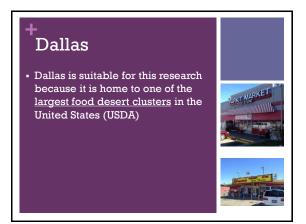


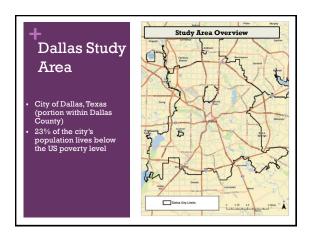


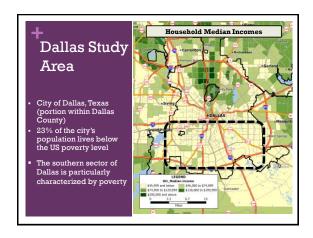


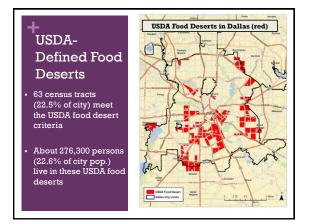


+ Dallas Case Study



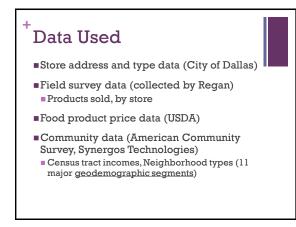


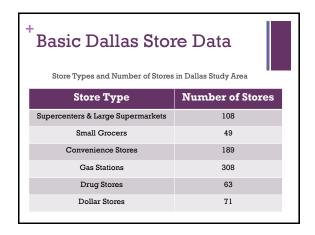




Methodology &
Research Design:

+Data, Research
Questions



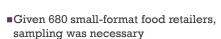


#### Basic Dallas Store Data

Store Types and Number of Stores in Dallas Study Area

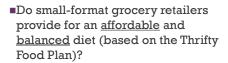
Store Type	Number of Stores
Supercenters & Large Supermarkets	108
Small Grocers	49
Convenience Stores	189
Gas Stations	308
Drug Stores	63
Dollar Stores	71

### Fieldwork: Sampling



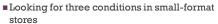
- Selected 5 small-format stores located in each of 11 major neighborhood types (geodemographic segments) present in Dallas
- 3 neighborhood types had < 4 stores
- 5 stores declined to be surveyed (with no alternatives to survey in their neighborhood type)
- Final store sample: 40 small-format stores (sample data applied to all store locations in Dallas)

#### Research Questions



■Do small-format grocery retailers make a difference in the geographic extent of food deserts?

## Small-Format Stores: Food Product Affordability, Variety



- Food Affordability: Price of sampled food is less than or equal to average national pricing
- Food Variety: At least 3 products in each food category type offered.
- Combination: Meeting both affordability and variety criteria

### Small-Format Stores: Food Product Healthfulness

■Food Health Ratio (healthy:non-healthy)

Range for Each "Health Ratio" Category

Category	Ratio Range
1	0.75 and above
2	0.50 to 0.74
3	0.25 to 0.49
4	0.24 and below

### Small-Format Stores: Food Product Healthfulness

■Food Health Ratio (healthy:non-healthy)

Range for Each "Health Ratio" Category

Category	Ratio Range
1	0.75 and above
2	0.50 to 0.74
3	0.25 to 0.49
4	0.24 and below

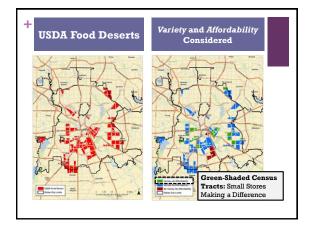
Category 4 = Unhealthy food store

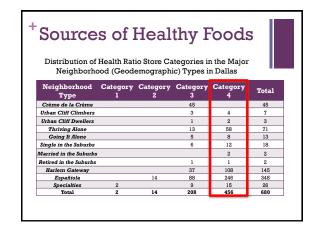


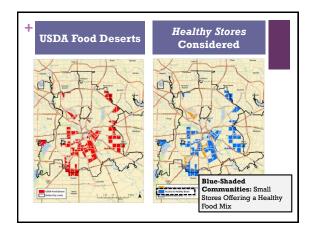
# \*Sources of Affordable & Balanced Diets



- ■Most stores carried a variety of food categories
- ■Key limitation is affordability









#### Overall Points

- Small-format stores make a difference in Dallas' food deserts
- These stores are not enough to completely address the food desert issue, but they help
- Food deserts represent complex challenges, but this research is a step toward partial solutions

### <sup>+</sup>Applications



- Public policy: small, community retailers need to be in the food desert discussion along with large, national players
  - This study indicates these retailers can play a role in food desert alleviation
- Business strategy: national and global retailers should re-examine their store placement strategies
- There may be profitable opportunities for more smallformat store chains to provide healthful food options in inner-city communities

<sup>+</sup>Thanks for listening