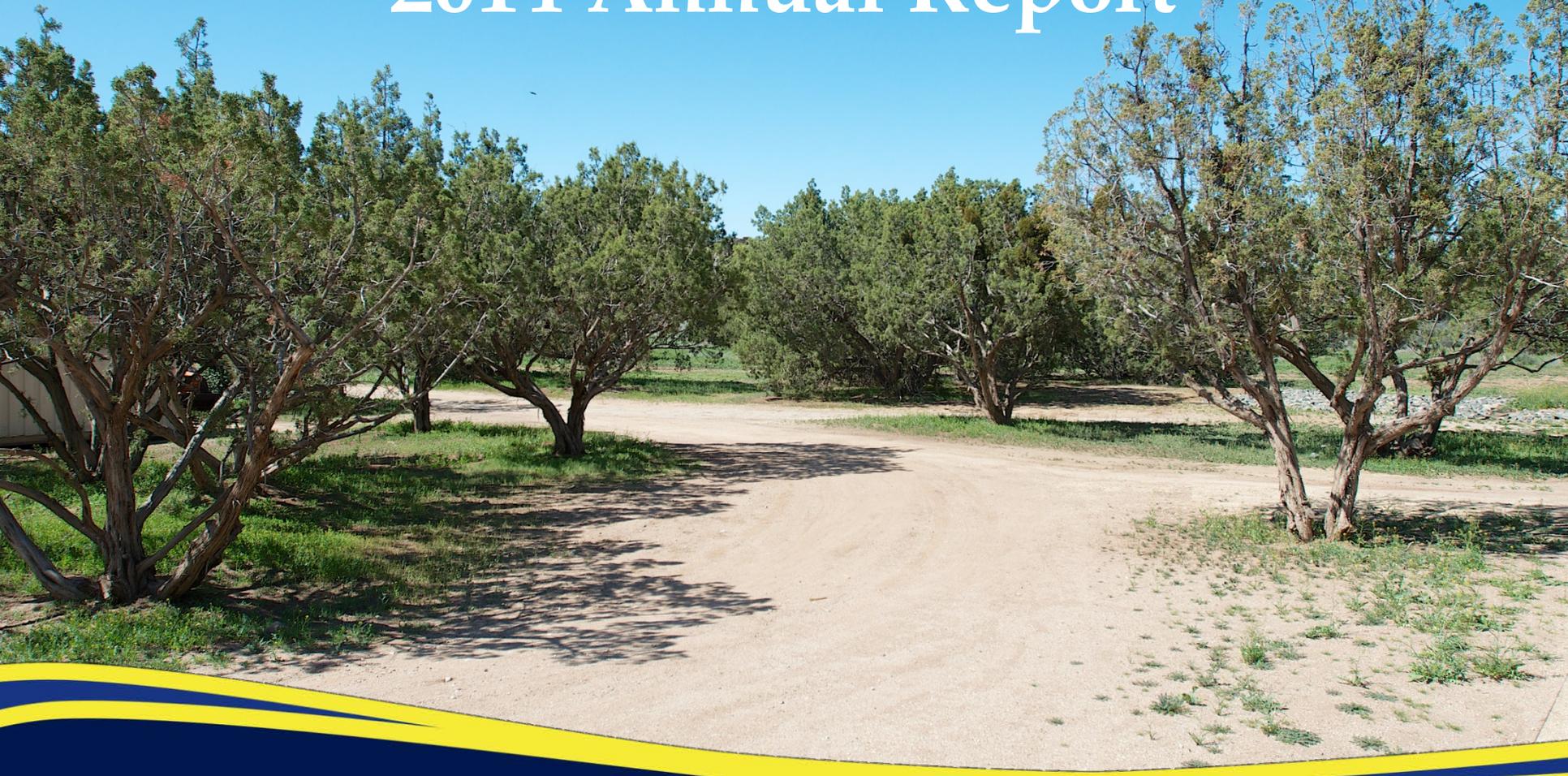


County of Los Angeles  
Countywide Integrated Waste Management Plan  
**2014 Annual Report**



