



City of Berkeley ZERO WASTE COMMISSION Regular Meeting

Thursday, February 15, 2024 at 5:30 p.m.
City of Berkeley Corporation Yard (Ratcliff Building, Willow Room)
1326 Allston Way, Berkeley, CA, 94702

MEETING AGENDA

PRELIMINARY MATTERS:

- 5:30 pm 1. Call to Order by Chair and Roll Call by Secretary
- **Steven Sherman (Chair)**, appointed by CM Rashi Kesarwani, District 1
 - **Christienne de Tournay (Vice Chair)**, appointed by CM Sophie Hahn, District 5
 - **Corey Busay**, appointed by Mayor Jesse Arreguin
 - **Rhea Grover**, appointed by CM Terry Taplin, District 2
 - **VACANT**, appointed by CM Ben Bartlett, District 3
 - **VACANT**, appointed by CM Kate Harrison, District 4
 - **Sandra Curtis**, appointed by CM Susan Wengraf, District 6
 - **Swasti Johri**, appointed by CM Rigel Robinson, District 7
 - **VACANT**, appointed by CM Mark Humbert, District 8
- 5:35 pm 2. Approve Meeting Agenda and Order of Agenda Items
- 5:40 pm 3. Approve Draft Action Minutes:
- January 18, 2024 Regular Meeting*
- 5:45 pm 4. Public Comment on Items Not on the Agenda
Speakers are allotted up to two minutes. Speakers may be allotted less time at the discretion of the Chair.
- 5:55 pm 5. Commissioner Announcements
Commissioners may make general announcements; no action will be taken.
- 6:00 pm 6. Staff Updates:
- Progress on SB-1383 Implementation
 - SUDs Ordinance Enforcement
 - Tours of the Transfer Station for Commissioners
 - Zero Waste Campaign Messaging Updates

DISCUSSION AND ACTION ITEMS:

Members of the public may provide comments at the end of each discussion item and prior to the vote of the Commission on any action items. Speakers are allotted up to 2 minutes.

- 6:15 pm 1. Chair and Vice Chair Annual Elections

Internal

- 6:30 pm 2. Report out from the Special Events Subcommittee and Green Building Subcommittee
- 6:50 pm 3. Discuss Reusable Takeout-ware Programs and Supporting Partnerships Between Businesses with Dishwashers
- 7:10 pm 4. Discuss Legislative Updates
- 7:20 pm 5. Discuss Future Agenda Items
- 7:30 pm 6. Adjournment

INFORMATION ITEMS:

Information items may be moved to discussion but no action will be taken.

1. SB 54 Information: [California moves forward with landmark plastic waste reduction law](#)
2. In late December, CalRecycle released the first full set of [draft SB 54 regulations](#), [Covered Material Categories \(CMC\) List](#), and a [SB 54 Report to the Legislature](#). Additional documents released include the [SB 343 Preliminary Findings Report](#) and a [Covered Material Categories supplemental document](#).

COMMUNICATIONS:

Communications from the public are included as links or attachments in the agenda packet.

1. *Berkeley Zero Waste Plan Update Presentation by Abbe & Associates

***Indicates material included in the agenda packet**

**** Indicates material to be available at the meeting**



ADA Disclaimer: This meeting is being held in a wheelchair-accessible location. To request a disability-related accommodation(s) to participate in the meeting, including auxiliary aids or services, please contact the Disability Services Specialist at 981-6418 (V) or 981-6347 (TDD) at least three business days before the meeting date. Please refrain from wearing scented products to this meeting.

SB 343 Disclaimer:

Any writings or documents provided to a majority of the Commission regarding any item on this agenda will be made available for public inspection at the Public Works Department located at the address below.

Communications Disclaimer:

Communications to Berkeley boards, commissions or committees are public record and will become part of the City's electronic records, which are accessible through the City's website. Please note: e-mail addresses, names, addresses, and other contact information are not required, but if included in any communication to a City board, commission or committee, will become part of the public record. If you do not want your e-mail address or any other contact information to be made public, you may deliver communications via U.S. Postal Service or in person to the secretary of the relevant board, commission or committee. If you do not want your contact information included in the public record,

Internal

please do not include that information in your communication. Please contact the secretary to the relevant board, commission or committee for further information.

Commission Secretary:

Julia A. Heath, Recycling Program Manager,
Zero Waste Division, 1201 Second St. Berkeley, CA 94710
510-981-6357

jheath@berkeleyca.gov

**If you're not for Zero Waste...
how much waste are you for?**



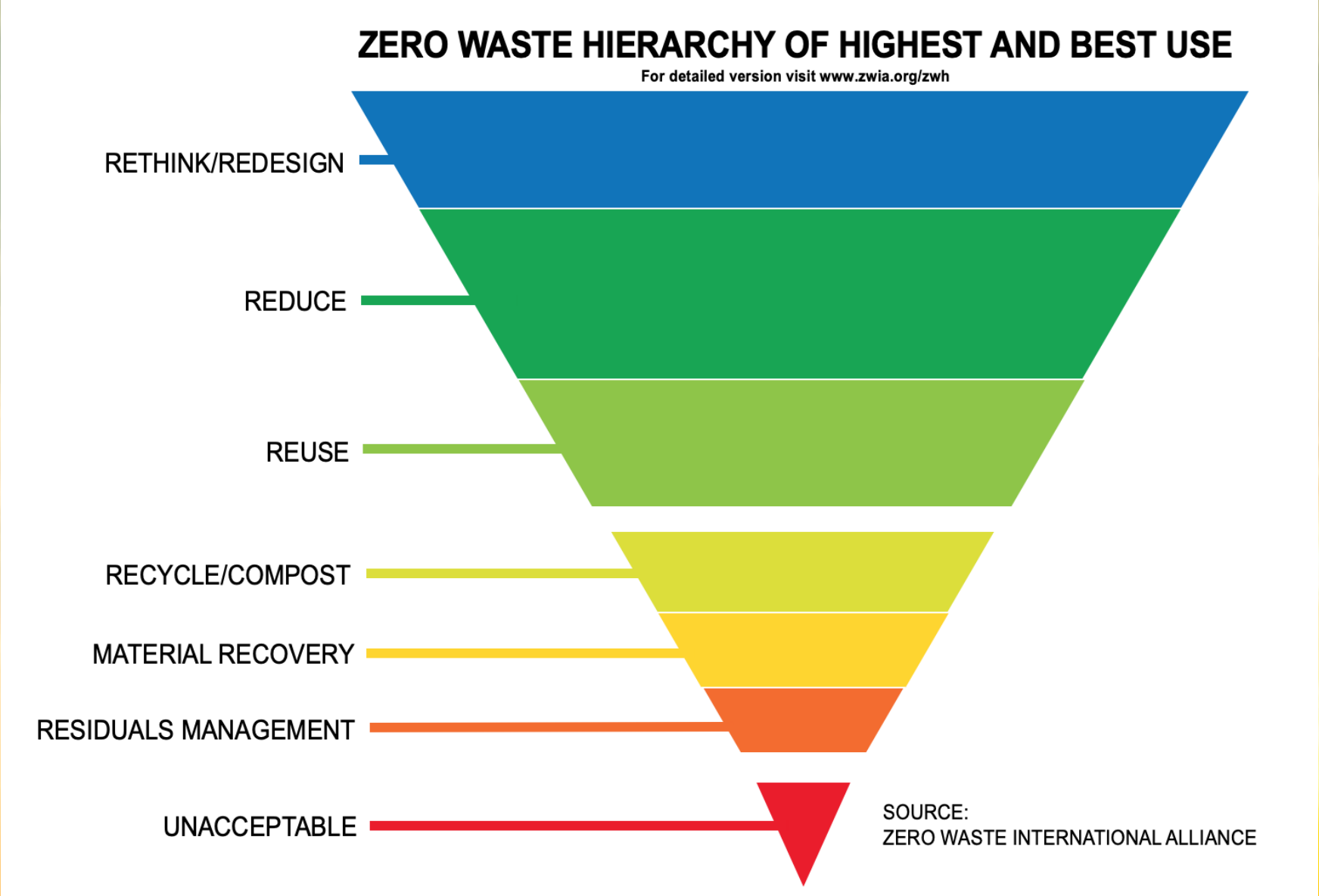
What is Zero Waste?

