

# Data & Analysis with the TRP Data

Population Technical Advisory Committee  
May 31<sup>st</sup>, 2016

# Maricopa County Trip Reduction Program

## ■ Goal

- Reduce single occupant vehicle (SOV) trips and/or miles
- **Annual commute survey of employer and school sites**
- Results of survey used to develop an annual plan

## ■ Uses

- MAG Employer Database
- Valuable Analysis Benefits
  - Age and Occupation statistics
  - Commute patterns
    - Distance/location
    - Mode

## ■ Limitation

- Very small sample sizes in some areas
- **Only Includes Employers with 50+ Employees**



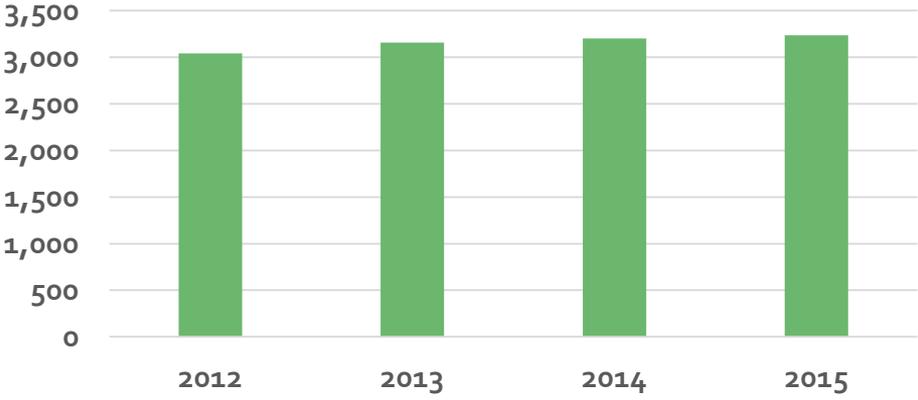
TRP Survey Size	2013	2014	2015
# of Employers Surveyed	3,159	3,200	3,237
# of Employees Surveyed	502,500	477,082	496,814



