



HOW TO DONATE SURPLUS FOOD FROM K-12 SCHOOLS

SEPTEMBER 17TH, 2015

[HTTP://WWW.EPA.GOV/SMM/WEB-ACADEMY/INDEX.HTM](http://www.epa.gov/smm/web-academy/index.htm)



Changing how we think about our resources today for our children's tomorrow



ANNUAL GLOBAL FOOD WASTE



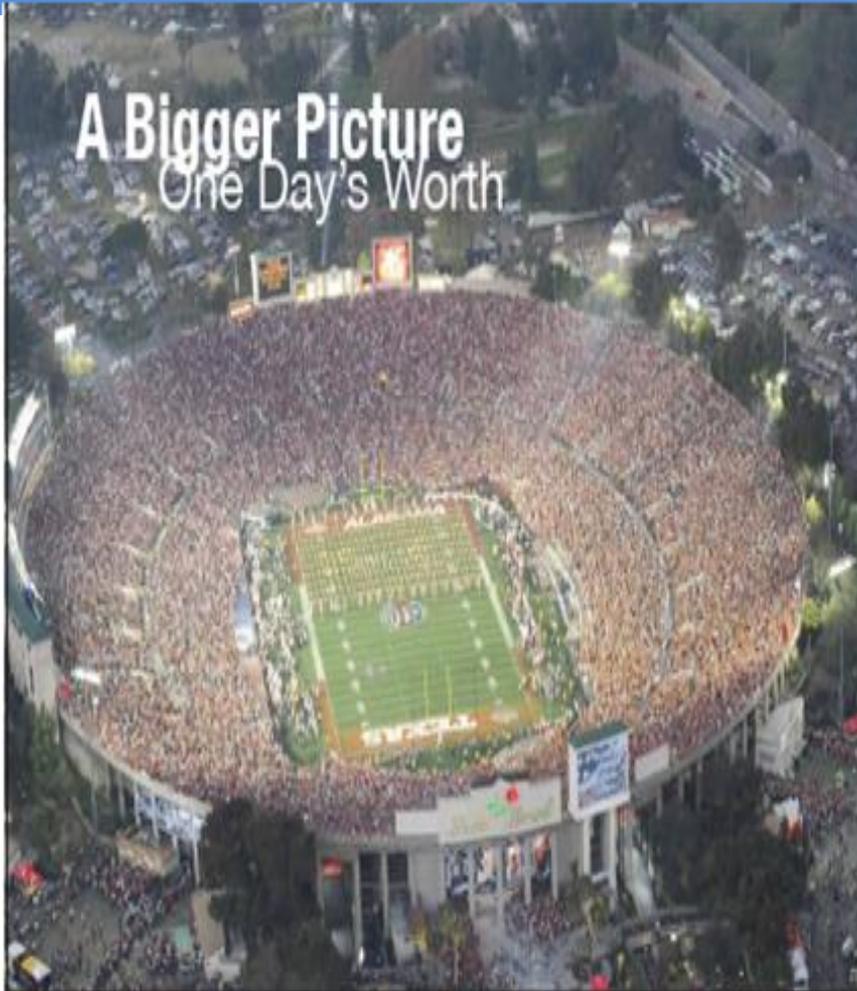
THE CHICAGO COUNCIL
ON GLOBAL AFFAIRS

thechicagocouncil.org/globalag

#GlobalAg

Source: UN Food and Agriculture Organization (FAO)

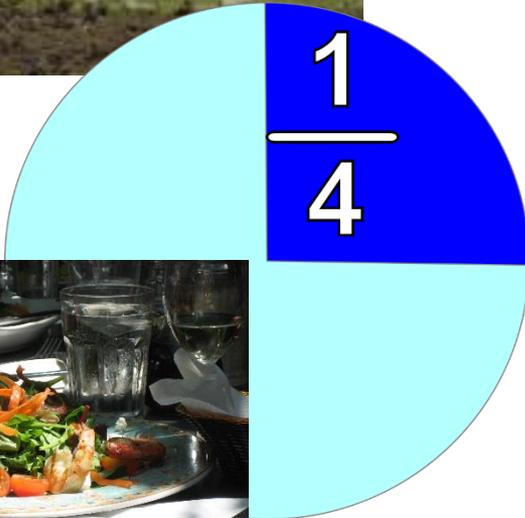
Food is simply too good to waste!