International Peer-Reviewed Definition of Zero Waste

Zero Waste is the conservation of all resources by means of responsible production, consumption, reuse and recovery of products, packaging and materials without burning and with no discharges to land, water, or air that threaten the environment or human health.

-- Zero Waste International Alliance (zwia.org)

What is Zero Waste?



Zero Waste Plan Schedule

	Task	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May
	Project Management Meetings	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★
1	Review Current Policies & Programs		▲														
2	Materials Composition Study						▲						▲				
3	Operations Review													▲			
4	Outreach & Stakeholder Engagement	Stakeholder interviews/Listening sessions ★															
5	Facility Feasibility Study Integration													▲			
6	Policy & Program Analysis												▲				
7	Education Program Recommendations												▲				
8	Staffing Analysis												▲				
9	Financial Analysis												▲		▲		
10	Draft Zero Waste Strategic Plan															▲	
11	Final Zero Waste Stratetic Plan																▲
	Meetings ★																
	Deliverables ▲																

Generator Sectors

Residential

- Single-family 1-4 units
- Multifamily 5-9 units

Commercial

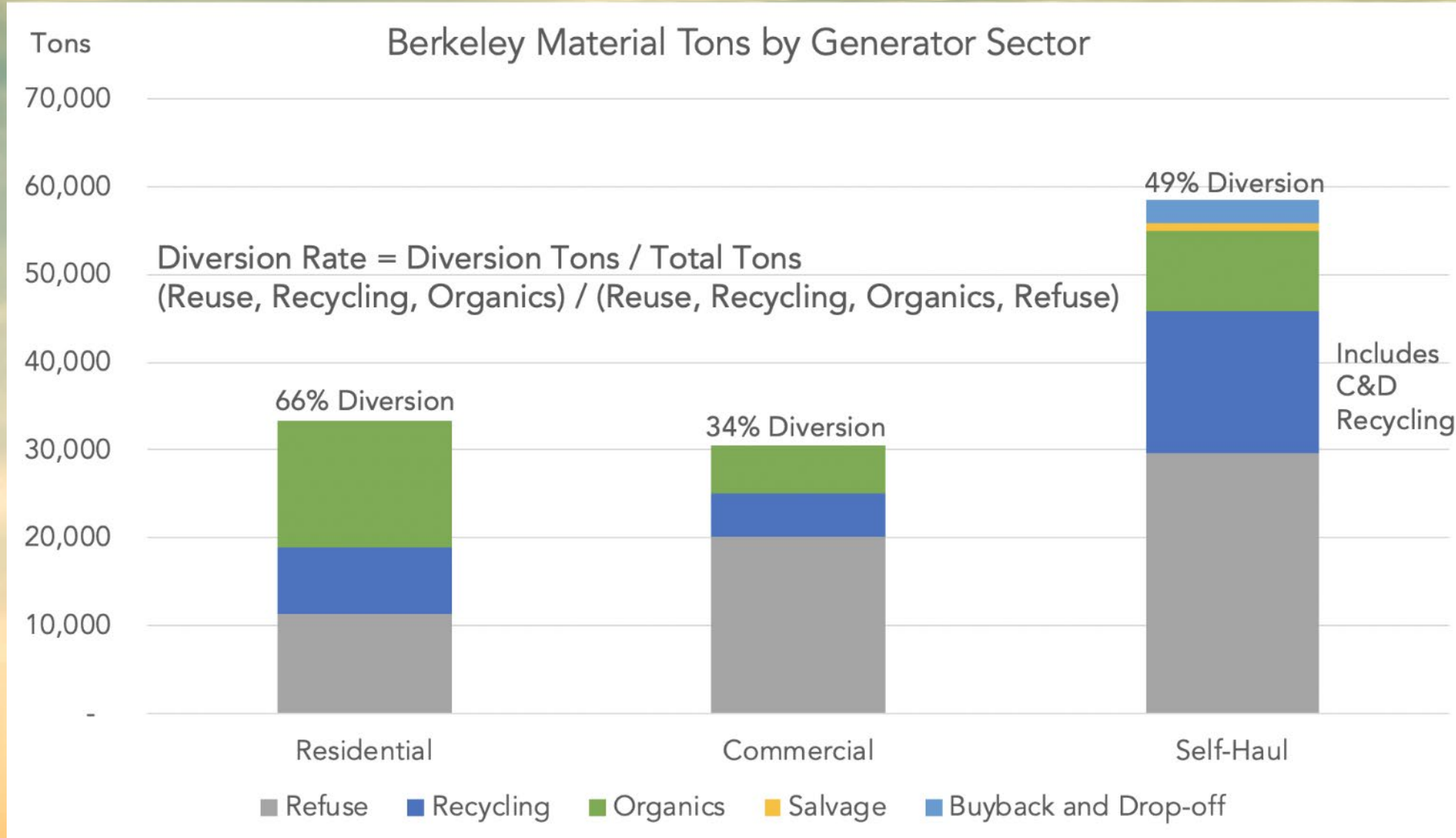
- Businesses & Institutions
- Multifamily 10+ units

