



Dr. Bryce Lowery
SPEAKER

**FOOD
SECURITY
SYMPOSIUM**

#NEOKCfoodsecurity

Bryce C. Lowery, PhD

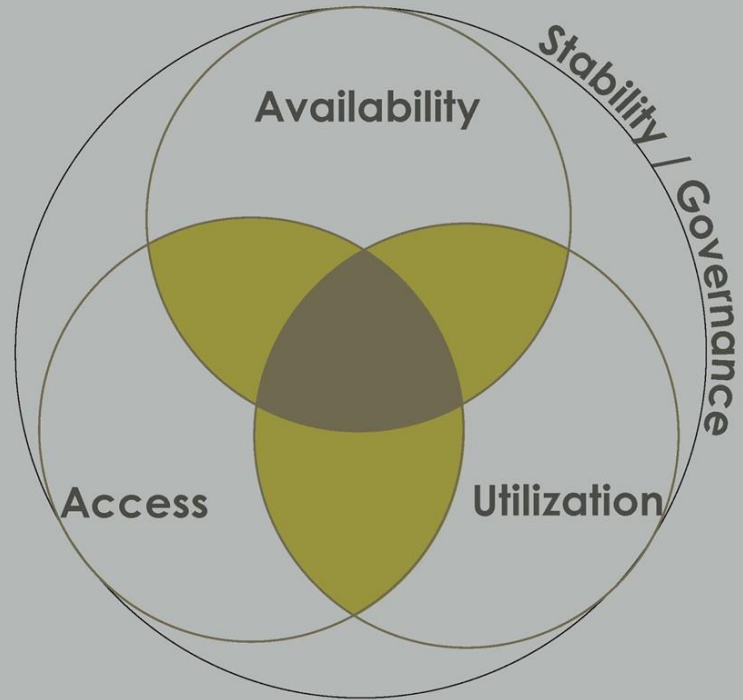
Assistant Professor of Regional + City Planning
University of Oklahoma
Christopher C. Gibbs College of Architecture

Research Areas

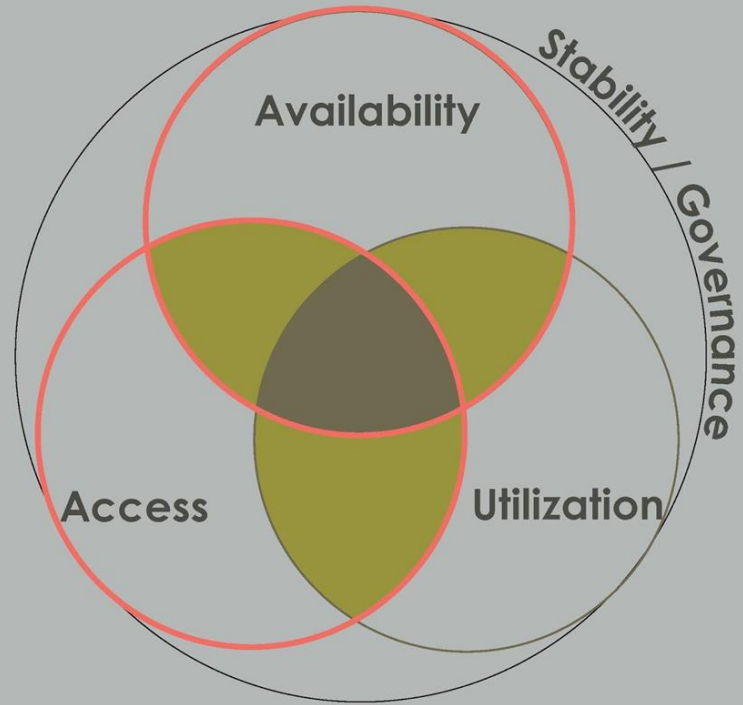
- Public Health
- Food Systems
- Planning
- Public Policy
- Spatial Inequality