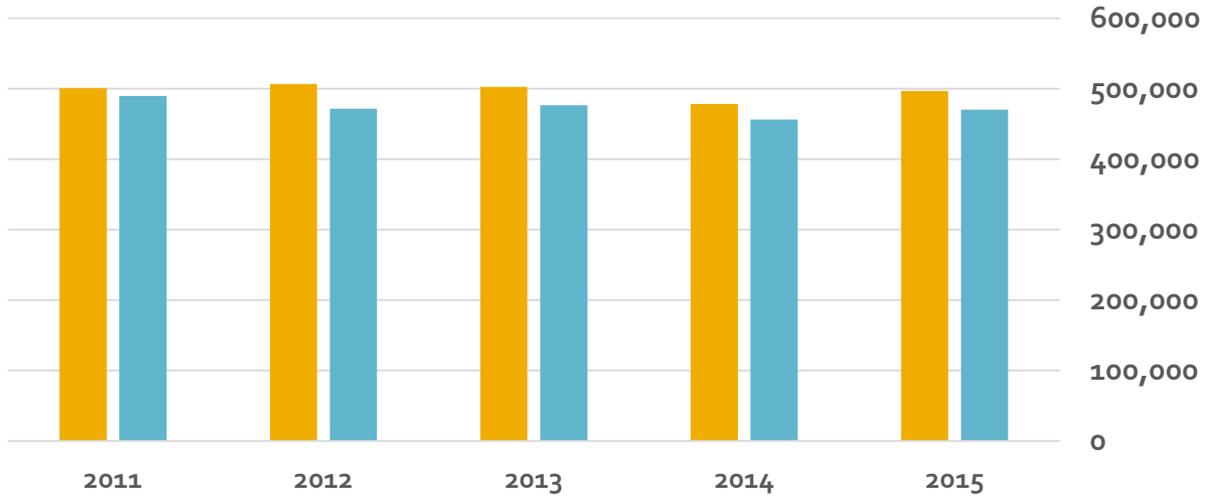
# Survey Sizes

## Consistently close to 500,000

### # of Businesses Surveyed



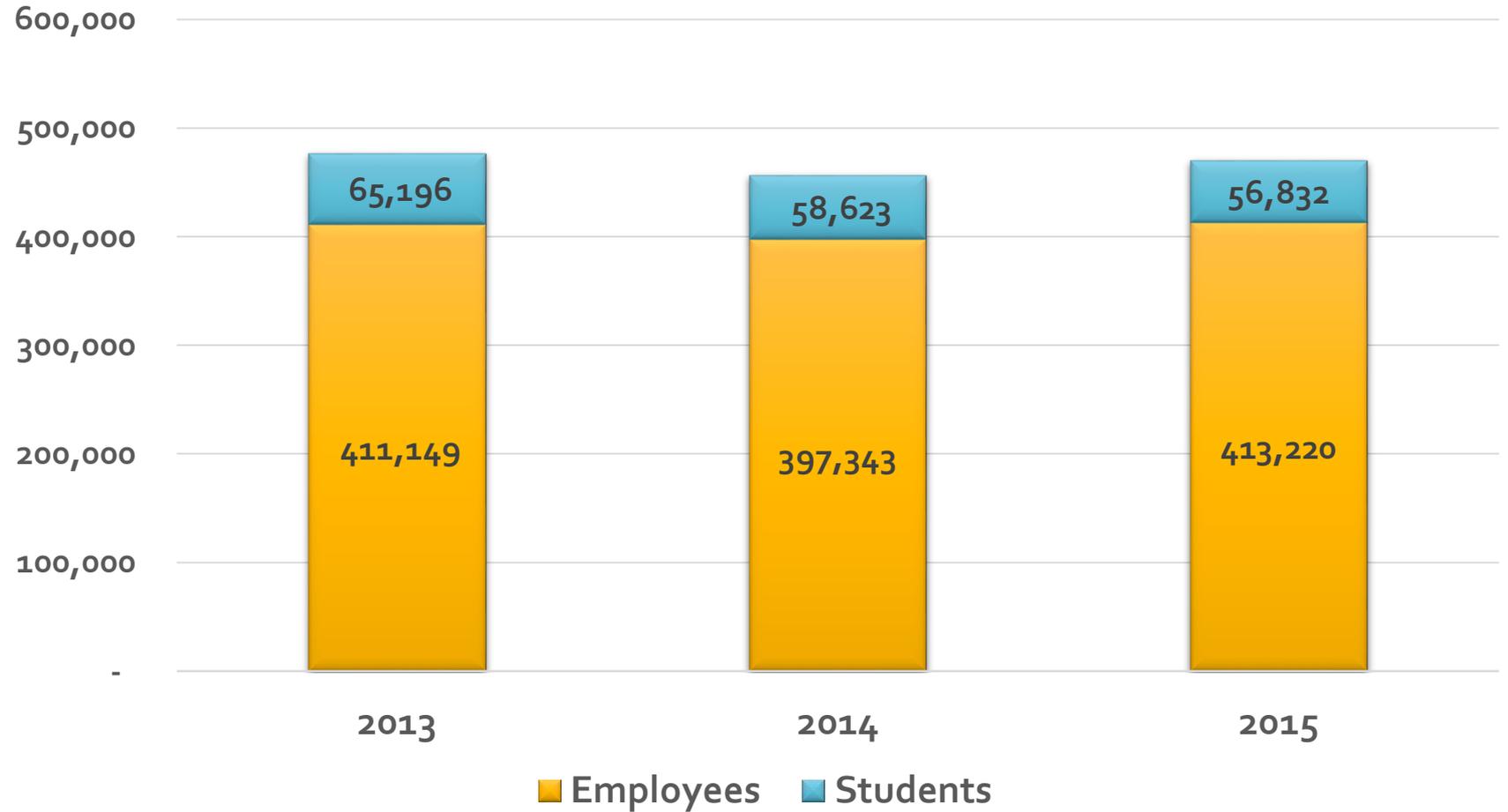
### # of Employees Surveyed



Approximately 95% of surveys geocode each year

■ # of Employees Surveyed ■ # of Employees Surveyed (geocoded)

