

Turning Food Waste into Food Security

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Problem



FOOD INSECURITY

1 in 6 people are food insecure in the United States



CAUSES

Rising cost of living =/+ Stagnant or dropping wages



Stigmas associated with help from



Food Banks



Low access to grocery stores



FOOD WASTE

40% of all food produced in the United States ends up in landfills

HARMFUL TO ENVIRONMENT

Food in landfills



Traps 100x more heat than CO2

Climate Change



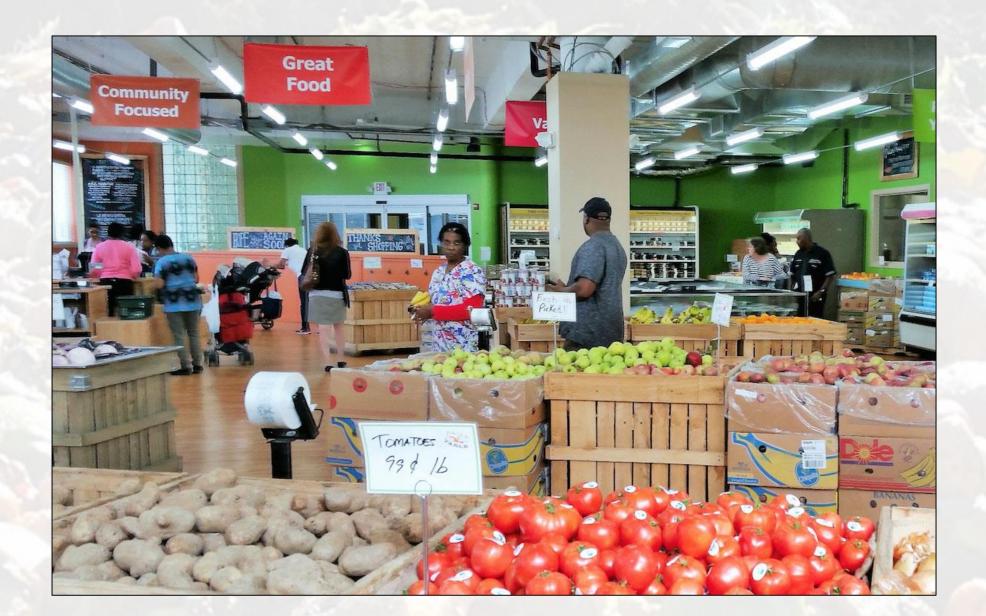
Indirect waste of economic and environmental resources



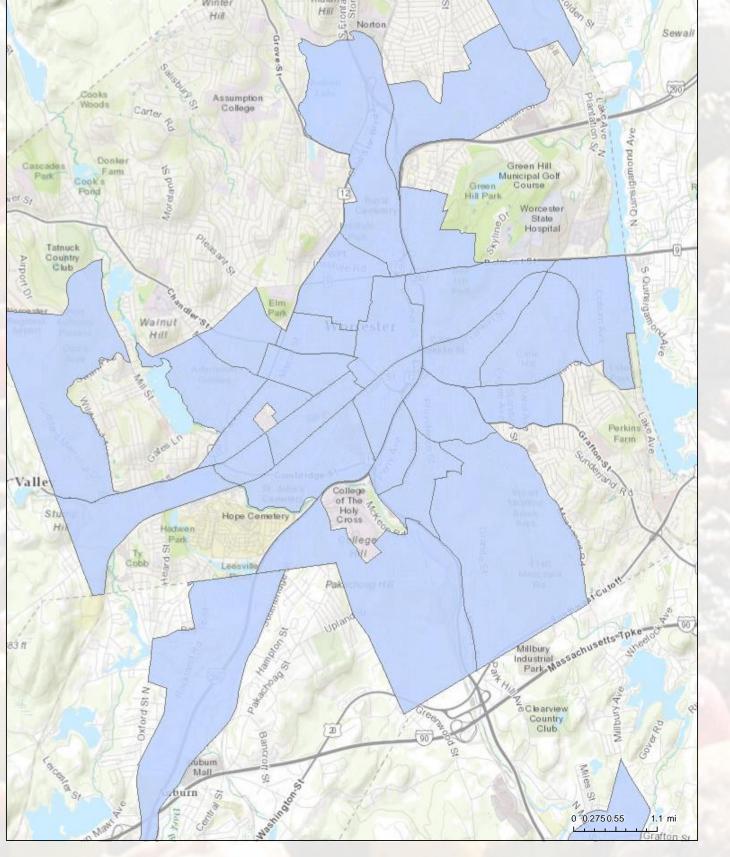
Potential Solution

The Daily Table is a grocery store that sells repurposed food for a discounted price. It has reduced food waste and insecurity in Dorchester, MA. Key Benefits:

- Diverts food from landfills
- Provides affordable & nutritious food "with dignity"



Results



(USDA)