- 40% of food is wasted in the U.S.
- Costs U.S. households **\$162 billion annually.**
- **1 in 6 Americans** lack a secure supply of food.

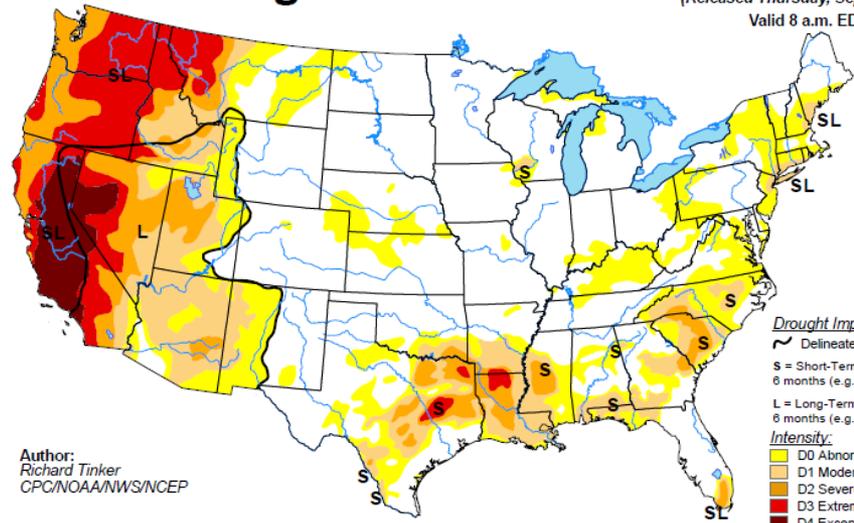
(Sources: USDA, EPA, FAO. Photo Credit: Jonathan Bloom)

To grow wasted food: we use about 25% of our freshwater.



U.S. Drought Monitor

September 8, 2015
(Released Thursday, Sep. 10, 2015)
Valid 8 a.m. EDT



Author:
Richard Tinker
CPC/NOAA/NWS/NCEP

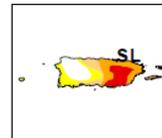
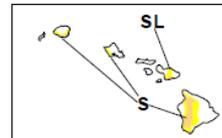
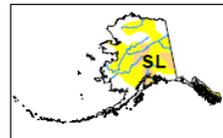
Drought Impact Types:

- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

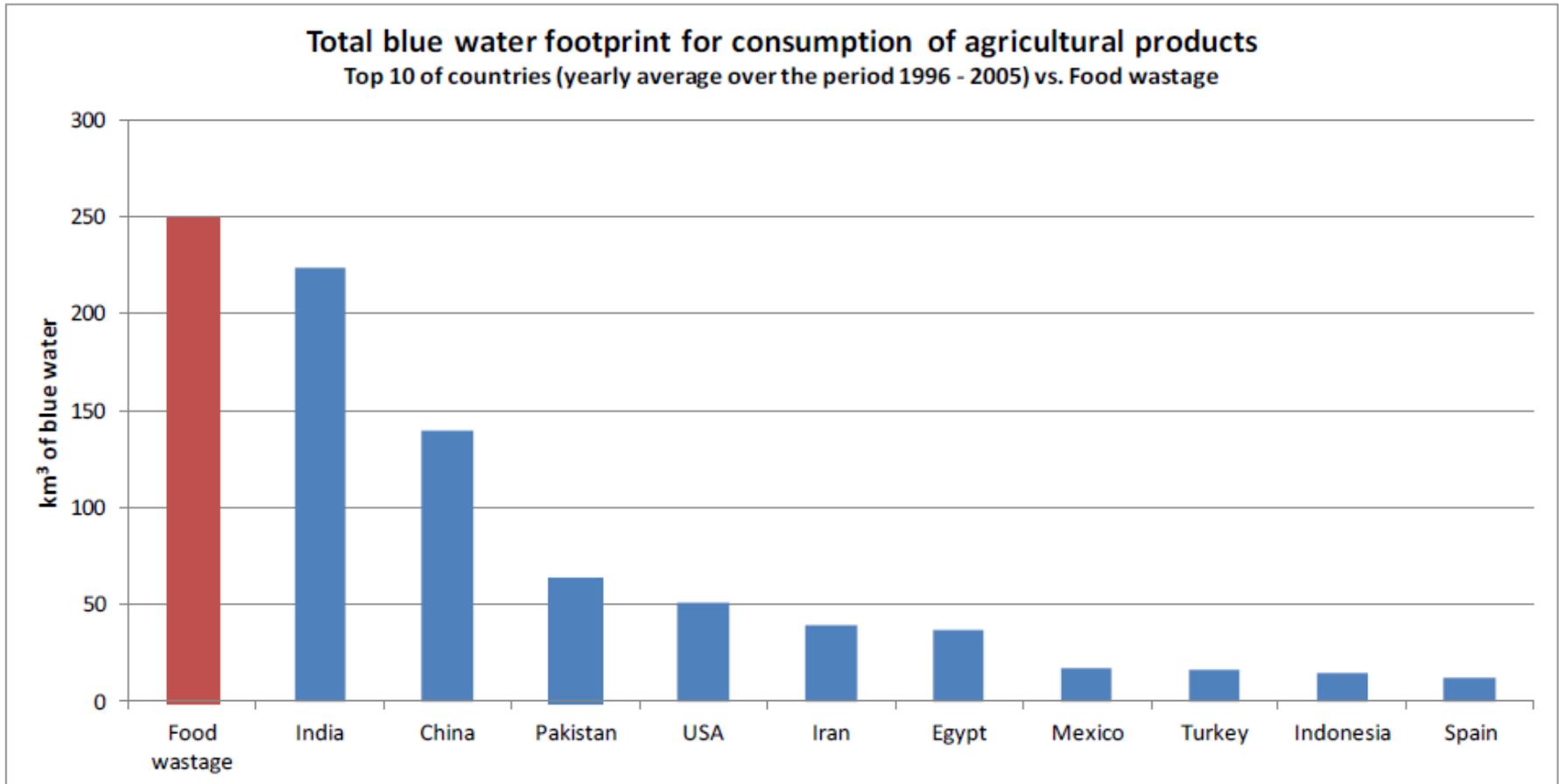
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



<http://droughtmonitor.unl.edu/>

If food wastage were a country....