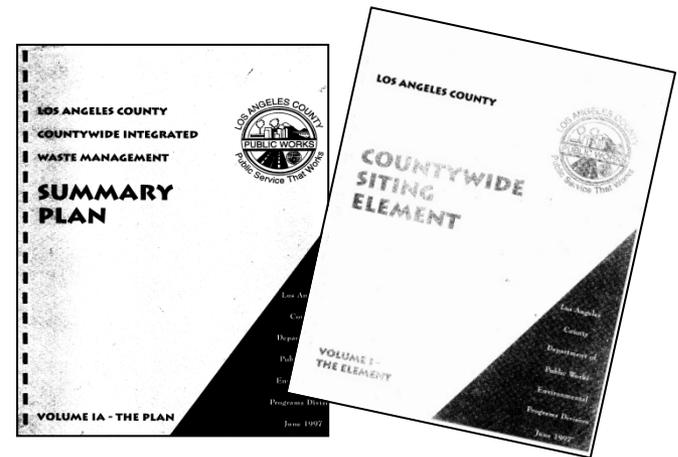
Presented by: Trishena Robinson  
Public Works, Environmental Programs Division  
November 19, 2015



# Purpose

- Provides an annual update to the Los Angeles County Countywide Integrated Waste Management Plan, which includes:

- ❖ Summary Plan Assessment (1999)
- ❖ Siting Element Assessment (1998)