Self-Haul

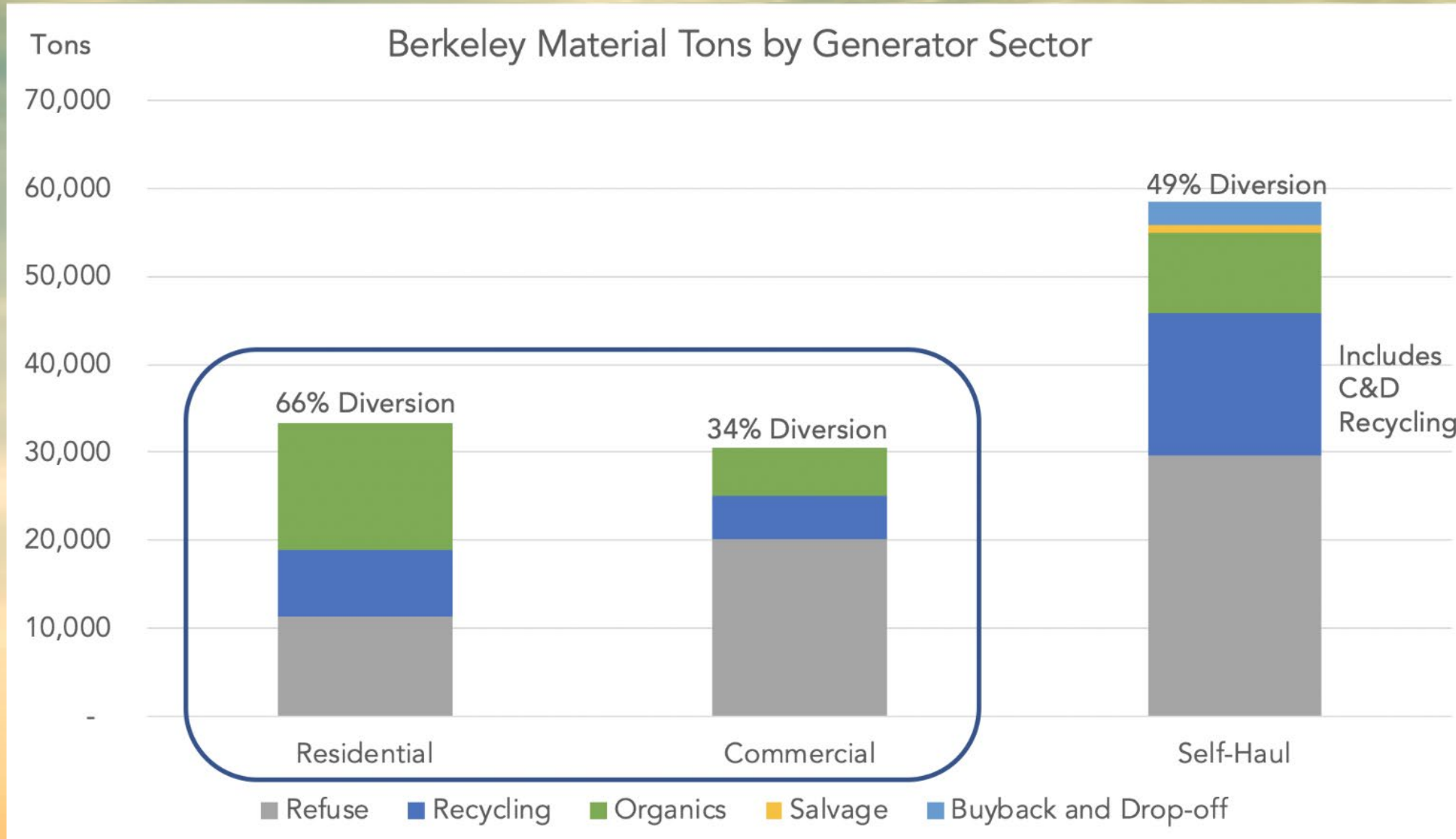
- Landscapers
- Construction & Demolition
- Contractors, Junk Removal
- Recycling Center Customers



