

Health Neighborhood, Healthy Neighbor?

Does the balance of food options in a neighborhood affect health outcomes?

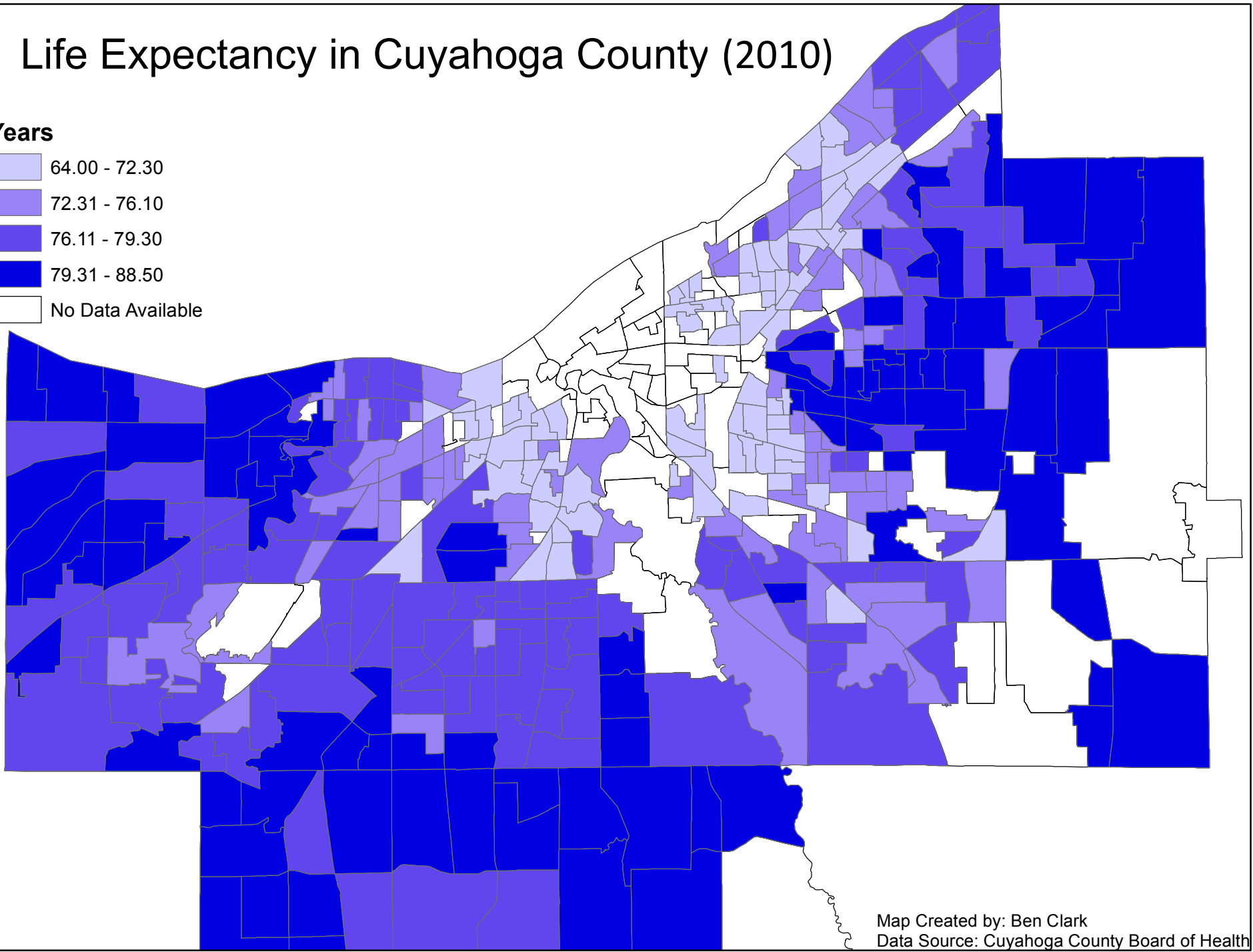
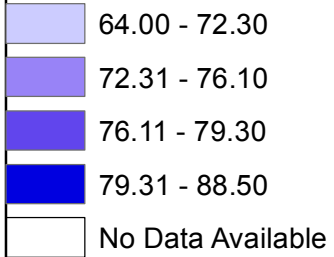


