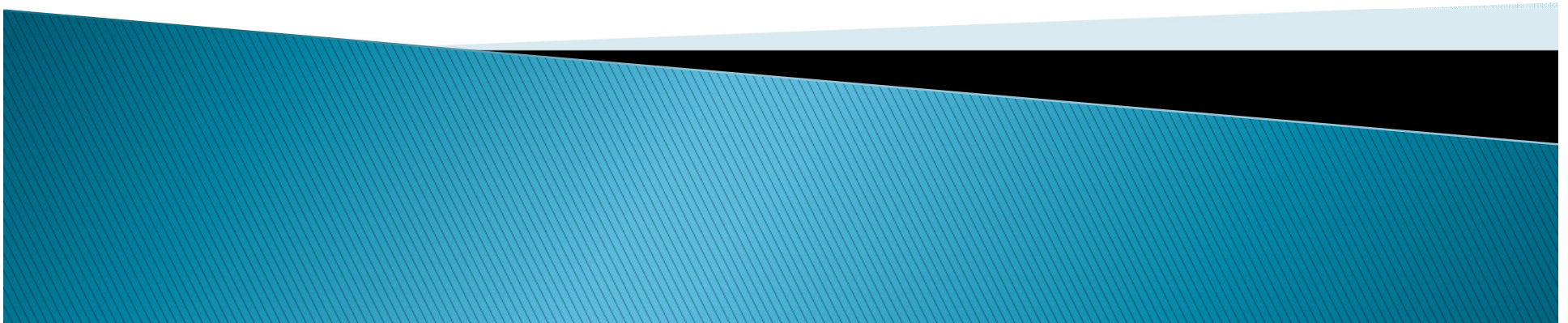


Childhood Hunger & Summer Feeding Sites

#feedthehungry



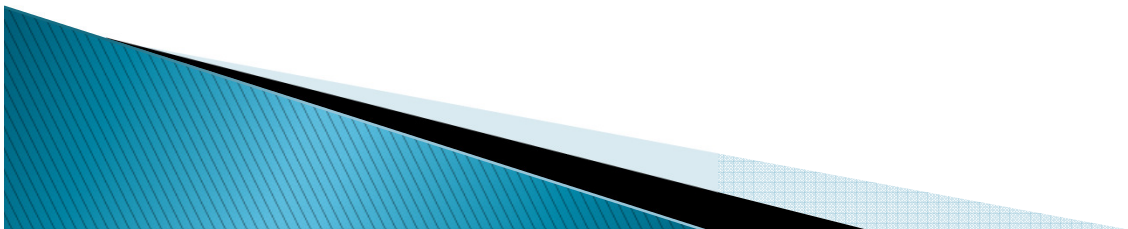
Persuasive Video Proposal: Data Science Motivates a Solution to Hunger

- ▶ INTRO Reducing hunger in our community is a problem of social will and data science can help us **ACT!**



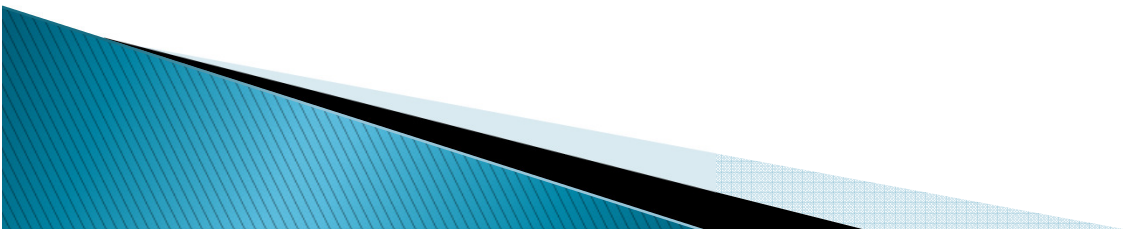
Our team

- David Chen – INTENSITY OF PROBLEM
- Dhruv Sakalley & Rock Pereira – CURRENT SOLUTION
- Lauren Miller & Rick Pack – POTENTIAL SOLUTION ENHANCEMENT

