

# Mesa Health and Safety

## RM STEM

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# Health & Safety in a Community

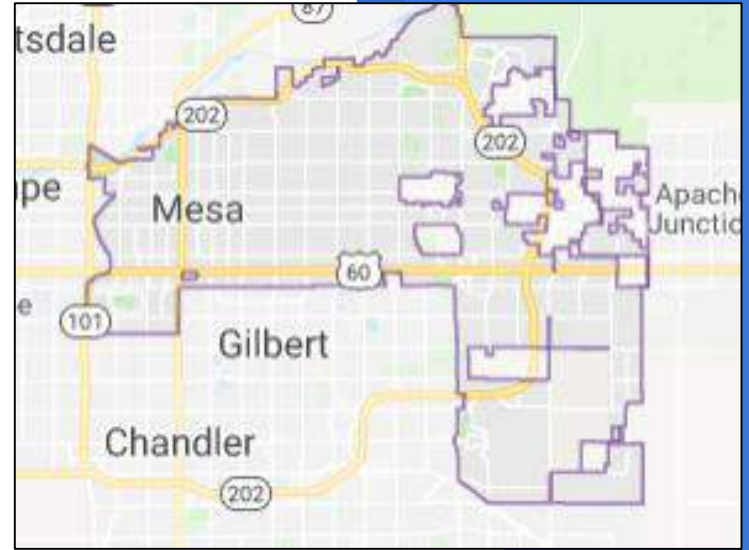




## 3-Fold Plan

# A Potential Area for Improvement: County Islands

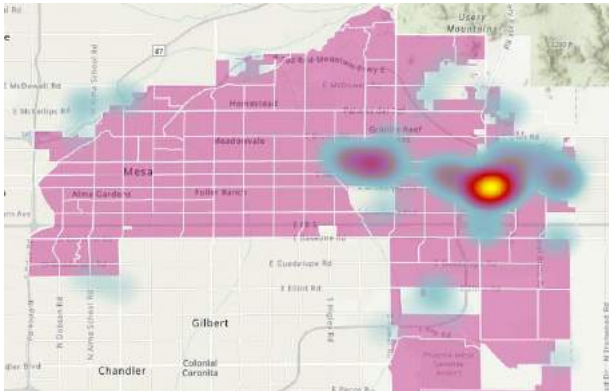
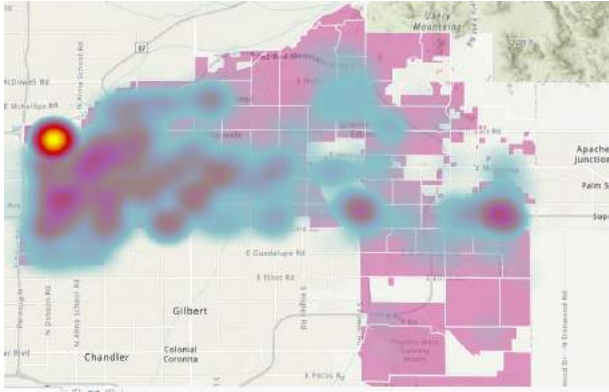
- An area within city of Mesa Boundaries that is not part of the municipality
  - Differences:
    - Police and Fire Services
    - Utilities
    - Building codes
    - Streets
  
- Additional Costs are minimal: Using average City of Mesa utility costs and Rural Metro annual costs:
  - Increase by \$129-\$172 annually



City	Chandler	Gilbert	Queen Creek	Mesa
Percentage of Land	7.0	25.0	19.0	20.0
Total Population	253,458	242,354	39,184	496,401
Estimated Population in County Islands (Percentage of Total)	4,500 (1.77%)	3,500 (1.44%)	Unknown	42,000 (8.5%)
Percentage Population Growth	2.27	2.2	10.22	1.85

(RmStem Graphic)

## Incident Maps



# SAFETY: Crime and Fires

AZ Central reports: “in many cases, people end up seeking annexation after a fire or another emergency.