Water

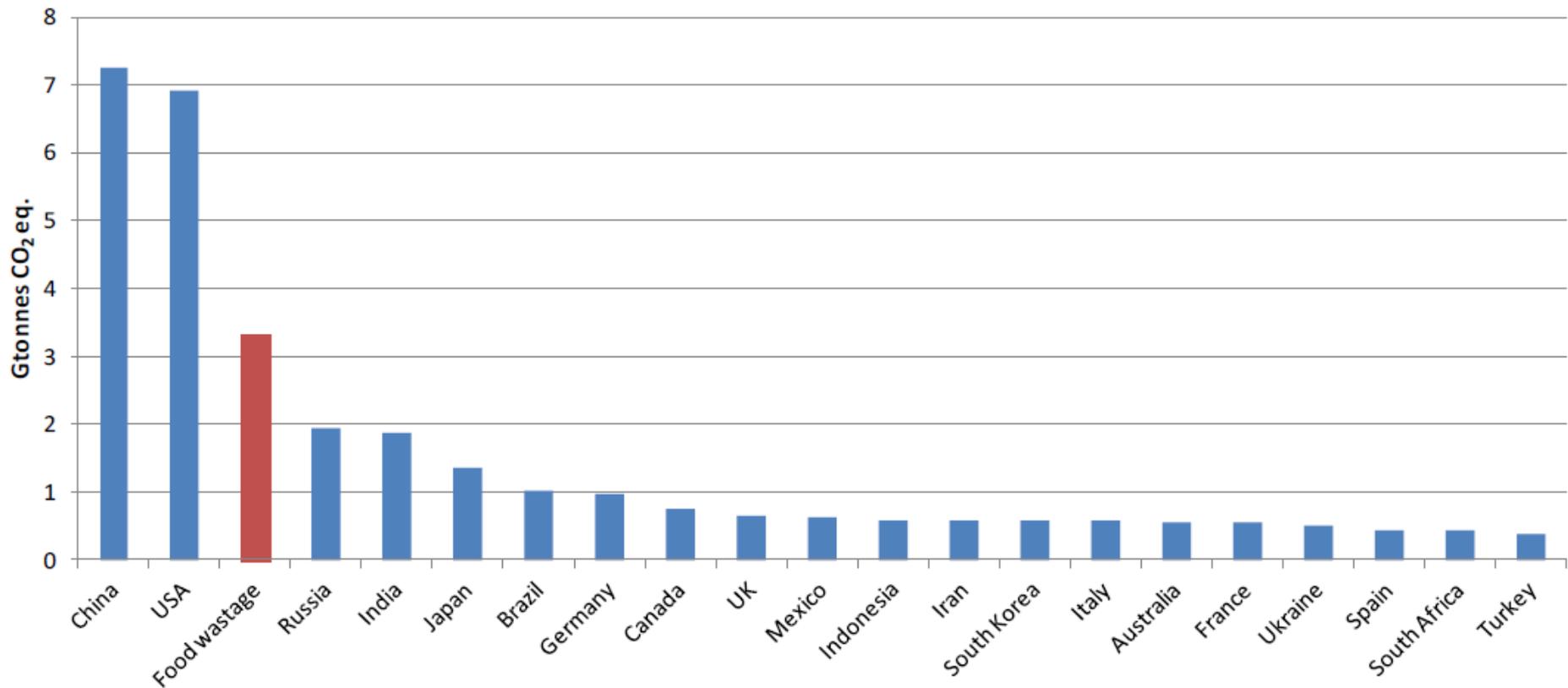


A week's worth of power



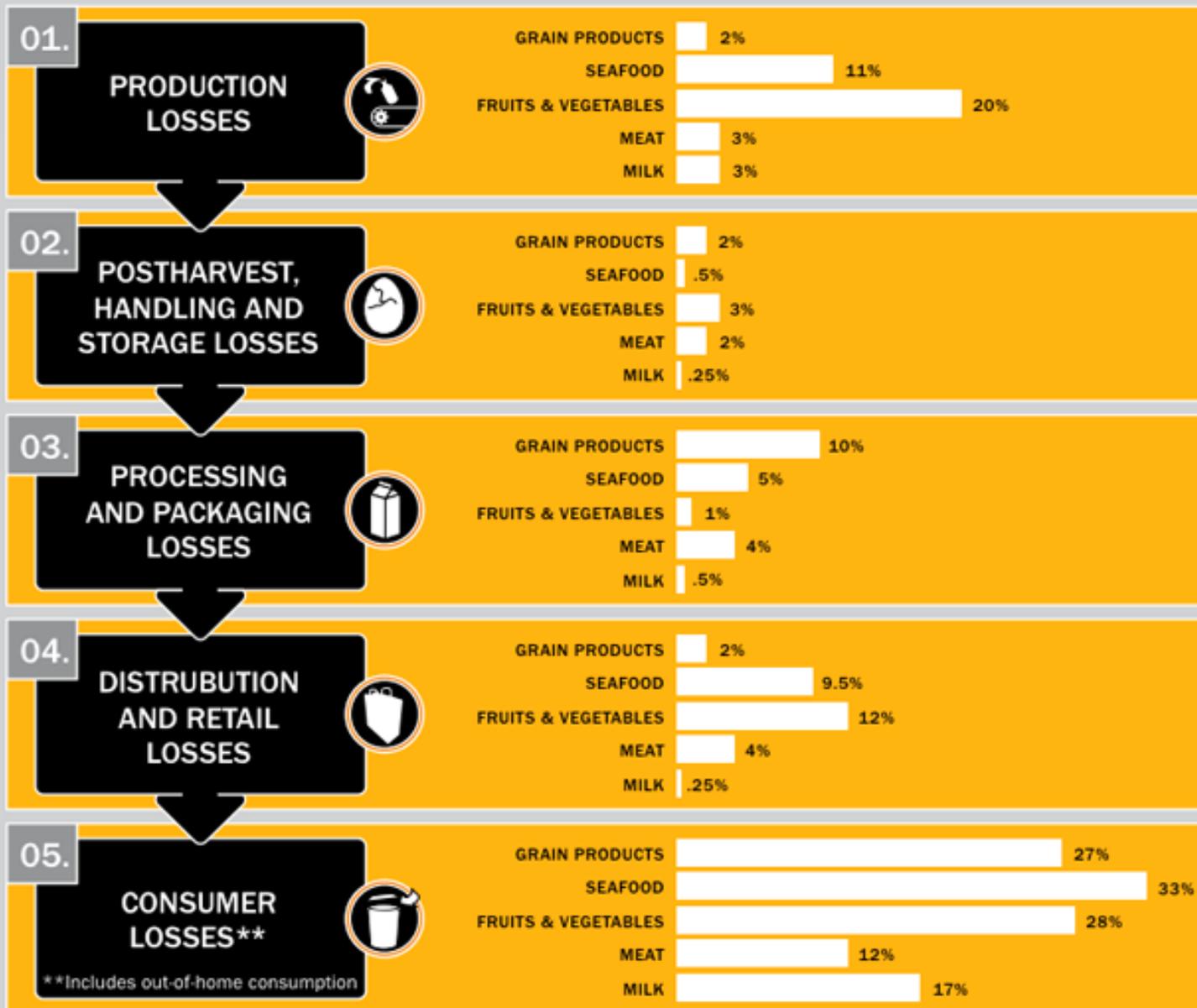
If food wastage were a country.... Greenhouse Gas Emissions

Total GHGs emissions excluding LULUCF
Top 20 of countries (year 2005, WRI) vs. Food wastage