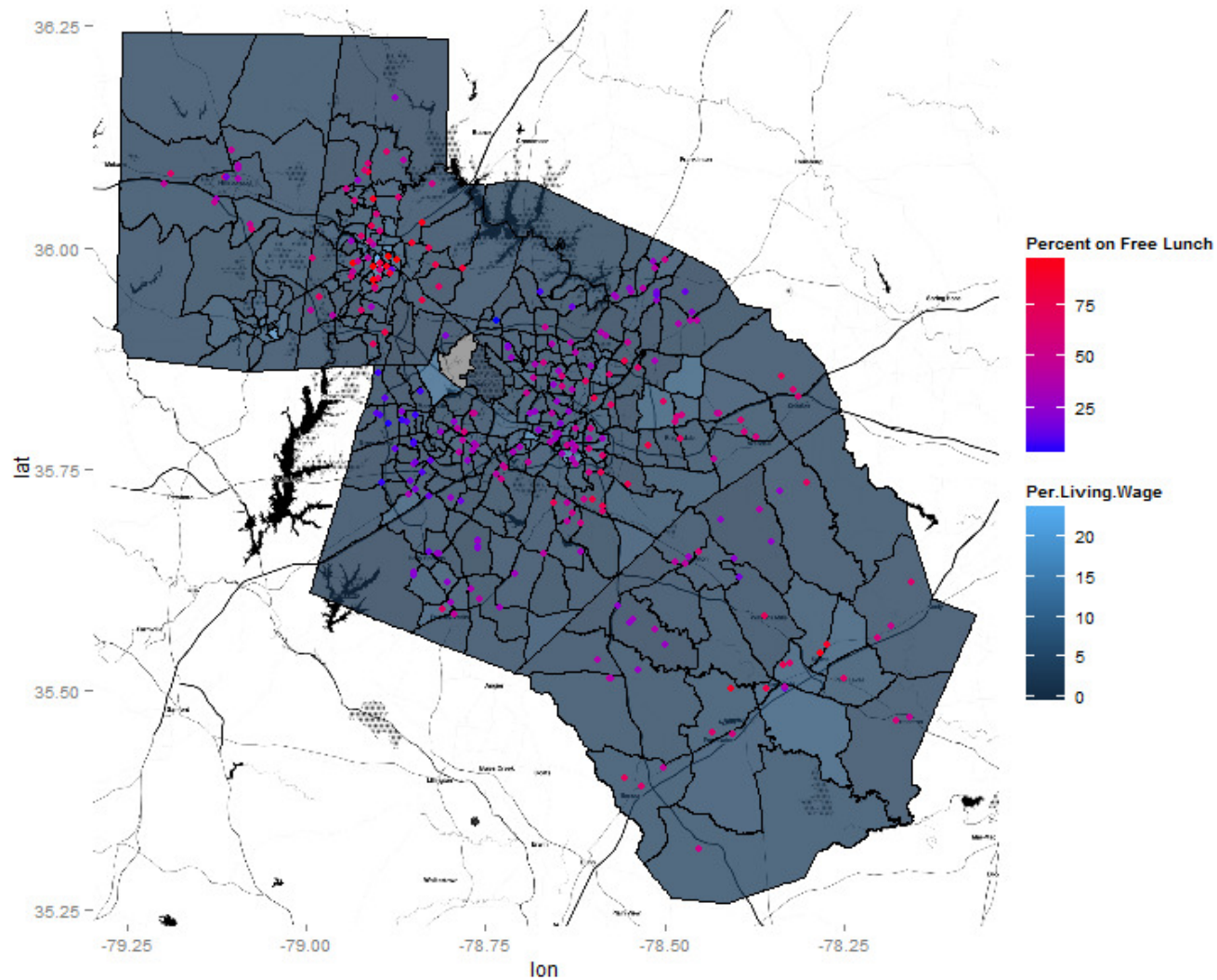


1 min

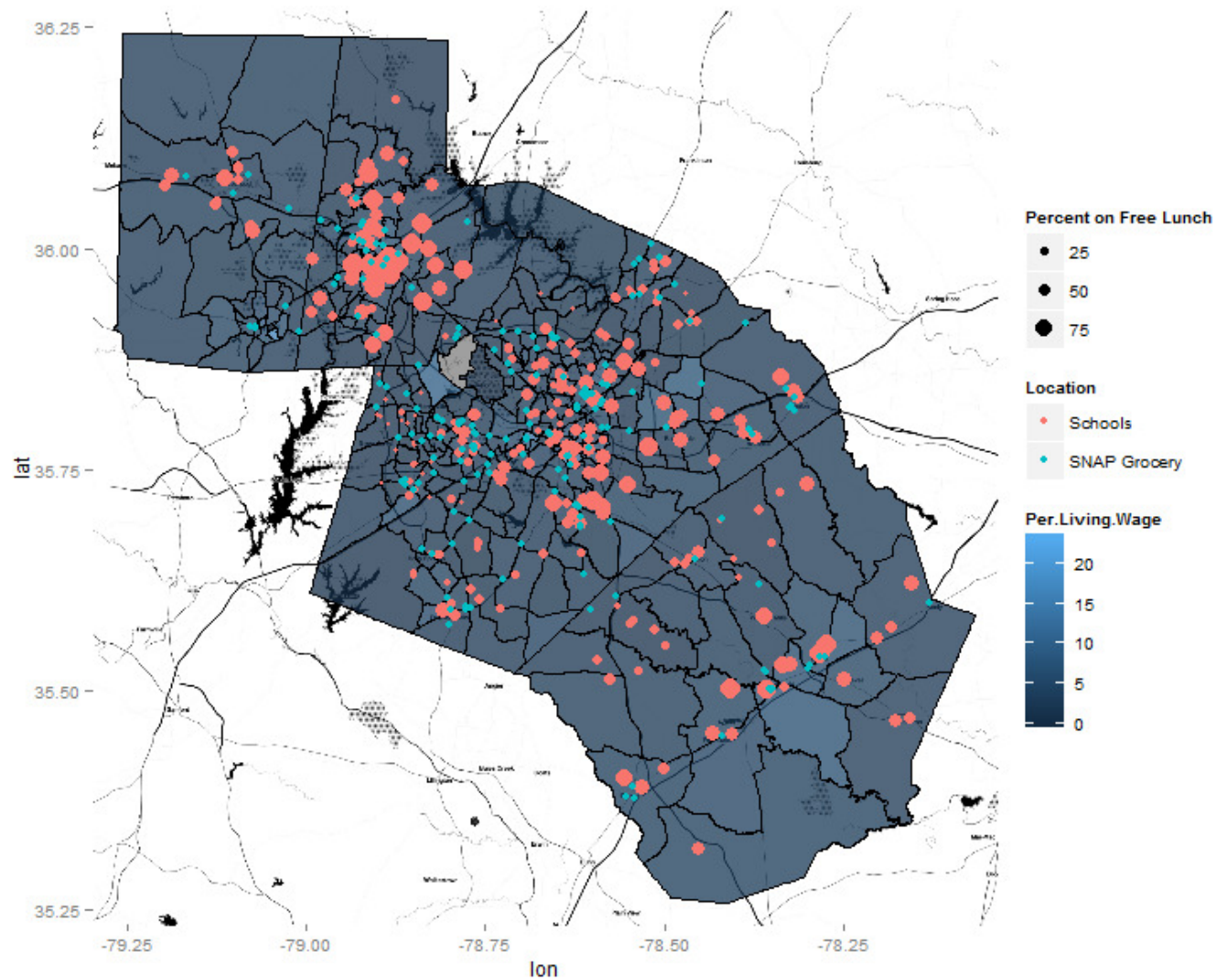
David Chen: Spatial Distribution of Poverty & Hunger



