

# Zero Waste Division Metrics



**Zero Waste Commission**

October 22, 2018

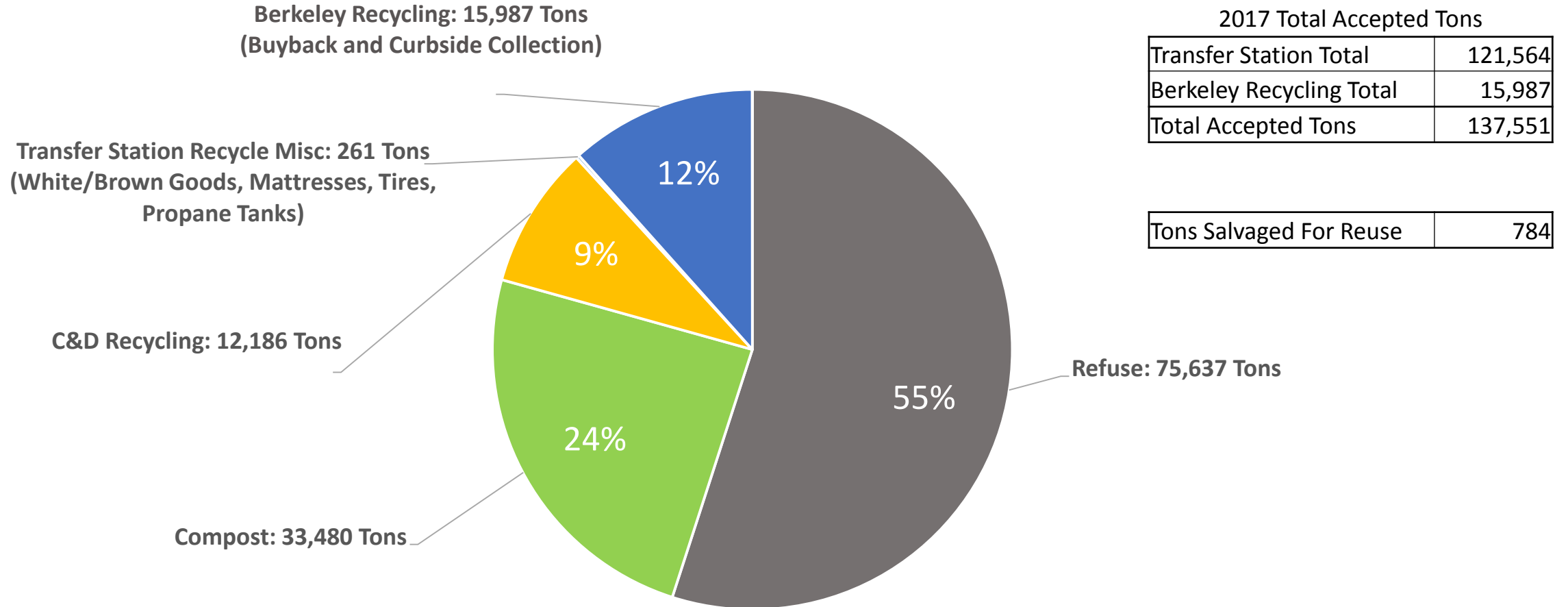
# Agenda

- 2017 Berkeley Tonnage by Material Type
- Tonnage Trends
- Waste Generation by Sector (Who Generates Trash in Berkeley)
- Waste Composition (What's in the Trash)
- Data Collection & Accuracy Improvements
- Q&A



