

### Background & Introduction

The purpose of this community assessment is conducted to examine the health resources of the community. The most health related concerns in Casa Grande included diabetes, obesity, cancer, teenager pregnancy, low birth weight babies, and behavioral health issues. Casa Grande has been growing fast and became the center of Western Pinal County due to the location, affordable housing, and weather.

#### Community Description

- Geographic**
- Located in Pima County
  - Halfway between Phoenix and Tucson by the two interstate highways, I-8 and I-10



#### Historical

- Named after the Casa Grande Hohokam Indian Ruins National Monument (about 600 years old)
- Founded in 1879



#### Climate

- Sunny days over 330 days of the year
- No natural disasters



### Methods

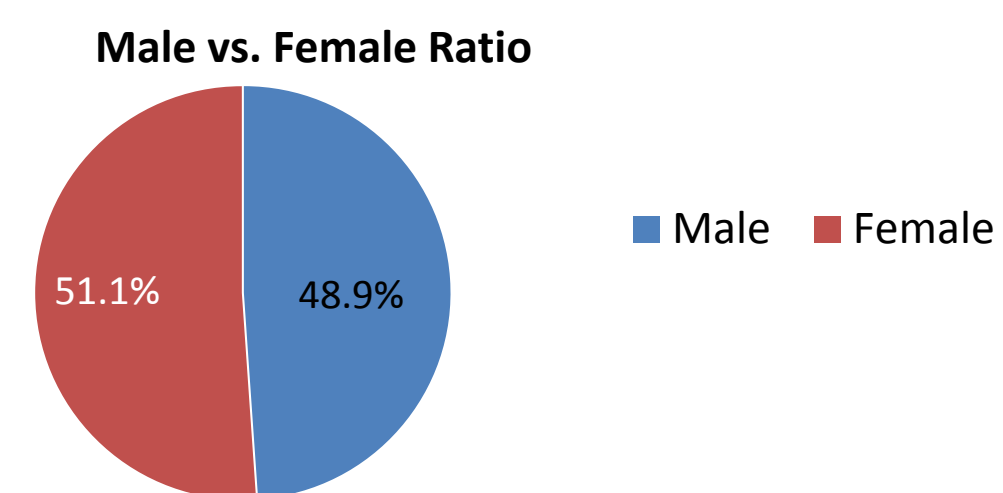
The community assessment was performed by a pharmacy student from June 30, 2016 to July 8, 2016. Primary data was collected through windshield surveys of local areas and interviews with local Casa Grande residents. Secondary data was collected through online resources included City of Casa Grande, Arizona, US Census Bureau, arizonahealthmatters.org.



### Results

#### Demographics, Housing, Transportation

**Figure 1:** Chart depicts the population by gender of Casa Grande on the 2010 US Census Data



**Table 1:** Chart depicts the population race distribution of Casa Grande on the 2012 US Census Data

Subject	State of Arizona		Casa Grande, Arizona	
	Estimate	Percent (%)	Estimate	Percent (%)
Total population	6,561,516	N/A	50,316	N/A
Hispanic or Latino (of any race)	1,977,026	30.1	19,308	38.4
Non-Hispanic or Latino	4,584,490	69.9	31,008	61.6

**Table 2:** Housing

Subject	State of Arizona		Casa Grande, Arizona	
	Estimate	Percent (%)	Estimate	Percent (%)
Owner-Occupied Units	1,513,294	N/A	11,913	N/A
House Value Median (dollars)	162,900	N/A	110,200	N/A