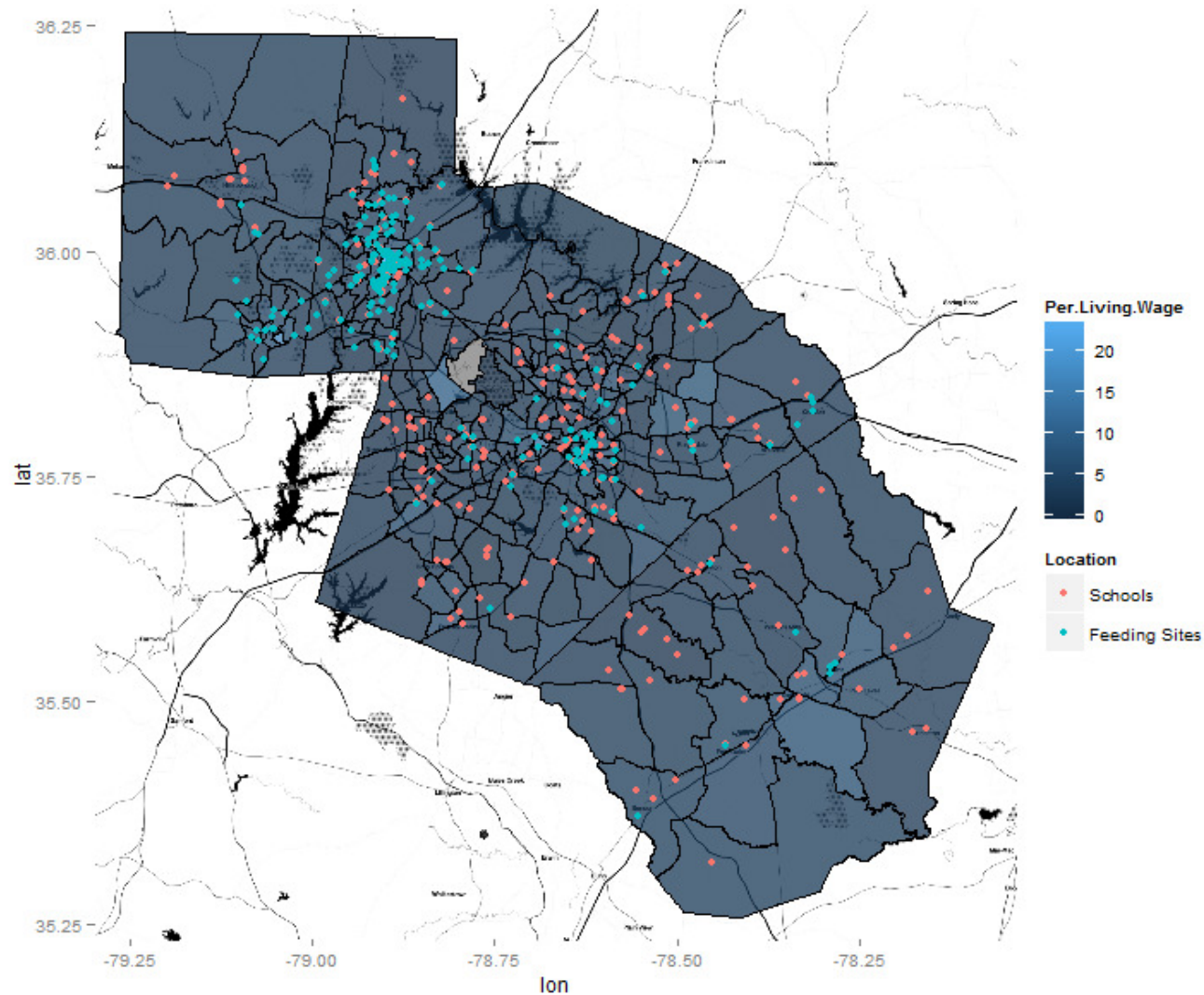
Living Wage & Free Lunch



Schools & SNAP Sites

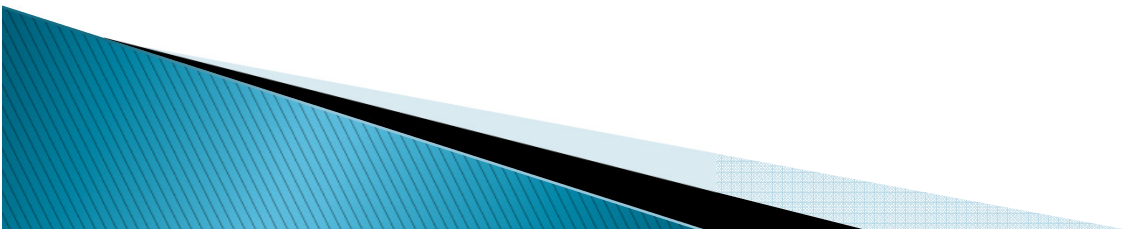


Schools & Feeding Sites

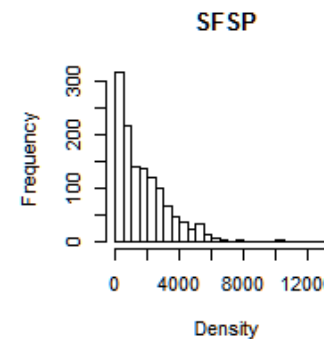
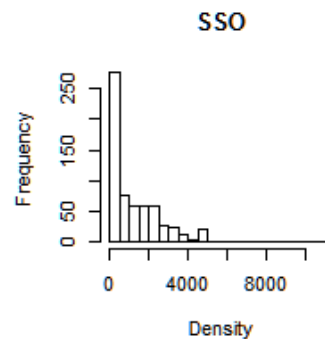
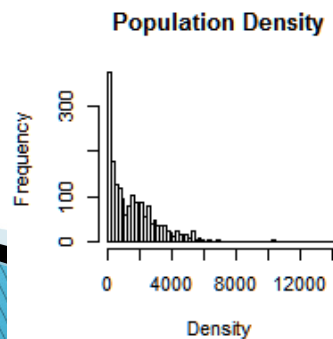
