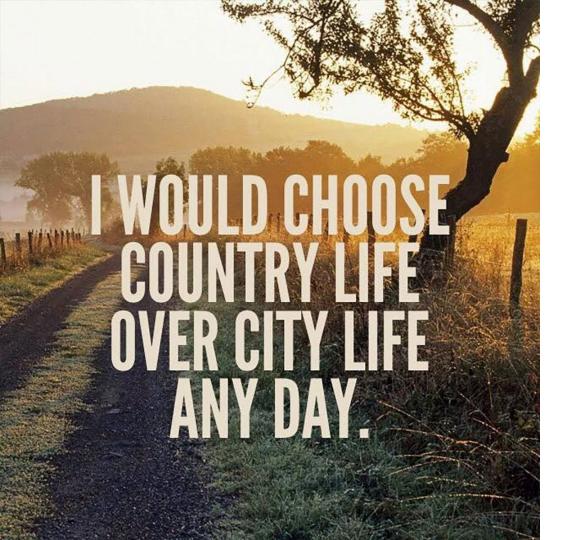


Advancing Data-Driven Solutions to Reduce Food Loss and Waste

Addressing Food Waste & Recovery to Build Resilient Rural Communities



Rural Grocers Association JUNE 2022



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Our Mission

We're a national nonprofit working to end food loss and waste across the food system by advancing data-driven solutions to the problem.

Our Vision

We envision a sustainable, resilient, and inclusive food system that optimizes environmental resources, minimizes climate impacts, and makes the best use of the food we grow.







DATA & INSIGHTS

Leveraging data and insights to highlight supply chain inefficiencies and economic opportunities

CAPITAL & INNOVATION

Catalyzing capital to spur innovation and scale high-impact initiatives

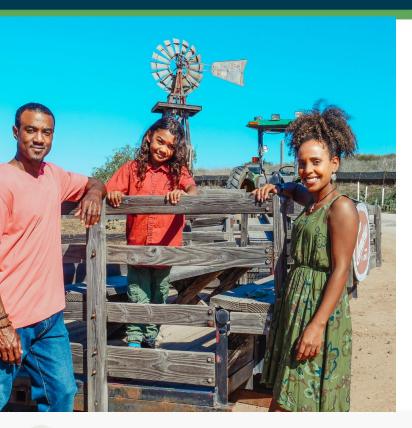
STAKEHOLDER ENGAGEMENT

Mobilizing and connecting supporters to take targeted action

The Challenging Environment: The Food Landscape in Rural America



Quality of Life in Rural America



Rural Americans have strong ties to their local communities

- 81% report feeling attached to their local communities
- 67% have been helped by neighbors
- 51% say they're actively involved

Quality of life issues that rise to the top of concerns:

- 64% of respondents say better long-term job creation would be most helpful to their local economy
- 61% believe improving quality of local schools
- 55% report improving access to health care
- 51% view advanced job training or skills development
- 49% report knowing someone who has struggled with Opiod addiction



Hunger in Rural America



- 1) Rural communities have faced higher food insecurity rates compared to urban communities.
- 2) People of color who live in rural communities experience hunger disproportionately 2.2x more.
- 3) Children in rural counties are particularly vulnerable to hunger.
- 4) Federal nutrition programs like The Emergency Food Assistance Program (TEFAP) are integral to ending rural hunger.



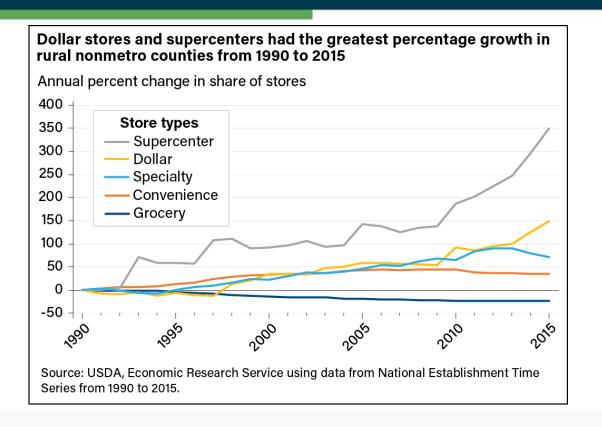
Food Deserts are Real in Rural America



- 5 million rural Americans live in a rural food desert, far from fresh, affordable food
- Of the 1,947 nonmetro counties in the contiguous United States, rural nonmetro counties had fewer of all five types of food retailing stores than large and small urban nonmetro counties



The Changing Face of Rural Food Retail





Building Community Food Security

"...concerns the underlying social, economic, and institutional factors within a community that affect the quantity and quality of available food and its affordability or price relative to the sufficiency of financial resources available to acquire it."





