No Time To Train

APRIL WORKSHOP

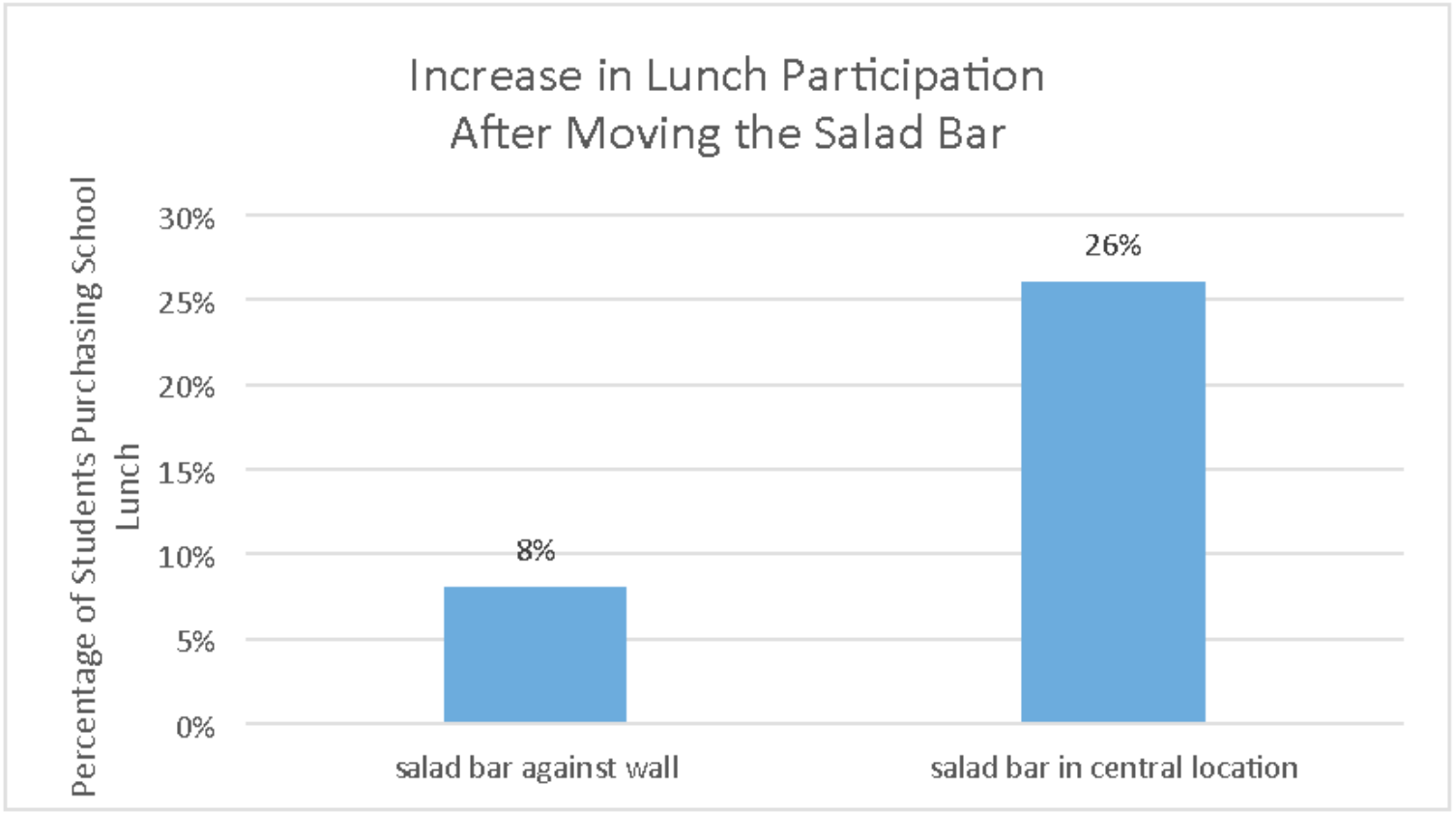
Data

Smarter Lunchrooms Movement

Cornell Center for Behavioral Economics in Child Nutrition Programs

WHAT IS DATA?