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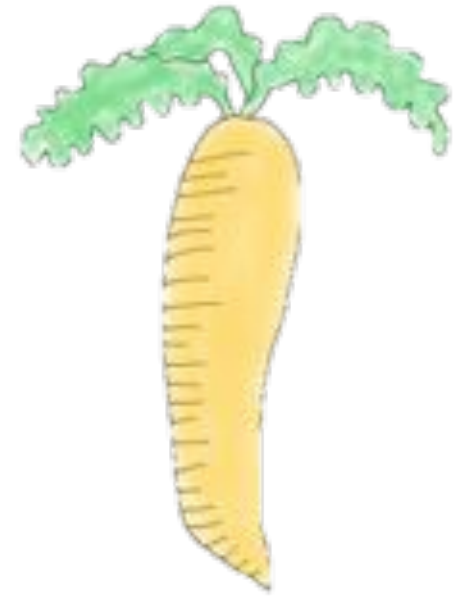
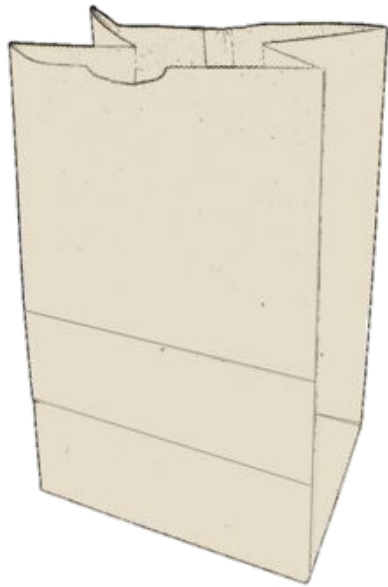
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Life Expectancy in Cuyahoga County (2010)

Years



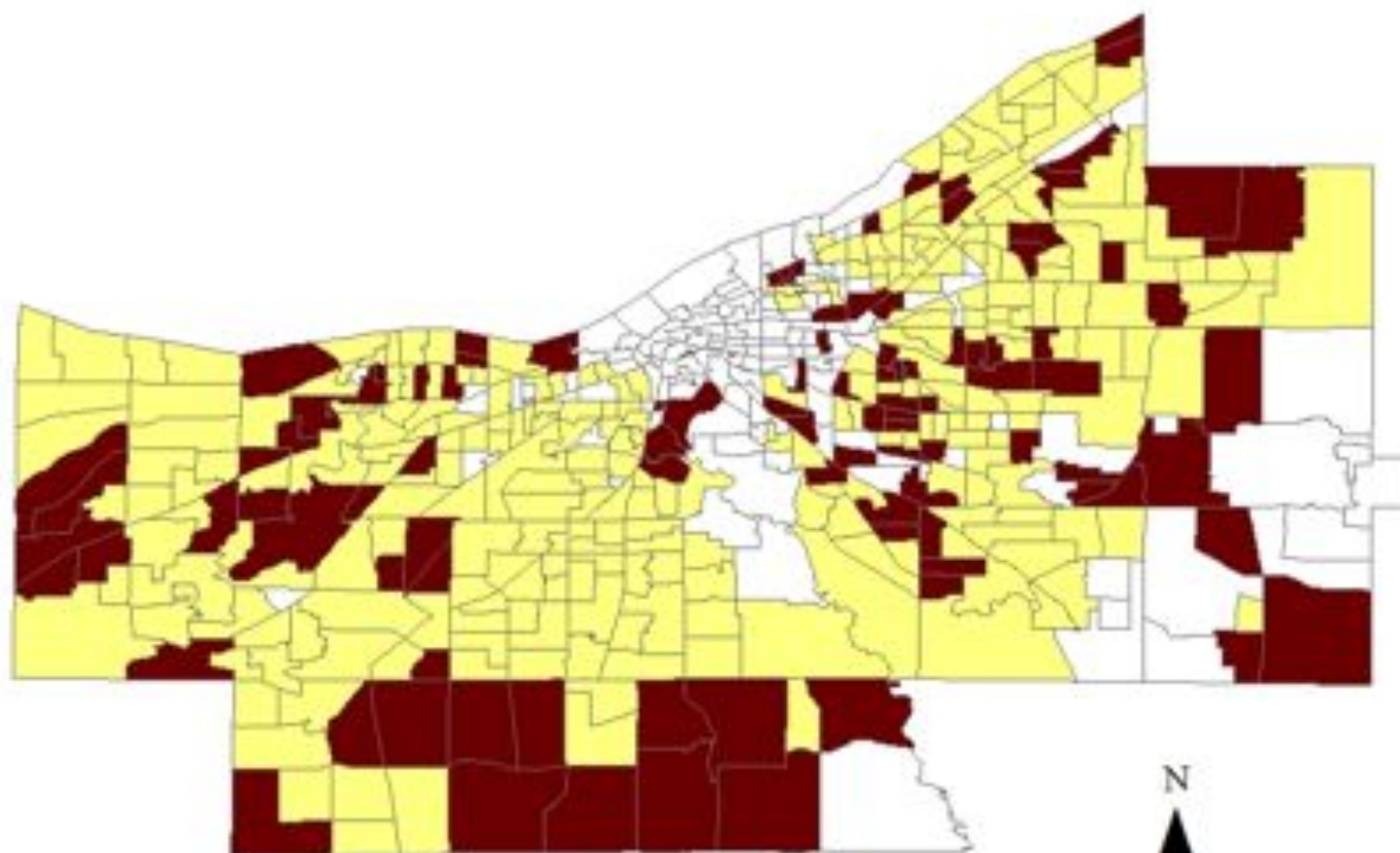
Map Created by: Ben Clark
Data Source: Cuyahoga County Board of Health