Material Tons by Generator Sector



Material Tons by Generator Sector



Characterization Study – Recoverability

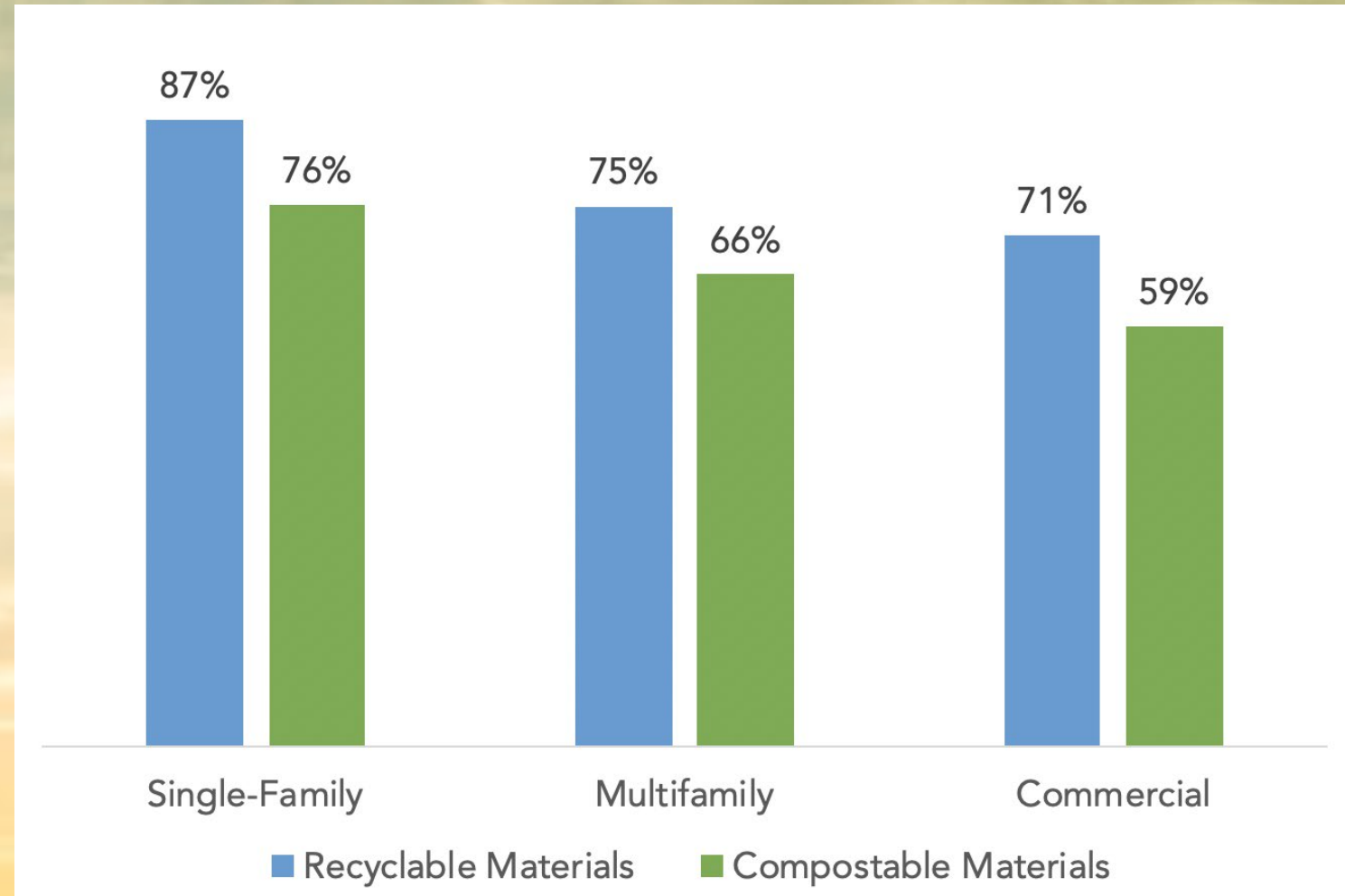
Materials were sorted into 113 material types. To help identify additional diversion opportunities, each of these 113 types was classified into one of five recoverability groups.

Index Category	Description	Examples
Recyclable	Acceptable in the City's current recycling collection program	Paper Glass bottles
Compostable	Acceptable in the City's current organics collection program	Food Plant debris
Problem Materials	Not currently marketable and must currently be landfilled	Composite materials Diapers
Dispose Elsewhere	Not appropriate for recycling, organics or refuse cart or bin, but should be handled appropriately elsewhere	Pharmaceuticals Electronics Hazardous materials Scrap metal

Characterization Study – Capture Rates

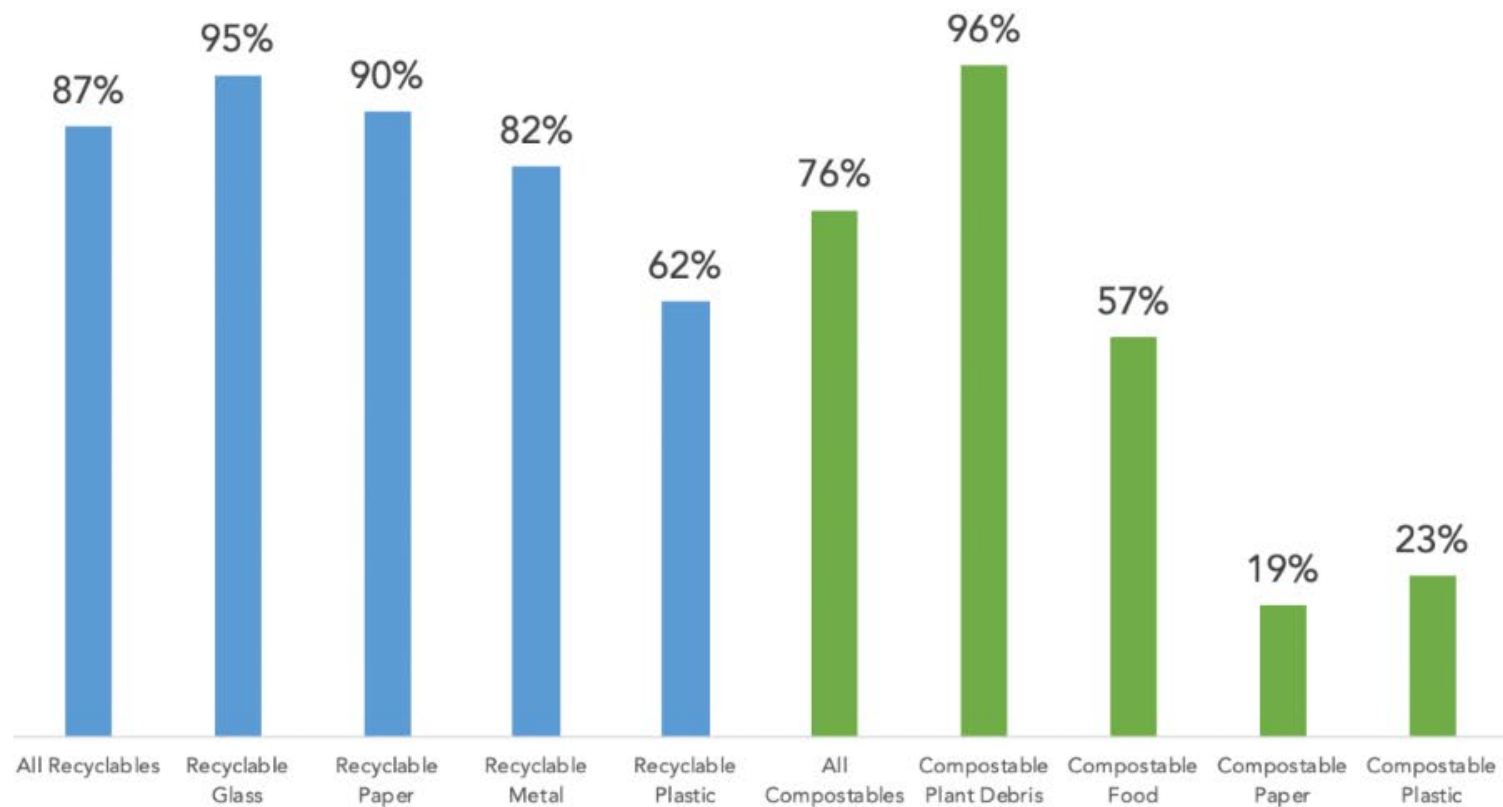
Capture rates were calculated for the major material categories.