# Solid Waste Disposal Facilities

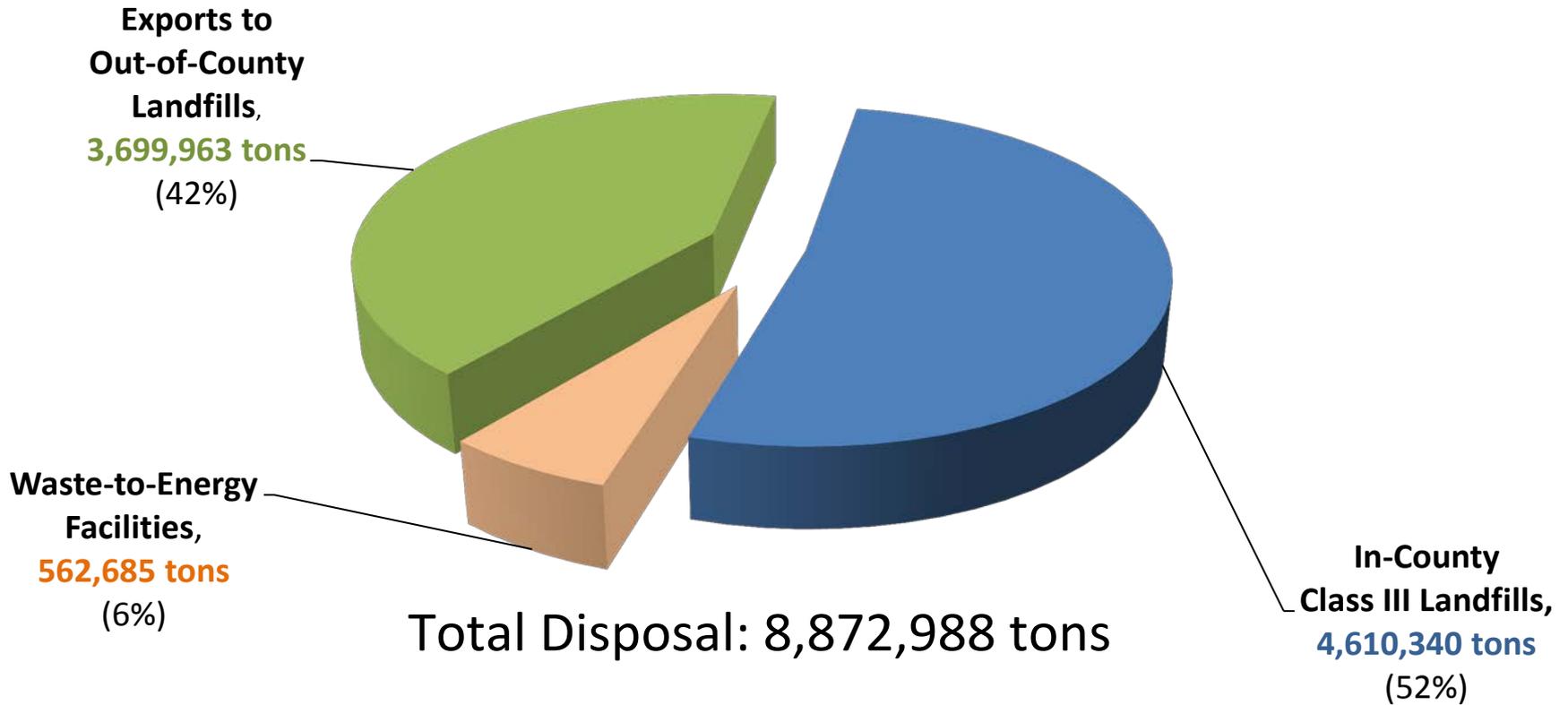
## Permit Changes

- Azusa Land Reclamation  
– revised in 2014

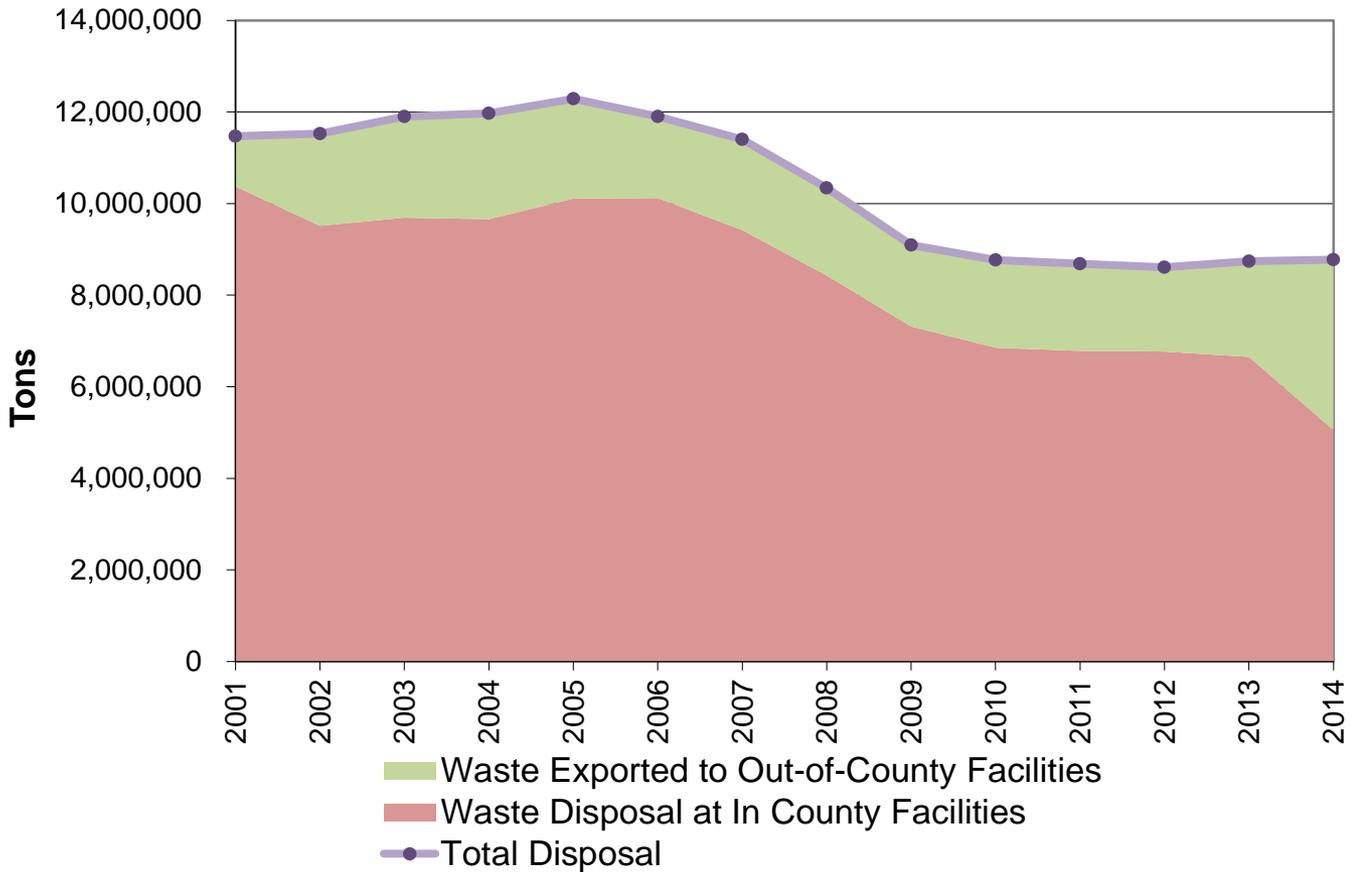
## Proposed Expansions

- Chiquita Canyon Landfill  
- Average Daily Capacity of  
10,000 tpd
- Scholl Canyon Landfill  
- 5.5 million tons (Var. 1) or  
8 million tons (Var. 2)