# Berkeley 2017 Tonnage By Material Type

2017 Berkeley Transfer Station & Berkeley Recycling Inbound Tonnage



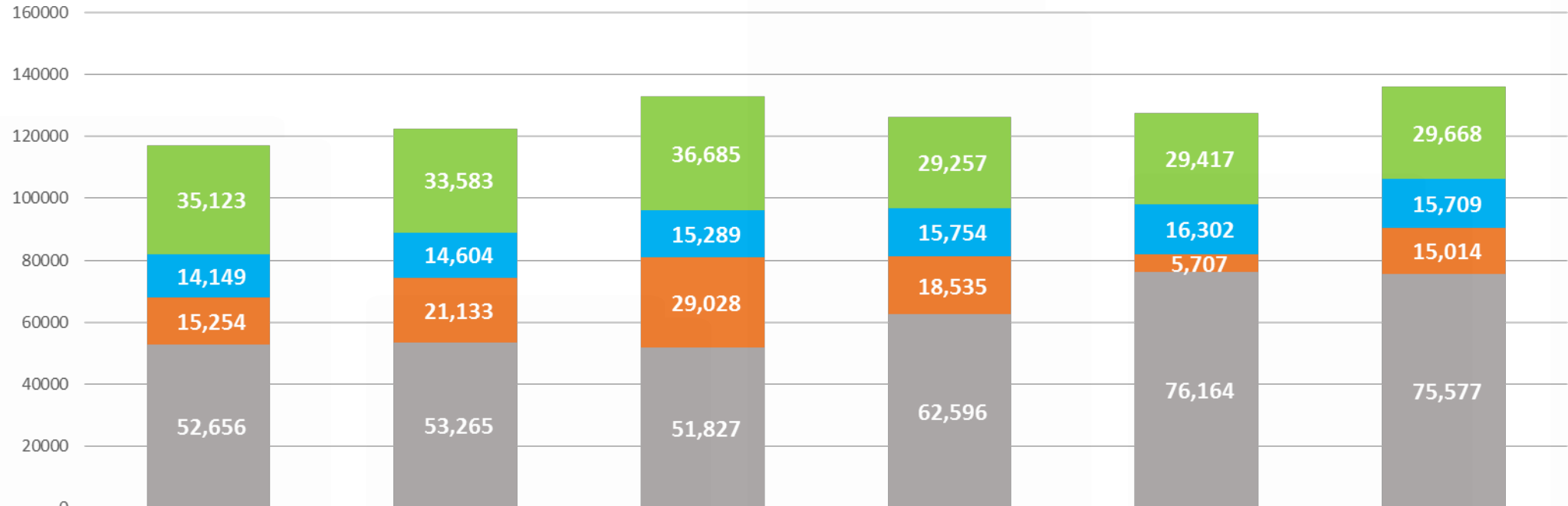
Note: Tonnage includes all inbound material, including from other Jurisdictions. Does not include Berkeley origin material hauled to other facilities

# Berkeley Transfer Station 2017 Tonnage By Jurisdiction Of Origin

Jurisdiction of Origin	Landfill Tons	Compost Tons	C&D Tons
Alameda City	157	36	104
Alameda County	13	3	6
Albany	663	125	316
<b>Berkeley</b>	<b>62,751</b>	<b>30,939</b>	<b>8,978</b>
Contra Costa County	111	24	24
El Cerrito	739	232	271
El Sobrante	95	22	19
Emeryville	422	35	85
Hercules	443	48	127
Kensington	118	65	69
Oakland	6,184	977	1,298
Other	893	261	179
Piedmont	171	56	105
Pinole	106	32	16
Richmond	1,798	300	275
San Francisco	236	68	83
San Pablo	202	38	26
Walnut Creek	536	219	206
<b>TOTAL ALL JURISDICTIONS</b>	<b>75,637</b>	<b>33,480</b>	<b>12,186</b>
<b>BERKELEY ORIGIN</b>	<b>62,751</b>	<b>30,939</b>	<b>8,978</b>
<b>PERCENTAGE BERKELEY ORIGIN</b>	<b>83%</b>	<b>92%</b>	<b>74%</b>

