



Food Insecurity in Arizona and on Tribal Land

Bringing nutritious, affordable food to low-access areas

January 11, 2017



Food Insecurity in Arizona & on Tribal Land

- Food Security & Insecurity
 - A Food secure household has access at all times to enough food for an active, healthy lifestyle for all household members - USDA
- **High food security:** no reported indications of food-access problems or limitations.
- **Marginal food security:** one or two reported indications—typically of anxiety over food sufficiency or shortage of food in the house. Little or no indication of changes in diets or food intake.



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- Food Security & Insecurity
 - A Food secure household has access at all times to enough food for an active, healthy lifestyle for all household members – USDA
- **Low food security:** reports of reduced quality, variety, or desirability of diet. Little or no indication of reduced food intake.
- **Very low food security:** Reports of multiple indications of disrupted eating patterns and reduced food intake.



Food Insecurity in Arizona & on Tribal Land

Arizona Households – average 2013-2015

Total Household – 2,631,000

- Low Food Security
 - 14.9%
 - 176,577
 - No change from 2010-2015
- Very Low Food Security
 - 6%
 - 4,385
 - Slight change from 2010-2015, down .4%

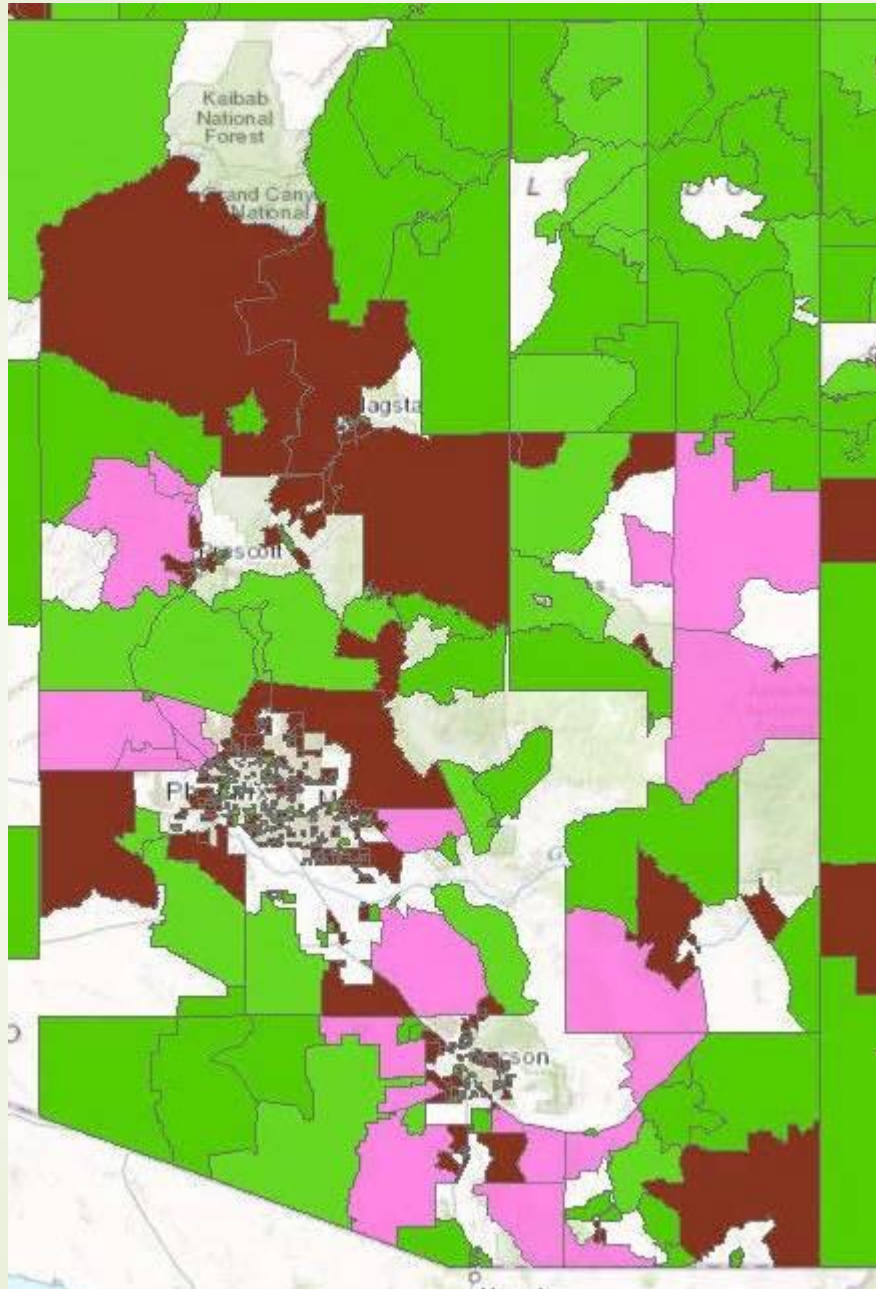


Food Insecurity in Arizona & on Tribal Land

Tribal Food Insecurity in U.S.