“They call 911 and they realize the city isn't coming because you're not in the city.” Instead, private services like Rural Metro (high fees)

**Table 1. STREETLIGHTS SURVEY RESPONSES**

Have you noticed the new lights?	Yes	62%
	No	38%
Have you walked down your street in the last three months? (at night)	Yes	39%
	No	61%
Do you feel safer with brighter lights?	Yes	83%
	No	17%
Have you seen or felt any change in your neighborhood since the new lights were put in?	Yes	51%
	No	49%
Have you noticed a decrease in criminal activity since the lights were upgraded?	Yes	47%
	No	53%

### Street lights:

According to the Pacific Institute, street lights significantly contribute to the safety in a community.

Not only do they make citizens feel safer, but they have been proven reduce crime.

## County Island



## Notice the Differences:

Adjacent neighborhoods with similar home values

- Building Codes
  - “They specify the minimum requirements to adequately safeguard the **health, safety and welfare** of building occupants.”

## Within City of Mesa Boundaries

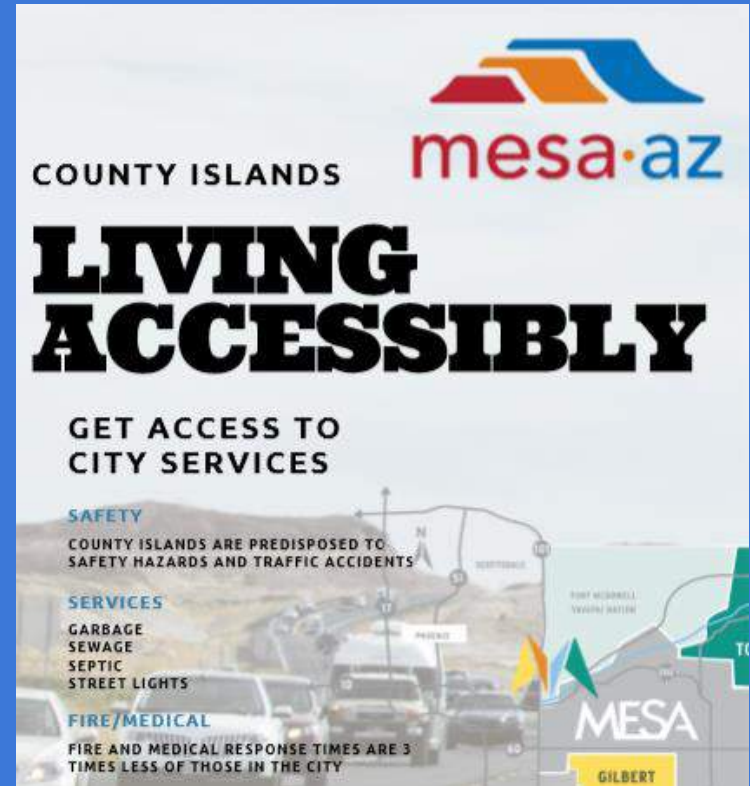


- Street lights
- Sidewalks
- Drainage
- Recycling and Trash collection



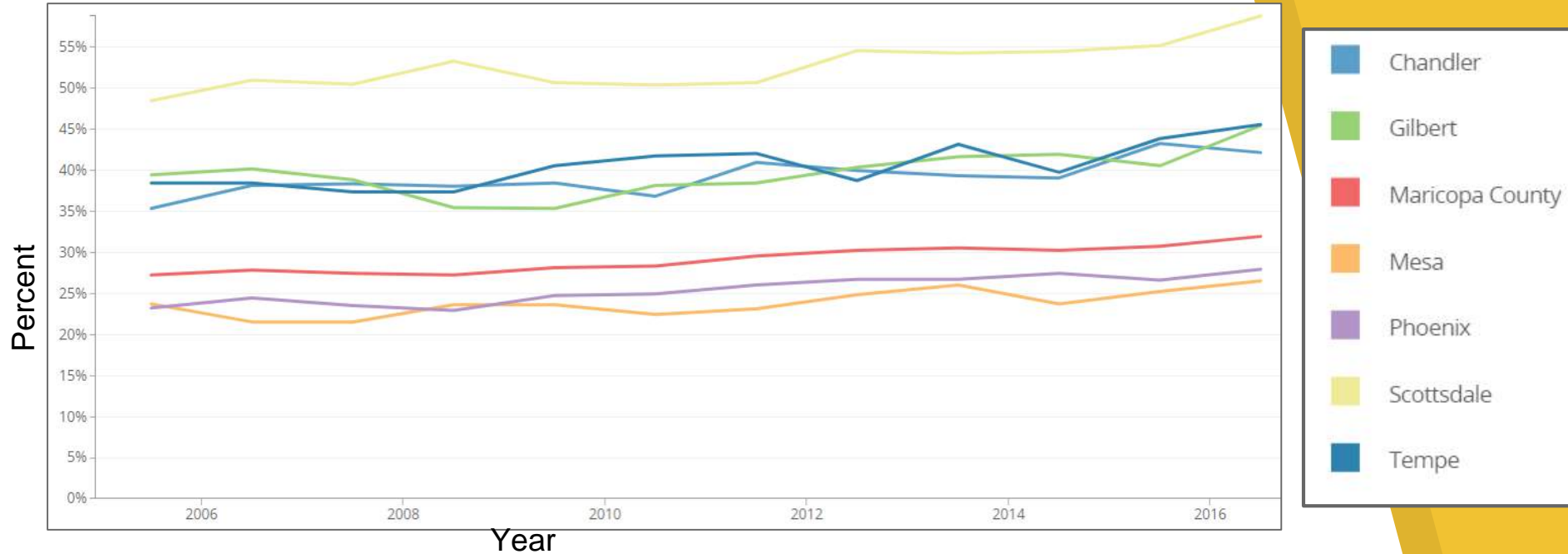
# The Plan: Creating Awareness

- ▶ Many people are unaware of the services they are missing out on or the process of annexation
- ▶ There is opposition to the idea, but this would help increase knowledge and hopefully encourage community members to take action: realize the weight of the **benefits vs costs**



(Included with a simple guide to annexation)

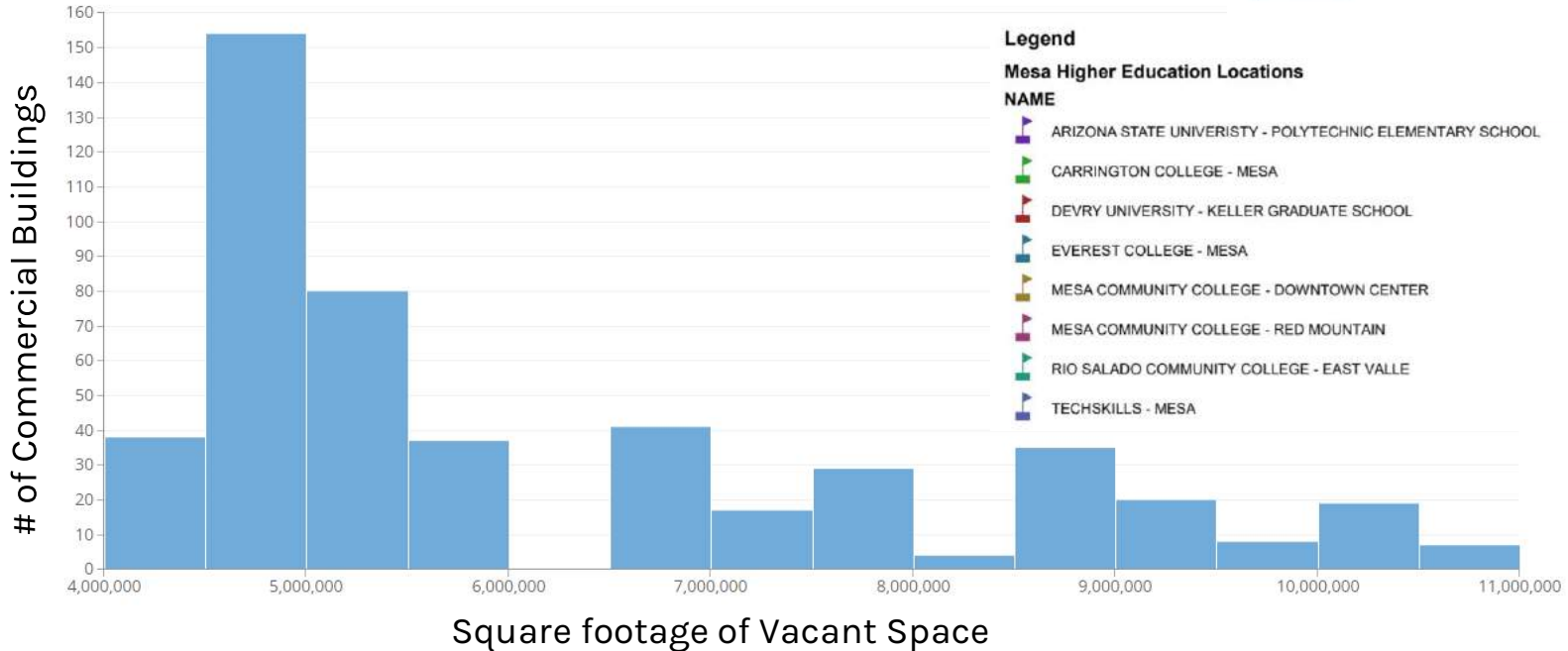
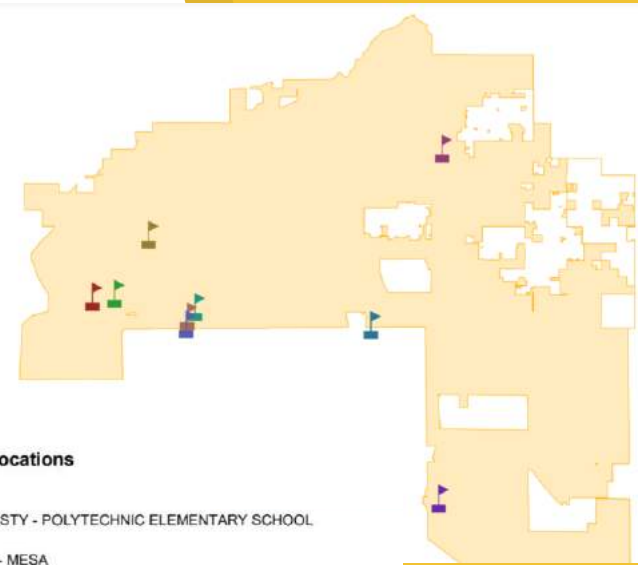
# Building a Foundation for Long-term Growth: Post-Secondary Education in Arizona