NORTH AMERICAN* FOOD LOSSES AT EACH STEP IN THE SUPPLY CHAIN

*Percentages calculated collectively for USA, Canada, Australia, and New Zealand.

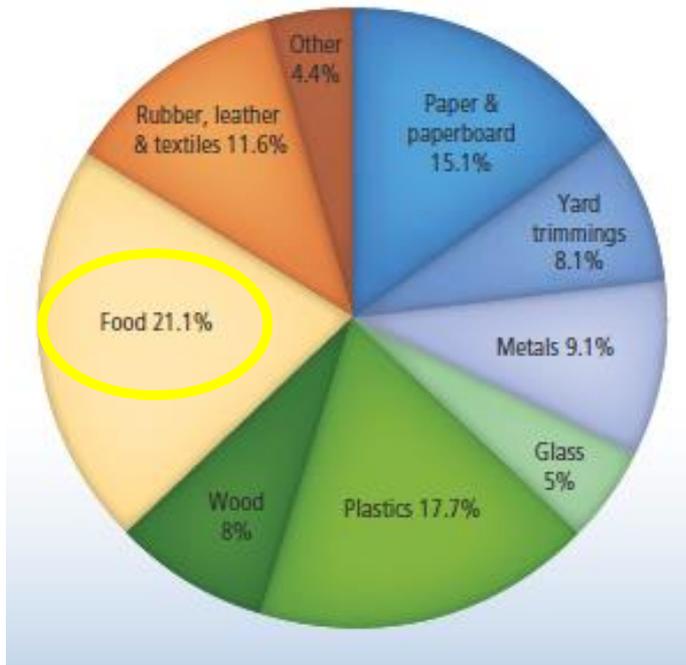


**Includes out-of-home consumption



Our largest waste stream is the least recycled waste stream.