Source: 2002 USDA-ERS publication

Food Loss and Waste: An Overview of a Solvable Problem



The U.S. Problem:



35% of all food goes uneaten



\$408B

a year is spent on food that is never eaten

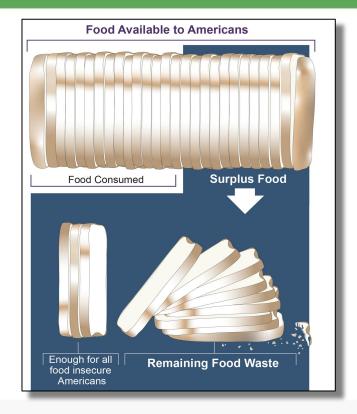
Meanwhile...



38.3M+

Americans are food insecure

Food Need is Small Compared to Waste



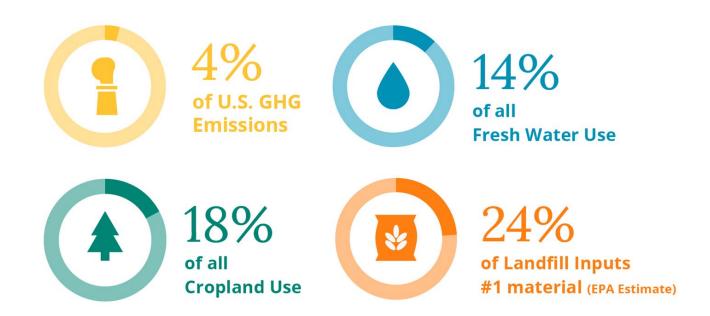


Cutting food waste in half would provide

4 Billion Meals



Food Waste Environmental Impacts



Source: ReFED



The Drive for Efficiency Builds Waste Into the System









In 2019, 16.7 million tons of produce never made it off the farm, according to ReFED's Insights Engine. Some 51% of those fruits and vegetables – more than 8.5 million tons – were perfectly edible. But they were deemed either not pretty enough or not worth the trouble of harvesting.



Reduce • Reuse • Recycle

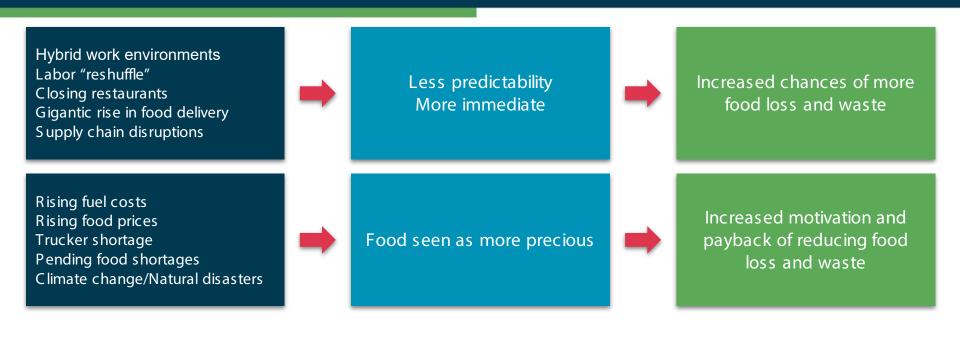




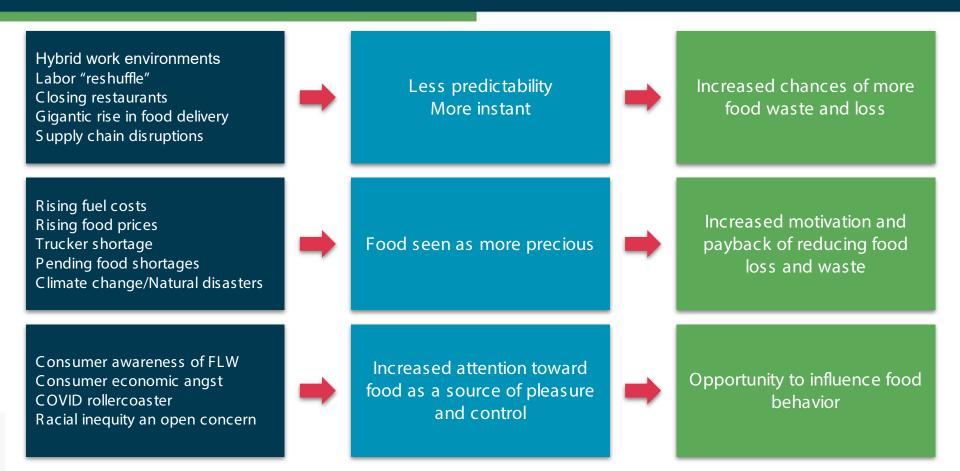
Our Changing Food System: What We're Seeing



Our Changing Food System: What We're Seeing



Our Changing Food System: What We're Seeing



A Roadmap of Solutions to Food Loss & Waste



Food Waste is a Systemwide Problem

WHAT'S NEEDED: Outside expertise to be a voice on the issue, help understand what to do and where their influence is most effective

ReFED'S ROLE: Partners with federal agencies to provide feedback and be a conduit to other stakeholders; provides policy recommendations

WHAT'S NEEDED: Support to innovate and scale solutions, including funding, expert guidance, corporate connections, market analysis, etc.