A capture rate indicates what proportion of a material type is being placed in the correct container.

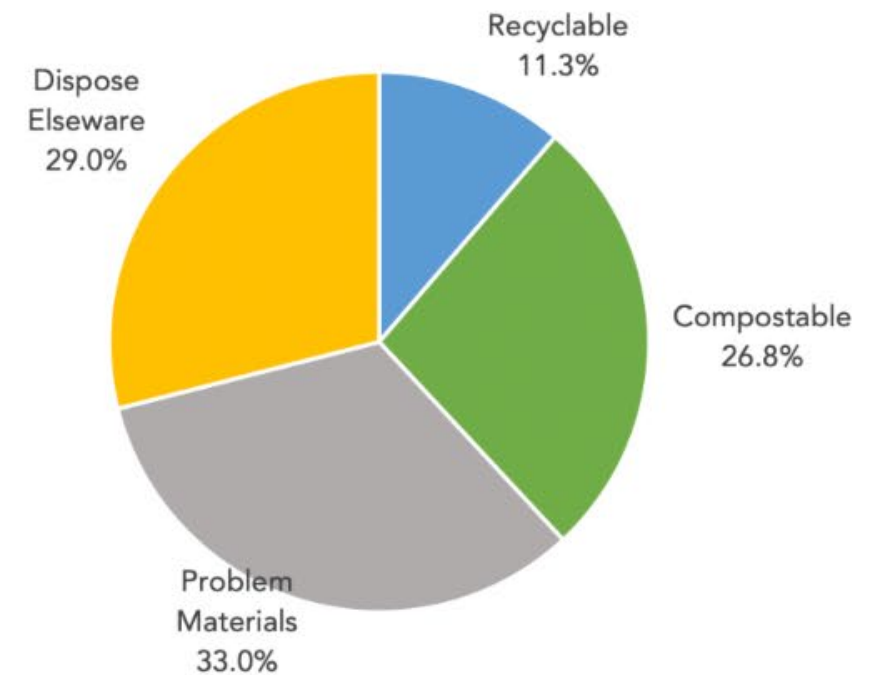


Characterization Study – Single Family

Single Family Capture Rates

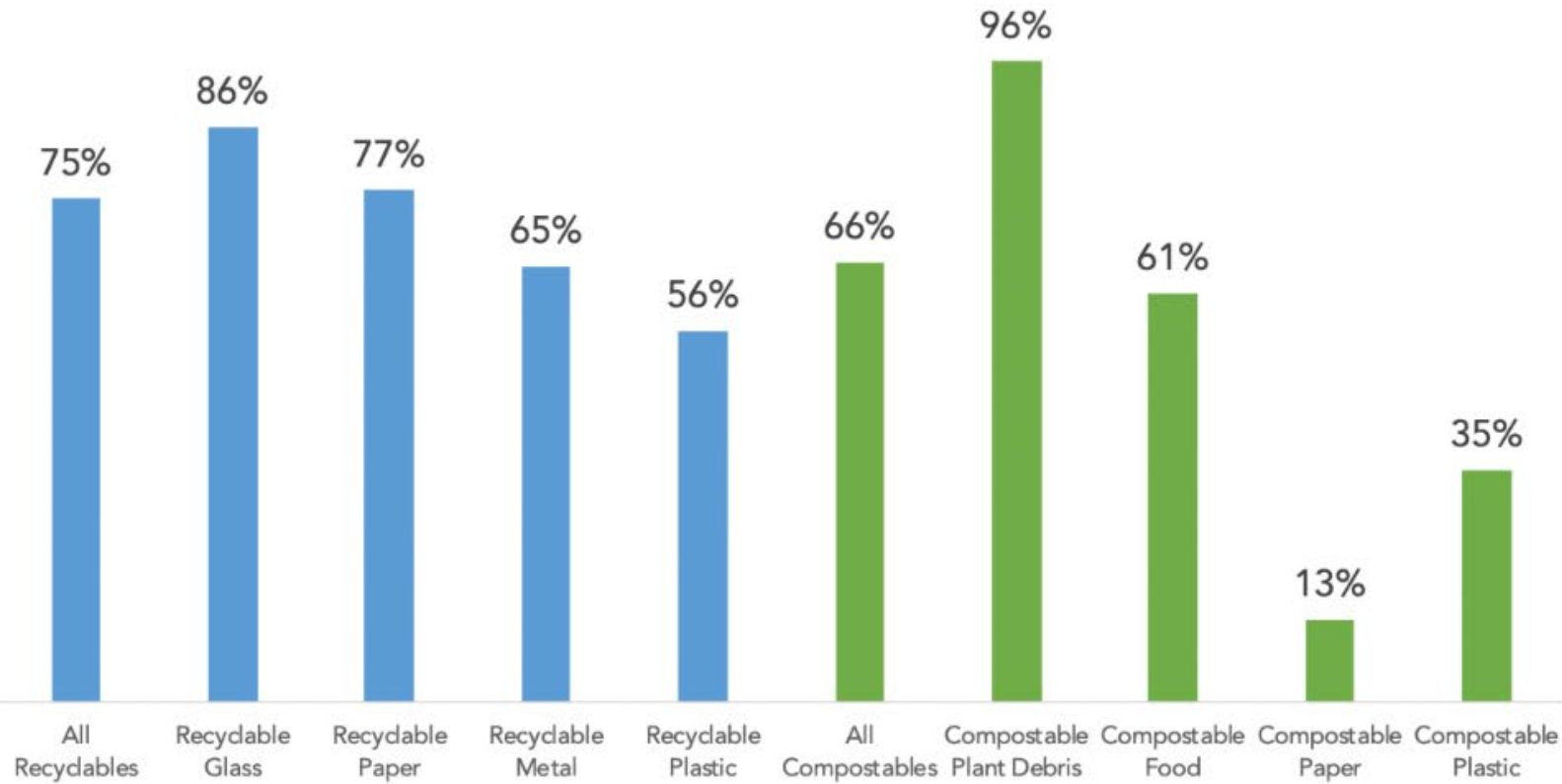


Single Family Refuse Material Recoverability

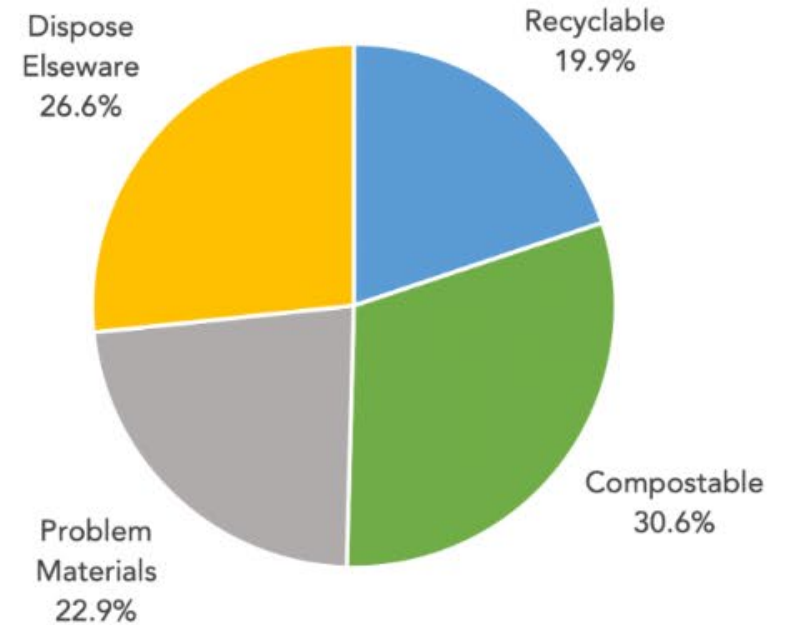


Characterization Study – Multi-family

Multifamily Capture Rates