Food Security



Food Security

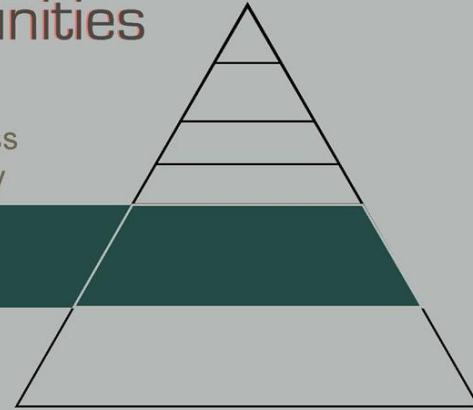


Creating Healthy Communities

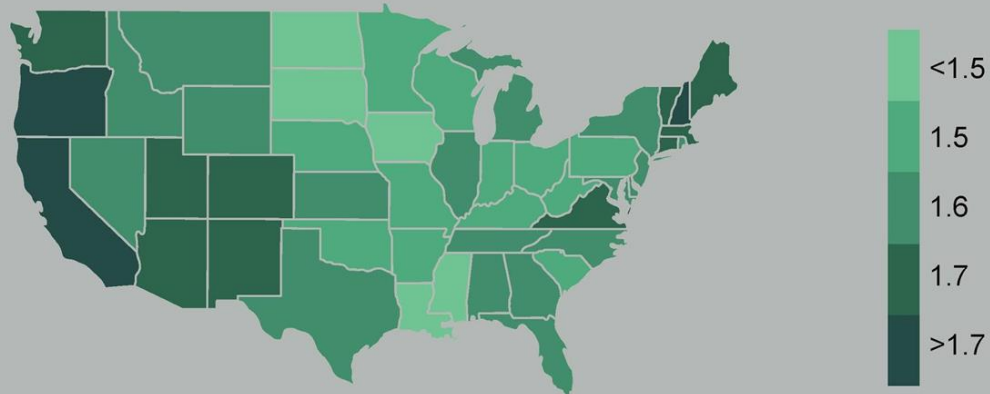
36% of American adolescents report eating less than one serving of fruits and vegetables a day

At least 5 servings of fruits and vegetables recommended per day

On average, Americans consume 1 serving of vegetables and 1 serving of fruit a day

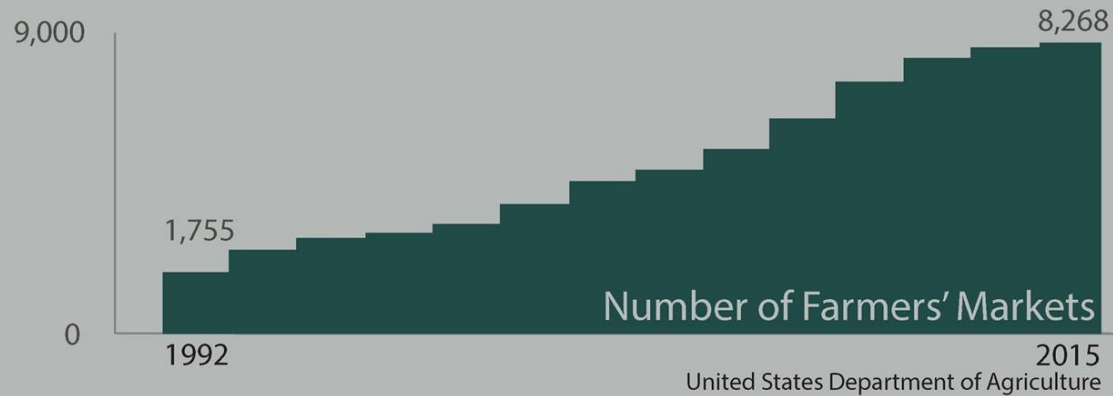
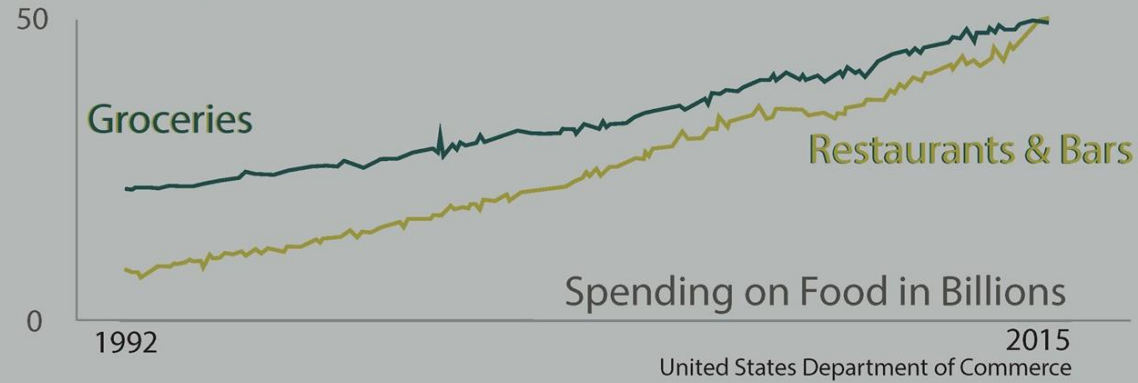


