No Time To Train

APRIL WORKSHOP
WHAT IS DATA?

Data is PROOF!

Increase in Lunch Participation After Moving the Salad Bar

<table>
<thead>
<tr>
<th>Location</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salad bar against wall</td>
<td>8%</td>
</tr>
<tr>
<td>Salad bar in central location</td>
<td>26%</td>
</tr>
</tbody>
</table>
WHAT DOES PROOF LOOK LIKE?

↑ Participation

↑ Fruit, vegetable, white milk, or other target food consumption

↓ Food waste

↓ Selection of competitive foods while maintaining revenue
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
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
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
## TRAY WASTE DATA COLLECTION SHEET

<table>
<thead>
<tr>
<th>Date</th>
<th>Measured Weight</th>
<th>Researcher Name</th>
<th>Food Waste Initiative Study</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Location</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wasted Food Item</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bagel</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Chicken Nuggets</td>
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<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Chicken Strips</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>3</td>
<td>0.75</td>
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<tr>
<td>PBJ</td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td>0.75</td>
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<tr>
<td>Yogurt</td>
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<td></td>
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<td></td>
<td></td>
<td>1</td>
<td></td>
<td>0.5</td>
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<tr>
<td>AppleSauce</td>
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<tr>
<td>Gravy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>0.5</td>
<td>1</td>
<td></td>
<td></td>
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<tr>
<td>Green Beans</td>
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<td></td>
<td></td>
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<td></td>
<td>0</td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td>Rice</td>
<td>0.25</td>
<td>0.75</td>
<td>1</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.25</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Salad</td>
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<td></td>
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<td></td>
<td></td>
<td>0</td>
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<tr>
<td>Sunflower Seeds</td>
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<td></td>
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<td></td>
<td></td>
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<td>0</td>
</tr>
</tbody>
</table>
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.