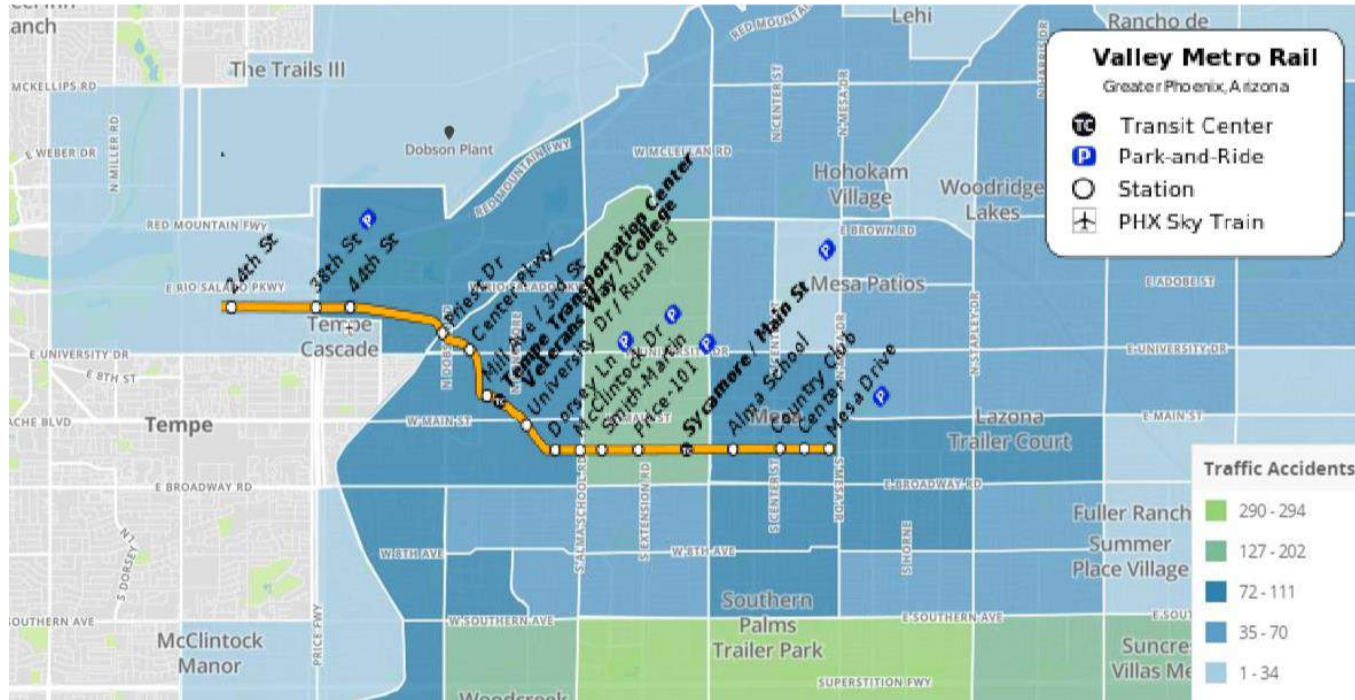


# The Plan: Satellite Campuses

(Mesa Datasets) Number of Buildings vs Vacant Space (Square footage)