Median Daily Vegetable Intake



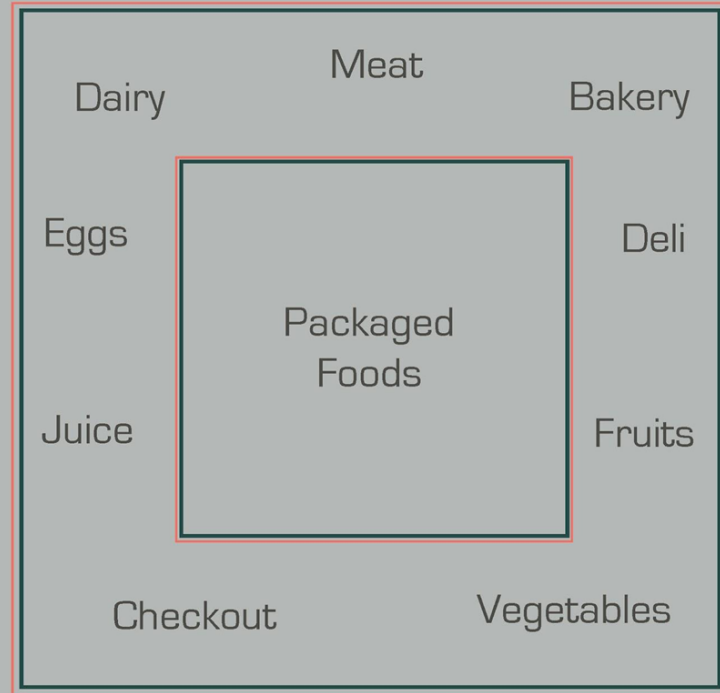
Source: United States Department of Agriculture