- No Good Numbers
- No State Numbers
- Federal Assistance Programs
 - SNAP & WIC
- Geographic Food Desert Maps
 - 75% Live More than 10 Miles to a Grocery Store
 - 10% Live More Than 20 Miles from a Grocery Store

Food Insecurity in Arizona & on Tribal Land




Green - Low Income Low Access
1 and 10

Pink - Low Access 1 and 10

Brown - Low Access 1 and 20



Food Insecurity in Arizona & on Tribal Land

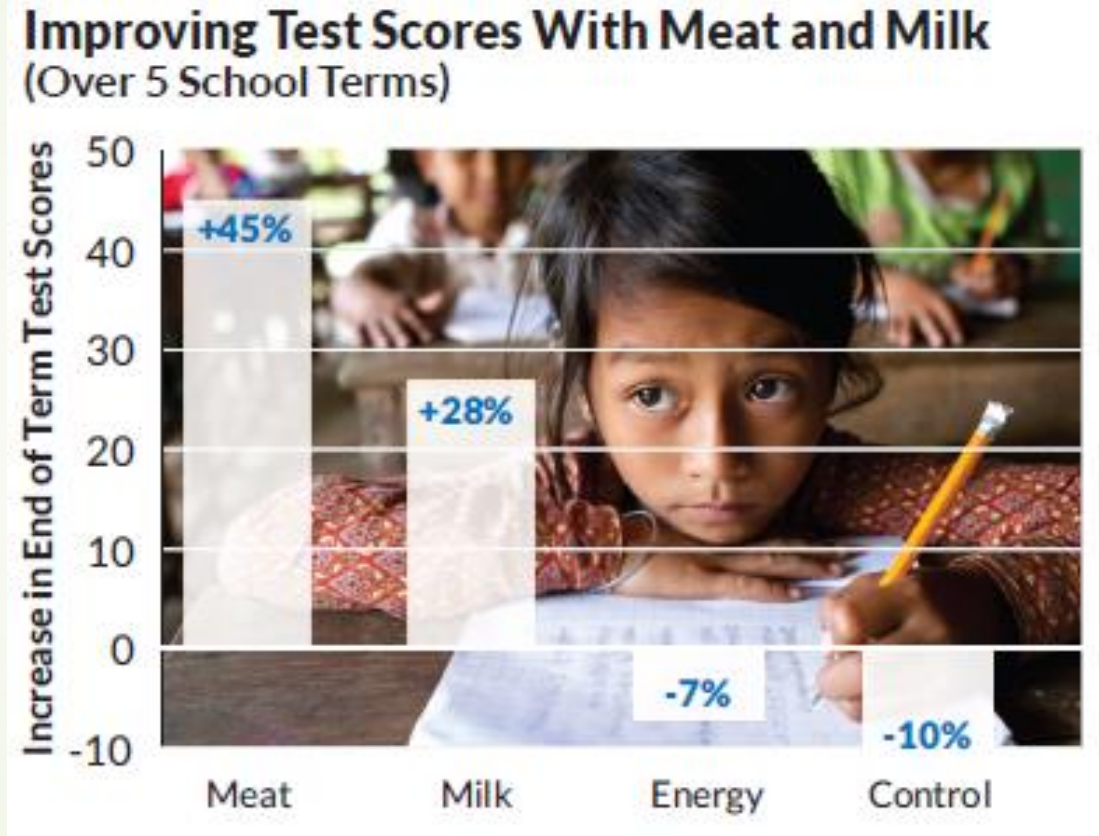
- Food Insecurity
 - A Food secure household has access at all times **to enough food for an active, healthy lifestyle** for all household members – USDA
 - Why Important - Malnutrition
 - Development – children
 - Stunted Growth
 - Pregnancy Complications & Low Birth Weight Babies
 - Delayed Development & Learning Difficulties in First Two Years
- 



Food Insecurity in Arizona & on Tribal Land

- Food Insecurity
 - A Food secure household has access at all times **to enough food for an active, healthy lifestyle** for all household members – USDA
- Why Important
 - Education & Learning
 - Hunger Reduces Attention Span
 - Lack of Proper Nutrition Affects Ability to Learn

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Nutritional Supplement

Adapted from Hulett, J.L. 2010, UCLA



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- Food Insecurity
 - A Food secure household has access at all times **to enough food for an active, healthy lifestyle** for all household members – USDA
- Why Important
 - Emotional & Physical Stability
 - Depression, Anxiety & Withdrawal
 - Immune System Development – Prone to Illness



Food Insecurity in Arizona & on Tribal Land

Arizona Plan to Reduce Food Insecurity

- ▶ Department of Agriculture's Unique Perspective
 - ▶ Growers & Distributors
 - ▶ Gas Stations, Grocery & Convenience Stores
 - ▶ Commodity Groups



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Arizona Plan to Reduce Food Insecurity

- Identify Current Programs Statewide
- Create Network to Enable Communication
- Recognize Gaps
 - Poverty
 - Access to Food & Moving Food to Low Access Areas
- Create Strategies to Increase Access to Nutritious, Low-Cost Food



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Arizona Plan to Reduce Food Insecurity

Partner Identification

- ▶ Tribe Leadership
 - ▶ Tribal Food Distribution Program
 - ▶ Counties
 - ▶ Non-profits
 - ▶ Universities
 - ▶ Retailers
 - ▶ Commodity Groups
- 



Food Insecurity in Arizona & on Tribal Land

Arizona Plan to Reduce Food Insecurity

Food Desert Summits

July 13 2016

Identify Many Programs

Define Gaps

70 Participants

Mostly Maricopa Participants

Diné Policy Institute

Dr. Nabhan from UA



Food Insecurity in Arizona & on Tribal Land

Arizona Plan to Reduce Food Insecurity

Food Desert Summits

April 28, 2017

All Statewide Partners

Representatives of Programs Across the State

Diversify Those Working for Solutions

Commerce Authority

Retail Association

Agriculture's Commodity Groups





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Questions



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Contact

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