Grocery & Fast Food



Cuyahoga County Food Desert by Census Tract

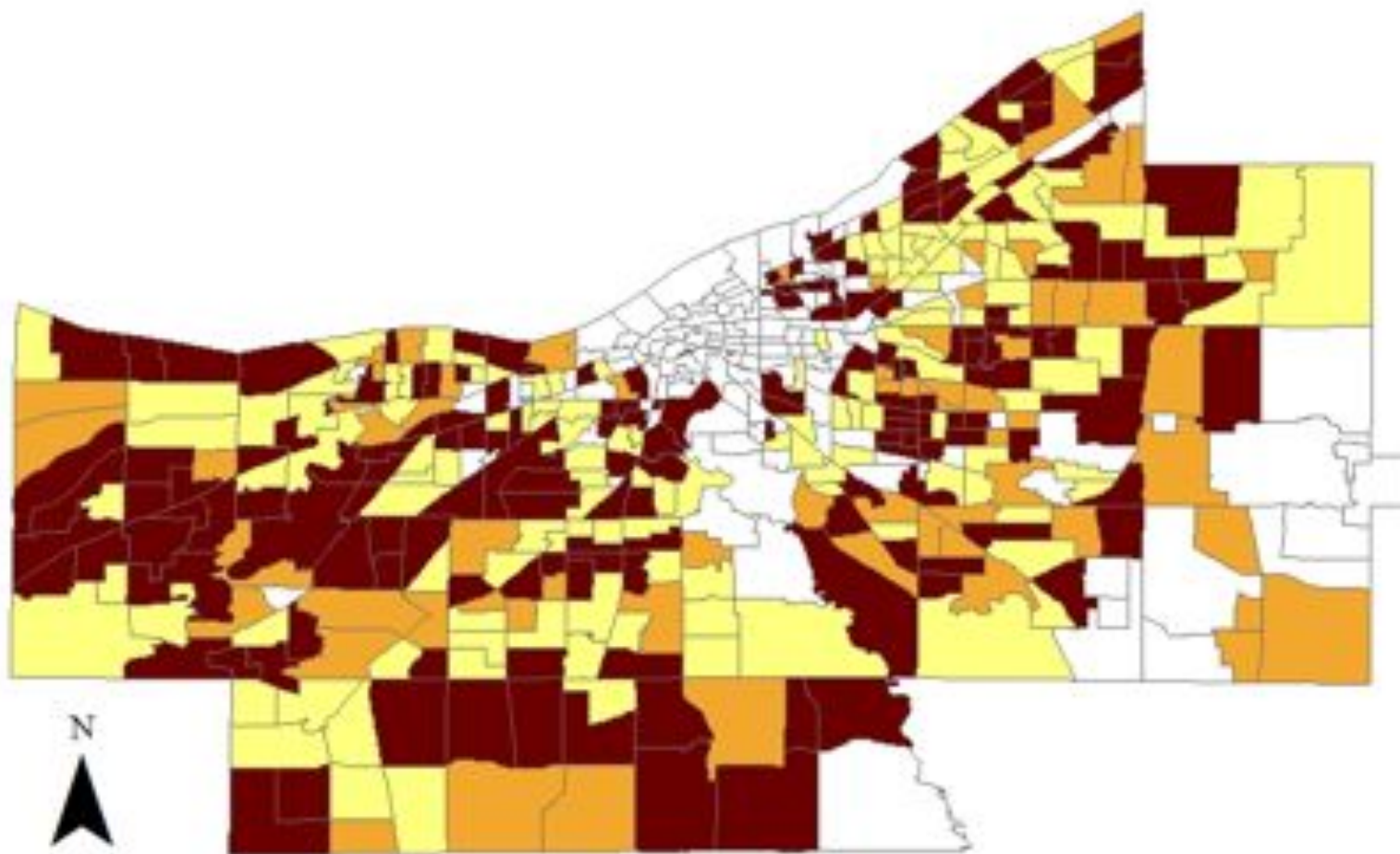


Legend

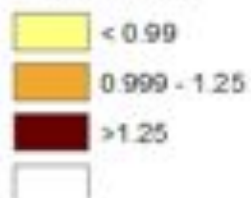
- Is Not A Food Desert
- Is A Food Desert

0 2.5 5 10 15 Miles

Cuyahoga County Food Ratios by Census Tract



Food Ratio



0 2.5 5 10 15 Miles

Food Ratio Scores:
< .99 Best outcome
.999 - 1.25 Medium outcome
> 1.25 Worst outcome