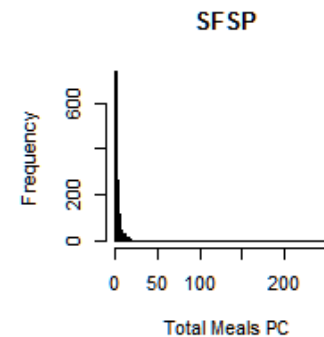
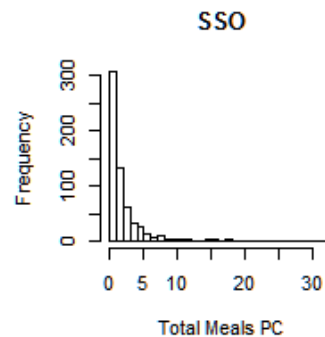
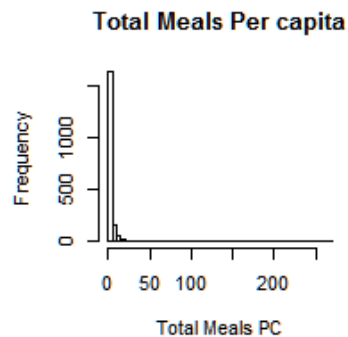
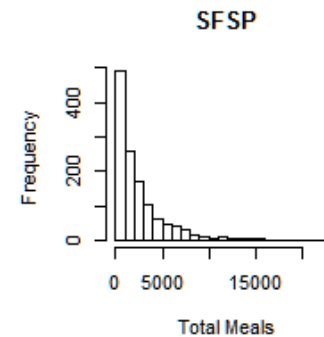
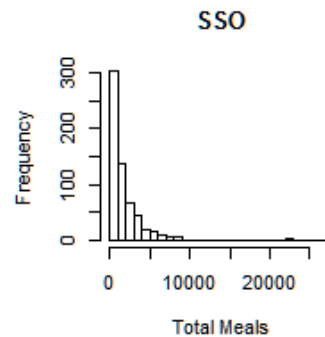
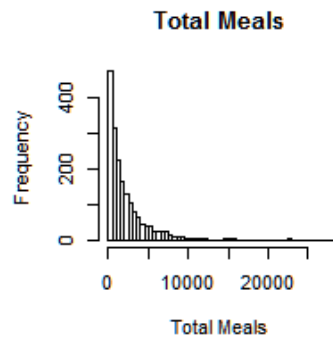