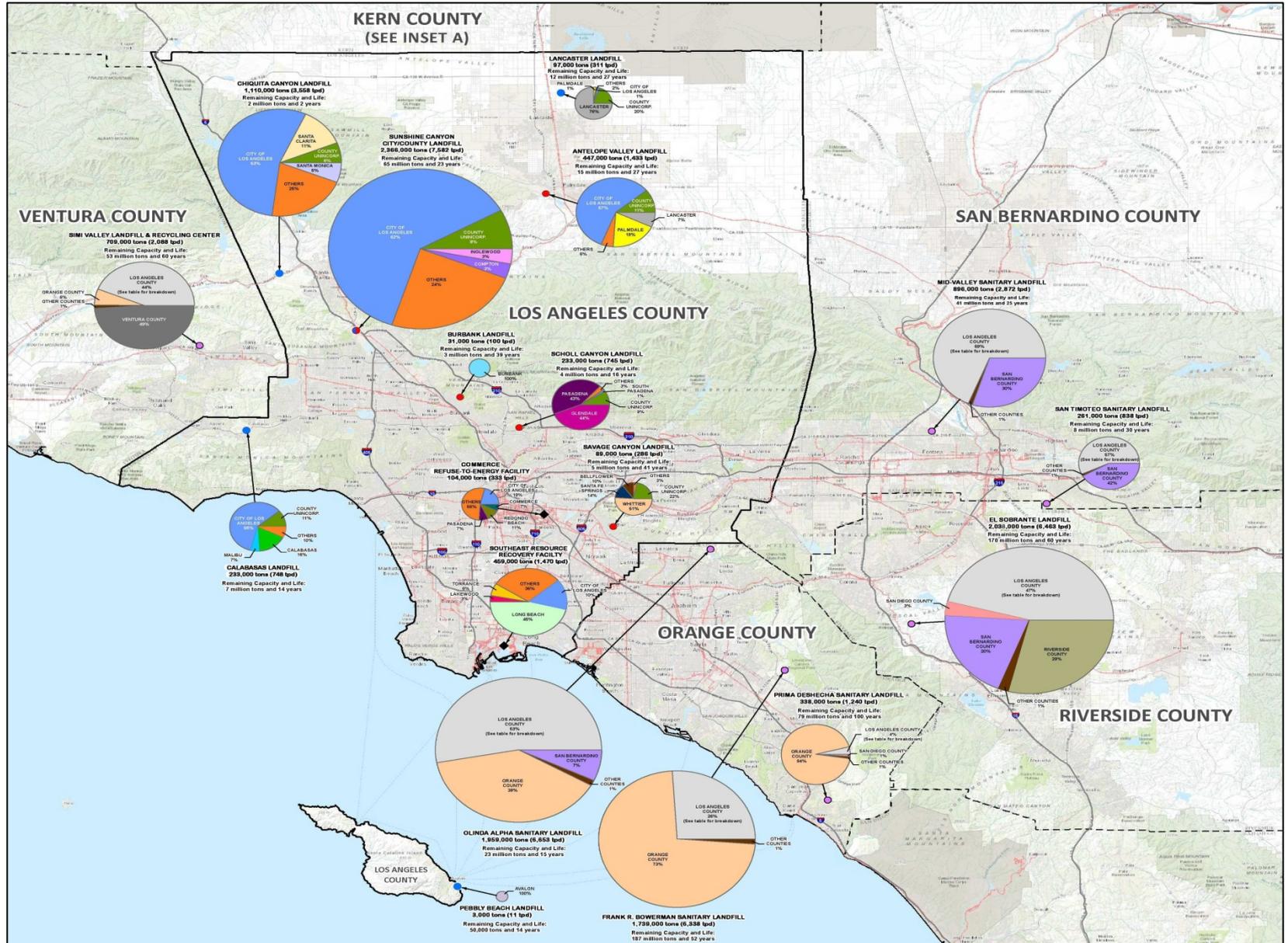
# 2014 Disposal Quantities



# Solid Waste Disposal Trends



# Waste Disposal by Jurisdiction of Origin at Permitted Municipal Solid Waste Facilities in Southern California



# Strategy for Maintaining Adequate Disposal Capacity

- Diversion rate of **75 percent** by 2020

- **Proposed expansions** of existing in-County landfills

- Continued operations of Commerce Refuse-to-Energy and Southeast Resource Recovery Facilities or greater **alternative technology capacity**

- Continued **Exports** to Out-of-County landfills (most scenarios)

# Disposal Capacity Need Analysis

## Scenarios

Scenario No.	Existing Permitted In-County Disposal Capacity	Diversion Rate of 75 percent by 2020 <sup>1</sup>	Exports to Out-of-County Landfills	Proposed Expansions of In-County Landfills	Utilization of Alternative Technology Capacity	Increase in Exports to Out-of-County Landfills
I Utilization of Permitted In-County Disposal Capacity Only	✓	✓				
II Status Quo	✓	✓	✓			
III Status Quo – Meeting CalRecycle’s Statewide Disposal Target of 2.7 PPD	✓	✓	✓			

