Census 2014

Three Square combined service area = 315,000
Food Insecure Persons

State FI Rate = 15.8%

 Courtesy of Feeding America, “Map the Meal Gap”
http://map.feedingamerica.org/county/2013/overall
Census 2014

Greater Las Vegas Valley

What happens in Vegas....

Determines the State Rate!
Census 2014

Research Questions

- What does food insecurity look like in Las Vegas neighborhoods (sub-county) and what can we infer from the data that would improve our strategic operational and policy efforts?

- Three Square’s network of Agency Partners is large but is our network accessible to clients? What can we infer from the data that would improve our strategic operational and policy efforts?

- Can Three Square establish a set of replicable, valid research tools to provide reliable information internally and externally on a consistent basis?
Census 2014

More than 371,000 nutrition services were provided to more than 137,000 unique people in Southern Nevada.

30% greater impact than previous monthly estimates.

Outcome: Agencies now only report duplicated (units) of service on monthly statistic reports.
Census 2014

CENSUS 2014

137,000 unduplicated persons in October

32,454 unduplicated households

371,000 duplicated persons (units of service)

HUNGER IN AMERICA 2014

109,800 (+/- 33,900) unduplicated persons per month

37,200 unduplicated households

232,300 (+/- 62,600) duplicated persons (units of service)

Courtesy of Feeding America, “Hunger in America 2014: Report for Three Square Food Bank”
http://www.threesquare.org/learn-about-hunger/research
Census 2014

Frequency of Pantry Visits - Based on Unique Households

1 visit (64%) - 20,792
2 visits (17%) - 5,446
3 visits (8%) - 2,576
4 or more visits (11%) - 3,640

Page 19, “2014 Census Report”
NUMBER OF CLIENTS BY ZIP CODE
BASED ON 2014 CENSUS RESULTS
(2013 Data)
Distance Analysis is important to determine:
Accessibility to resources for clients and at-risk populations;
Target neighborhoods for increased access; and
Overlap with regional plans that are striving to improve
* Transportation
* Housing
* Economic development
And overall population health and wellbeing

Southern Nevada Strong is Clark County’s first HUD approved regional plan with 4 opportunity zones that overlap several Three Square targeted suburban neighborhoods.
Census 2014

Random selection from 39,402 georeferenced locations

2,388 unique trips covering all valley zip codes
(from user location to pantry location)

1,339 individual pantry users
Census 2014
Census 2014

Closest Facility

Trip Distance - One Way
- 0.06 - 0.76 miles
- 0.77 - 1.85 miles
- 1.86 - 3.97 miles
- 3.98 - 6.22 miles

Total Mileage - 3,266

Survey Respondent
Food Pantry Location

three square

Together, we can feed everyone

feeding america
On average clients live about **2 miles** (one-way) from a pantry

On average clients travel about **8 miles** (one-way) to the pantry of their choice (passing closer pantries en route)

**On average, residents of the Greater Las Vegas Valley travel about 11 miles to their place of employment**

Factors we would not influence:
- Closer to work, centers of worship, other social services

Factors we could influence:
- Stigma, lack of knowledge, “good pantry” variety (word of mouth)

By working to decrease the average distance of pantry clients over time, we would also **increase access, remove transportation as a barrier, increase units of service others in need in those neighborhoods**
Census 2014

44 Trips
280 Miles Total road travel

One-way Travel Distance

\[ 1.14 \text{ - 4.12 Miles} \]
Census 2014

89117 Zip Code - New Pantry location analysis

124 pantry user locations

2 mile travel distance from each pantry user location

Results in Red-Orange map color being preferred areas to locate new pantry for optimal access to 89117 users based on distance

Transit lines shown for access
Census 2014

Map showing the distribution of food pantry locations, bus stops, and bus routes. The map uses color gradients to indicate the density of pantry users within 2 mile distances. The color key is as follows:

- Red: More pantry users within 2 mile distance
- Blue: Less pantry users within 2 mile distance

The map includes streets such as Charleston, Sahara, Rainbow, Spring Mountain, and others, with various locations marked by stars.
From Research to Practice

- Guiding Three Square’s efforts in Agency Services and Programs to identify partners and locations within these targeted hot spots to provide these neighborhoods with new food distribution opportunities

- Concurrent strategy within Southern Nevada Strong to increase access to fresh food sources

- Building agency capacity with Agency Services support, sourcing more food, and providing tools like the Census, that they can use in their strategic plans, operations, and to increase awareness with neighborhood leaders and potential funders.