1.5 mins

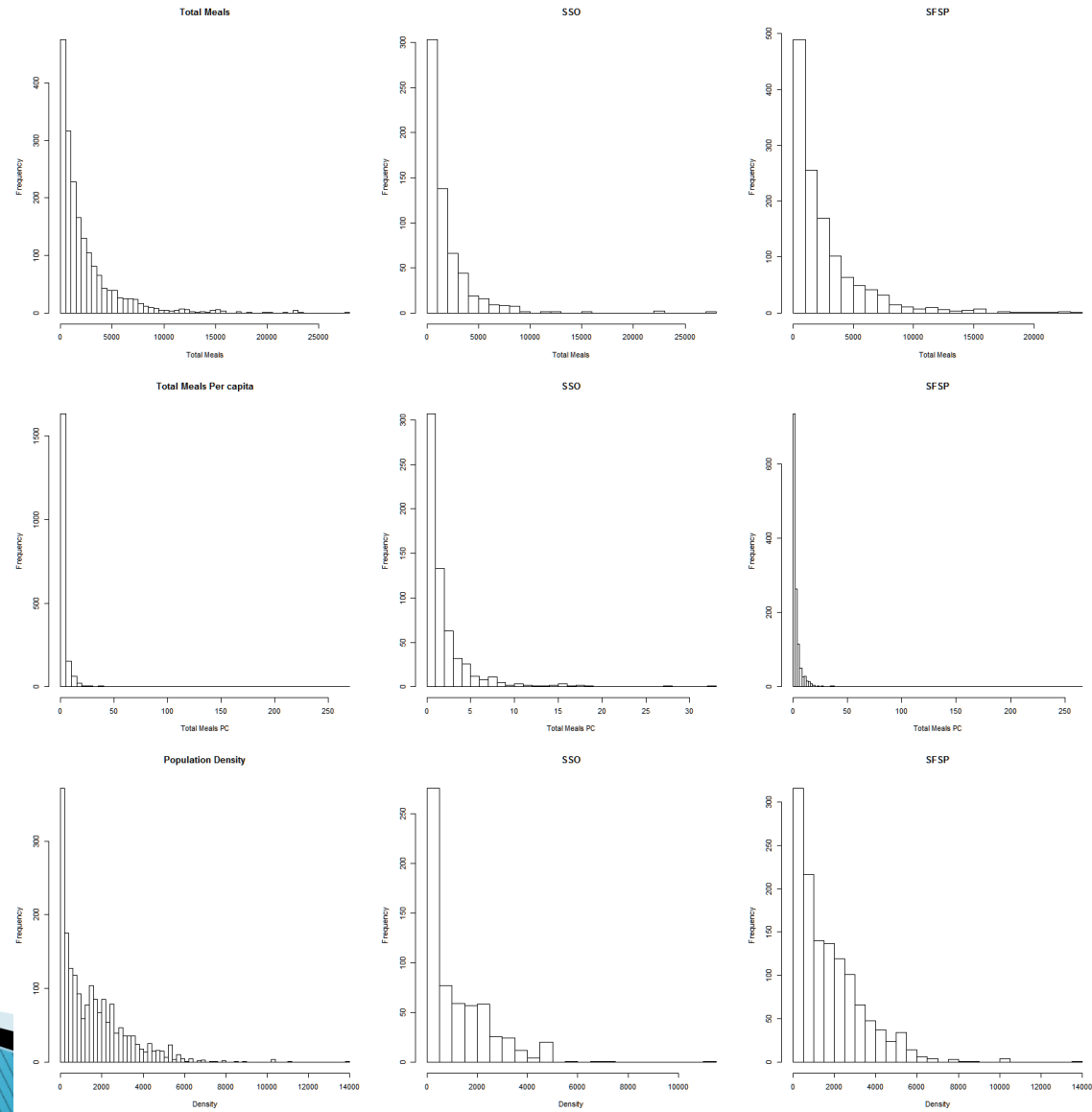
Dhruv Sakalley & Rock Pereira: Current Solution



