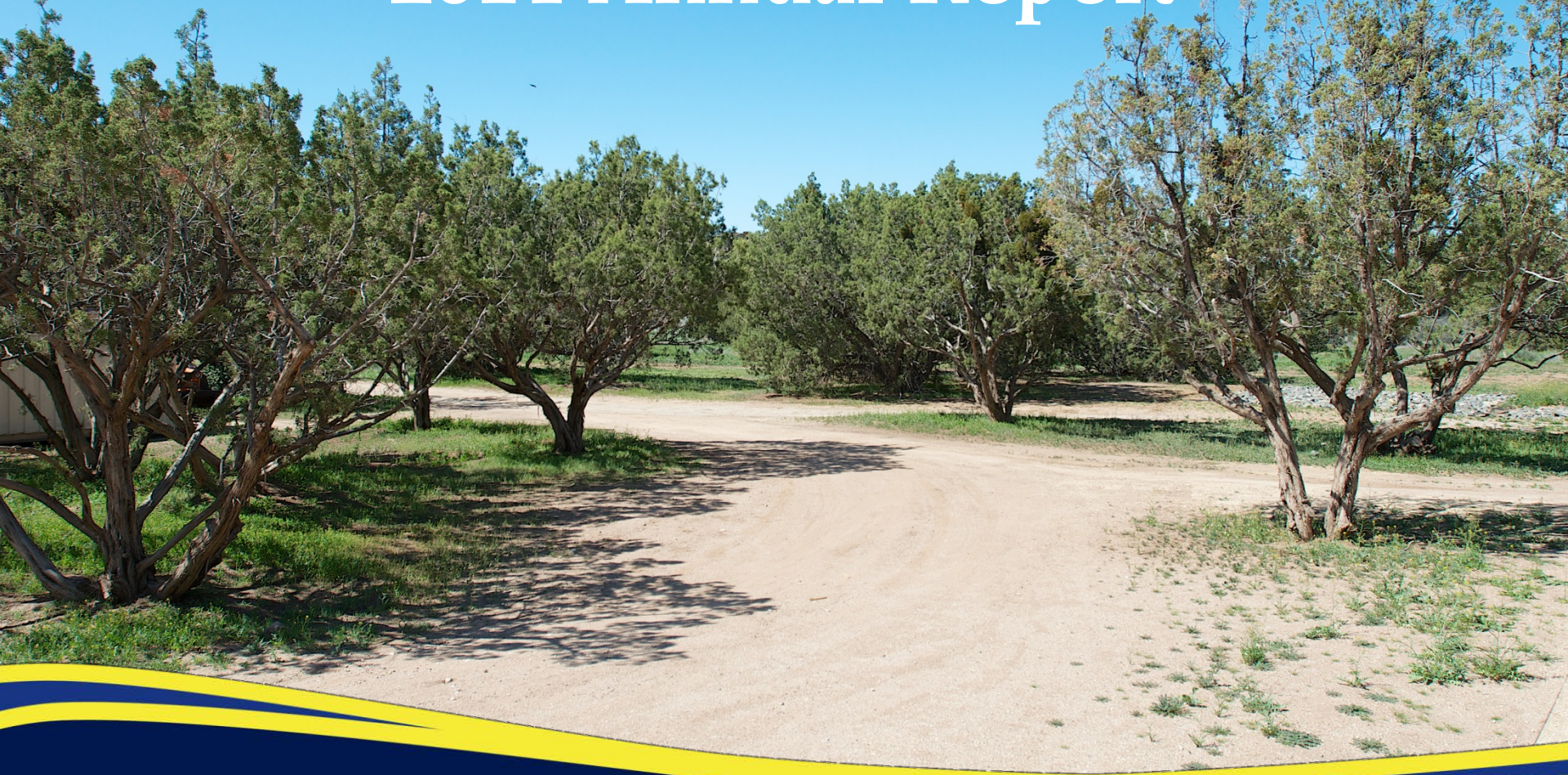


County of Los Angeles Countywide Integrated Waste Management Plan 2014 Annual Report