Data is **PROOF!**



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WHAT DOES PROOF LOOK LIKE?

- ⬆ Participation
- ⬆ Fruit, vegetable, white milk, or other target food consumption
- ⬇ Food waste
- ⬇ Selection of competitive foods while maintaining revenue

Photo by iStock

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HOW DO WE GENERATE THIS PROOF?

- **Careful record-keeping (data management)**
  - Production/Sales: # of students purchasing lunch (participation)
  - Sales: What students select
  - Tray waste: How much students eat vs. throw away
- **…both before and after the intervention**
- **Enter into a spreadsheet for analysis**

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TRAY WASTE RECORDS

- **Data collection**
  - Paper based
    - Visual estimates in real time
  - Electronic
    - Photographs, enter later
    - iPhone app
- **Information gained**
  - Amounts wasted → amounts consumed
  - Total eaten ÷ total sold = % eaten

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OVERVIEW

- **Collect data 2-3 days before and after making changes**
- **Gather menu info before lunch service**
- **Weigh full serving of each food offered**
- **Collect data from 150-200 trays**
  - Visual estimates: Measure how much was ***wasted***
    - Enter 0 when none was wasted
    - Enter 1 when ¼ was wasted
    - Enter 2 when ½ was wasted
    - Enter 3 when ¾ was wasted
    - Enter 4 when all was wasted
- **Other details**
  - Researcher name(s)
  - Tray number/match to lunch period
  - Date
  - School