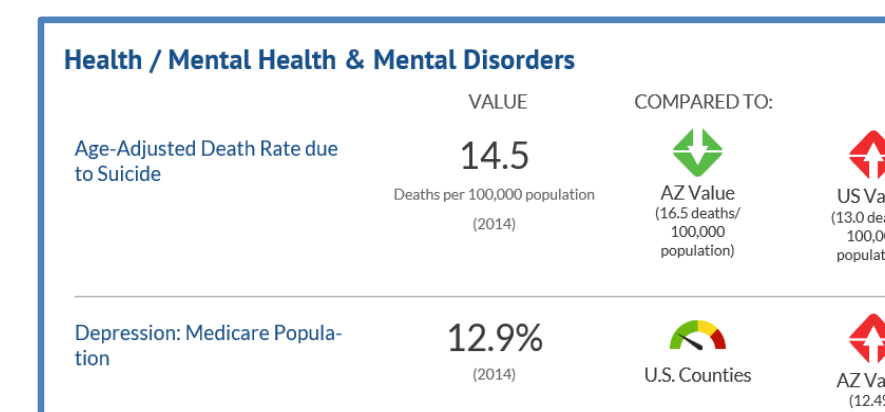
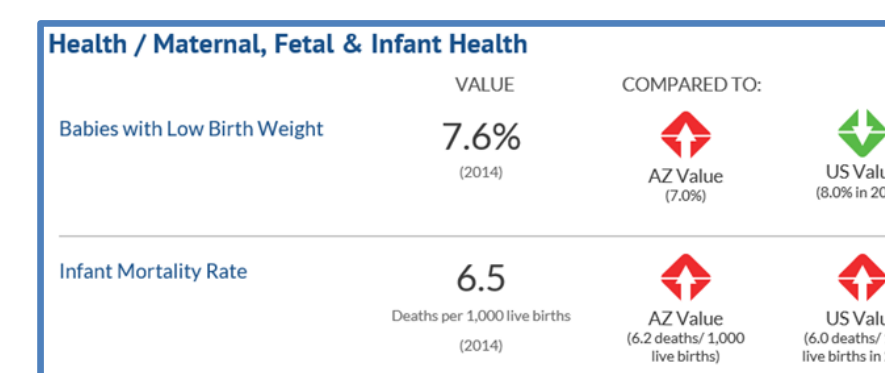
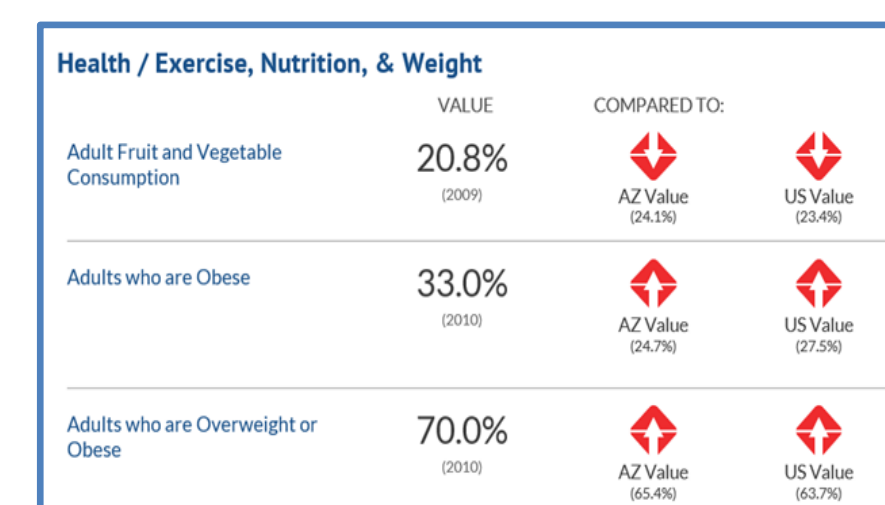


**Table 3:** Transportation (Central Arizona Regional Transit (CART))

Fare	One-Way Fare	Daily Fare	Month Fare	Local & CART Daily	Local & CART Month
Children 12 and Under or Students	\$1.00	\$2.00	\$30.00	\$3.00	\$60.00
Adult 13-54	\$2.00	\$4.00	\$60.00	\$6.00	\$90.00
Seniors 55 and Up or the Disabled	\$2.00	\$4.00	\$60.00	\$6.00	\$90.00

### Results

#### Health Data: Resources and Results



- Ranking of the health issues given by the community members:
  1. Diabetes
  2. Obesity
  3. Cancer
  4. Teenage pregnancy
  5. Low birth weight babies
  6. Behavioral health issues
- Health resources: one hospital (240 beds) and a few clinics
- Prevention and Promotion (Sun Life Family Health Center)
  - High prevalence of diabetes: diabetes class
  - Low literacy level: providing books in patients whenever they come in for a visit
  - Pharmacy: 340B Drug Discount Program is available for medically uninsured patients

### Conclusion and Discussion

Casa Grande is a small, relaxed community. Because of the convenient location, Casa Grande has great advantages in terms of commuting long distance.

There is an obvious difference between people who work in a health care setting compared to people who do not. People who do not work in a health care setting tend to have a much lower understanding about health care in general.

#### Community Priorities and Concerns

- Strength: location, indoor/outdoor adventure, rich history and rapid expansion of the town, broad range of facility/activity
- Weakness: lack of job opportunity, high rate of literacy
- Assets: history museum, farm lands, churches
- Needs: education, job availability, hospitals
- Feedback collected from the windshield survey about possible changes that residents wanted to see in healthcare:
  - Affordable healthcare insurance
  - Less expensive health-related services
  - More availability of healthcare facilities
  - Easy accessibility to healthcare professionals
- Assessment and Improvement Plan:
  - Education on nutrition
  - More availability of public transportation
  - Prevention of teenager pregnancy program
  - Smoking cessation class

### References

1. <http://casagrandeaz.gov/visitors/overview-of-casa-grande/>
2. <https://www.cdc.gov/stltpublichealth/cha/plan.html>
3. <http://www.casagrandeaz.us/files/2013/08/Facts-and-Stats-Template.pdf>
4. <http://www.pinalcountyaz.gov/publichealth/Pages/Casa-Grande-AZ-Clinic.aspx>
5. <http://www.arizonahealthmatters.org/index.php?module=indicators&controller=index&action=dashboard&id=83016456108672616&card=0&localeId=159>

### Acknowledgments

I would like to thank the Casa Grande community and everyone who participated in the surveys and helped me to complete this project.

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