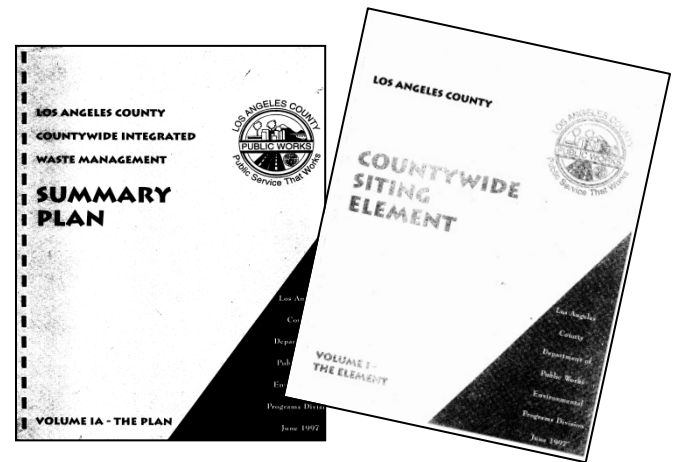


Presented by: Trishena Robinson
Public Works, Environmental Programs Division
November 19, 2015



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

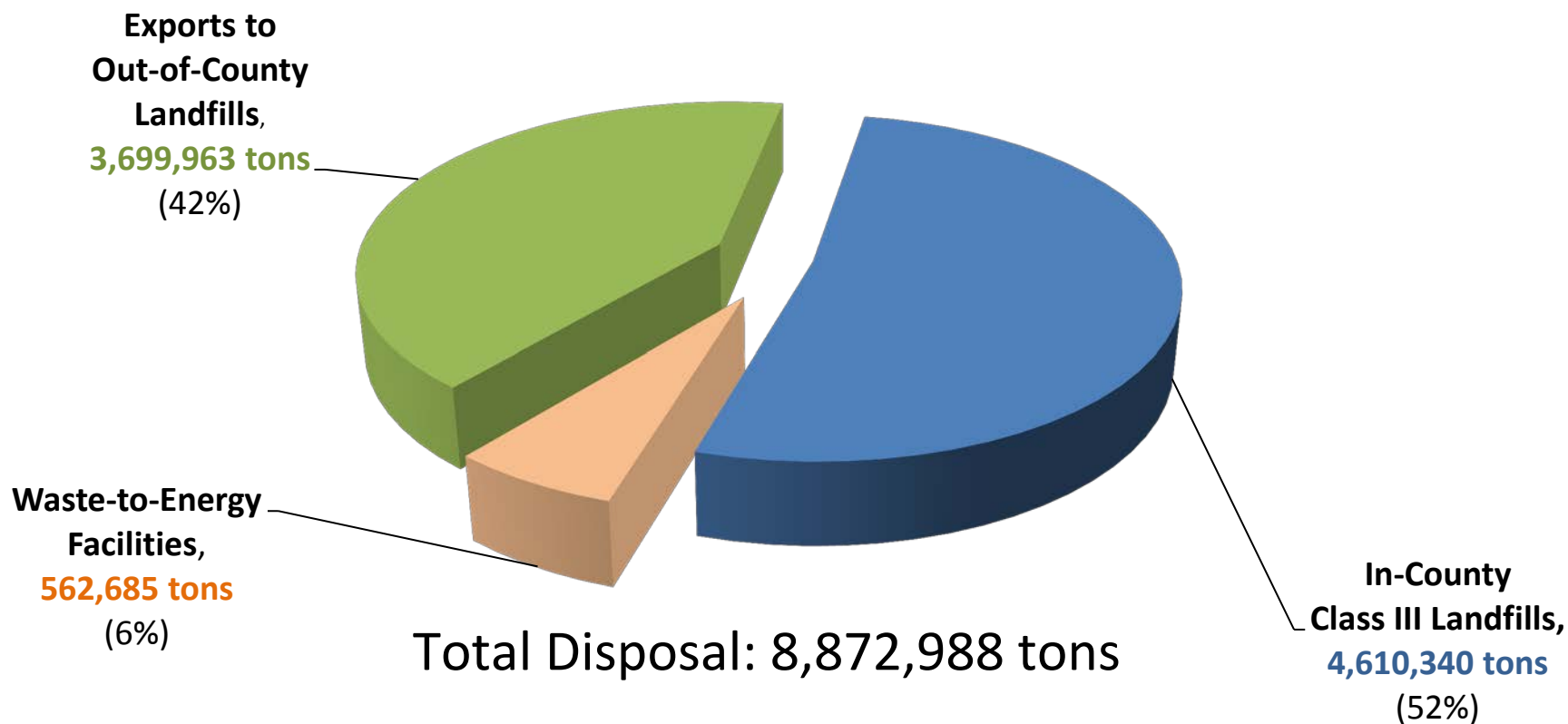
Permit Changes

- Azusa Land Reclamation
– revised in 2014

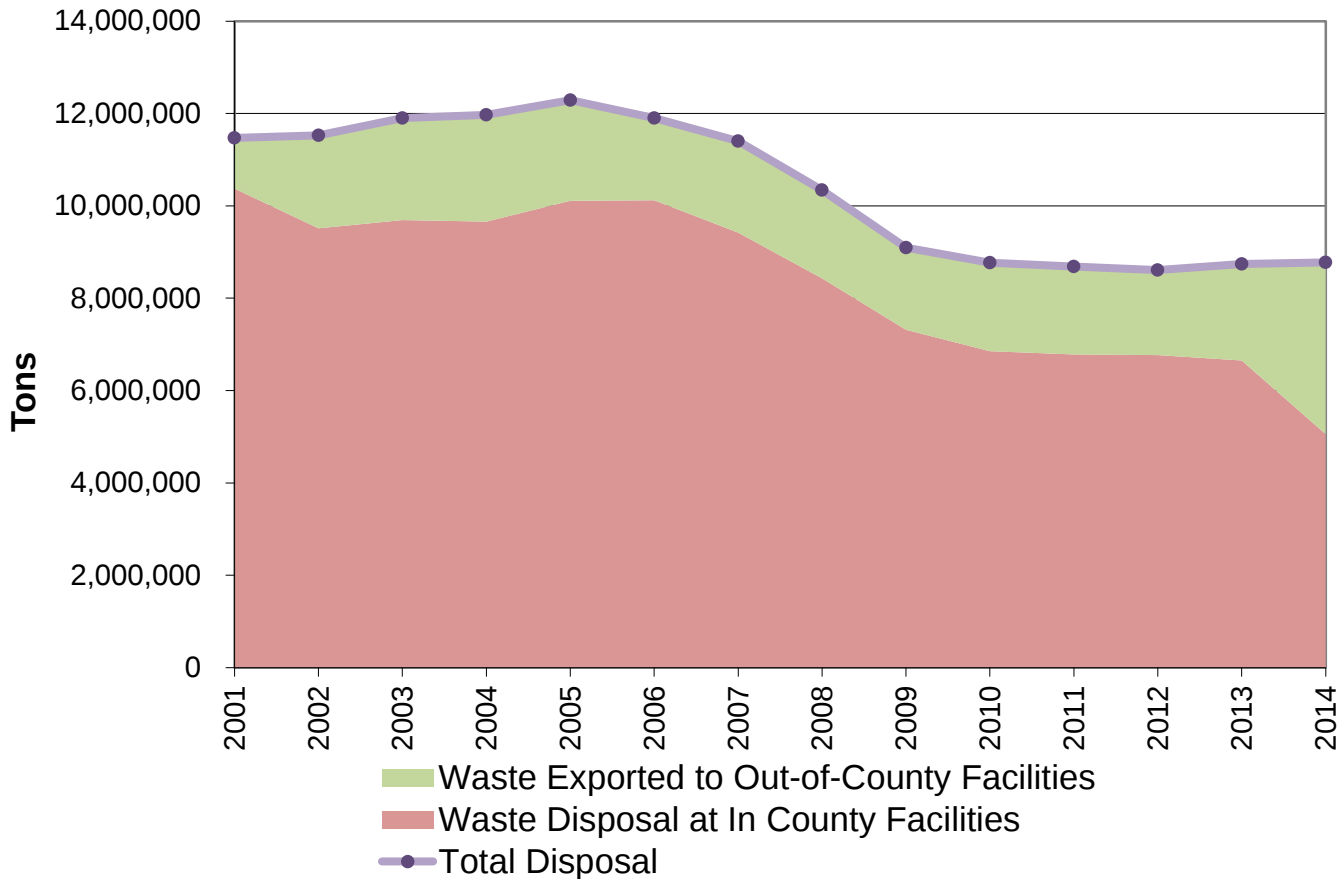
Proposed Expansions

- 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)

