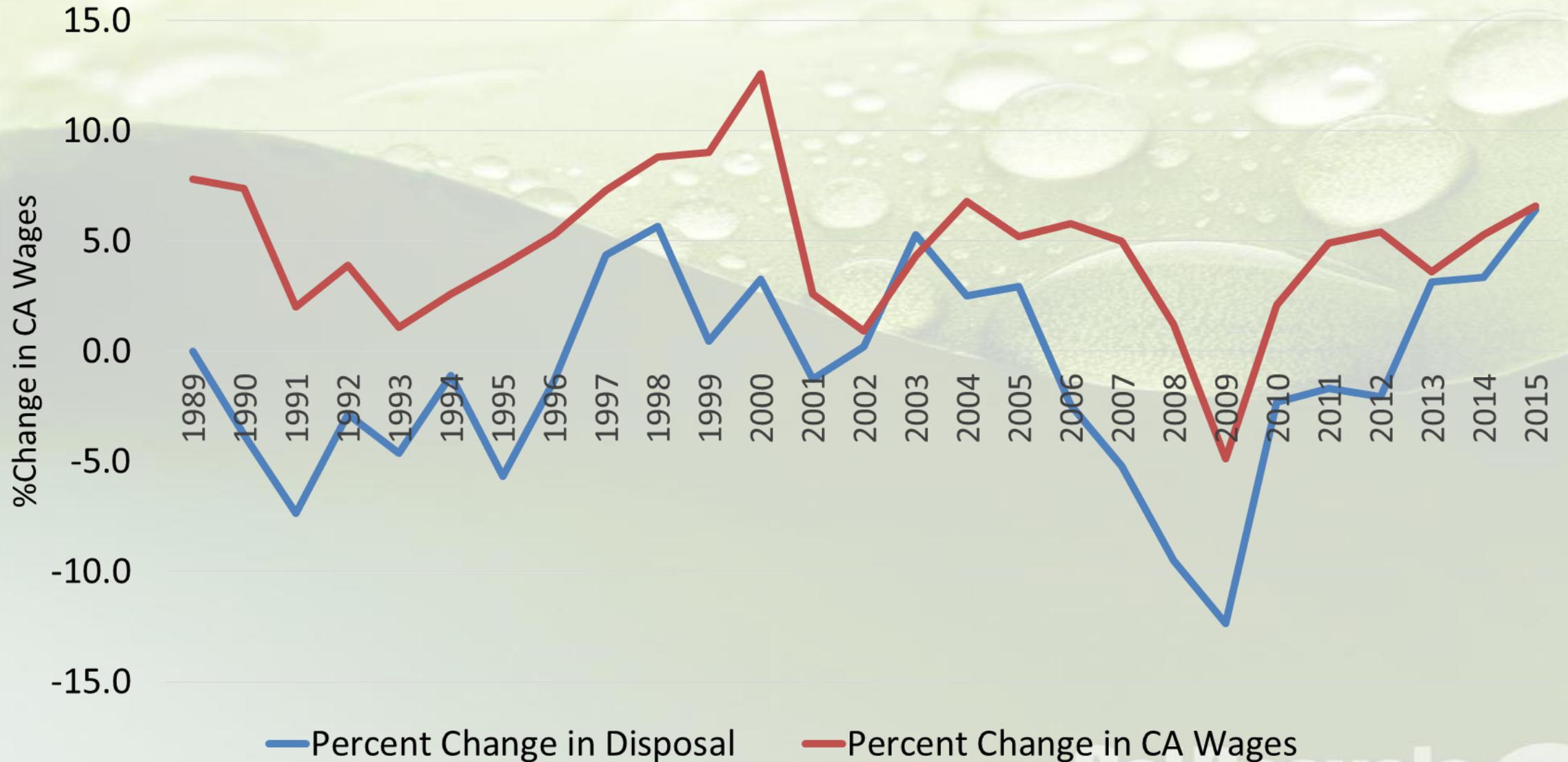
2015

75% Goal

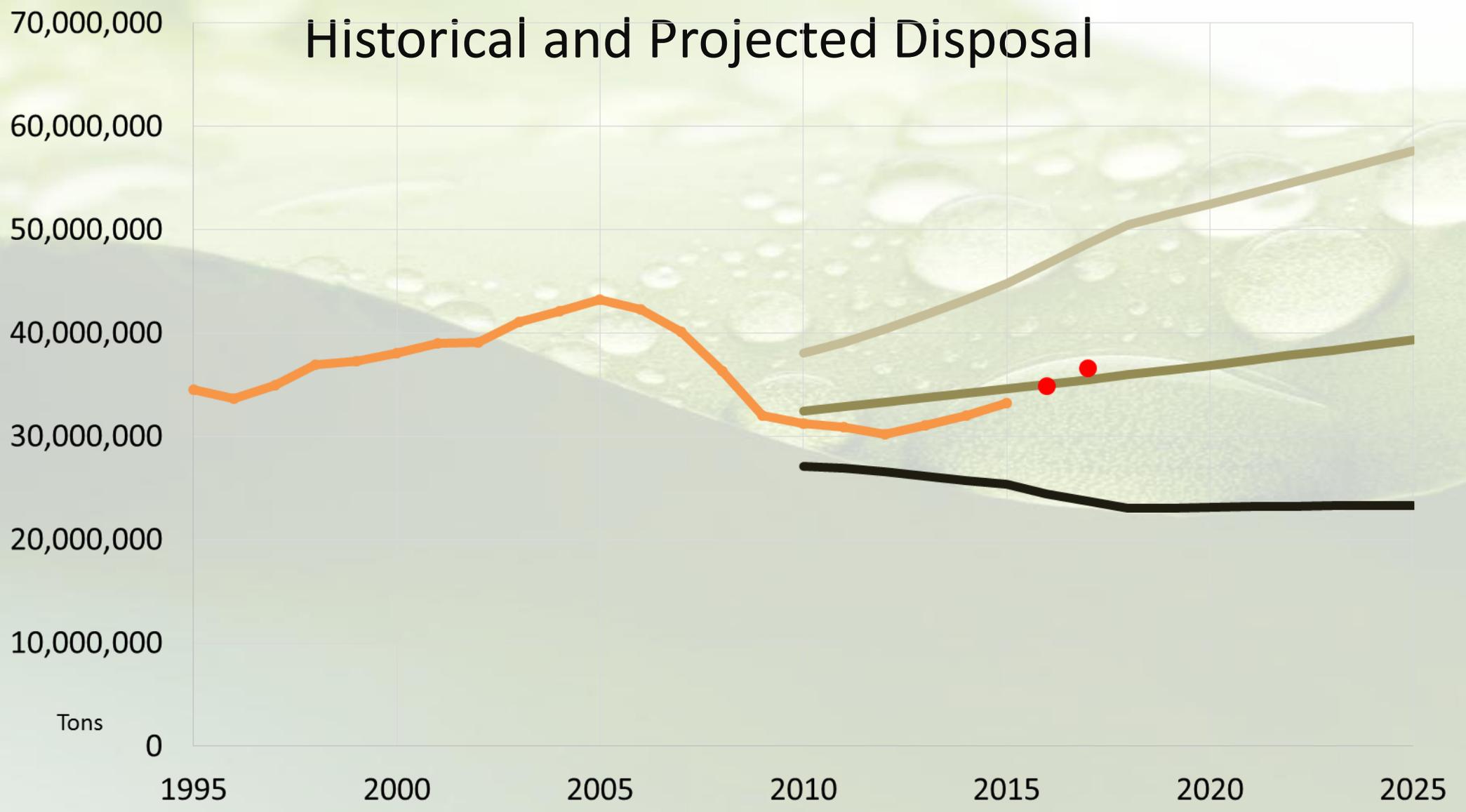
47%

2020

# Wage Change and Disposal



# Historical and Projected Disposal



- Historical Disposal
- Medium Growth Projection
- Post-2015 Based on Economic Indicators

- High Growth Projection
- Low Growth Projection



# The Lift

44 Million Tons of Potential Disposal and Disposal-Related

-24 Million Tons of Additional Recycling

20 Million Tons of Remaining Disposal and Disposal-Related

# Greenhouse Gas Impacts

- Extra 2 million tons of landfilled material
- 200,000 Metric Tons CO<sub>2</sub>e into the atmosphere
- ~2 MMTCO<sub>2</sub>e could have been avoided through composting and recycling

# 2015 California Statewide Summary

## AB 939 – 50% Diversion

### Statewide Disposal

- 33.2 million tons

### Per Capita Disposal

- 4.7 lbs/resident/day

### Diversion Rate Equivalent

- 63%

## AB 341 – 75% Recycling Goal

### Disposal plus Disposal-Related

- 40.4 million tons

### Per Capita Disposal

- 5.7 lbs/resident/day

### Recycling Rate

- 47%

More information is available at:

<http://www.calrecycle.ca.gov/lgcentral/goalmeasure/disposalrate/MostRecent/default.htm>