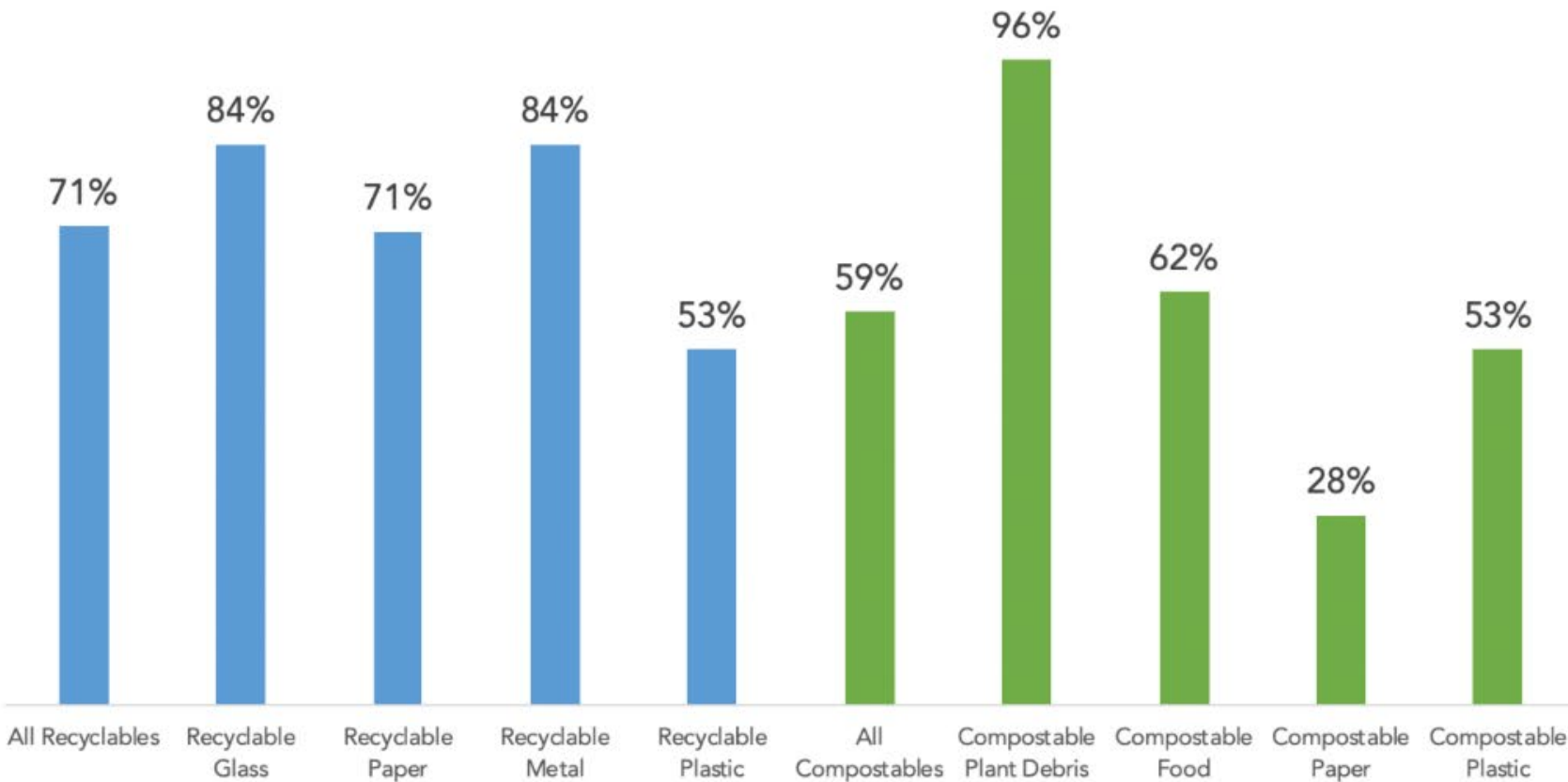


Multifamily Refuse Material Recoverability

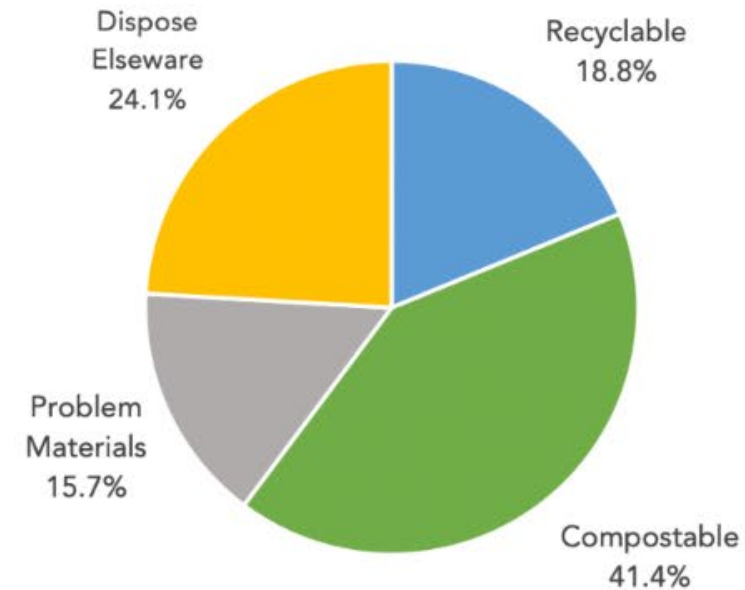


Characterization Study – Commercial

Commercial Capture Rates



Commercial Refuse Material Recoverability



Outreach and Stakeholder Engagement

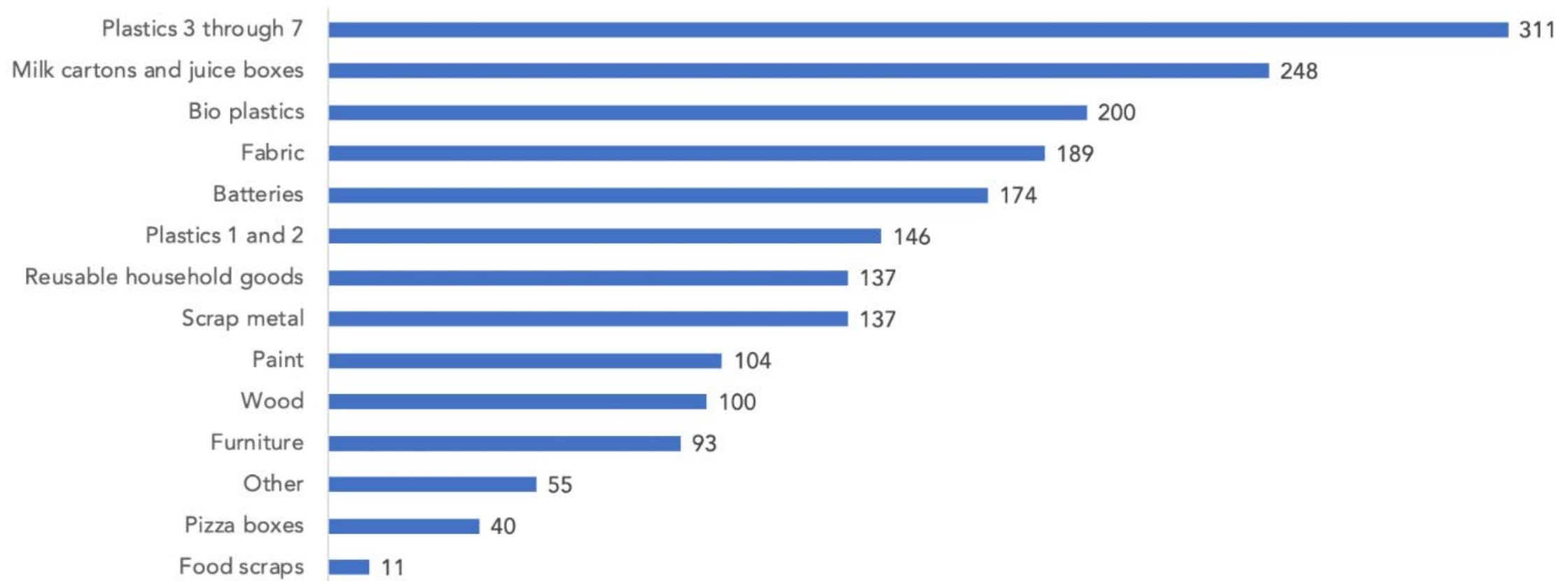
- 20 Listening Sessions
- 3 Online Town Halls
- Public Survey