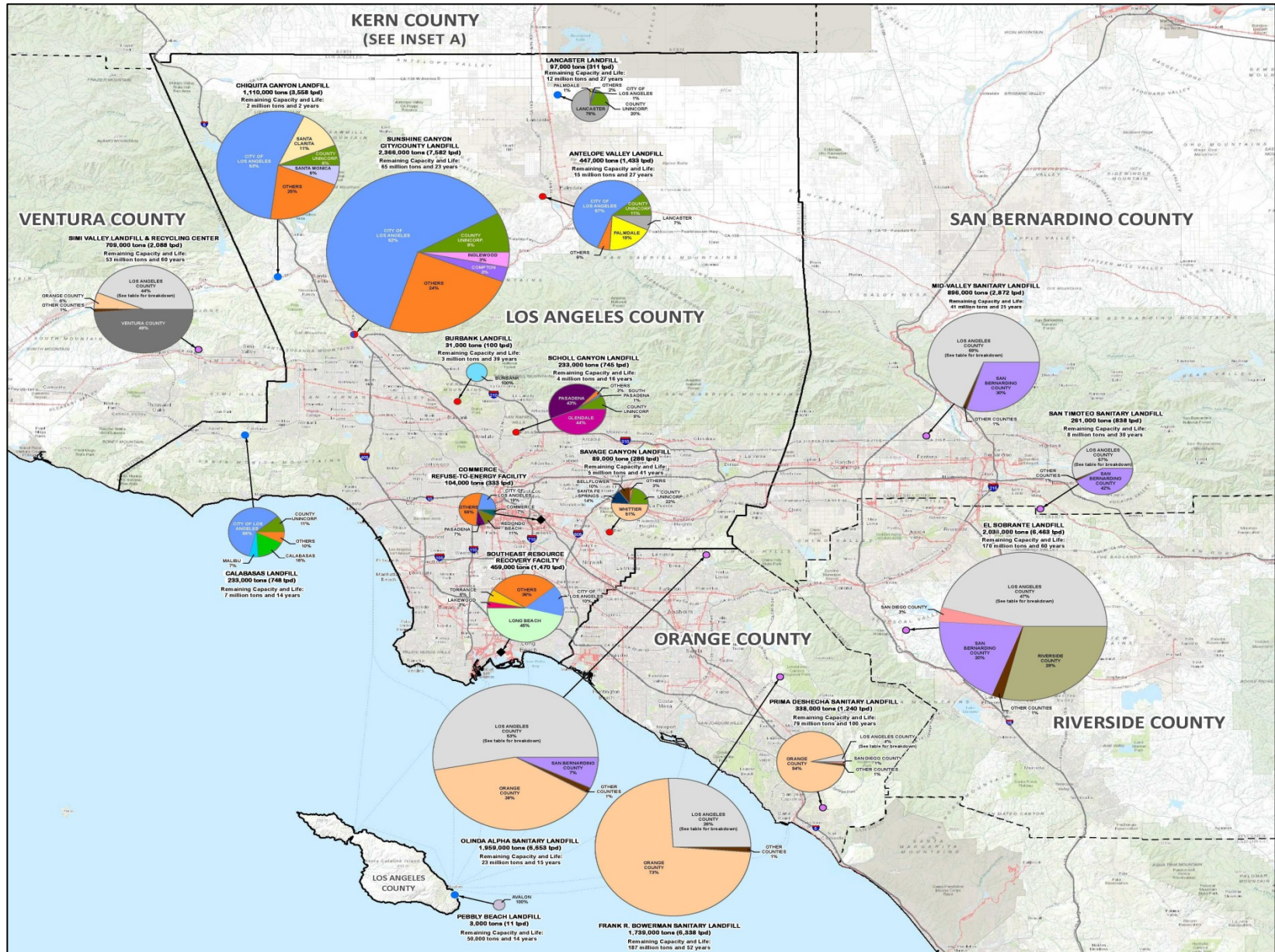
2014 Disposal Quantities



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 ¹	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	✓	✓	✓			

¹ 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.

