



The reproduction of MG analysis into community storyboards was made possible by these kind sponsors. Thank you! We also thank and acknowledge the former LaSalle Bank for funding the original study:
Examining the Impact of Food Deserts on Public Health in Detroit.
Last but not least, thank you to the Detroit residents themselves, for their can-do spirit to improve their local food environment.

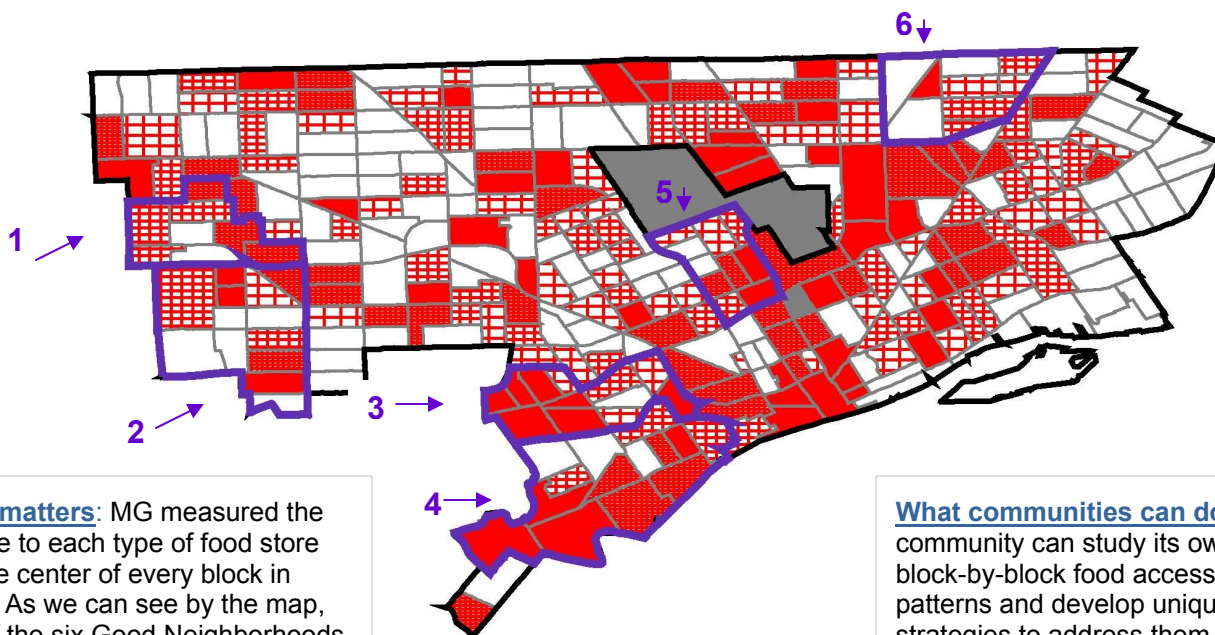
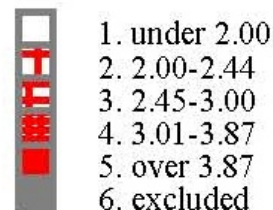
Storyboard #4 of 10

Detroit and Metro Detroit Out-of-Balance Areas by Tract (Food Balance Scores of 2 or More)

Good Neighborhoods Initiative. Neighborhoods outlined in purple

1. Brightmoor
2. Cody / Rouge
3. Chadsey / Condon
4. Vernor
5. Northend
6. Osborn

Food Balance Scores under 2.00 are areas that are more in-balance in terms of food choice, and those areas are shaded in white.



Why it matters: MG measured the distance to each type of food store from the center of every block in Detroit. As we can see by the map, each of the six Good Neighborhoods suffer to some degree from Food Imbalance, meaning that fringe food venues are relatively close, and mainstream food venues are relatively far. In short, where there is a greater access to mainstream grocery stores, premature death and suffering from diet-related diseases decreases. These effects are independent from other contributing factors such as income, race, and education.

Examples
Mainstream food venue is 1 mile away and fringe food venue is .5 miles away $1/.5 = 2$
NOTE: Because Detroit has so many scores over 2, we shade them in deeper and deeper shades of red beginning at scores of 2
Mainstream food venue is 1 mile away and a fringe food venue is 1 mile away $1/1 = 1$
Mainstream food venue is .5 mile away and a fringe food venue is 1 mile away $.5/1 = .5$

What communities can do: Each community can study its own block-by-block food access patterns and develop unique strategies to address them. For example, the March 10th "Eliminating Food Deserts" symposium that these storyboards are part of can be replicated community-by-community throughout Detroit, perhaps starting with each Good Neighborhood community. Residents are encouraged to develop their own storyboards, too. Tell us your ideas about food access challenges and solutions.