

CalRecycle's

2014 Disposal-Facility-Based Characterization of Solid Waste in California

Presented by

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Overview

- Objectives of Study
- Study Methodology
- 2014 Statewide Characterization Results
- Comparison with 2008 Waste Characterization Results



Objectives of the Study

- To characterize and quantify the disposed waste at the statewide level
- To determine the changes needed to achieve California's 75 percent recycling goal
- Assessment of waste diversion activities
- Market development



Study Methodology

Regions Considered in the Study

Study Methodology Considered:

- Five Geographical Regions
- Three Main Waste Sectors



Study Methodology

Waste Sectors Considered in the Study

1. Franchised commercial
2. Franchised residential
Single family residential, and
Multi-family residential
3. Self-hauled
Commercial self-hauled, and
Residential self-hauled



Study Methodology

- **26** Facilities Sampled Statewide
(3 in Los Angeles County)
- **16** Additional Survey-Only Facilities Statewide
(3 in Los Angeles County)
- **754** Samples Statewide (Average 29 per facility)
- **7245** Surveys Statewide (Average 172 per facility)



Study Methodology

Participating **Sampling** Facilities in Los Angeles County

Facility	Sampling Seasons
Lancaster Landfill and Recycling Center	Winter/Summer
Calabasas Landfill	Winter/Summer
Chiquita Canyon Landfill	Spring/Fall

Participating **Survey-Only** Facilities in Los Angeles County

Season	Survey Day	Survey Season
Central Los Angeles Recycling and Transfer Station	5/8/14	Spring
Sunshine Canyon Landfill	7/30/14	Summer
American Waste Transfer Station	10/31/14	Fall