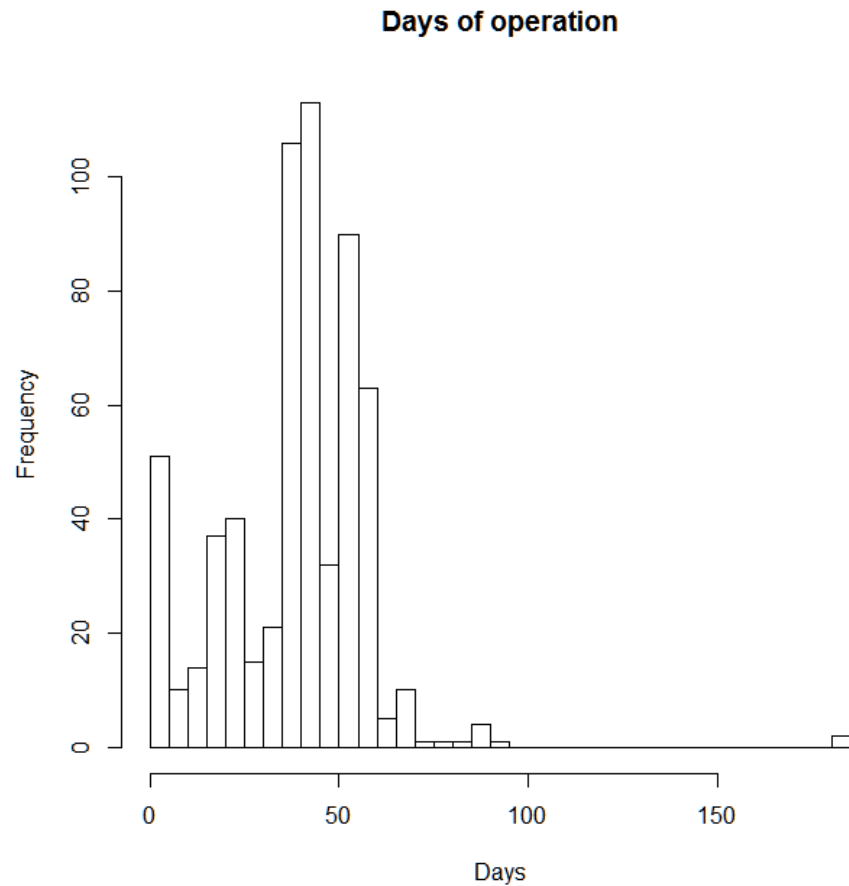
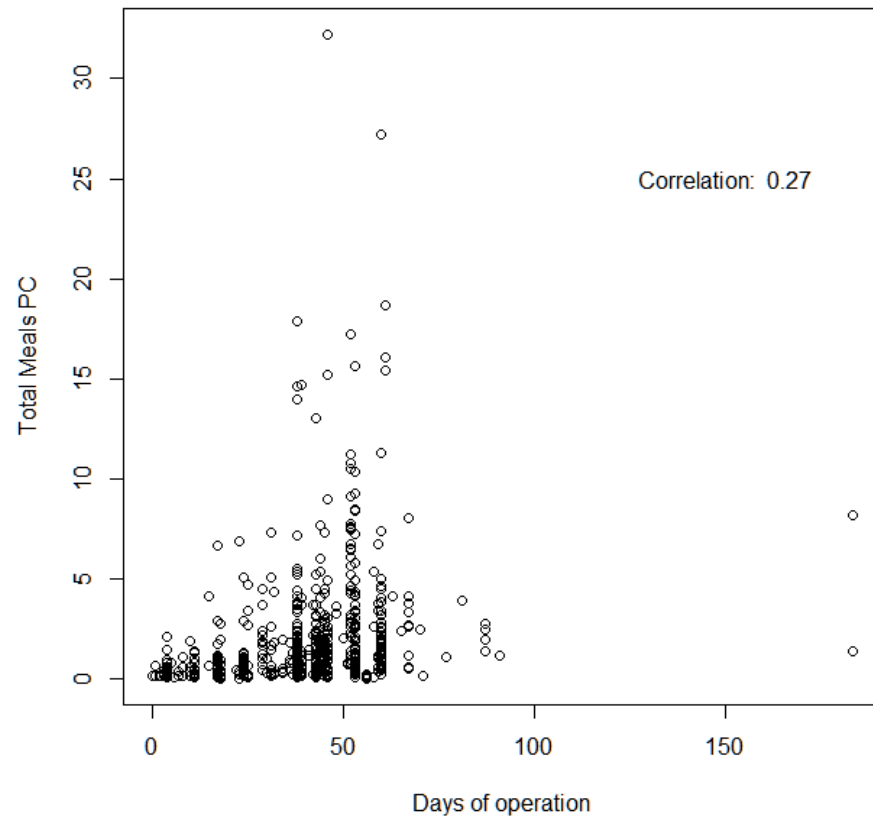
Feeding sites by program