# Berkeley Tonnage Trends – The Four Heavies

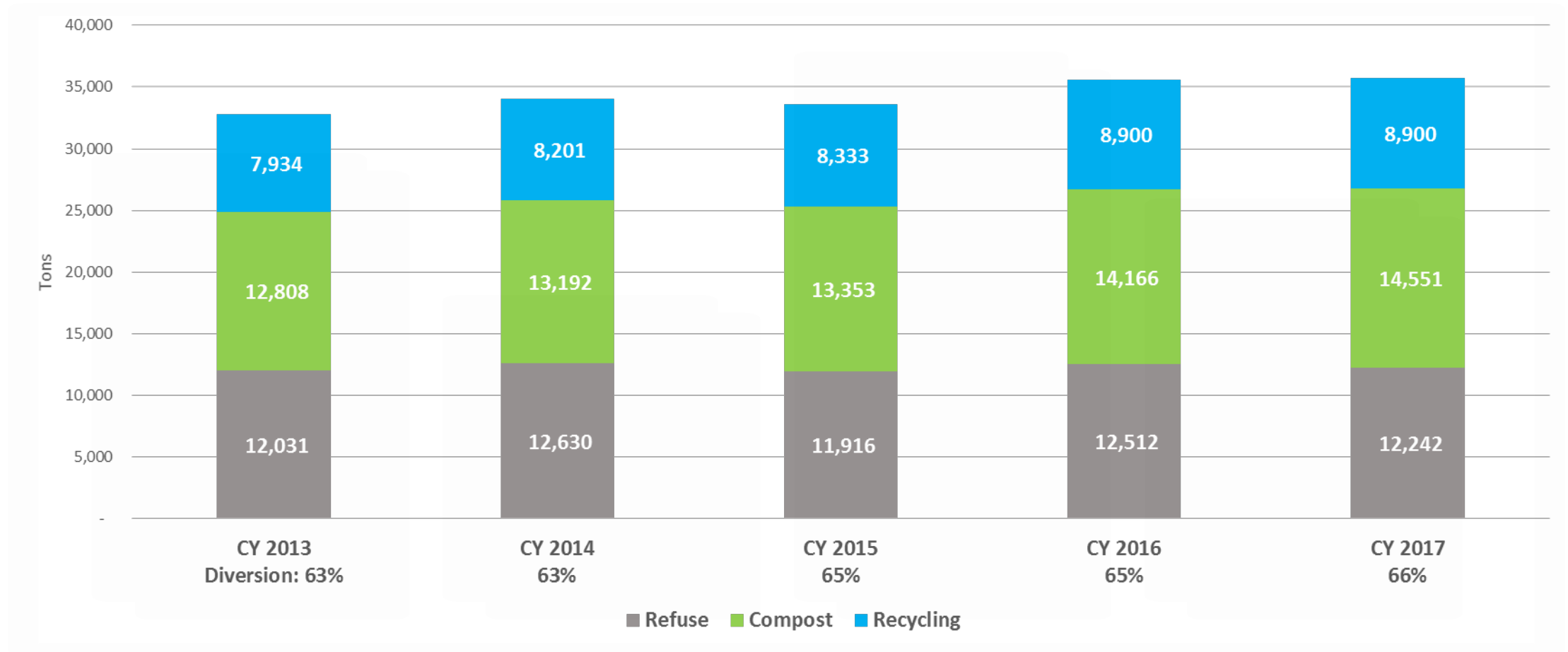
## Materials Delivered to Berkeley Transfer Station & Berkeley Recycling



	FY 2013 Total Tons: 117,181	FY 2014 Total Tons: 122,584	FY 2015 Total Tons: 132,830	FY 2016 Total Tons: 126,142	FY 2017 Total Tons: 127,590	FY 2018 Total Tons: 135,968
Organics	35,123	33,583	36,685	29,257	29,417	29,668
Recycling - CCC	14,149	14,604	15,289	15,754	16,302	15,709
Recycling - C&D	15,254	21,133	29,028	18,535	5,707	15,014
Landfill	52,656	53,265	51,827	62,596	76,164	75,577