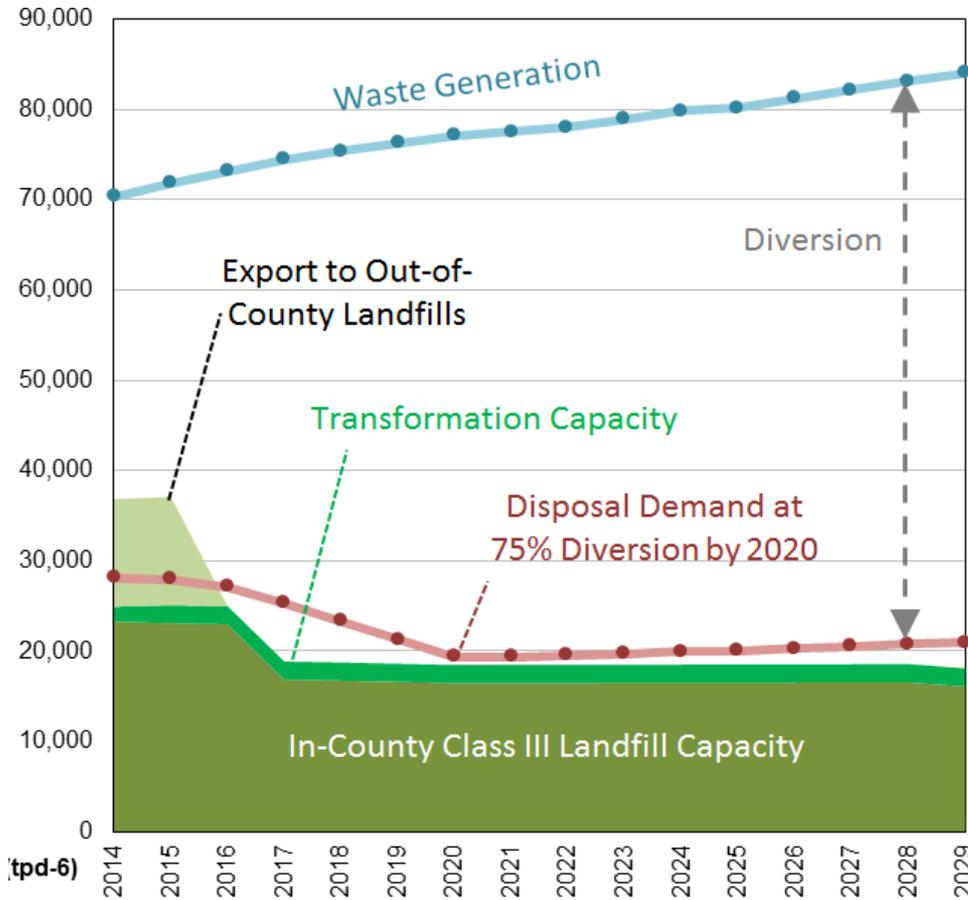
<sup>1</sup> Scenario III assumes an increase in diversion rate up to 78% by 2020 in order to meet CalRecycle’s Statewide Disposal Target of 2.7 PPD.

# Disposal Capacity Need Analysis Scenarios

Scenario No.	Existing Permitted In-County Disposal Capacity	Diversion Rate of 75 percent by 2020	Exports to Out-of-County Landfills	Proposed Expansions of In-County Landfills	Utilization of Alternative Technology Capacity	Increase in Exports to Out-of-County Landfills
<b>IV</b> Proposed In-County Landfill Expansions	✓	✓	✓	✓		
<b>V</b> Utilization of Alternative Technology Capacity	✓	✓	✓		✓	
<b>VI</b> Increase Exports to Out-of-County Landfills	✓	✓	✓			✓
<b>VII</b> All Options Considered Become Available	✓	✓	✓	✓	✓	✓

