Using surplus food data to strategically target the 50% food waste reduction goal

Mid-Atlantic Food Recovery Summit

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Bowie State University

Thomas O'Donnell, PhD

U.S. Environmental Protection Agency

Philadelphia, PA

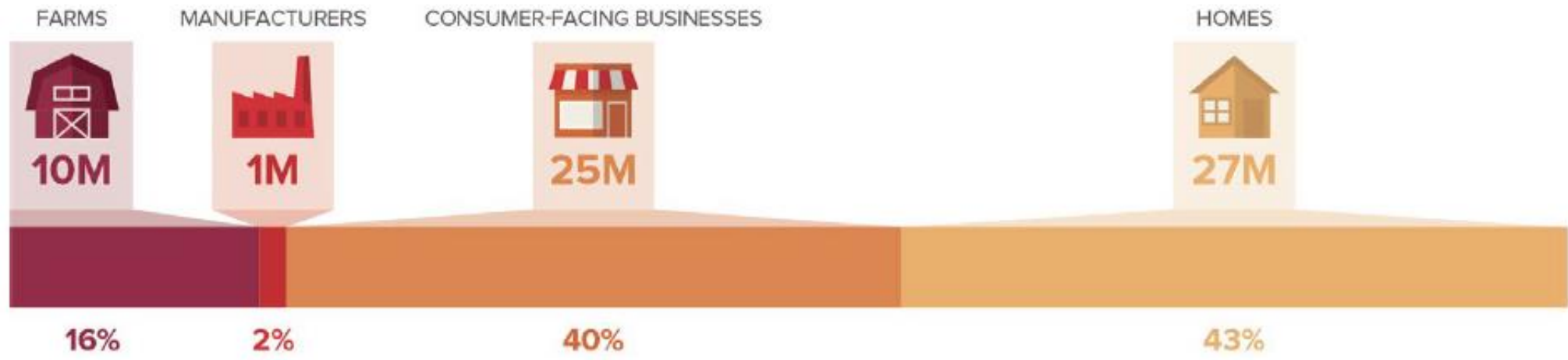# Reducing Mountains of ………

Teton Mountains, WO, National Park Service

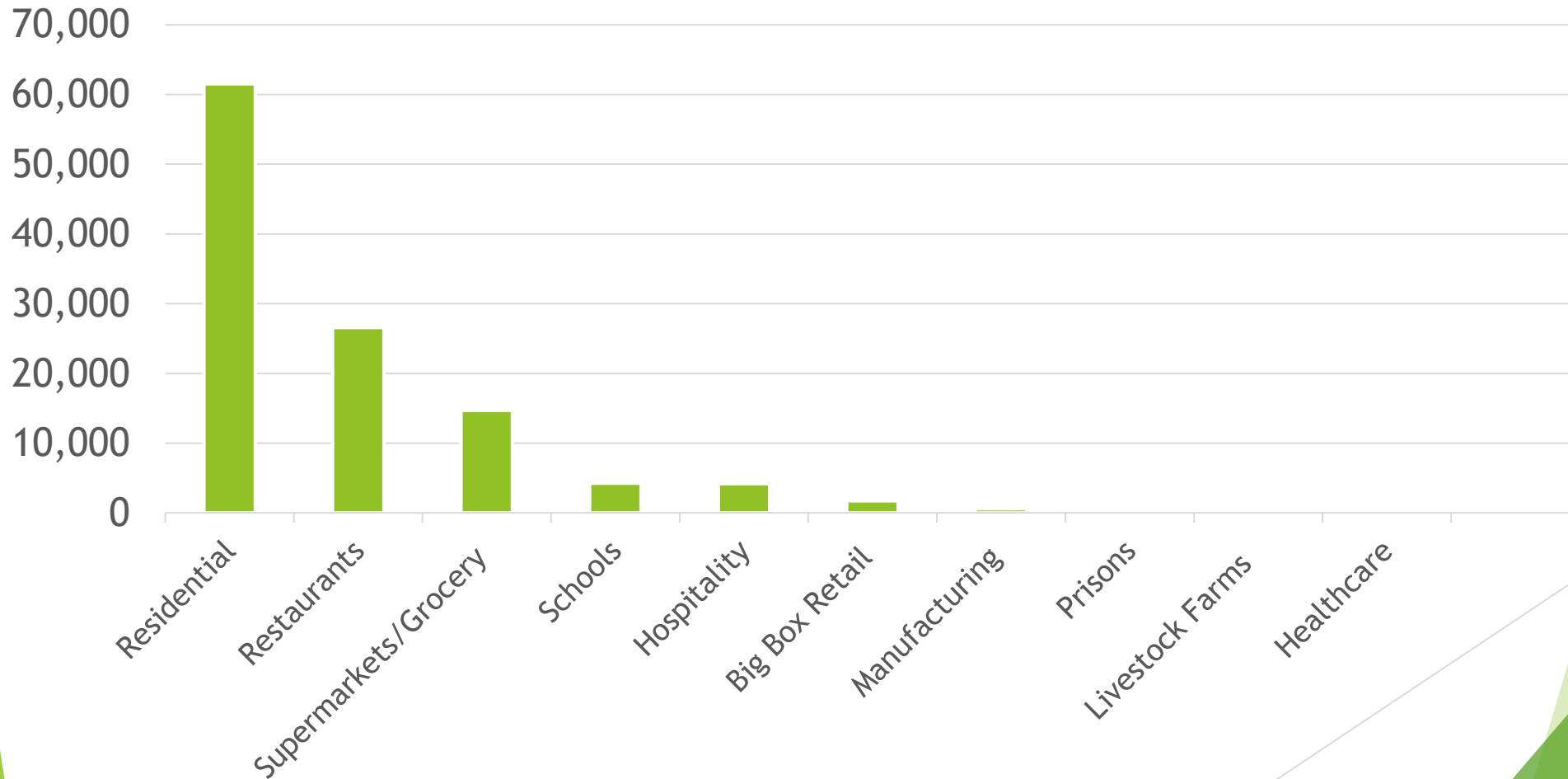Catskill Mountains, NY, CC BY-SA 3.0 English Wikipedia user Daniel Case