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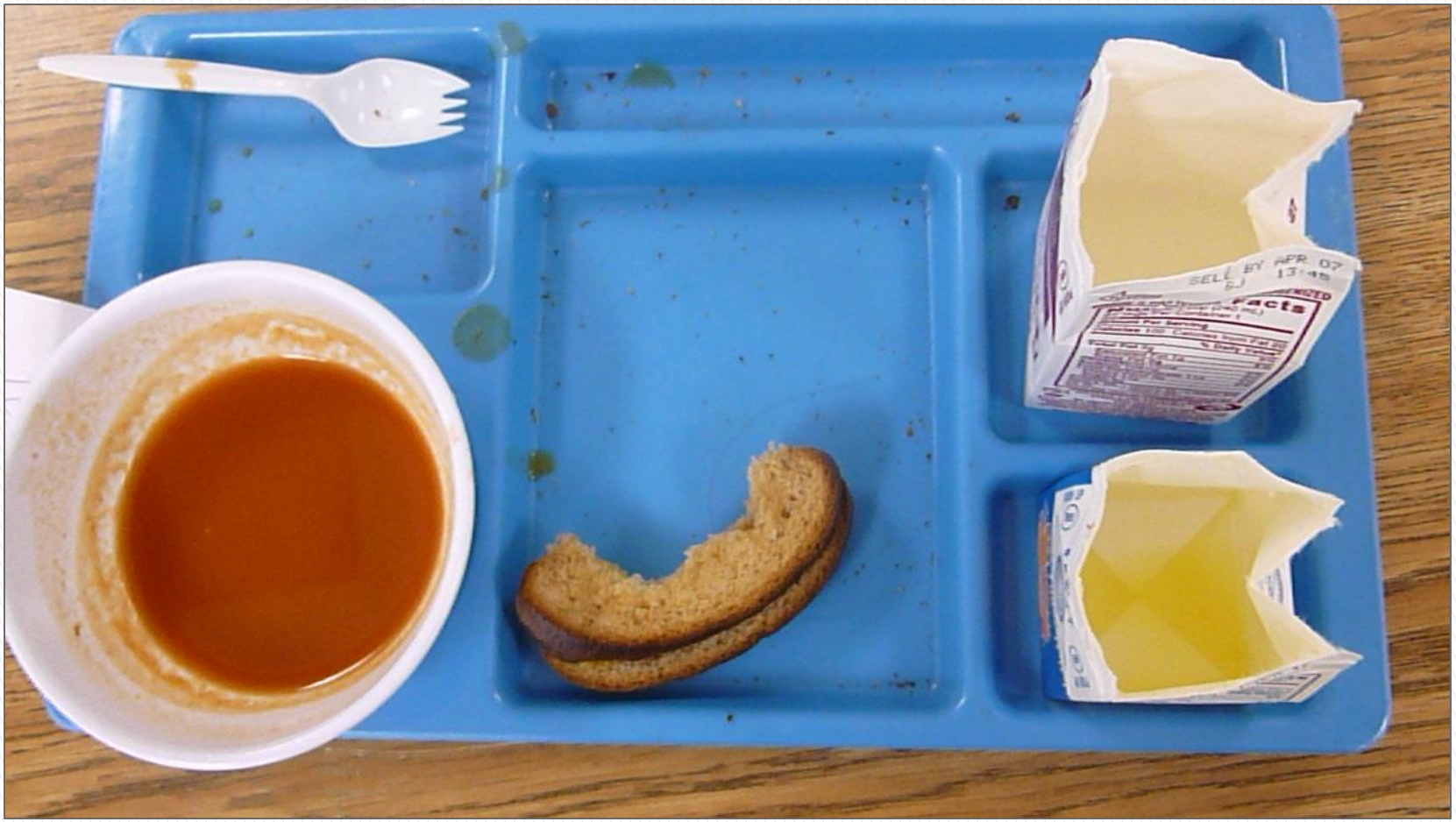