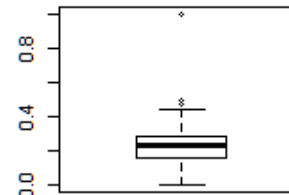
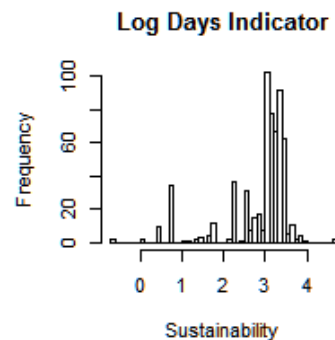
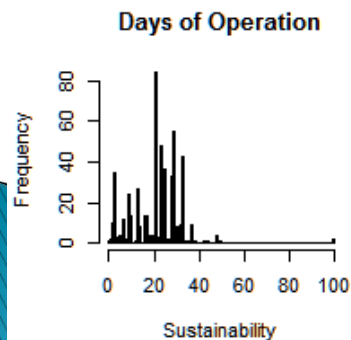
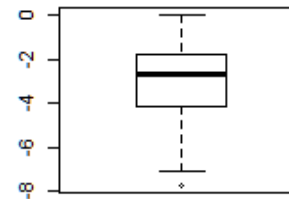
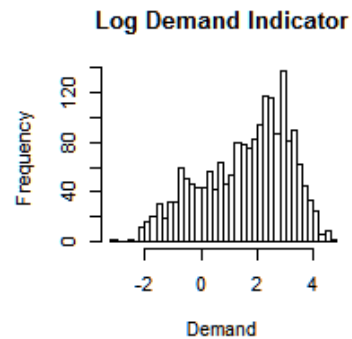
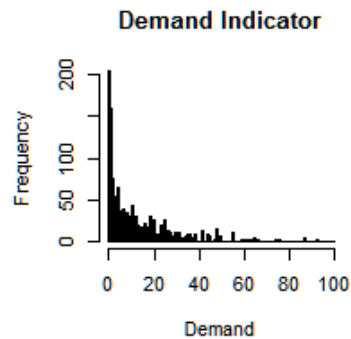
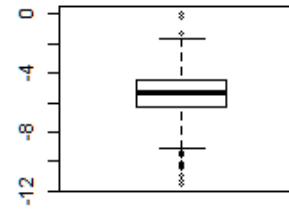
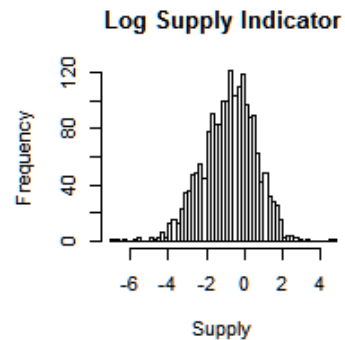
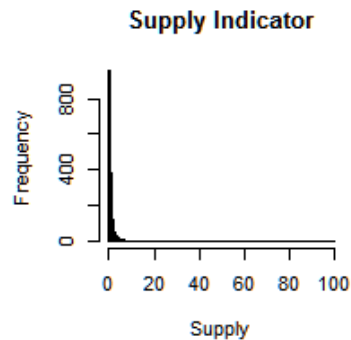
Feeding sites by program



Days of Operation



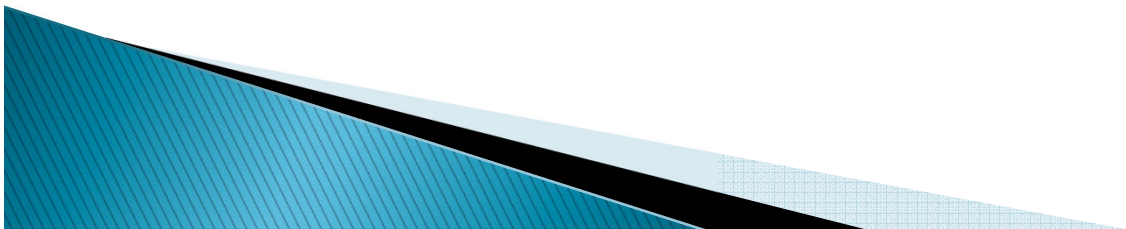
Indicators



Note: The top 5 SSO sites all had public transportation available for patrons.