ReFED's Food Waste Sector Estimates

FOOD WASTED BY WEIGHT — 63 MILLION TONS

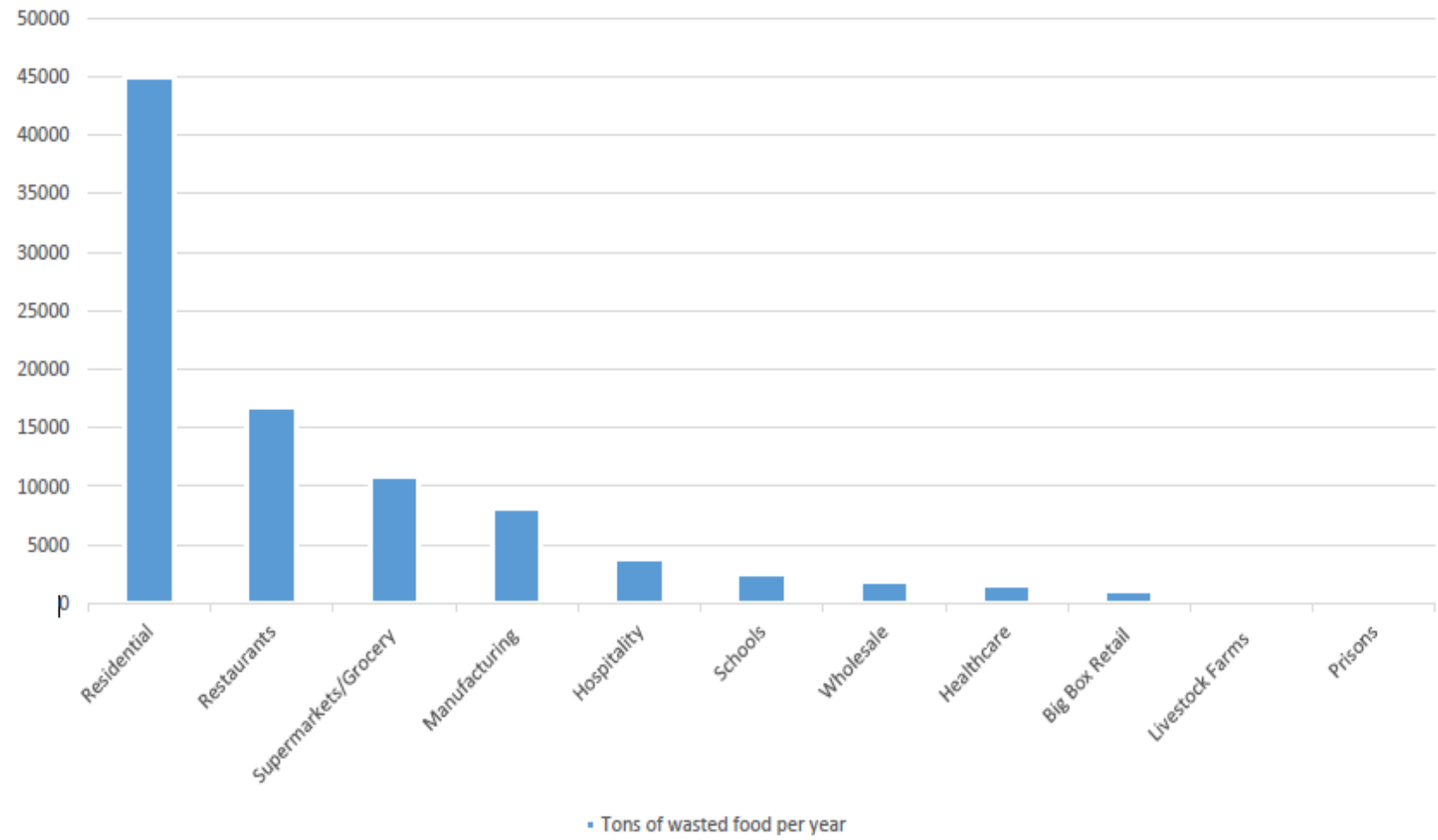| FARMS	MANUFACTURERS	CONSUMER-FACING BUSINESSES	HOMES
10M	1M	25M	27M
16%	2%	40%	43%