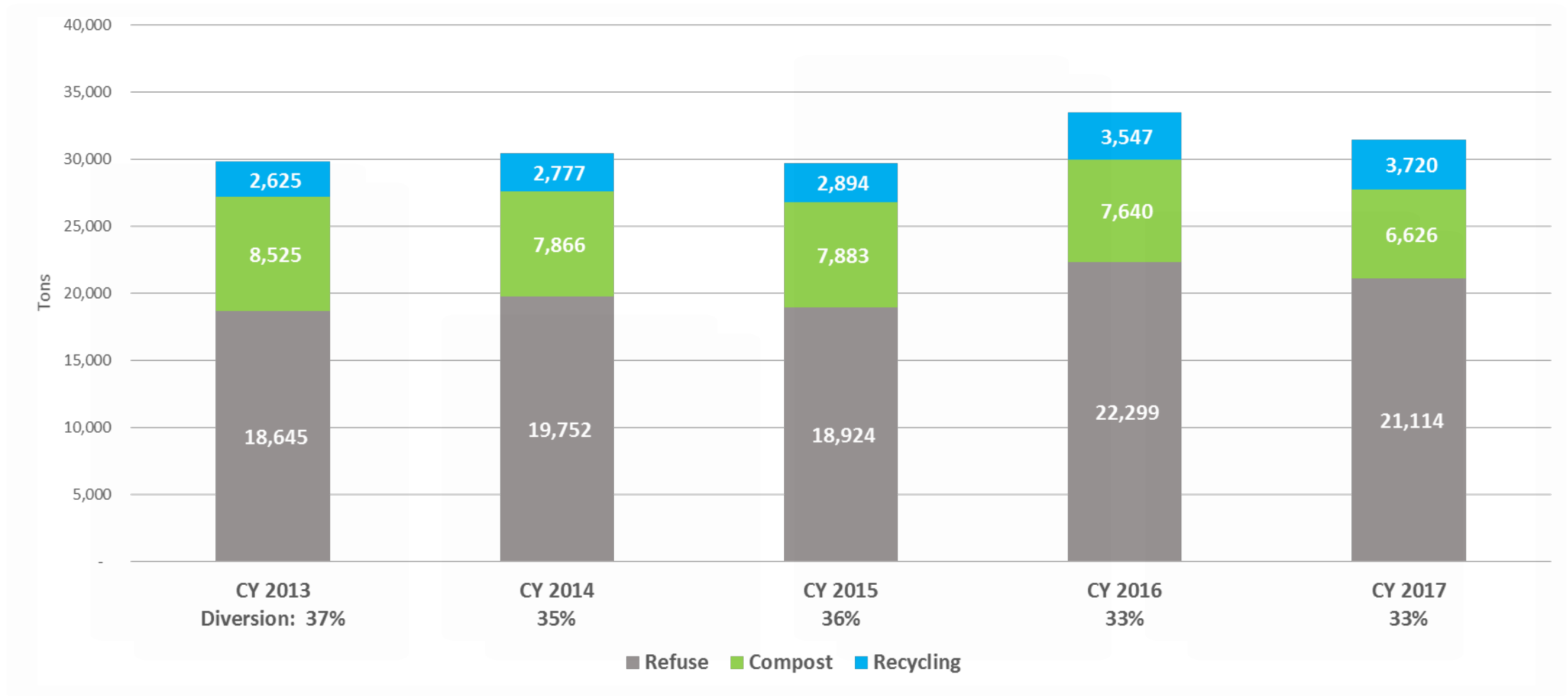
■ Landfill ■ Recycling - C&D ■ Recycling - CCC ■ Organics

# Residential Curbside Collection



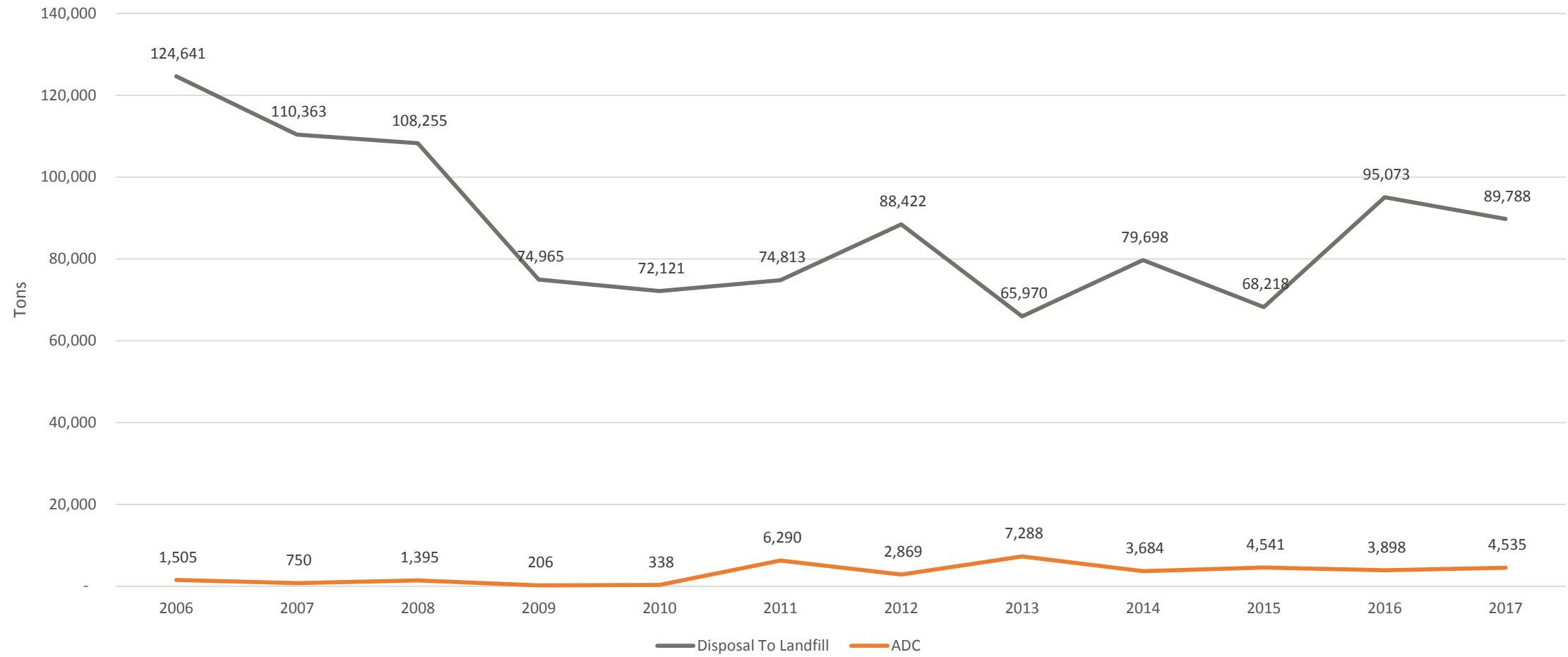
Note: Residential refuse includes Bulky Item Collection ~275 tons/year