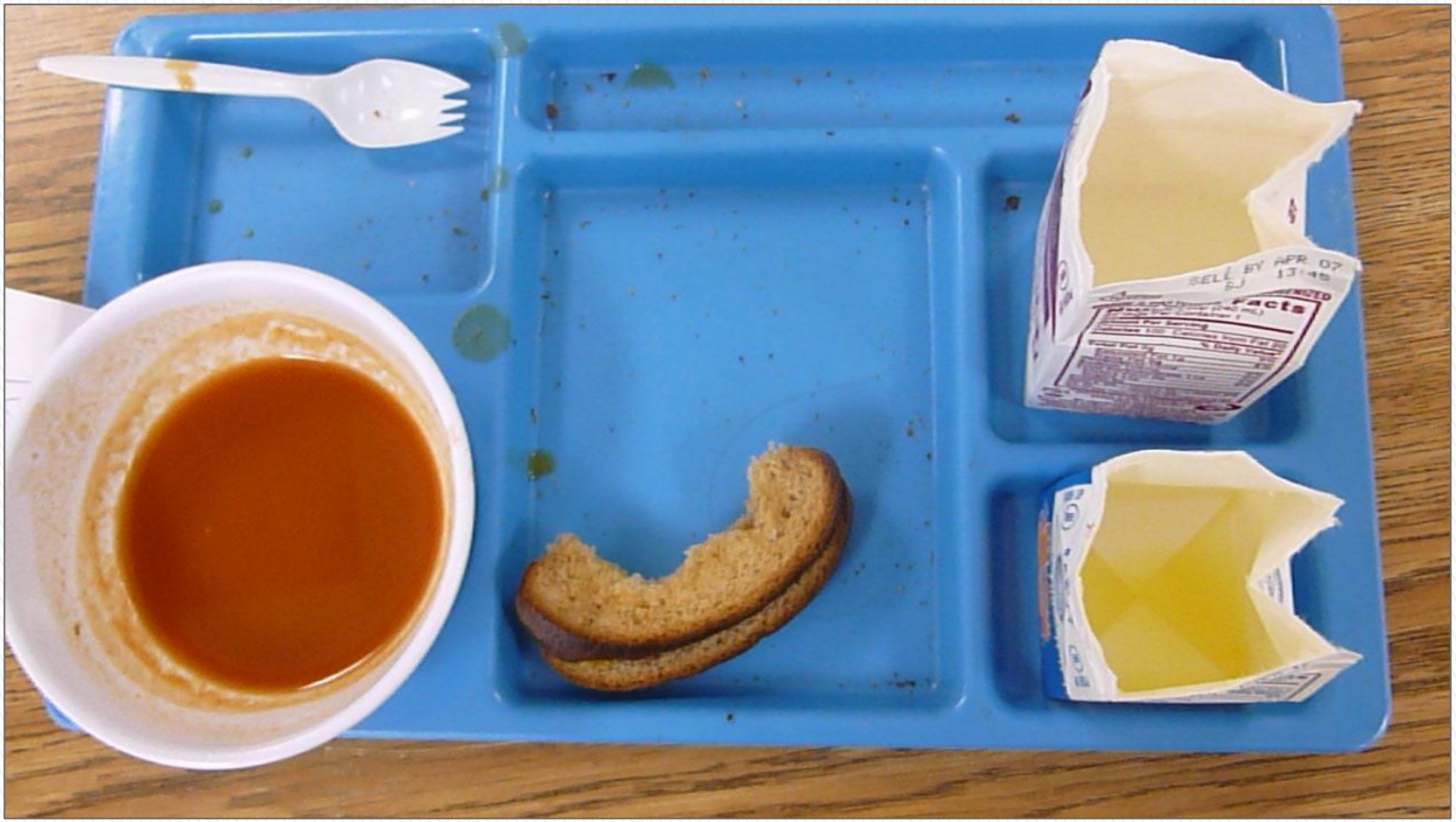
TRAY WASTE DATA COLLECTION SHEET