# Working towards a Brighter Future: Improving Public Transportation

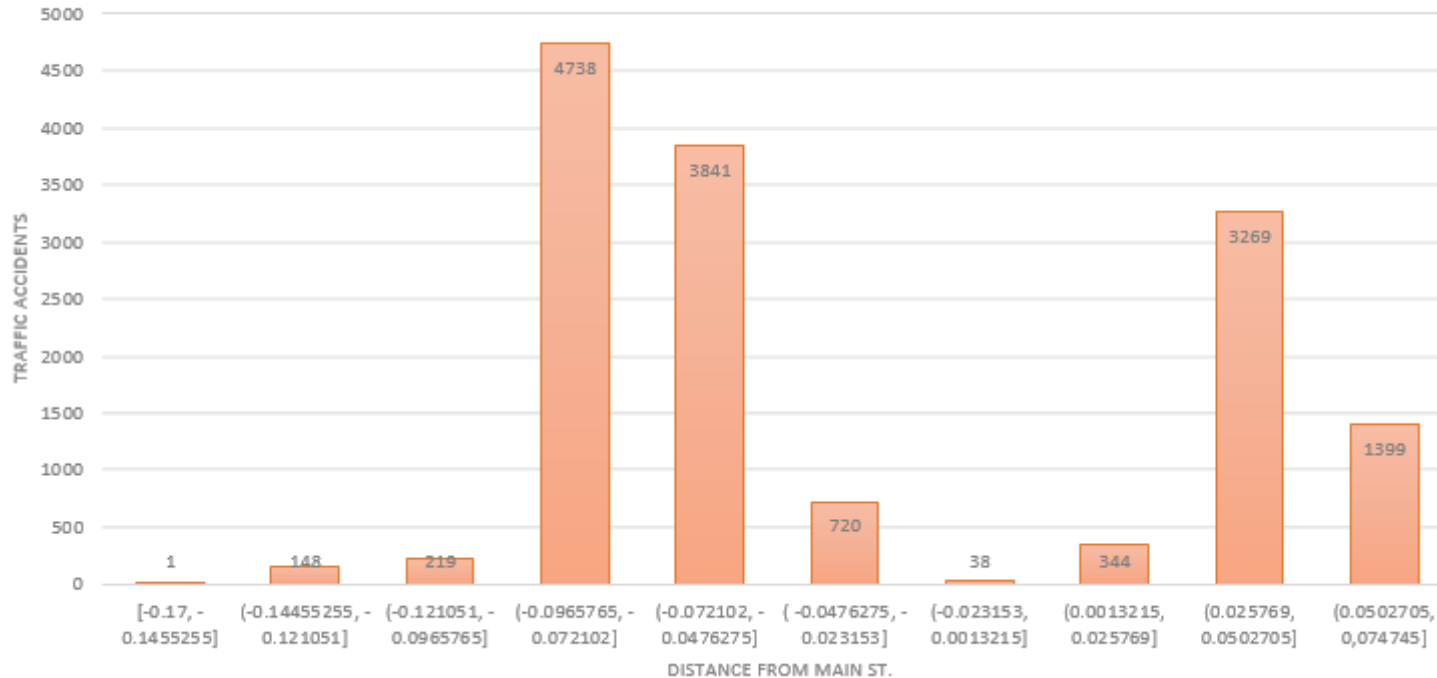


## Public Transportation