- 3 Public Workshops to be held across the City
- Interviews or Meetings with City staff & Contractors
- Meetings with the Zero Waste Commission
- City Council study session



Berkeley Public Workshop June 2023

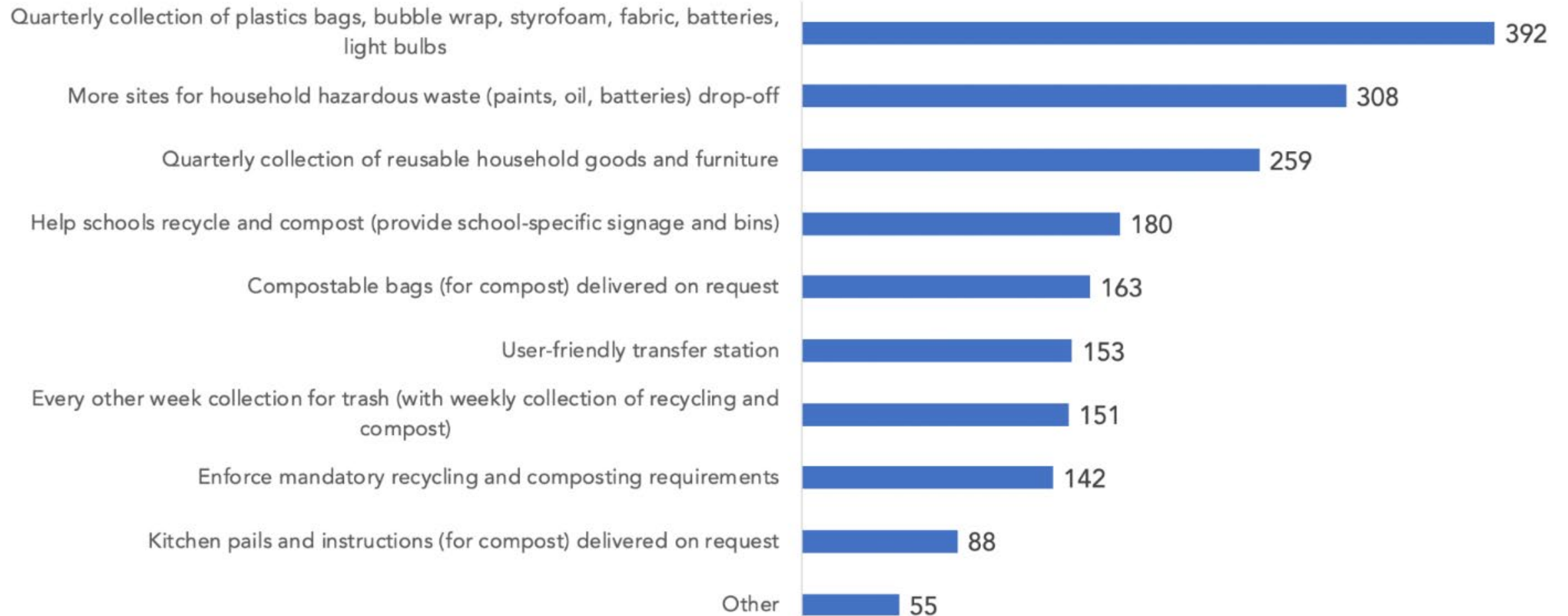
Citywide Survey – Highlights

Are there any materials that you are confused about or have difficulty recycling or composting in Berkeley? (461 responses)