# Scenario I

## Existing Permitted In-County Capacity Only

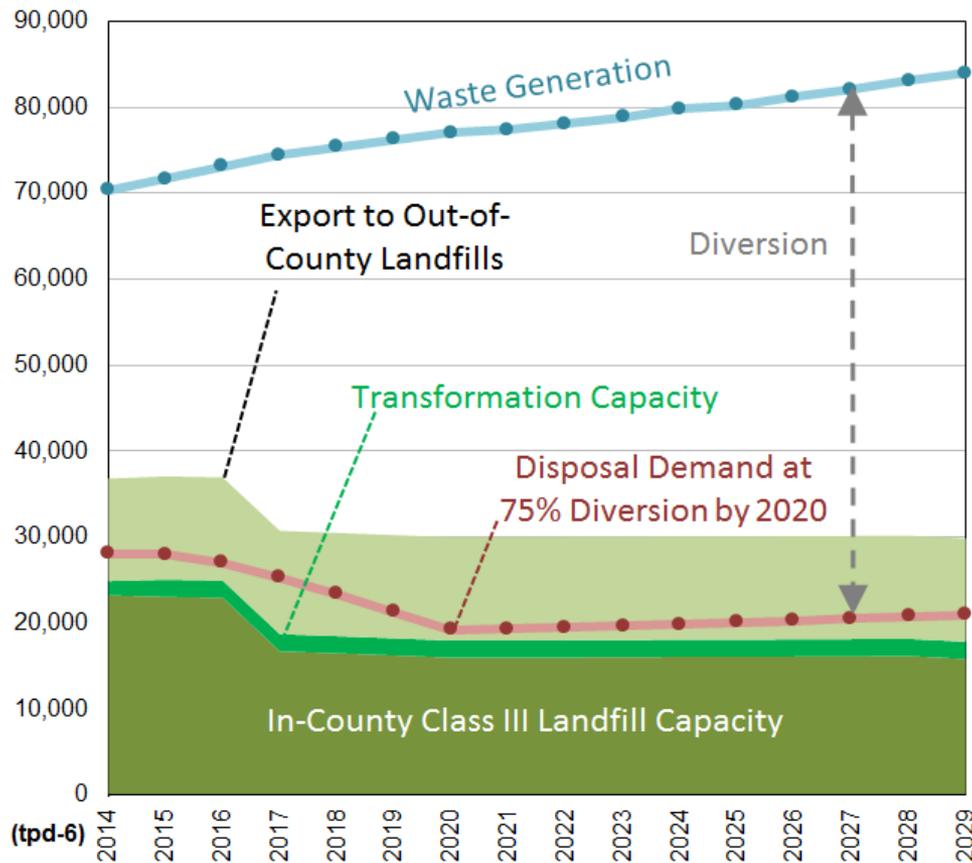


- Assumes 75 percent diversion rate by 2020
- Existing Permitted In-County disposal capacity only

**\*Reliance on existing Permitted disposal capacity alone would be insufficient in meeting long-term needs.**

# Scenario II

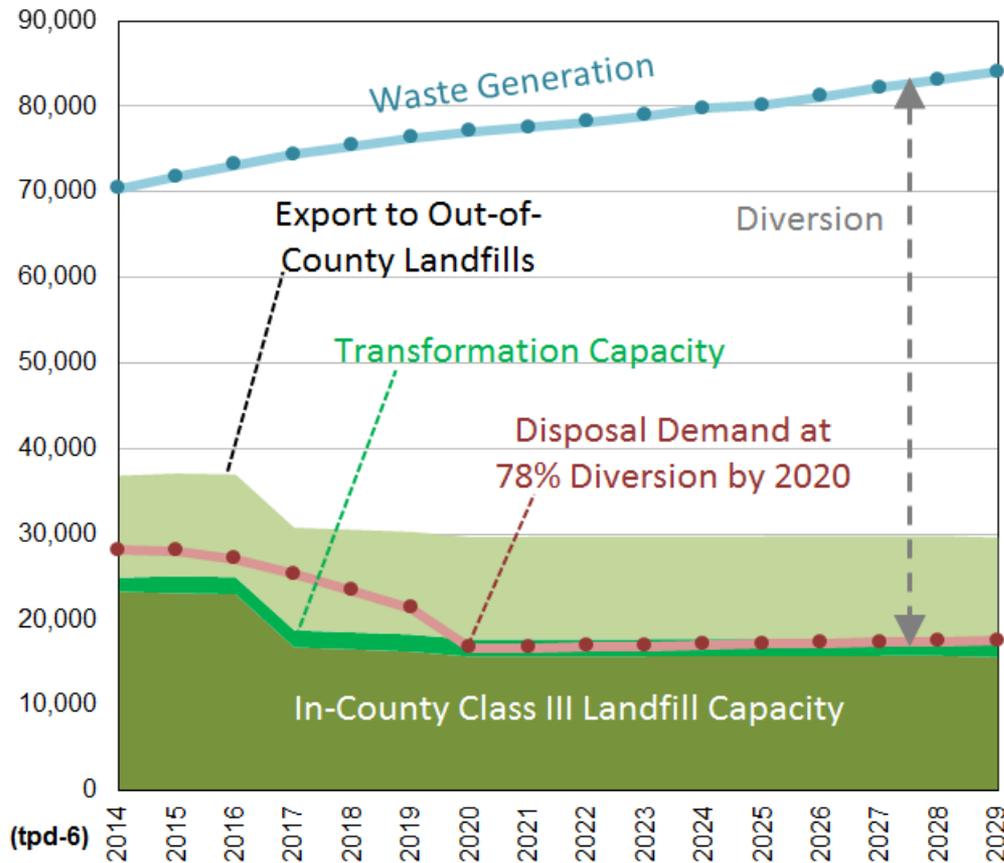
## Status Quo



- Assumes 75 percent diversion rate by 2020
- No increases in out-of-County exports
- No conversion technology facilities (only transformation) or equivalent alternative technology capacity