Effect on # of Accidents

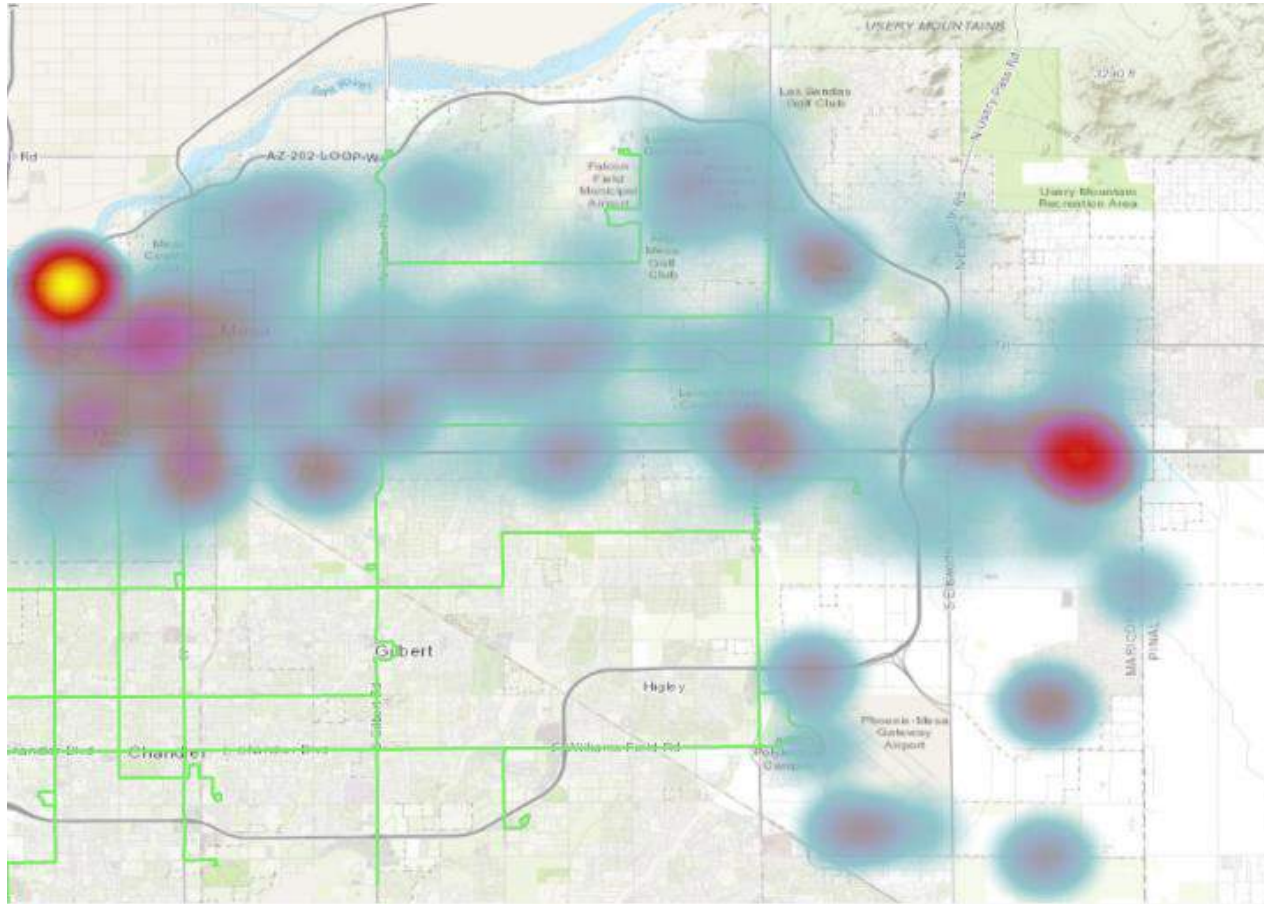
<https://data.mesaaz.gov/Public-Safety/Traffic-Accidents/24df-s3cy>