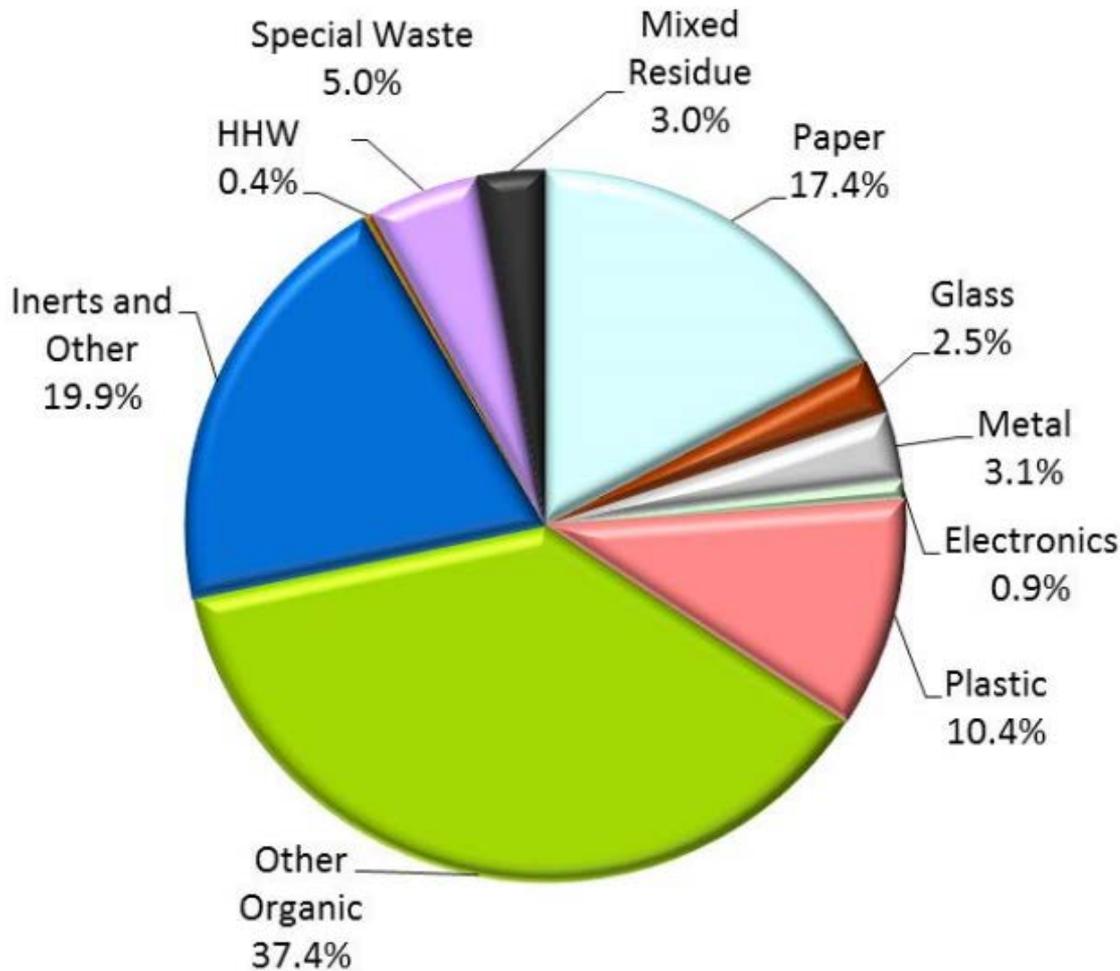


Overview of California's Overall Disposed Waste Stream

Sector	Disposed Waste (Est.)	Disposed Waste (Est.)
	2008	2014
Franchised Commercial	49.6%	38.6%
Franchised Residential	30.0%	47.0%
Single-family residential	21.6%	35.4%
Multi-family residential	8.4%	11.6%
Self-Hauled	20.4%	14.4%
Commercial self-hauled	17.1%	11.3%
Residential self-hauled	3.3%	3.1%
Totals	100.0%	100.0%

- Drastic change in the Southern Region’s residential and commercial disposal since the 2008 study
- More data are still being collected from the Southern Region.

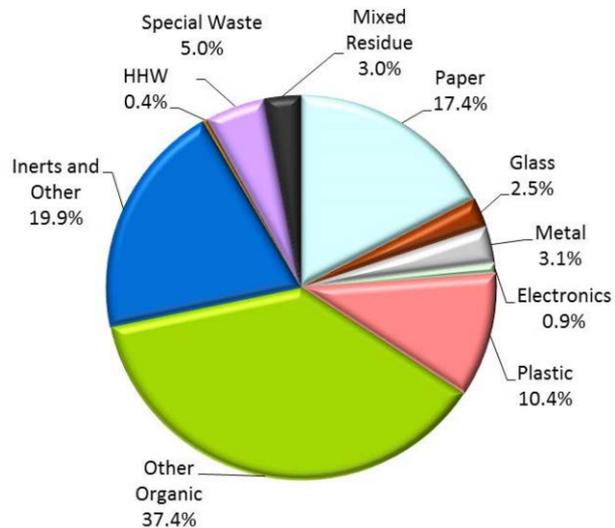
2014 California's Overall Disposed Waste Stream



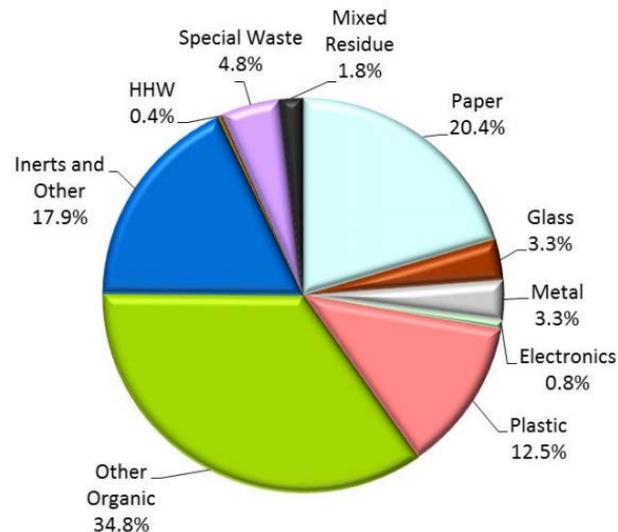
Material Class	Est. Percent
Paper	17.4%
Glass	2.5%
Metal	3.1%
Electronics	0.9%
Plastic	10.4%
Other Organic	37.4%
Inerts and Other	19.9%
HHW	0.4%
Special Waste	5.0%
Mixed Residue	3.0%
Total	100%

