

Collect

**Monster
Organics**

Cultivate

Compost





Food Waste By The Numbers

ReFED 2023 Report

~73.9M

Total tons of surplus food

31%

Of overall U.S. food supply

442 lbs Surplus food generated per capita annually across the nation

35%

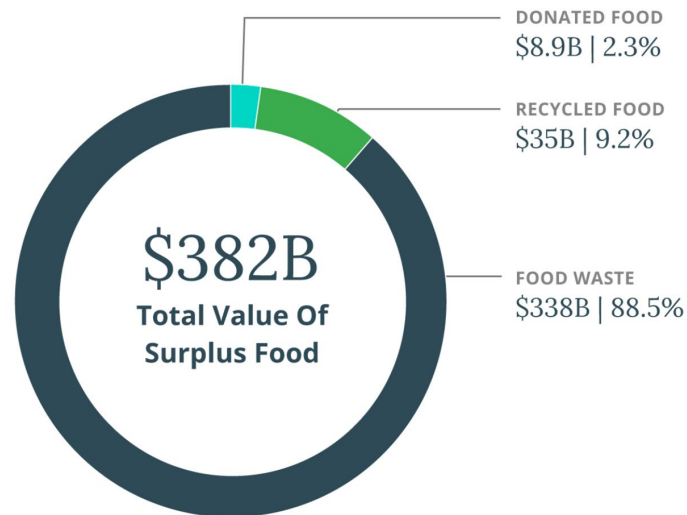
In Homes

26M tons produced

23%

In Businesses

12.2M tons produced



Rising Tip Fees & The Food Waste Diversion Solution

Addressing regional landfill constraints and escalating disposal costs through organic waste recovery

Regional Pressures

- **Surging Costs:** Tipping fees in projected to increase annually; approaching \$100 per ton
- **~20-Year Capacity:** Remaining landfill capacity will expire rapidly without aggressive diversion.

~36%

Of MSW Stream is Organics

The Food Waste Problem

- **Largest Category:** Food and organic scraps comprise over a third of disposed municipal waste.
- **Unrecovered:** Most surplus food goes straight to landfills or incinerators.
- **Excess Weight:** High moisture content makes organic waste heavy, directly inflating tipping bills.

The Diversion Solution

Turn liabilities into assets

• Immediate Cost Reduction

Diverting heavy organic waste reduces total tonnage shipped to landfills, directly cutting municipal tip fees.

• Capacity Preservation

Keeping food waste out of landfills could significantly extend regional landfill operational life.

• High-Value Compost

Converts organic waste into nutrient-rich soil amendments for local agriculture and landscaping.



Your Food Waste is NOT Trash!

- Food waste contributes to the greenhouse gas problem, and is a leading contributor to climate change.
- Scraps, when composted correctly, are a rich agricultural input that reduces the need for chemical fertilizers.
- We need to waste less, and figure out how to get more of our food scraps out of the trash and into the hands of composters.

Commercial & Campus Infrastructure

Empowering schools through dedicated sorting stations and hands-on organic waste diversion



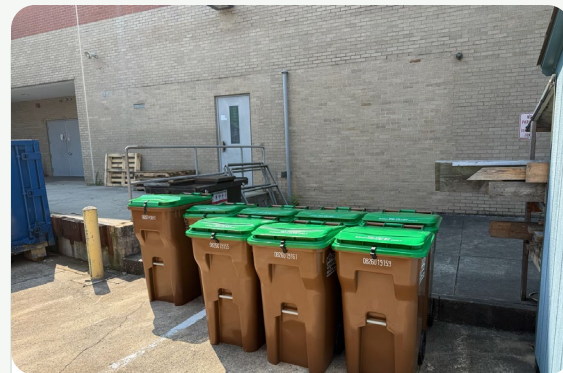
School Grounds Setup

Strategic placement of collection bins near main school buildings ensures easy daily access for staff and groundskeepers.



Courtyard & Garden Integration

Connecting organic waste collection directly with outdoor learning areas, raised garden beds, and campus eco-projects.



Service & Loading Access

Standardized roll-carts positioned at facility loading areas streamline routine hauling and maintain clean, odor-free spaces.

Commercial Composting Infrastructure

Addressing the critical infrastructure deficit and unlocking regional waste diversion in the DC Metro Area



DC Metro Area Deficit

The DC metropolitan region currently faces a severe lack of industrial composting infrastructure and dedicated off-take markets.



Advanced Commercial Processing

Commercial-scale facilities efficiently break down "hard to compost" items like meat, bones, and dairy that standard systems reject.

Key Regional Opportunity

- **Turnkey Commercial Service**

Provides a viable solution for DC offices, restaurants, and venues where onsite processing isn't option.

- **Scaled Landfill Diversion**

Expands processing capacity to divert massive volumes of organic food waste from area landfills.

Cleanliness of a site

Eliminating the “ick” factor

On-Site Bin Rinsing

Every collection includes on-location water rinsing to remove residue and prevent organic waste buildup.

Cleaner Bins, More Participation

Keeping compost bins clean reduces vectors, complaints, and increases participation.

Bin Swaps

Routine cleaning ensure bins at collection points remain hygienic, manageable, and ready for every service cycle.



IF IT GROWS, IT GOES:



**BPI, CMA, or TUV certified compostable items
(cups, plates, utensils, etc)**

FROM THE KITCHEN:

- Fruit and vegetable scraps
- Coffee grounds and paper filters
- Paper tea bags (no staples)
- Meat, fish, and bones
- Cheese and dairy products
- Sauces and dips
- Cookies, chocolate, and sweets
- Snack/granola bars
- Wooden toothpicks, skewers and popsicle sticks
- Paper towels
(Not used with cleaning chemicals)

- Tissues
- Greasy pizza boxes
- Paper egg cartons and fast food drink carriers
- Cotton string
- Paper grocery bags
- Byproducts of fermentation, such as sourdough discard or hops.
- Wine corks (only those made from real cork, sometimes there are plastic corks)
- Breads products, croutons, and tortillas
- Pastries/muffins/donuts

- Crackers and chips
- Cooked or uncooked oats
- Cooked or uncooked grains
- Popcorn and unpopped kernels

FROM THE REST OF THE HOUSE:

- Hair (pet & human)
- Finger and toenail clippings
- 100% Cotton swabs (sometimes the handles are made with plastic)
- 100% Cotton balls
- House plants
- Green waste that fits in the bin

THROW IT OUT:

- Feces (even if it's in a compostable bag)
- Metal, glass and petroleum based plastics
- Lotion, shampoo, conditioner and body wash
- Grease
- Gasoline or petrol, oil, and lubricants

- Hygiene products
- Glue and tape
- Charcoal ashes
- Produce stickers
- Plastic lined packaging

- Chewing gum
(commonly made with plastic, but plastic-free compostable gum is fine to add)

**CHECK CERTIFIED COMPOSTABILITY AT
[PRODUCTS.BPIWORLD.ORG](https://products.bpiworld.org)**

IF YOU'RE NOT SURE, PLEASE CONTACT US:

Call 703-574-3414 or service@monster-organics.com



Questions?

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