Creating Food Secure Communities

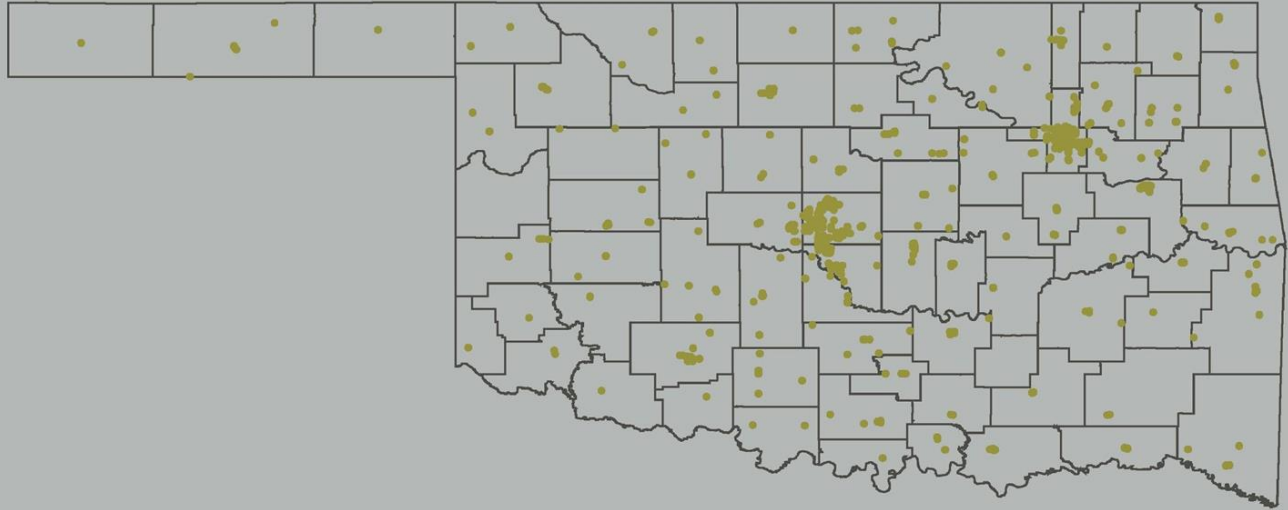


Creating Food Secure Communities

- Demand for Organic/Local
- Growth of Food Delivery
- Wine and Beer Sales
- Hydroponic Industry