2014 Statewide Characterization Results

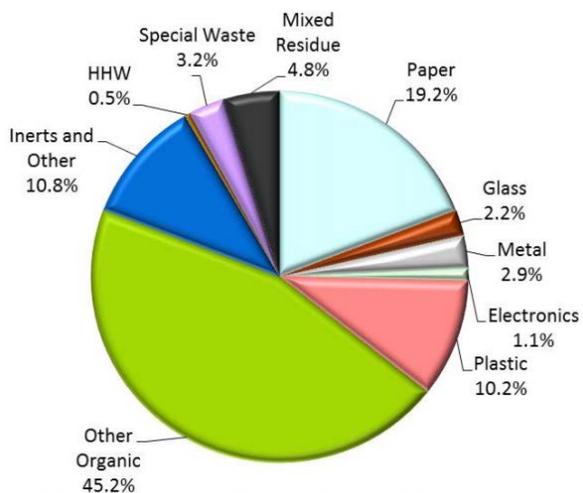
California's Overall Disposed Waste Stream



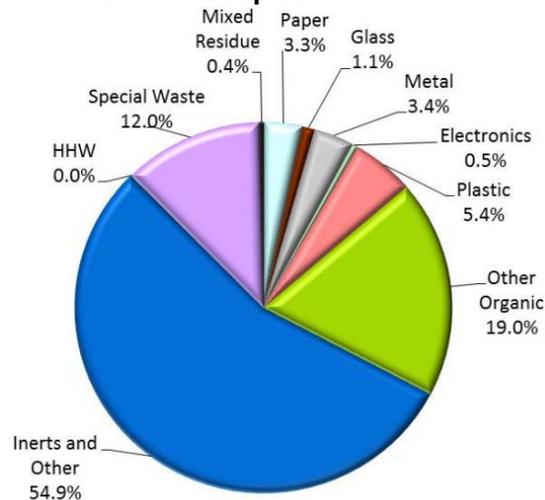
Franchised Commercial Disposed Waste Stream



Franchised Residential Disposed Waste Stream

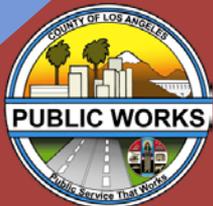


Self-Hauled Disposed Waste Stream



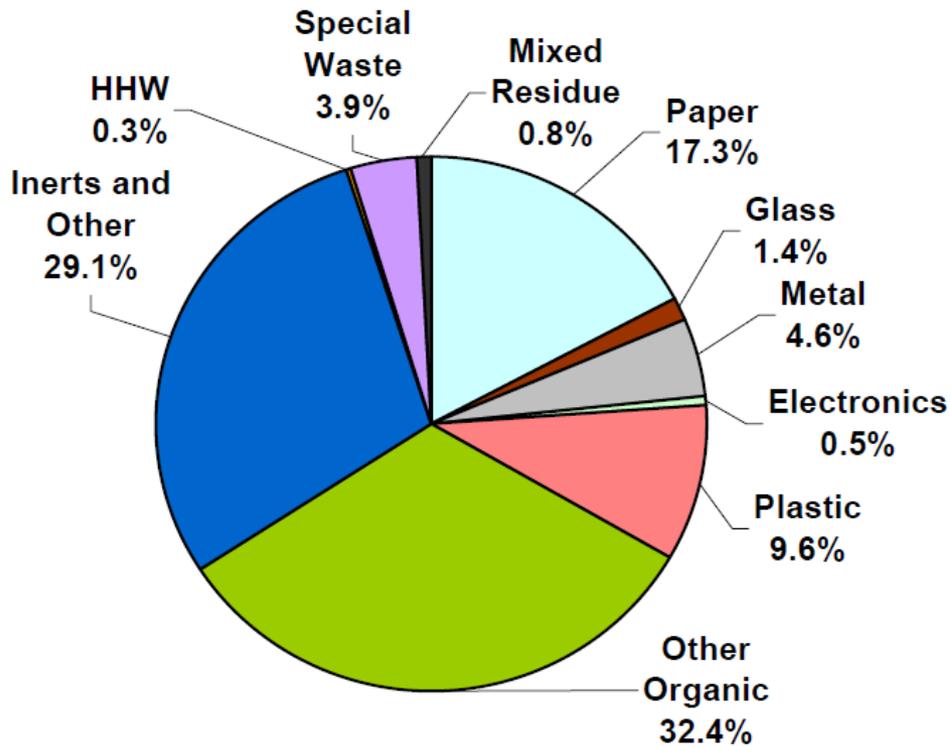
Ten Most Prevalent **Material Types** in California's Overall Disposed Waste Stream