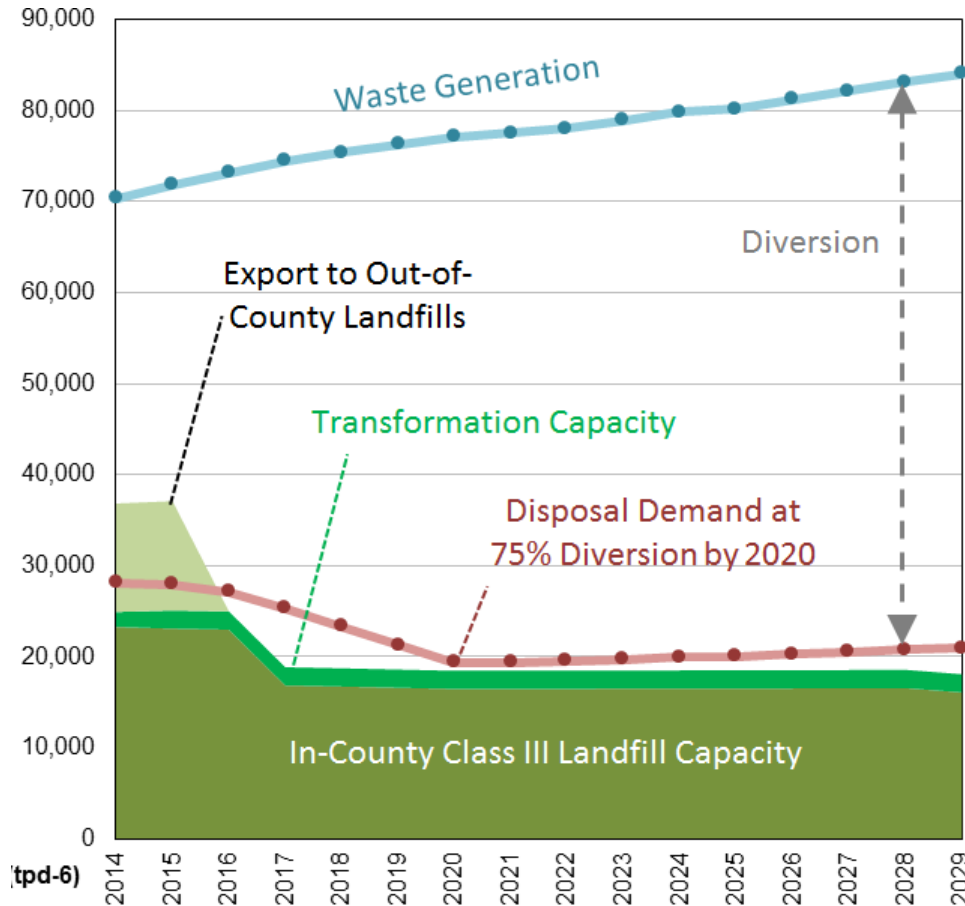
Disposal Capacity Need Analysis

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
IV Proposed In-County Landfill Expansions	✓	✓	✓	✓		
V Utilization of Alternative Technology Capacity	✓	✓	✓		✓	
VI Increase Exports to Out-of-County Landfills	✓	✓	✓			✓
VII All Options Considered Become Available	✓	✓	✓	✓	✓	✓