Smarter Lunchrooms Movement	Measured Weight	Researcher Name			Food Waste Initiative Study							Location	
Date		28-Nov	28-Nov	28-Nov	28-Nov	28-Nov	28-Nov	28-Nov	28-Nov	28-Nov	28-Nov	28-Nov	28-Nov
Wasted Food Item		1	2	3	4	5	6	7	8	9	10	11	12
Bagel							3			1			
Chicken Nuggets													
Chicken Strips		2	3	1	1	1		0.5			3	3	0.75
PBJ									0.75				
Yogurt							1			0.5			
AppleSauce													
Gravy					1	0.5		1					
Green Beans		0				0			0			0.5	
Rice			0.25		0.75	1		0.5			0.25	0	0
Salad											0		
Sunflower Seeds							0						



SERVINGS TAKEN:

Bowl of tomato soup
Cheese sandwich
Carton of juice
Carton of milk

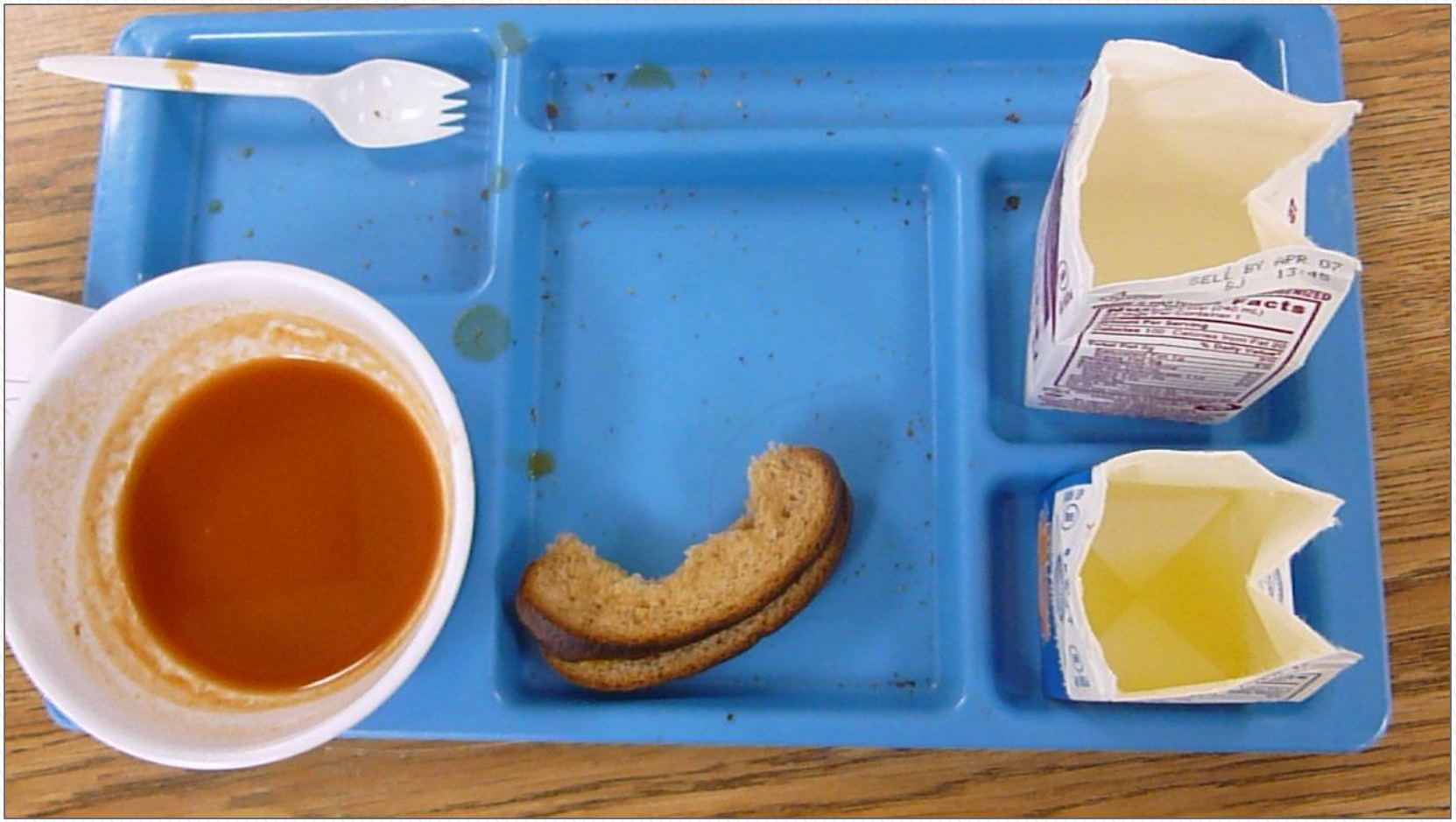


SERVINGS TAKEN:

Bowl of tomato soup
Cheese sandwich
Carton of juice
Carton of milk

SERVINGS WASTED:

¼ serving of soup
¼ serving of sandwich
No juice wasted
¼ milk wasted



THINGS TO NOTE:

Without looking inside cartons, it is difficult to determine waste

- **Use best judgment**

SERVINGS TAKEN:

Bowl of tomato soup
Cheese sandwich
Carton of juice
Carton of flavored milk
Pack of fun fruits

SERVINGS TAKEN:

Bowl of tomato soup
Cheese sandwich
Carton of juice
Carton of flavored milk
Pack of fun fruits

SERVINGS WASTED:

No tomato soup wasted
No cheese sandwich wasted
All juice wasted
No milk wasted
¼ serving fun fruits wasted

THINGS TO NOTE:

- **When none of an item is wasted (all is consumed), you must use visual clues on the tray to determine what the student took, if anything**
- **When estimating waste, think of the amount wasted relative to the full serving size and round up or down, per your judgment**

SMARTERLUNCHROOMS.ORG

For more information about Smarter Lunchrooms, including tray waste training videos and lesson plans, go to **SmarterLunchrooms.org**.

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