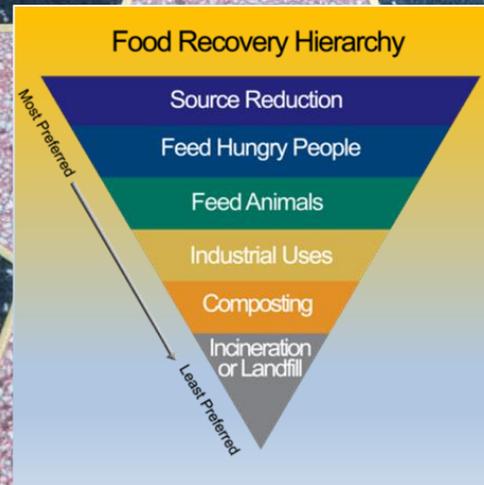
Total MSW Discards (after recycling)



Total MSW Recovery (by material)



To the rescue: the world famous, star-studded Food Recovery Hierarchy!





Food Recovery Hierarchy

Most Preferred

Source Reduction

Reduce the volume of surplus food generated

Feed Hungry People

Donate extra food to food banks, soup kitchens and shelters

Feed Animals

Divert food scraps to animal feed

Industrial Uses

Provide waste oils for rendering and fuel conversion and food scraps for digestion to recover energy

Composting

Create a nutrient-rich soil amendment

Landfill/ Incineration

Last resort to disposal

Least Preferred



A Guide to Conducting and Analyzing a Food Waste Assessment

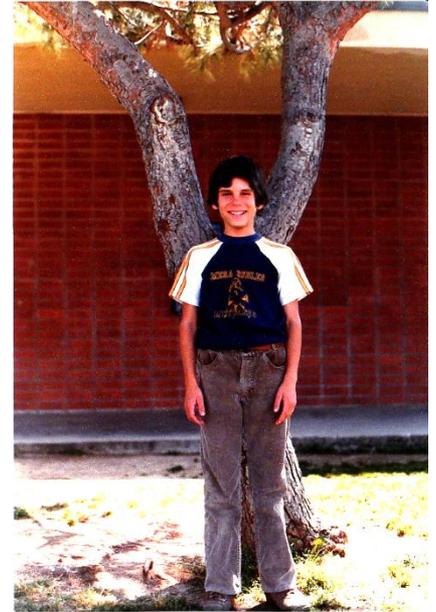
March 2014

epa.gov/foodscraps/tools



EPA Guide for K-12 Food Recovery

- Addresses the Food Recovery Hierarchy
- Provides information on K-12
 - Source Reduction
- USDA Food & Nutrition Service guidance
 - Offer vs. Serve
 - Surplus Food Donation



epa.gov/schools/downloads/guide-for-k-12-schools-food-recovery.pdf



Wastes - Resource Conservation

Share

- Wastes Home
- Resource Conservation Home
- SMM Home
- Federal Green Challenge
- Food Recovery Challenge
- Electronics Challenge
- Information Resources
- Laws & Regulations
- Educational Materials



You are here: [EPA Home](#) » [Wastes](#) » [Resource Conservation](#) » [Sustainable Materials Management](#) » [Food Recovery Challenge](#)

Sustainable Materials Management Food Recovery Challenge



CHANGING HOW WE THINK ABOUT OUR RESOURCES FOR A BETTER TOMORROW

The Food Recovery Challenge (FRC) is part of EPA's Sustainable Materials Management Program, which seeks to reduce the environmental impact of materials through their entire life cycle, including how they are extracted, manufactured, distributed, used, reused, recycled, and disposed. Through the FRC, the EPA is partnering with organizations and businesses to [prevent and reduce wasted food](#). Challenge participants save money, help communities, and protect the environment by purchasing less, [donating extra food](#), and [composting](#).



Join the FRC

[Learn about](#) the benefits of joining and how to join as a participant or endorser.



Participants have [resources](#) available to help reduce wasted food, track data, and achieve goals.