# Public Transportation Effect on # of Accidents

Traffic Accidents Surrounding Valley Metro Rail in Mesa, Arizona



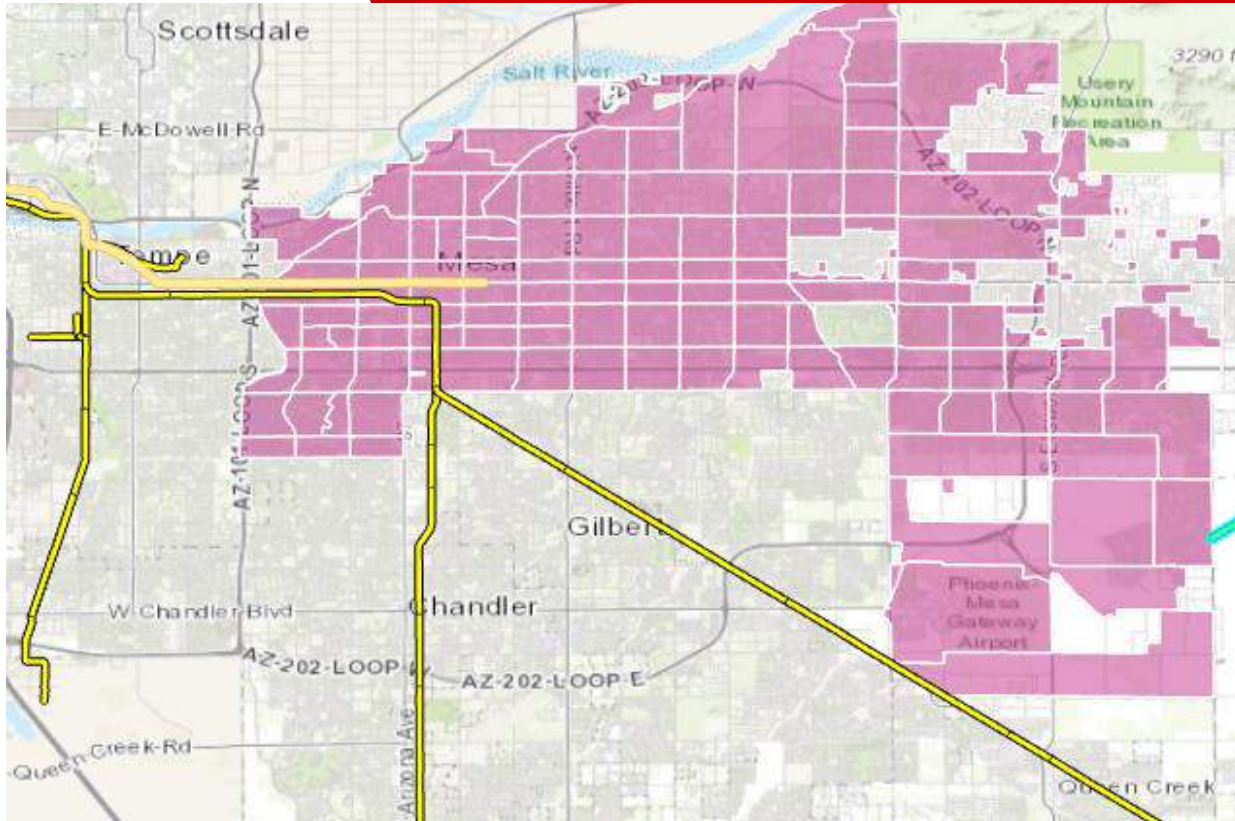
# Transit Relation to Crime



<https://www.census.gov/geo/maps-data/data/tiger-data.html>

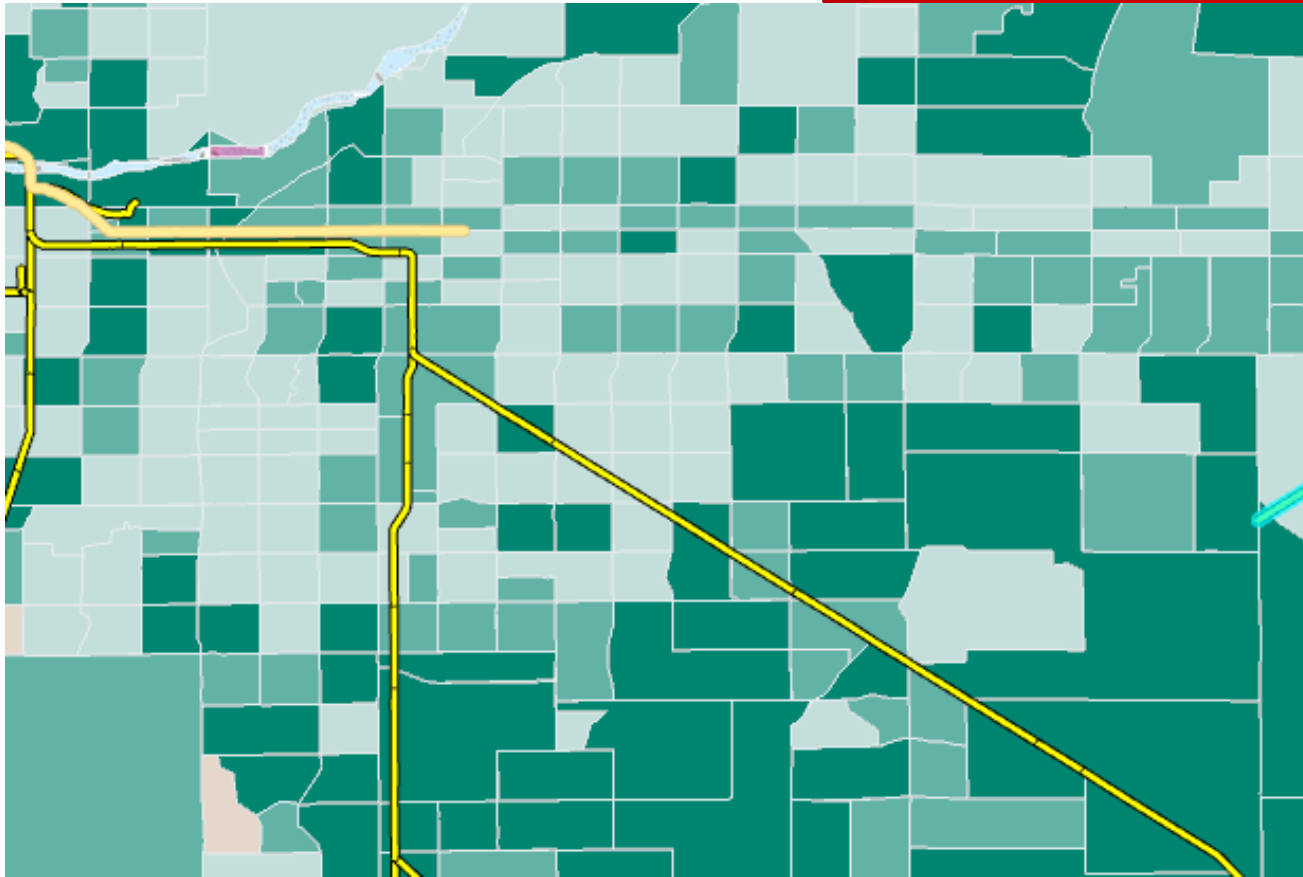


# Proposed Commuter Line



- 37 min from Queen Creek
- Passes by many growing areas in Mesa

# Proposed Commuter Line



- Hits Major Growth Areas
- Can be connected with Bus infrastructure
- Encourages development
- Annual estimated ridership of 5.5 million

-estimated population growth through 2040



# To Revisit:

First stage

A Potential Area  
for Improvement:  
**County Islands**



Second  
stage

Building a  
Foundation for  
Long-term Growth:  
**Post-Secondary  
Education in  
Arizona**



Third  
stage

Working towards a  
Brighter Future:  
**Improving Public  
Transportation**

# Mesa Data Portal

- Creating visualizations
- Ability to overlay different maps
- Access to city demographics

Questions? Thank you!