Scenario I

Existing Permitted In-County Capacity Only

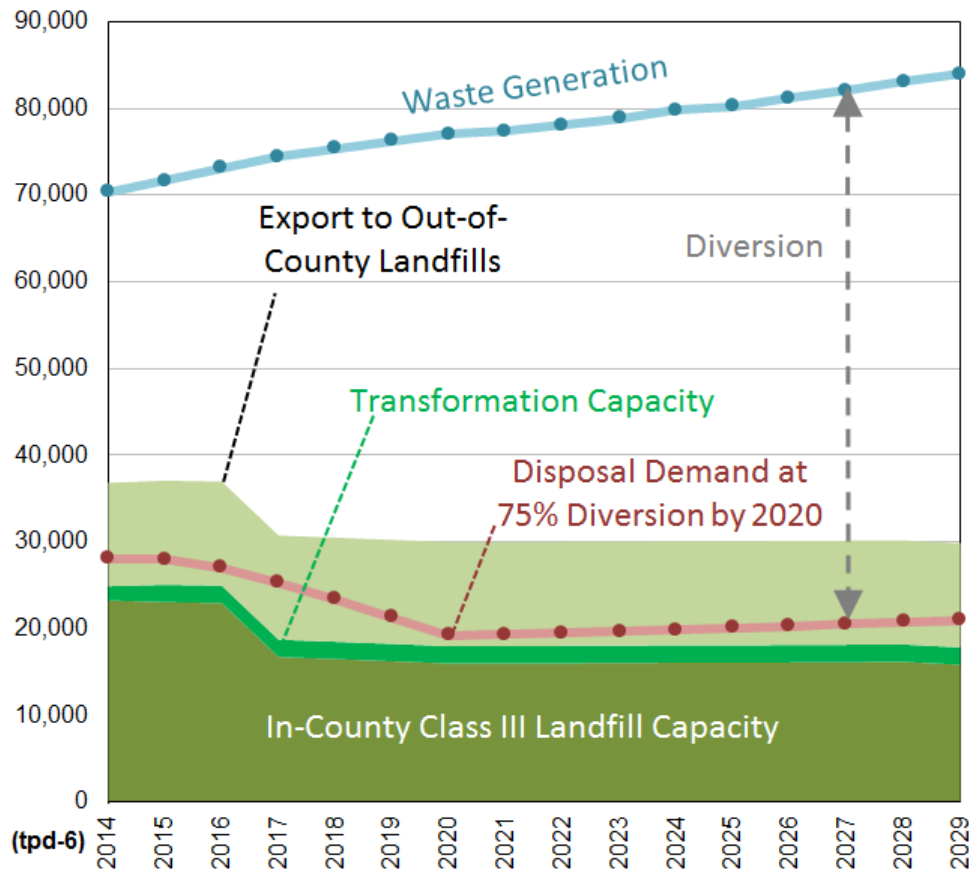


- Assumes 75 percent diversion rate by 2020
- Existing Permitted In-County disposal capacity only