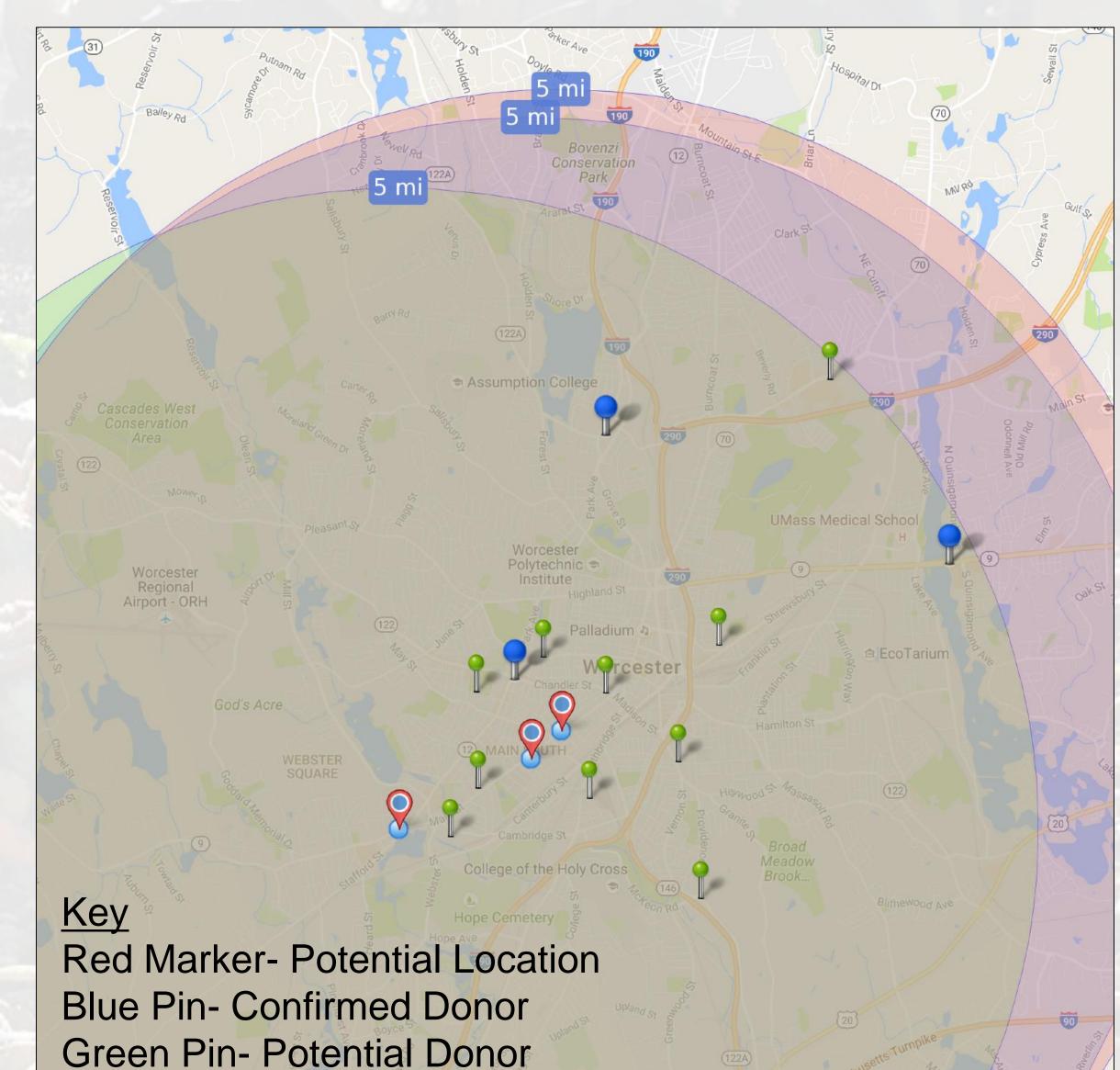
Food Deserts

Low Income Areas (USDA)

In the overlap of these maps would be the ideal area to implement a store similar to the Daily Table. 120,000 people live in these overlapping areas.

Recommendation

We recommend the implementation of a store similar to the Daily Table at one of the specified locations.



	Location 1	Location 2	Location 3
Industrial Kitchen	X	X	
Available Parking	X	Х	
Closest to a Food Desert		Х	
Cheapest	X		
Largest	X		
5 Stores Within 5 Mile Radius	X	Х	X

Assessment

The map above shows three ideal locations for a store similar to the Daily Table. Potential donors within a 5 mile radius are marked by blue and green pins. Location 1 is the most optimal when evaluated by our decision matrix.

References & Acknowledgements

Librarian at WPI

Jean McMurray, Executive Director at Worcester Count Food Bank; Fredi Shonkoff, Senior Vice President at Th Daily Table; Rebecca Ziino, Research and Instruction