Typical Community Waste Profile

Prince George's County, Maryland Tons of Wasted Food

Lehigh Valley, Pennsylvania
Tons of Surplus Food Generated by Sector

Reach out even more if you believe consumers are a critical part of the solution

Education

► Colleges

► Faith-based groups

► K-12

► Home composters

► Correctional facilities

► Farmers

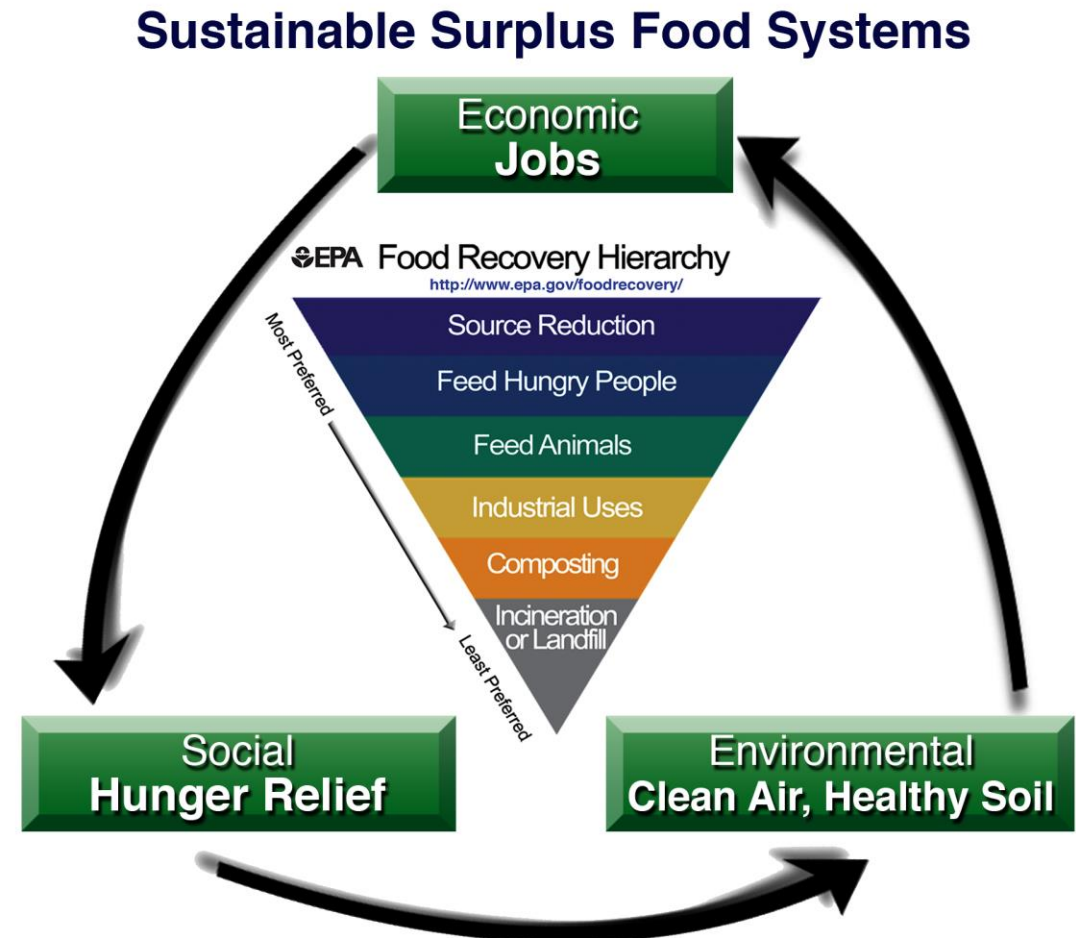## Outreach

► Hospitality food service

► Food manufacturing

► Supermarket

► Hunger Relief

► Restaurants

► Institutions

Motivate through Our Collective Mission Driven Activities

For Example:

▶ End hunger, improve nutrition, educate families

▶ Create food sector jobs and new businesses

▶ Reduce GHG emissions and water use

▶ Approve new policy and local implementing regulations

Sustainable Surplus Food Systems

Economic Jobs

EPA Food Recovery Hierarchy
http://www.epa.gov/foodrecovery/

Most Preferred
- Source Reduction
- Feed Hungry People
- Feed Animals
- Industrial Uses
- Composting
- Incineration or Landfill
Least Preferred

Social Hunger Relief

Environmental Clean Air, Healthy Soil

40% Farm Food Loss Estimates in Mid-Atlantic states

Produce Losses

- Vegetables, Potatoes, Melons, Fruits and Nuts losses

=

57,000 acres left unharvested, 40 percent of farms

$148,000,000 lost sales

Prevention Solutions

- Gleaning
- Value-added products
- CSA
- Farm markets
- Discount retailers
- Relaxed cosmetic standards

Commercial Surplus Food Estimates are Easier Now

https://www.epa.gov/sustainable-management-food/excess-food-opportunities-map

Mapping Tool Examples
Maryland's 100 Top Generators

▶ Supermarkets 12,247 tons

▶ Manufacturing 10,576 tons

Uses

▶ Feeding people, composting, and animal feed

▶ Animal feed, new products

Closing Ideas

- Supercharge consumer education and outreach
- Keep doing great things
- Help one another
- Today, teach someone something that you know

- Believe that together we can achieve the National Goal 11 years from now