ReFED'S ROLE: Serves as advisor for open calls (e.g., Kroger, POM Wonderful, DoorDash), provides connections, hosts Solution Provider Directory, promotes deal flow reports, hosted Food Recovery Accelerator

WHAT'S NEEDED: Partnerships to increase impact; funding

ReFED'S ROLE: Hosts network with NGO members and participates in smaller collaborations; attracts capital to the space, helping NGOs receive this funding



WHAT'S NEEDED: Help identifying and evaluating funding opportunities and impact of investments

ReFED'S ROLE: Hosts Funders Circle, provides advisory services, landscape analysis, deal flow reports, and introductions to solution providers seeking funding

WHAT'S NEEDED: Guidance on the most effective solutions and how to implement them

ReFED'S ROLE: Provides measurement tools, solutions analysis, connections to innovators and peers, and roundtables to tackle joint issues

WHAT'S NEEDED: Input on where research is needed, connections to funding, and amplification of their findings

ReFED'S ROLE: Provides expert support; promotes findings; incorporates relevant studies into Insights Engine analysis

ReFED Insights Engine Driving Change

An interactive knowledge hub for food loss and waste launched in 2021, the Insights Engine lets users:

1. Understand the Problem

2. Explore the Solutions

3. Find Solution Providers

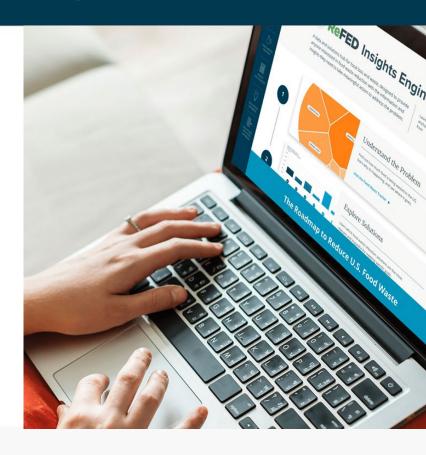
4. Calculate Impact

NEW TOOLS

5. Track Capital

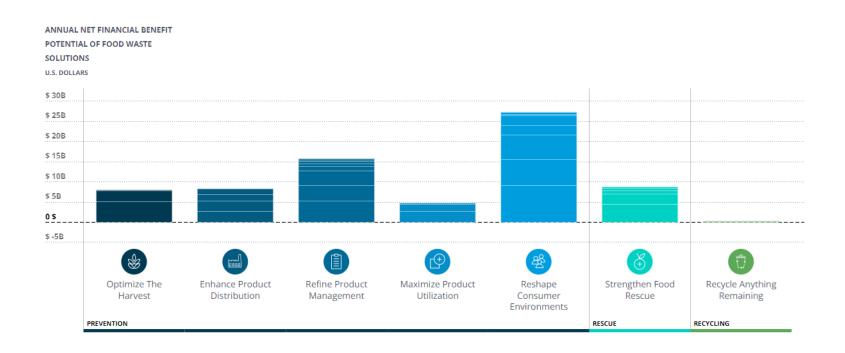
6. Review Policies

Launch the Insights Engine



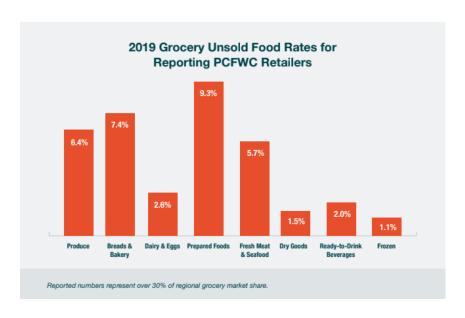


Food Waste Solutions Offer Significant Financial Benefits





Creative Solutions to Building a Better Rural Food System







Creative Solutions to Building a Better Rural Food System

- Support imperfect and surplus produce channels
- Retailers, foodservice providers re-evaluate their size/cosmetic standards
- Whole crop purchasing (the farmer right-sizes production, the retailer gets a bargain price, and nothing — or very little — goes to waste)
- Enhanced demand planning and inventory controls by retailers
- Coordinate regional approaches to food rescue and recovery
- Community composting
- Engage schools in food waste prevention and family education





For further information, please contact:

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