What You Can Do

If you are a consumer, learn more about [how you can reduce](#) wasted food too.

A Complementary Challenge – U.S. Food Waste Challenge

The EPA and the U.S. Department of Agriculture (USDA) have joined forces in the [U.S. Food Waste Challenge](#) to raise awareness of the environmental, health and nutrition issues created by wasted food. Current and new FRC participants can join the U.S. Food Waste Challenge.

Why Join?

Be visible in your community by leading efforts to prevent and reduce wasted food. Get free technical assistance to help in planning, implementing, and tracking wasted food prevention and diversion activities. Your organization will be listed on both the EPA and USDA websites if you join both challenges!

WHAT'S NEW!

- 2015 FRC Award Information
- 2014 FRC Award Winners Announced

Video: See what food banks and the grocery industry is saying about the Food Recovery Challenge
[EXIT Disclaimer](#) [YouTube](#)

Participant and Endorser Information

- Current Participants and Endorsers
- 2014 FRC Award Winners Announced
- Success Stories

Webinars

Topic: Milestone 4: Measuring Impact
Date: April 23, 2015
Time: 1:00 PM - 3:00 PM (EST)
[Webinar Registration](#) [EXIT Disclaimer](#)

[Sustainable Food Management Webinar Archive](#)



EPA's Sustainable Materials Management Program seeks to reduce the environmental impact of a material throughout its entire life cycle, including how it is extracted, manufactured, distributed, used, recycled, and disposed. We are conserving resources for future generations by changing the way our society protects the environment. [Learn more.](#)

Participants and Endorsers

- **Participants** track and reduce wasted food.
- **Endorsers** promote sustainable food management.



Sustainable Materials Management

Food Recovery Challenge

The logo for "Rethink" features a green recycling symbol to the left of the word "Rethink" in a bold, blue, sans-serif font.

Changing how we think about our resources today for our children's tomorrow

Who's who in the Food Recovery Challenge (FRC)?

- 790 participants and endorsers, nationwide.





For the Home

**TOO GOOD
TO WASTE**

Goal: To prevent household wasted food

- **Main message:** *Food is too essential to throw away.*
- **Implementation guide**
- **Behavior change tools**
- **Outreach Tools**

www.westcoastclimateforum.com/food





**TOO GOOD
TO WASTE**

Prevent wasted food at home.

25% decrease in
household food
waste!



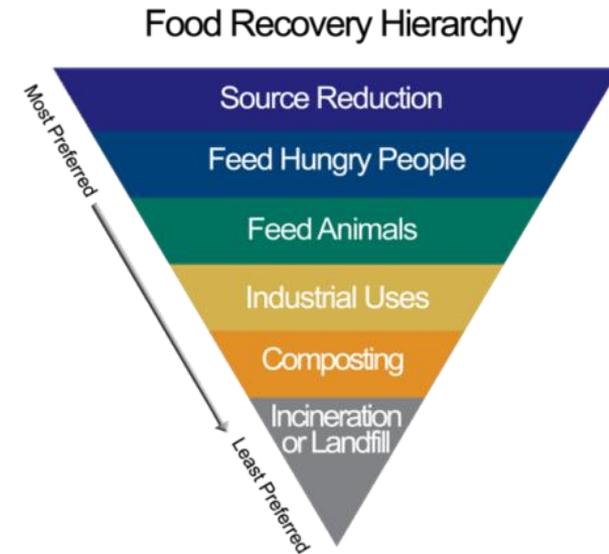
Saves a family of
four about
\$1600 per year!

Take Food Recovery Action Now!



Photo courtesy of USDA

- Measure your wasted food.
- Donate surplus food.
- Participate in the Food Recovery Challenge.



[EPA.GOV/FOODRECOVERY](https://www.epa.gov/foodrecovery)
[WESTCOASTCLIMATEFORUM.COM/FOOD](https://westcoastclimateforum.com/food)
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Sustainable Materials Management

Food Recovery Challenge



Changing how we think about our resources today for our children's tomorrow