## Scenario III

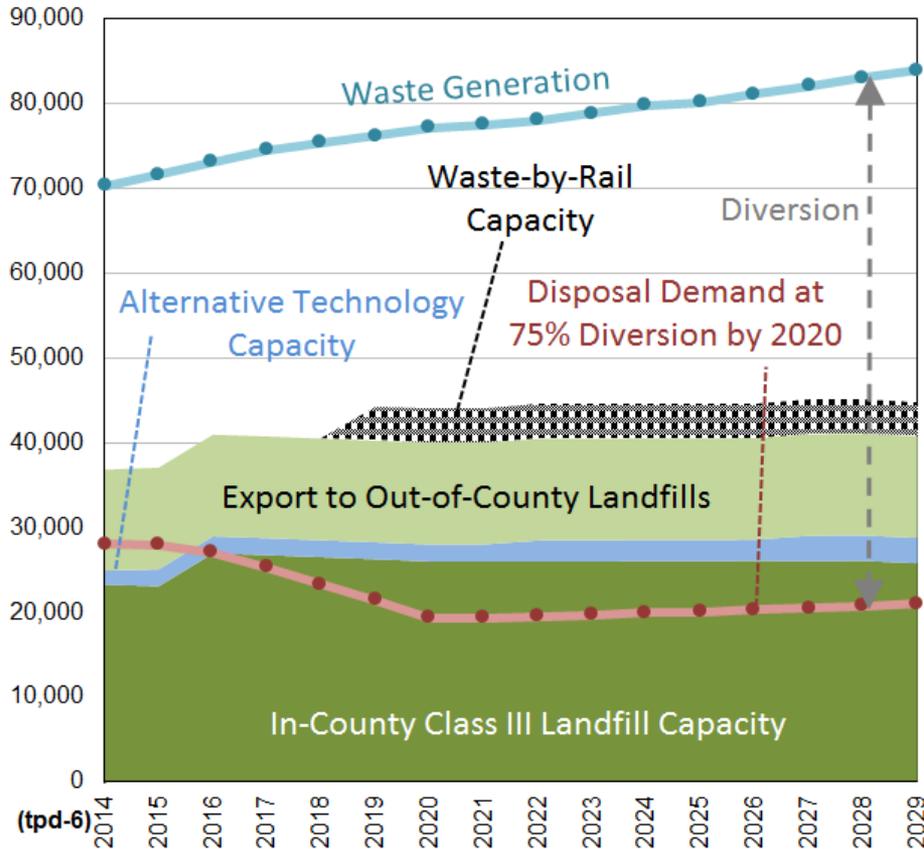
### Meeting CalRecycle's Statewide Disposal Target of 2.7 PPD



- Assumes 78 percent diversion rate by 2020
- No increases in out-of-County exports
- No conversion technology facilities (only transformation) or equivalent alternative technology capacity

# Scenario VII

## All Solid Waste Management Options Considered Become Available



- Assumes 75% diversion rate by 2020
- In-County landfill expansions
- Alternative technology capacity
- Increase in out-of-County capacity (including waste-by-rail)

**\*Disposal capacity would be adequate through a multi-faceted approach**

# Conclusion

**Expand and enhance programs to maximize diversion**



**Expand existing landfills to the extent it is environmentally safe and technically feasible**



**Develop alternative technologies**



**Expand transfer and processing infrastructure**



**Thank you.**