Material	Estimated Percent	Cumulative Percent	Estimated
			Tons
Food	18.1%	18.1%	5,591,179
Lumber	11.9%	30.0%	3,676,710
Remainder/Composite Paper	7.5%	37.6%	2,325,048
Bulky Items	4.4%	42.0%	1,365,340
Remainder/Composite Organic	4.3%	46.3%	1,323,465
Textiles	4.0%	50.3%	1,234,711
Other Miscellaneous Paper	3.9%	54.2%	1,215,919
Leaves and Grass	3.8%	58.0%	1,172,925
Uncoated Corrugated Cardboard	3.1%	61.1%	964,942
Prunings and Trimmings	3.1%	64.3%	962,262
Total	64.30%		19,832,501

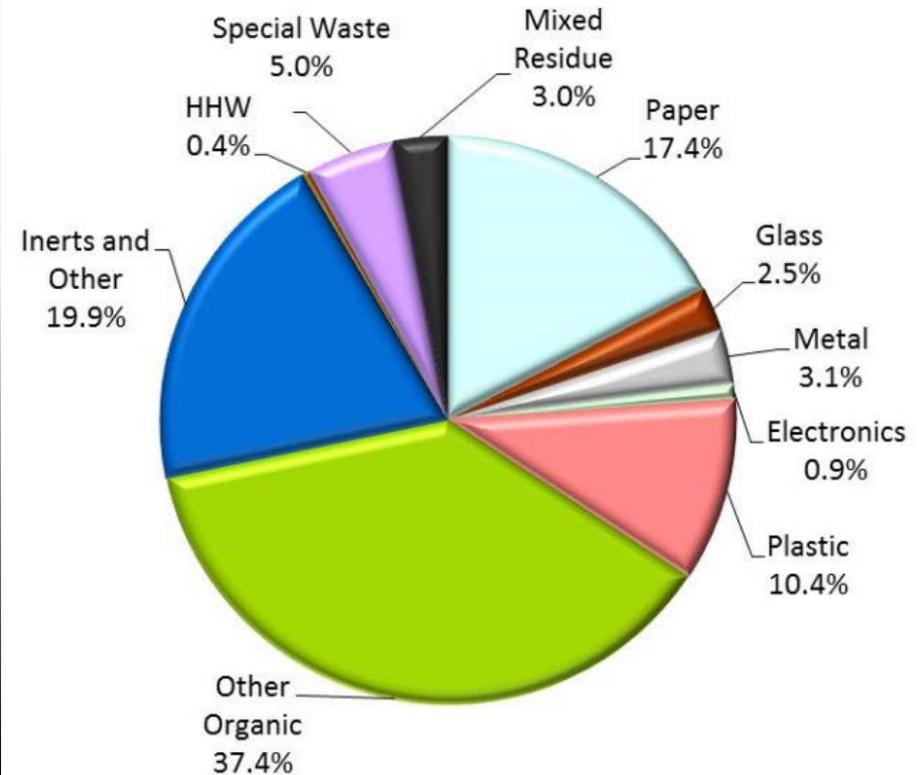


Comparison with 2008 Statewide Waste Characterization Data

2008 California's Overall Disposed Waste Stream



2014 California's Overall Disposed Waste Stream



Thank You

A complete Copy of this Report is available at CalRecycle's Website at :

<http://www.calrecycle.ca.gov/Publications/Detail.aspx?PublicationID=1546>

