

Let's talk about:

- Food waste
- Trends
- Sources
 Contributing factors
- Steps to reduce it

• Describe AgriLife Extension's *Get a Taste for Reducing Food Waste* curriculum and how it can be used to curb household food waste.





Let's chat: What do you think? What % of edible food goes to waste in the United States? A. 20% B. 30% C. 40%

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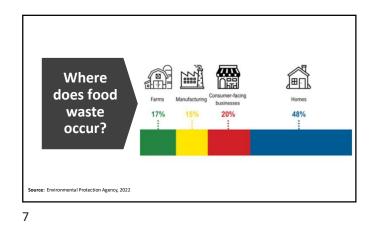
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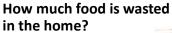


30-40%

Depending on methodology used and the sector of the food chain studied







422 grams/day (15 oz)

28.3 pounds of food **per person** per month



Source: Conrad et al., PLoS ONE, 2018

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Let's talk (chat) about it.

Think about the amount of edible food you throw out. Do you think that amount is more than, the same as, or less than the amount of food thrown out by the average person?

A. More than

- B. The same
- C. Less than

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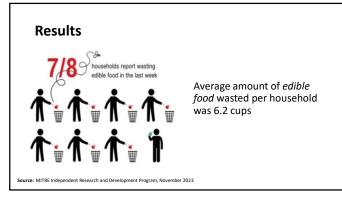
National Home Food Waste Study

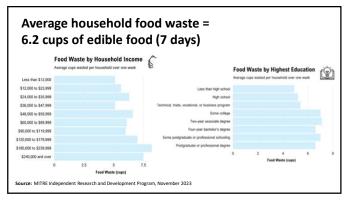
- Conducted by MITRE-Gallup group
- 9,259 households in the U.S.
- Food waste was defined as "any food disposed of at home via the trash bin, drain, garbage disposal, compost or animal feed"
 Participants were asked to identify food that was inedible
- Food waste tracked for one week and survey respondents identified their food waste in each of the MyPlate categories



Source: MITRE Independent Research and Development Program, November 2023

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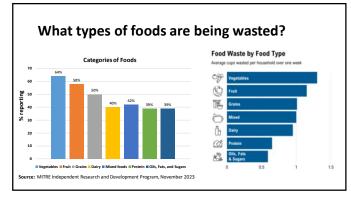












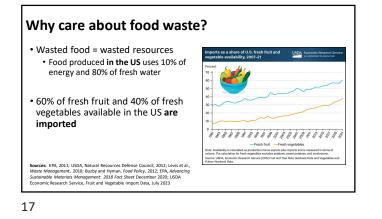


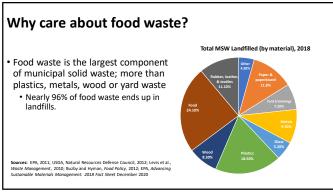
Foods Wasted Most Often

Fruits and vegetables (32.9%) Dairy (19.1%) Breads, cereals and grains (13.9%)

Dairy
 Meal, fab, poultry, eggs
Fruits and wegstables
 Added sugars/sweetners
 Grains, cereal, bread
 Added oils and fats
 Other

Source: Adapted from Burby, Wells, and Hyman, USDA ERs; The Estimated Amount, Value and Calones of Posthonest: Food Lazzes at the Retail and Consum
Levels in the US, 2014 (2010 data).





Why the concern about food waste?

- Wasted food could be an opportunity to feed hungry people • Prevalence of food insecurity in Texas is 15.5% (up from 13.7% in 2021) • National rate is 11.2% (up from 10.4% in 2021)
- Wasted food = wasted money
 - Estimated value of wasted food is \$310 billion (nationally) • Household value of food waste is \$1,500 annually

 - 81% of American households have expressed concern about food prices



BUY ONE

GET ONE

FREE!

Source: USDA, Economic Research Service. Household Food Security in the United States, 2022. Report #325, October 2023; MITRE Independent Research and Development Program, November 2023

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Why is food waste happening?