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

Scenario II

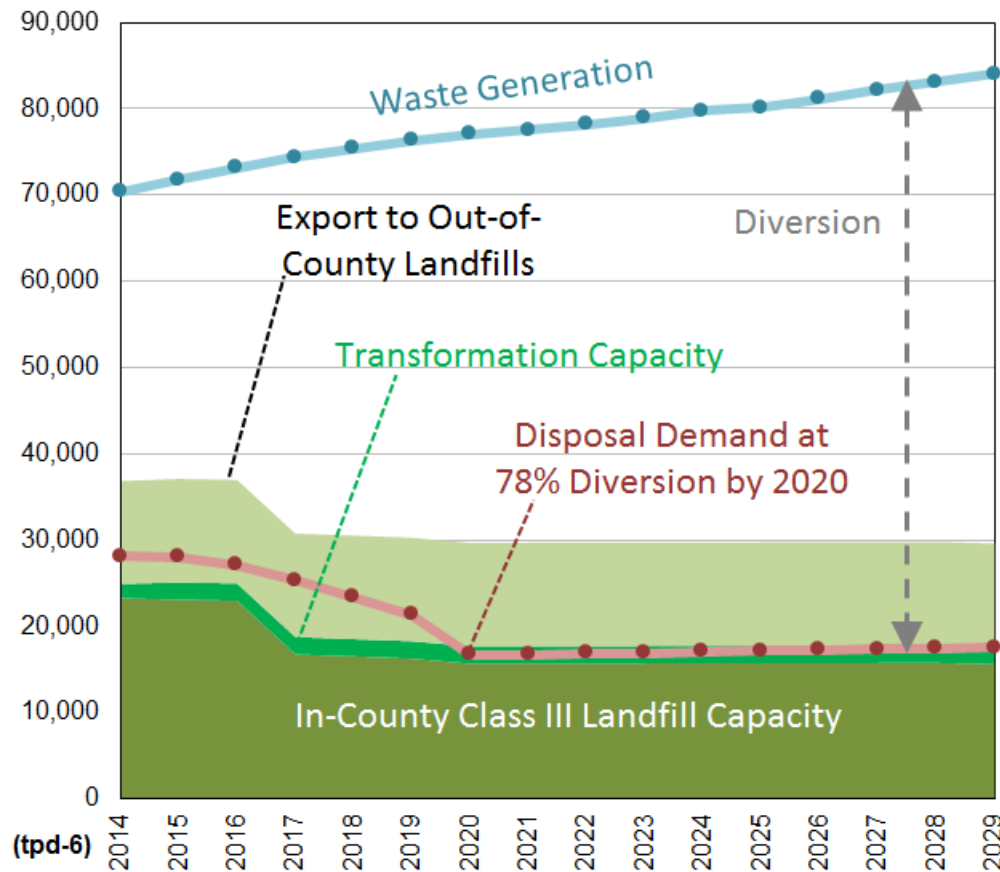
Status Quo



- 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

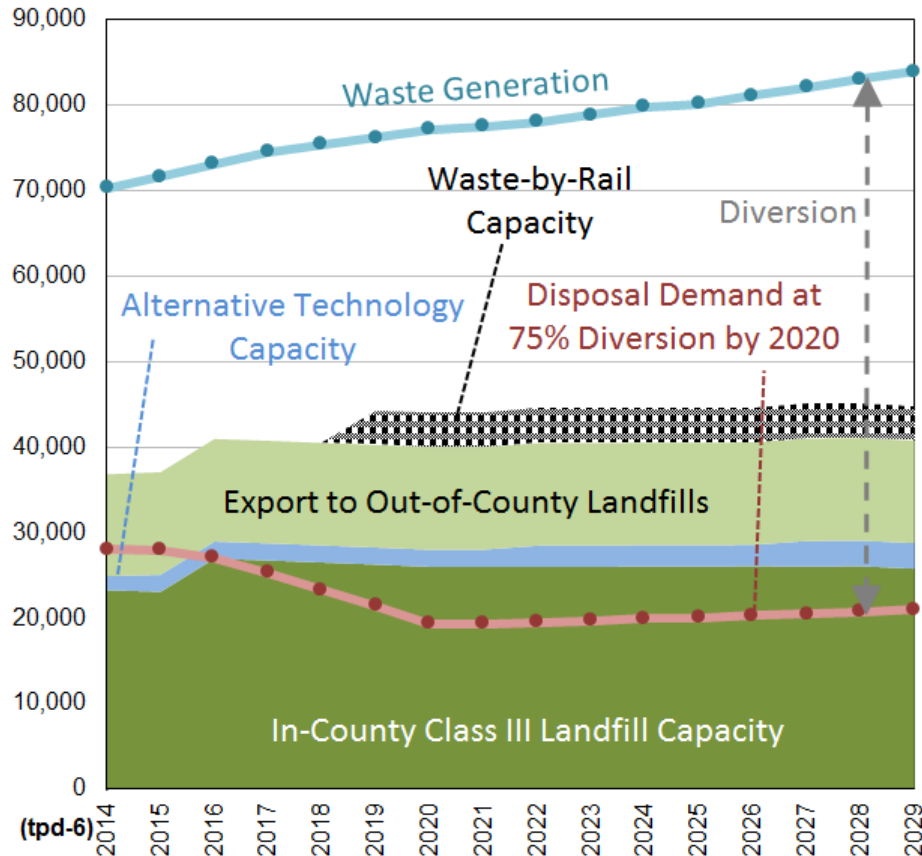
Meeting CalRecycle's Statewide Disposal Target of 2.7 PPD



- 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.