Citywide Survey - Highlights

Do you have suggestions for improving the City's reuse, recycling and composting programs? (458 Responses)



Policies

1. Update Single-Use Foodware & Litter Reduction Ordinance

2. Zero Waste Events Ordinance

3. Mobile Food Vending Ordinance

4. Space Allocation for All New Construction – Restrict Trash Chutes

5. Ordinance Requiring Living Walls, Landscaping or Rooftop Gardens

6. Water Efficient Landscape Ordinance

7. Storm water Management and Discharge Control Ordinance

8. Zero Waste Business Sector Expansion

9. Rental resources, lease transition plan, and adequate services

10. Space Allocation Requirements for enclosures for 4 streams

11. Transfer Station: Mandatory self-haul source separation, with stronger rate incentives

12. Update Green Building Ordinance

Programs

13. Household Hazardous Waste Collection

14. Expand Food Recovery Program

15. Robust Zero Waste behavior change and what goes where campaigns

16. Share, Reuse, Repair Events

17. Non-Durable Goods Collection - Reuse, Recycling

18. Furniture, Household Goods and Textile Collection – Reuse, Recycling

19. Less Than Weekly/Every Other Week Collection - Refuse, Recycling

20. Battery Collection

21. Diaper Program (Compostable, Reusable, or Disposable) & Animal Waste Collection

22. Zero Waste Events And Venues

23. Reuse Exchange

Infrastructure

24. Reusable Foodware for Takeout

25. Tool Lending Library Expansion

26. Retail Zero Packaging Stores and Re-Filling Stations/Departments

27. Art Exhibition: Waste Through Bad Design

28. Research & Development Institute

29. Household Hazardous Waste Drop-off in Berkeley

30. "User-friendly" transfer station

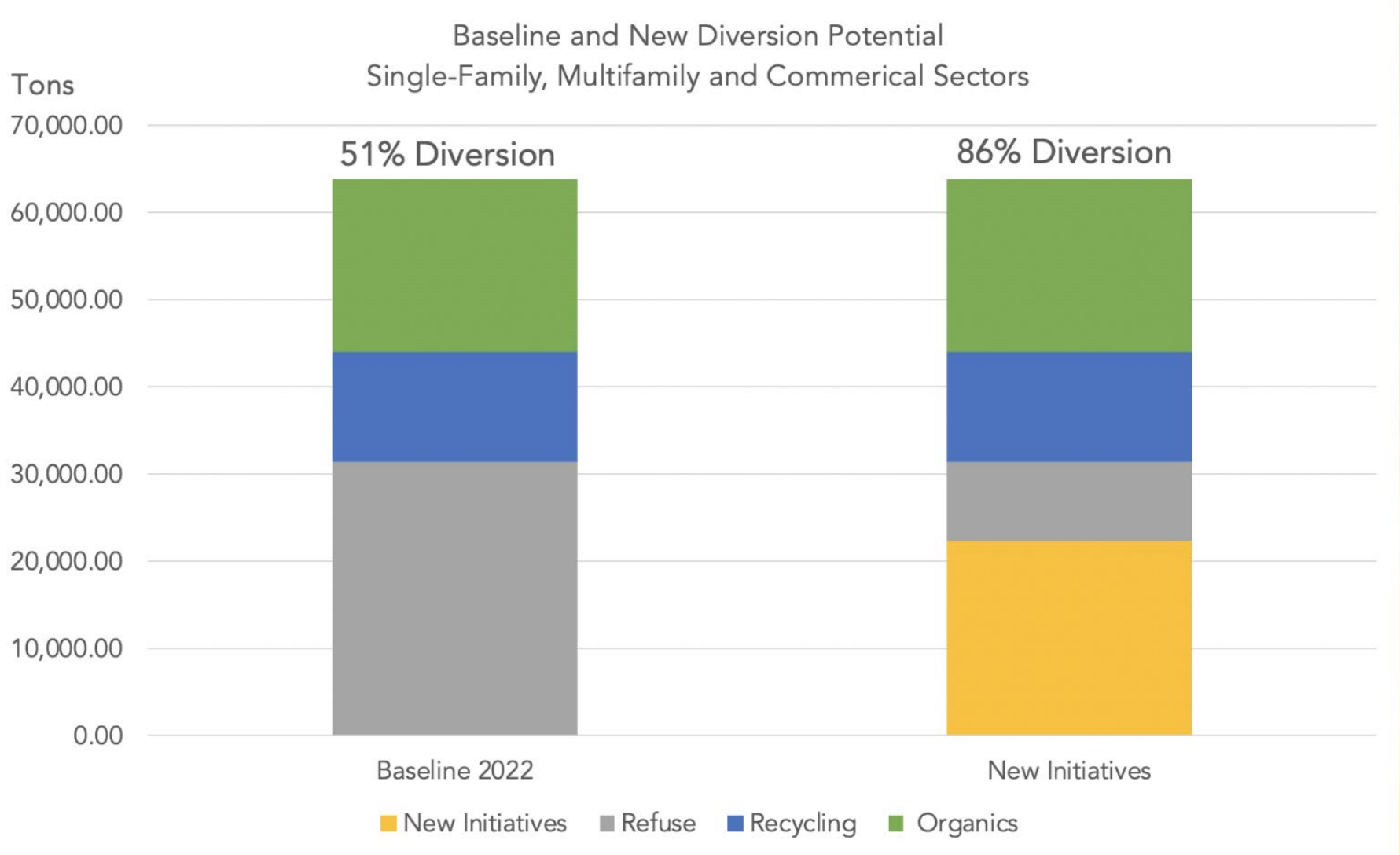
31. Water Bottle Filling Stations in public areas

32. Public Compost Bins and Servicing

33. Expand materials collected curbside

34. Resource Recovery Park Utilizing Twelve Market Categories

Diversion Potential of New Initiatives (Residential & Commercial Sectors)



Next Steps

- Self-Haul Characterization Study Findings
- Staffing Analysis
- Financial Analysis
- Draft Plan
- Public Workshops
- Final Plan
- Council Study Session