# Commercial Curbside Collection



Note: Data does not include non-exclusive franchise hauler tonnage. Estimated franchise collection: Refuse: 3,480 tons; Recycling: 1,836 tons. Commercial tonnage includes larger MFDs.

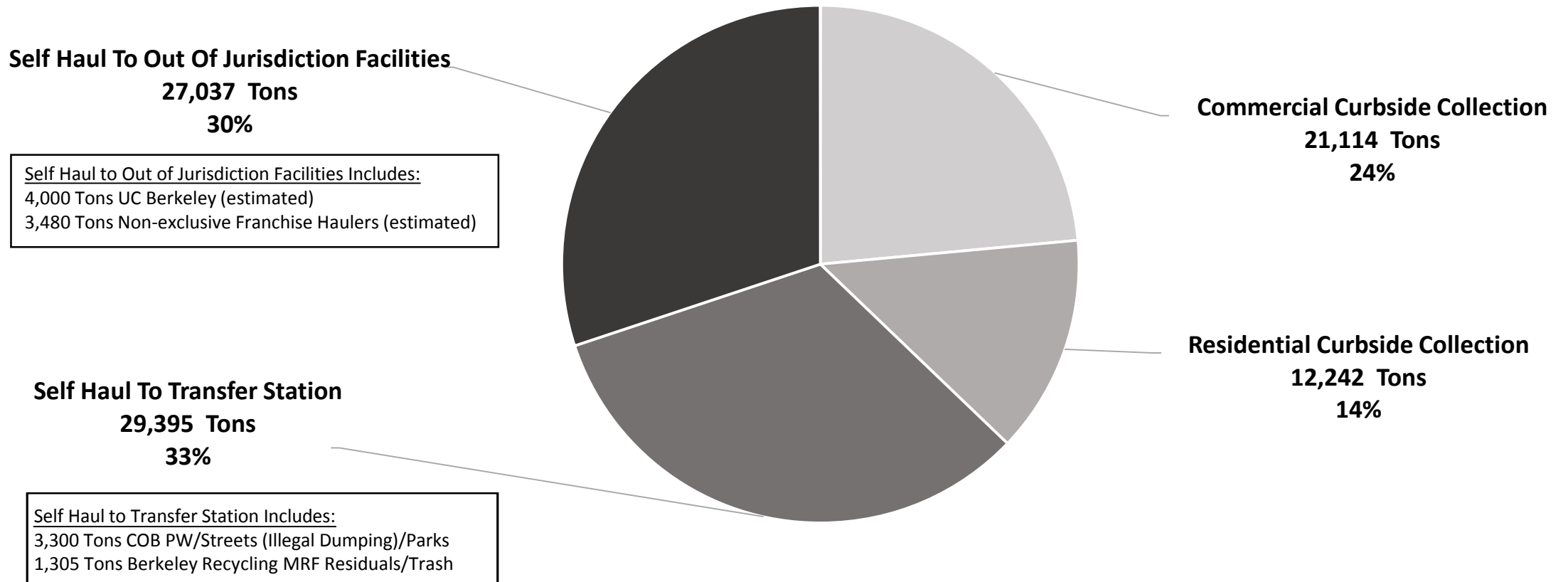
# State Disposal Reporting – Berkeley Origin Landfill Tonnage