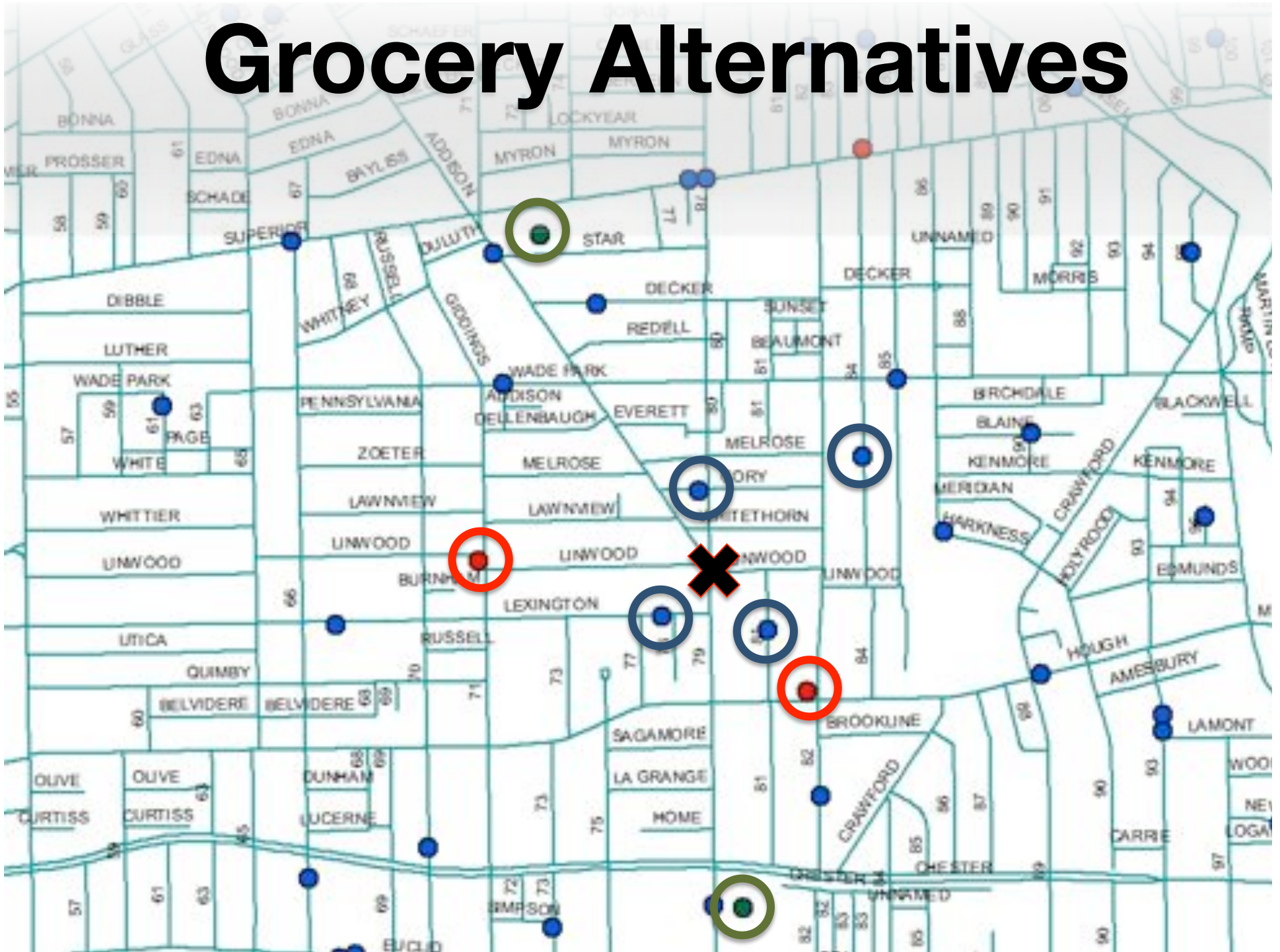
Food Ratio Scores are from Mari Gallagher:
"Examining the Impact of Food Deserts On
Public Health in Chicago," 2006







Grocery Alternatives



Initial Findings

	(1)	(2)	(3)	(4)
Food Balance Score	Not Sig.	Not Sig.		
Distance to Nearest Grocery Store			Not Sig.	Not Sig.
Distance to Nearest Fast Food Rest.			Not Sig.	Not Sig.
Distance to Nearest Alternative Food Outlet		+ **	+ **	
Distance to Nearest Farmers Market				Not Sig.
Distance to Nearest Urban Farm				Not Sig.

	(1)	(2)	(3)	(4)
Median Household Income	+ **	+ *	+ *	+ *
% Male	- **	- **	- **	- **
% Over 65 Years Old	Not Sig.	Not Sig.	Not Sig.	Not Sig.
% Without Access to a Car	- **	- **	- **	- **
Race (white omitted)				
% Black	- ***	- ***	- ***	- ***
% Asian	Not Sig.	Not Sig.	Not Sig.	Not Sig.
% Other Race (excluding white)	Not Sig.	Not Sig.	Not Sig.	Not Sig.

	(1)	(2)	(3)	(4)
Education (no HS diploma omitted)				
% High School Grad	+ ***	+ ***	+ ***	+ ***
% AA or some college	+ ***	+ ***	+ ***	+ ***
% Bachelors or higher	+ ***	+ ***	+ ***	+ ***
Constant	+ ***	+ ***	+ ***	+ ***
Observations	368	368	368	368
R-squared	0.679	0.684	0.684	0.685
	*** p<0.01, ** p<0.05, * p<0.1			

Conclusions & Implications



Not the problem...



Potentially beneficial...



Future Directions



Slide Design by:

<http://www.IntoTheForeground.com>