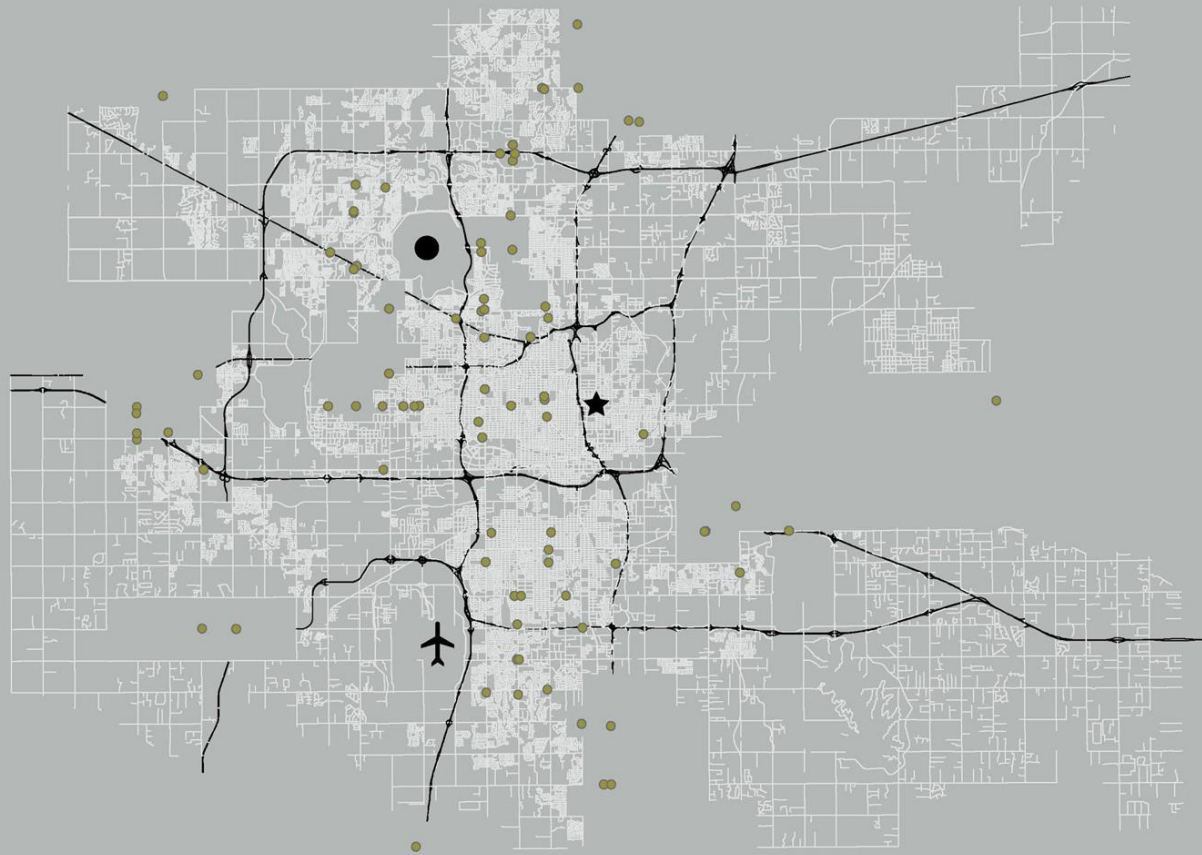


Fresh Fruit and Vegetable Availability and Access at Brick and Mortar Stores in Oklahoma

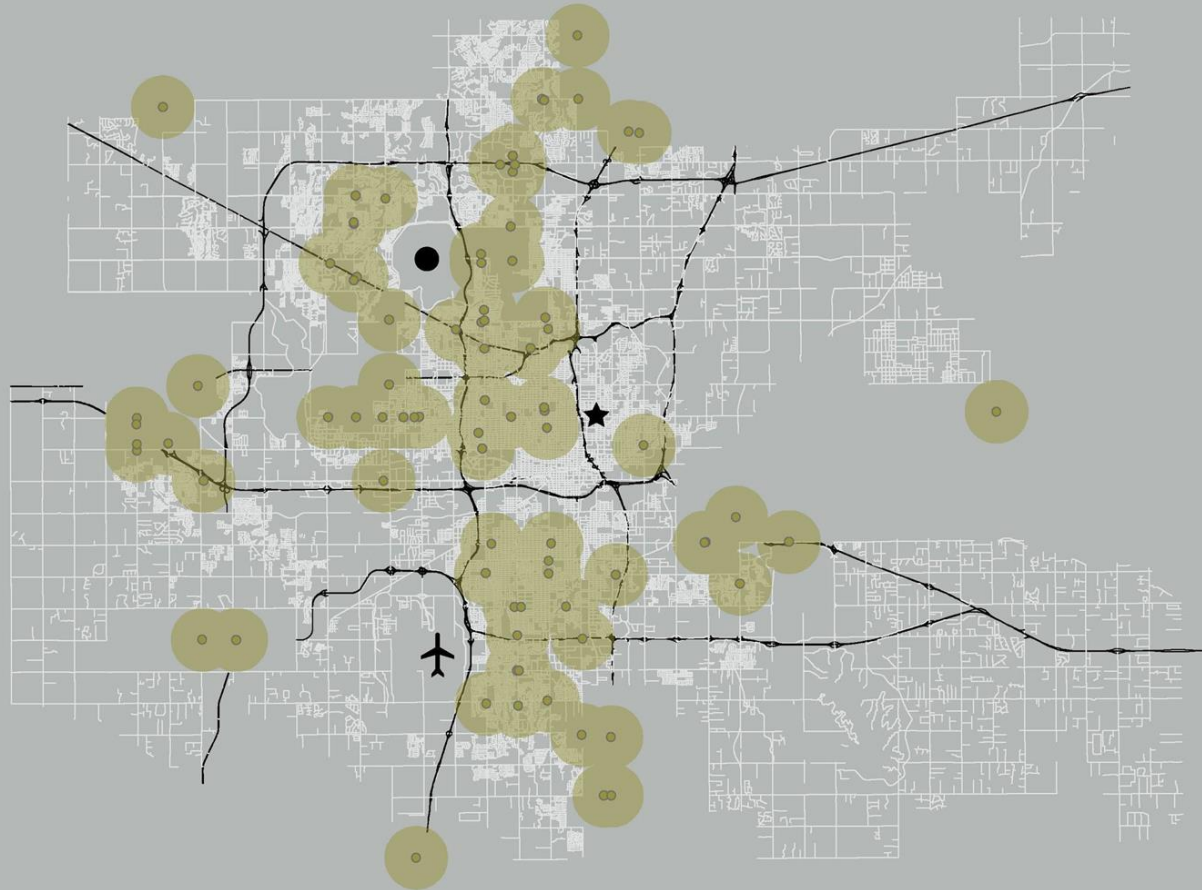


- 558 stores selling fresh vegetables and fruit
 - Superstores
 - Grocery Stores
 - Ethnic Markets
 - Specialty Food Stores

