Reducing Food Waste Efforts At
Second Harvest Foodbank of Southern Wisconsin

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COO
## Recent Results

**Total Trash**

<table>
<thead>
<tr>
<th>Year</th>
<th>Gross Receipts</th>
<th>Trash Percentage</th>
<th>Trash (Weight)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY16</td>
<td>16.7M#</td>
<td>3.4%</td>
<td>564K#</td>
</tr>
<tr>
<td>FY17</td>
<td>17.1M#</td>
<td>3.2%</td>
<td>547K#</td>
</tr>
<tr>
<td>FYTD18</td>
<td>11.6M#</td>
<td>2.4%*</td>
<td>417K#</td>
</tr>
</tbody>
</table>

*These results are at a time when we will have increased produce distribution by ½ million pounds.*
Trash Factor used in Strategic Planning towards our Distribution goals.

- In the past we used a trash factor of over 8% towards budgeting.
- This has been reduced each of the past 3 years.
- Our internal goal this year is 2.7% trash.

Trash reduction has a positive impact on the Purchasing side of our Budget…the more food we rescue the lower our expenses are.
Good Supply Chain Habits

- Produce – Quick inventory turns are balanced with Pantry demand and varying size Mobile Pantries (29 per month, averaging 185 Households served, min 50, max 460)

- Shelf stable core items may have slower turn rates due to longer use by dates, we strive to turn our inventory creating better variety for our Pantry partners and their guests.

- FIFO procedures stay crisp as we increase our inventory turns. (We will turn inventory 16 times this year overall).

- In the past 2 years SHFB has completed a large scale barcoding project, as well as implementing weekly reporting metrics around aging product.
Financial Impact - Transportation

Foodbank inventory varies from bank to bank. Crops vary, as do Manufacturing bases. **While watching use by dates**, we have the ability to trade product (with the partnership of our donors) with other foodbanks.
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The down side is cost of movement.
Push

As product approaches it’s use by date, we move into a PUSH mentality.

- Work with Pantries to adjust their order mix
- Work internally to adjust Mobile Pantry order mix
- Work with Partner Foodbanks

- Our Supply Chain efforts are critical at a time when our donors have changed their markdown procedures, and we are obtaining rescued product later in it’s lifespan.
Financial Impact – Staffing & Projects

SHFB has 50 FTE and we will utilize 56K Volunteer Hours this year.

Handling less waste
• Keeps our staffing budget in line
• Allows us to run longer Volunteer projects, less set up time due to smaller waste projects.
• Keeps our Volunteer experiences more positive and valued by our teams.

• Produce Sorting – Saturdays only… saves freshness for Agencies
• SHFB typically has 20K-60K pounds of cheese on hand in our DC.
• Much of it arrives as block, or trim.
• Very few Foodbanks can handle cheese in the fashion we do…
Bulk Projects
Bulk Projects
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- Kroger’s / Roundy’s Salvage Program
- Partnering with Feeding America Eastern Wisconsin, together we will work **2.2M pounds** of dry items in the first year of this donation.
Food Distribution Coordinator moved to the Operations Tree.

- One more hammer toward breaking down ‘silos’
- Core inventory decisions…ROP/ROQ/Safety Stock
- Team receiving decision regarding ‘Instant Donations’
- Integral in Project Meetings, added eye for core items needing sorting etc.
Food Rescue through Agency Pickups

- We currently have 80 agencies connected to over 200 local donors for pickups.
- Product has 48 more hours of freshness.
- Pantries report poundage into Meal Connect Website, or Mobile App.
- **THANK YOU AGENCIES FOR YOUR EFFORTS!!**
FRAP

Food Rescue through Agency Pickups
- Second Harvest utilizes FRAP strategically in efforts to
  - Reduce SHFB’s carbon footprint
  - Reduce SHFB’s transportation expense
87% of the food we take in is donated.

We have had to have hard conversations with good friends.

If a product does not move well, we have reduced, or eliminated pickups of those items.

This is driven by the Pantries.

Often times, this can be tied to Pantries wanting a more nutritious inventory.

Currently 70% of the food SHFB distributes is considered a “Food to Encourage.” which has improved 1% annually over the last 3 years.
JUST BECAUSE YOU'RE TRASH DOESN'T MEAN YOU CAN'T DO GREAT THINGS.

IT IS CALLED GARBAGE CAN, NOT GARBAGE CANNOT.
Third Harvest

Of SHFB’s current 2.4% trash rate, over half of it will go to feed farm animals.
Digester

SHFB has an onsite digester, helping us keep spoiled food out of the landfills.

We also work with a larger local digester, that can remove containers.

Methane is produced from the digester and is used to power two generators on site. The finished digested material is separated, liquid applied back on farm fields as fertilizer, and fibrous material used as soil amendment or cow bedding.
I’ll leave you with my Why…

‘Why do you do what you do?’