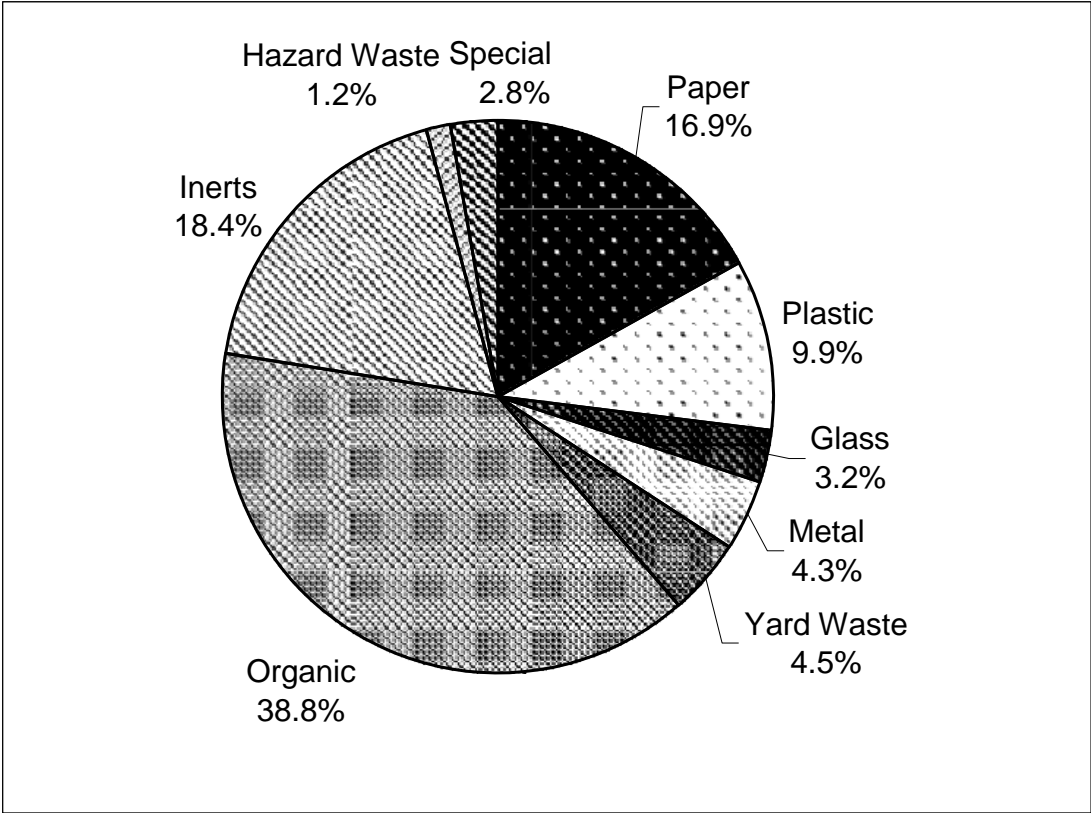
# Waste Generation by Sector (Who Generates Trash in Berkeley)

**2017 Total Berkeley Origin Landfilled Tons: 89,788**



# Waste Composition (What's In Our Trash)

2008 City of Berkeley Waste Composition



Note: Waste Characterization Conducted by ACWMA (StopWaste.org)

# Data Collection & Accuracy Improvements

- Internal Zero Waste Division Improvements
  - Transfer Station Scale House Reporting Accuracy
  - Commercial Service Expansion –Non-exclusive Franchise Collection Ended March 2018
  - Zero Waste Management Software System
- AB901 – State Disposal Reporting System Modifications
- SB1383 – Organics & Edible Food Diversion From Landfill
- RCI Certification For C&D Processing Facilities
- Future considerations:
  - Consumption-Based vs. Emissions-Based GHG Inventory

# Questions?

Heidi Obermeit, Recycling Program Manager  
Public Works Department, Zero Waste Division

510-981-6357

[hobermeit@cityofberkeley.info](mailto:hobermeit@cityofberkeley.info)