- Lack of awareness about how much food is wasted
- Our desire to eat only the freshest (and "perfect") foods
- Spoilage (food spoils for several reasons)
- Impulse and bulk purchase that are not used/stored
- Poor (or no) planning (not thinking about family activities)
- · Not utilizing leftovers or food scraps that can be consumed or composted
- Preparing more food than what can be eaten
- Not using/preserving leftovers
- Concern about foodborne illness

Sources: Neff RA, Spiker ML, and Truant PL. Wasted Food: U.S. Consumers' Reported Awareness, Attitudes, and Behav Food Waste in America in 2021: Statistic & Facts. RTS, Food Waste Guide, 2021; Davenport ML et al., Resources, Cons MITRE Independent Research and Development Program, November 2023

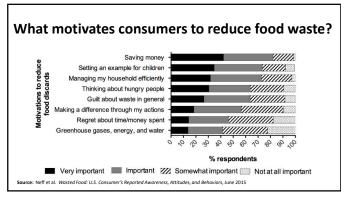
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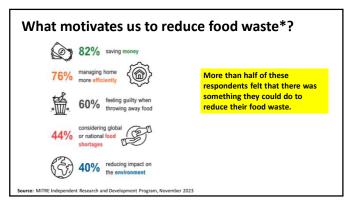
Other factors

- Dates stamped on food packages lots of confusion!!!
- Container/package size of foods may be too big for what we can use
- Food portions (when we eat out)

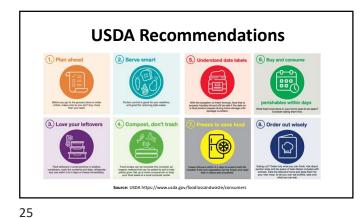
Sources: Davenport ML et al., Resources, Conservation & Recycling, 2019; Fo America in 2023: Statistics + Facts. RTS, 2023: Neff RA et al., Waste Manager











Meal Planning



- How many meals/snacks do you need this week?
 Think about family obligations, activities for the week
 Can dinner tonight be used for lunch tomorrow?
- How many will be eating?
- Start with **what you have on hand** (freezer, refrigerator, & pantry) • How many of us know what we have right now?
- Use a list when shopping

Have a purpose......Have a plan

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Meal Preparation

- Prepare the amount of food that you/family will eat or use (now or in the future)
 - Practice portion control when serving
 - Serve on smaller plates
- Pack leftovers in single-serve containers for future meals (use within 3-4 days)
- Freeze leftovers for future meals

Have a purpose.....Have a plan





Don't be confused by dates on food packages











Food Storage

• Store leftovers in clear containers so you can see them.

- Keep an inventory of what foods you have
- Date the foods you place in the freezer; practice FIFO for best quality

Have a purpose.....Have a plan (and store your food safely)



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Manage those leftovers – if you have them People who eat leftovers tend to **waste less food**.

Barriers to Using Leftovers			
Concern about safety/foodborne illness	Use within 3-4 days; maintain 40 degrees or cooler in the refrigerator		
"I didn't know was in there!"	Place leftovers in the refrigerator where they can be seen and easily accessed		
Leftovers are boring	Can they be repurposed into another meal/dish?		
Sense of guilt/sacrifice	Prepare less to avoid leftovers		

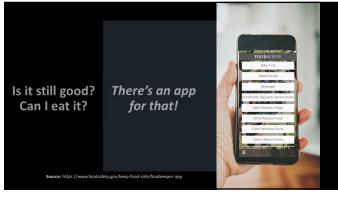
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Minimize takeout waste

 Portion sizes tend to be lar Do people eat leftovers from 	•	Eating colf Crose converte you can finise, And
Reasons for taking leftovers home	Reasons against taking leftovers home	entrees. Take the leftowers horne and losep the your next need. At enyon-on-ext cutoffs, ten what you can eas.
Save \$\$	Don't like the meal as a leftover	
Get 2 meals for the price of 1	Hard to transport the food home	
One less meal to cook	No place to refrigerate it (safety)	
Don't want to waste food	Too much of a hassle	
	Not sure when I would eat it	





National Strategy for reducing food loss and waste

• Prevent the loss of food where possible. • Prevent the waste of food where possible. • Increase the recycling rate for all organic waste.

https://www.usda.gov/sites/default/files/documents/food-waste-strategy.pdf

loss and waste prevention and organics recycling.

Main objectives

Goal: Reduce food waste by 50% by 2030



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AgriLife Extension's response to the charge of reducing home food waste

• Get a Taste for Reducing Food Waste • Problem with food waste

• Meal planning to reduce food waste

- Understanding the dates on food labels
- Home composting



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Final thoughts.....



Lots of food is being wasted that could be put to better use.

- Food waste has economic, environmental, and social consequences.
- When talking about food waste, know what matters to your audience.
- The desire for "fresh" and "perfect" foods fuel food waste.
- Date stamps on labels and fear of foodborne illness are also big contributors to food waste.