1 min

Lauren Miller & Rick Pack: Financial Feasibility of Summer Feeding Sites



A simple analysis shows that feeding sites can be financially sustainable

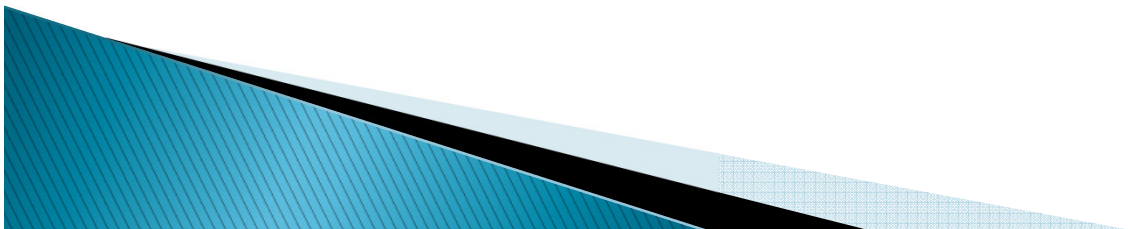
Sample Monthly Cash flow for Self Prep Site	
	June
Revenue	\$ 99,288
Breakfast reimbursement	\$ 24,930
Lunch reimbursement	\$ 74,358
Costs	\$ 72,326
Variable costs - breakfast	\$ 5,790
Variable costs - lunch	\$ 27,931
Variable costs - utensils	\$ 4,212
Salaries	\$ 13,210
Rent	\$ 2,000
Maintenance	\$ 500
Insurance	\$ 1,000
Food transportation	\$ 10,498
Marketing	\$ 1,000.00
Utilities	\$ 2,500
Incidentals	\$ 2,000
Cost of meals not consumed	\$ 1,686
Surplus for services	\$ 26,962

Note: Volunteers to supplement paid staff will be required

Note: Transportation cost for children not included

Resources made easy for business plans

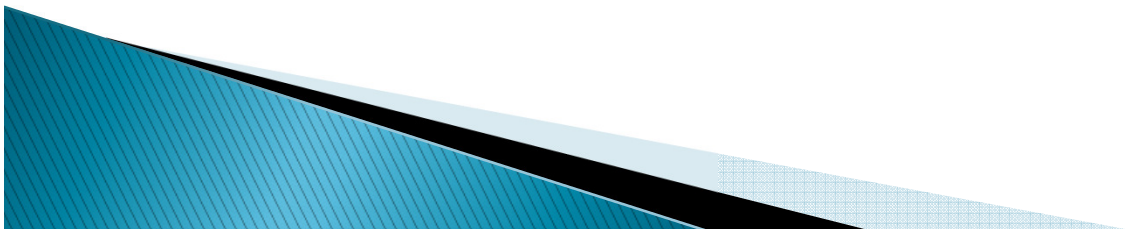
- ▶ Government reimbursements
 - [Government Publishing Office](#)
- ▶ Cost information
 - [Bureau of Labor Statistics](#)



We can do this!



KEEP
CALM
AND
FEED
ON



APPENDIX

»» Additional Resources

BREAKFAST



\$3.39 per
gallon



\$0.58 per
pound



\$0.58 per
pound

Federal government reimburses

\$2.08

LUNCH



\$3.39 per
gallon



\$0.58 per
pound



\$0.58 per
pound



\$0.58 per
pound



\$0.58 per
pound



\$0.58 per
pound

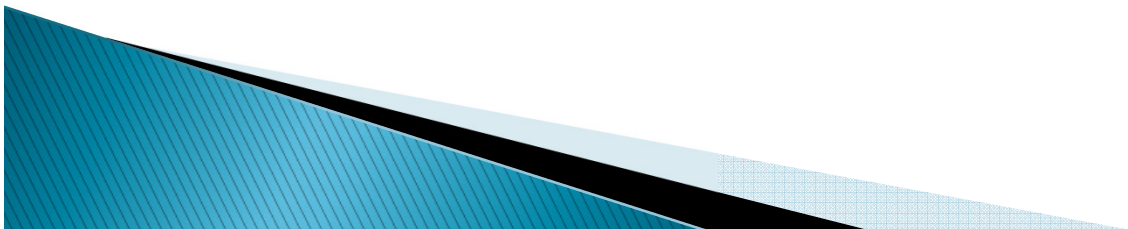
Federal government reimburses
\$3.65

MISCELLANY

- A local food pantry indicated \$0.27 per pound to store and transport a pound of food
- USDA indicates 1.2 pounds in a meal
- Natural gas \$0.85 / per square foot annually



- 250 8.5" plates for \$26.59 (\$0.10 per plate)
- 500 forks for \$12.39 (\$0.02 per fork)
- 2400 napkins for \$26.89 (\$0.01 per napkin)
- From Costco.com



RESOURCES

- Mid-Atlantic U.S. city average food costs. Bureau of Labor Statistics. http://www.bls.gov/regions/mid-atlantic/data/AverageRetailFoodAndEnergyPrices_USandMidwest_Table.htm
- Utensil costs (Solo products). <http://www.costco.com>
- Maximum federal government reimbursement through the USDA Summer Food Service Program in Summer, 2013. <http://www.fns.usda.gov/sfsp/frequently-asked-questions-faqs>

Leanne Brown: Low-cost cooking

<http://www.leannebrown.com/>

Cook for Good – Save Money. Eat Well. Make a Difference.

<http://cookforgood.com/>