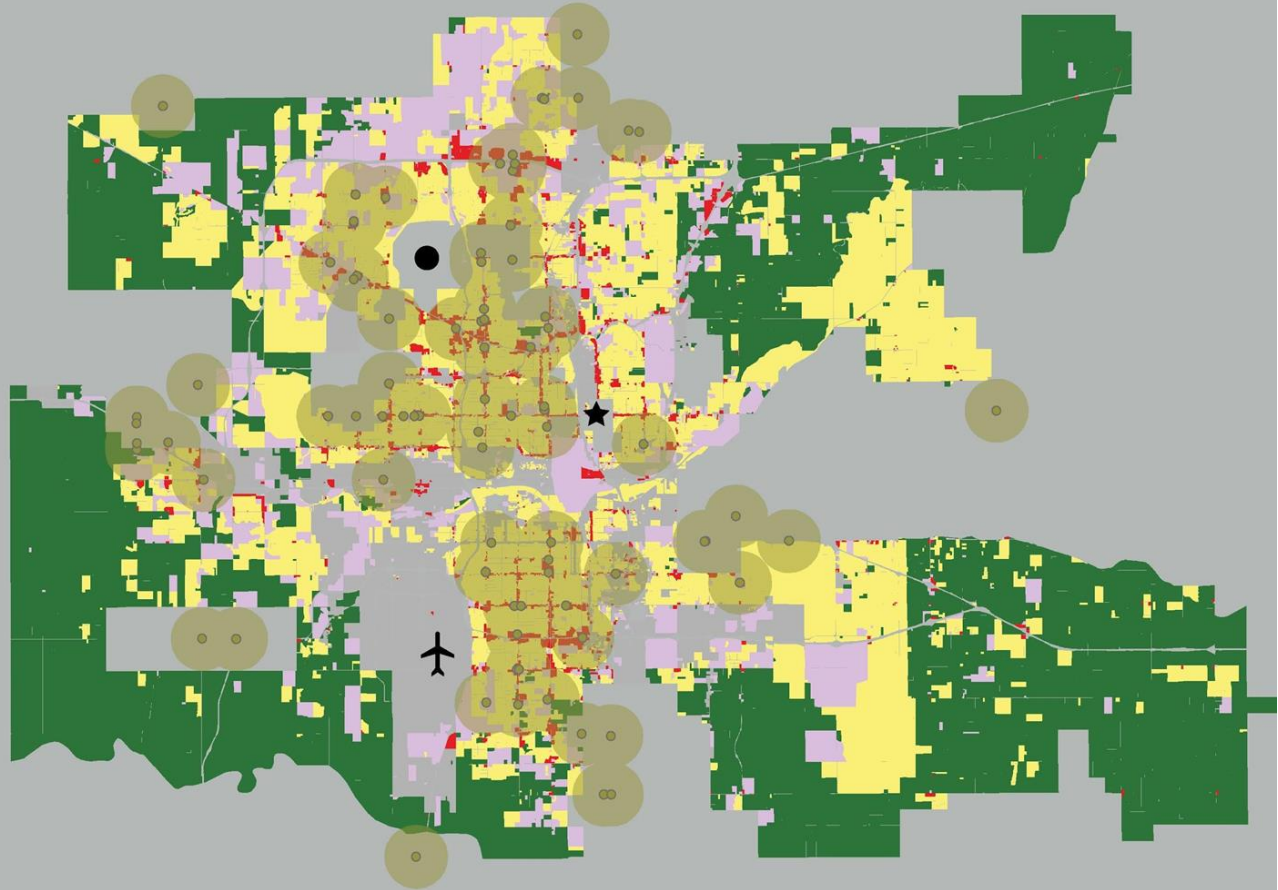
Oklahoma City Grocery Stores



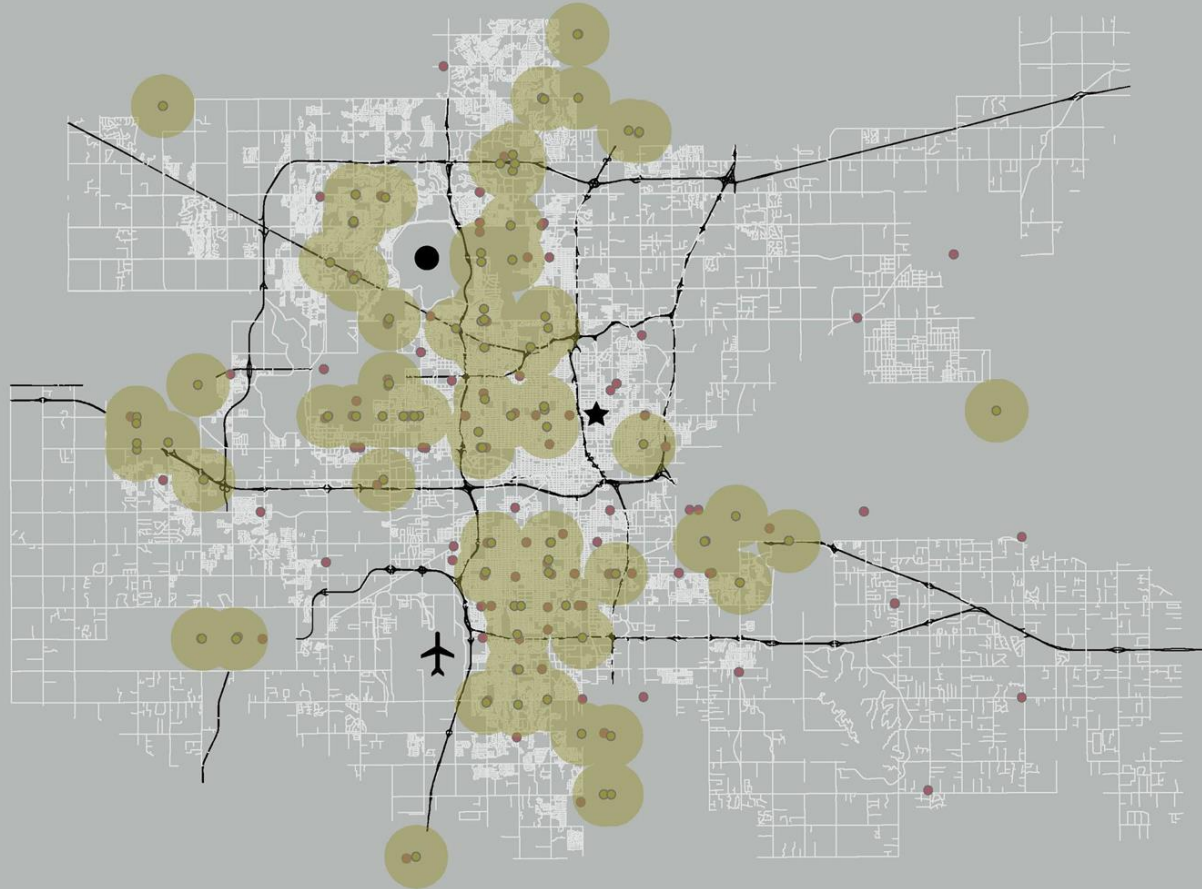
Oklahoma City Grocery Stores



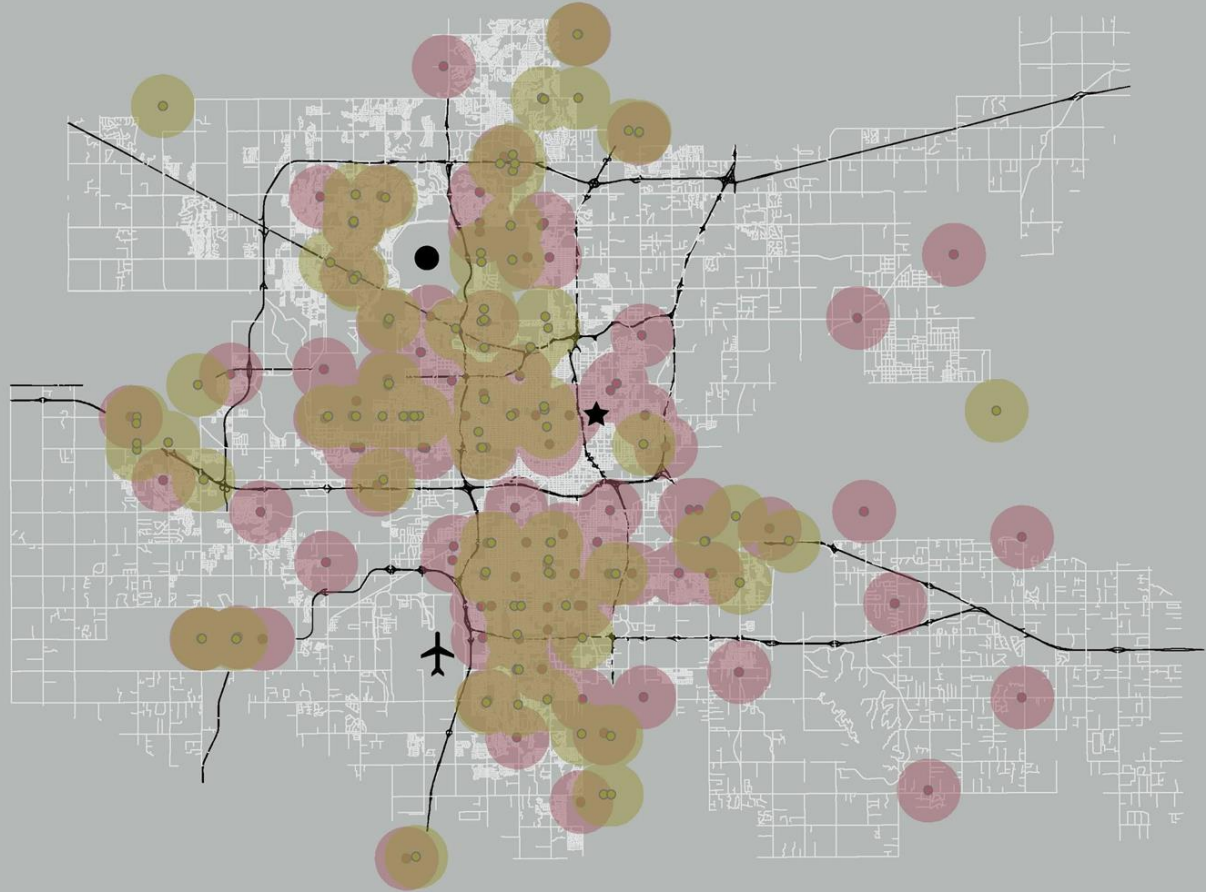
Oklahoma City Land Use



Oklahoma City Dollar Stores



Oklahoma City Dollar Stores



Plan OKC

Awarded 2018 American Planning Association
Daniel Burnham Award for a Comprehensive Plan

Outlines a number of goals to strengthen local food security, specifically increasing access to healthy food for all communities through:

- Community gardens
- Reduced access to low-nutrition food
- Preservation of agricultural land
- Formation of a local food policy council
- Incentives to assist stores to stock healthy food
- Prioritization of underserved areas



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