# Employees vs. Students Surveys

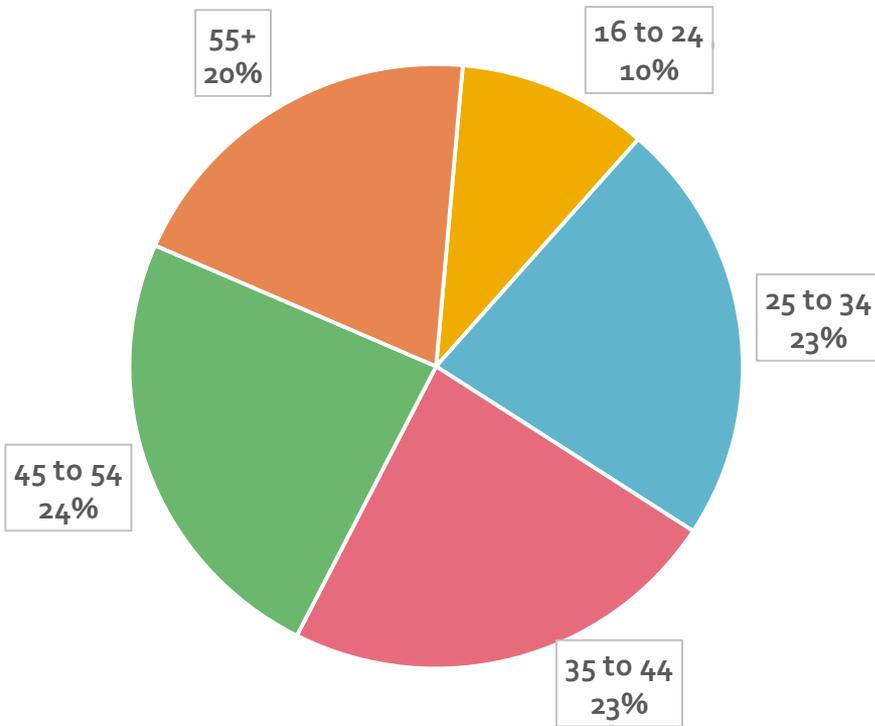


# Examples of Analysis

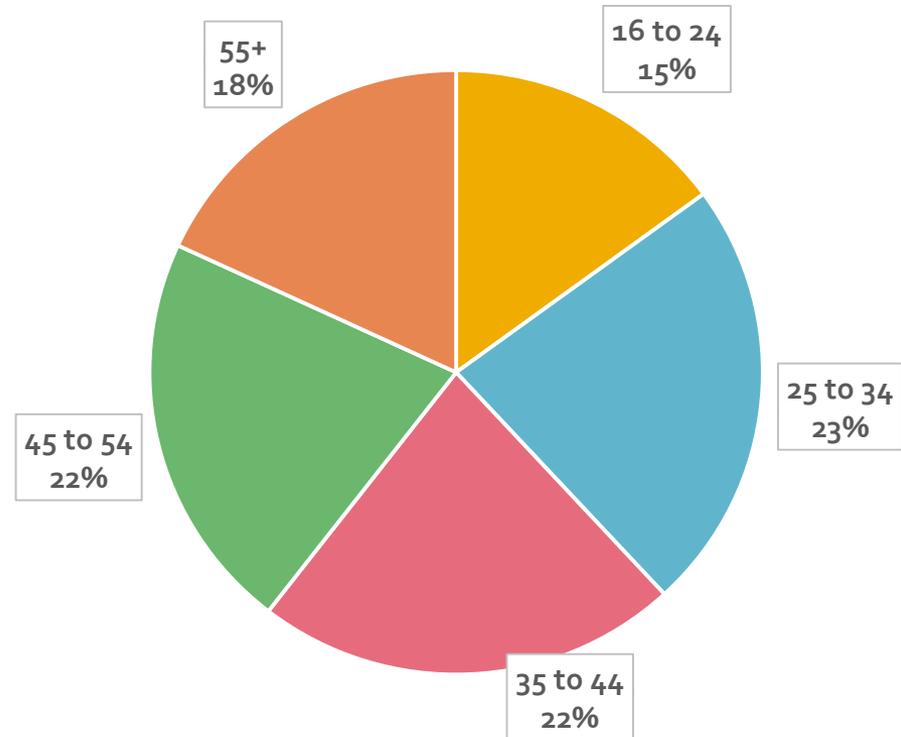
Population Technical Advisory Committee  
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# Age Comparison with Census

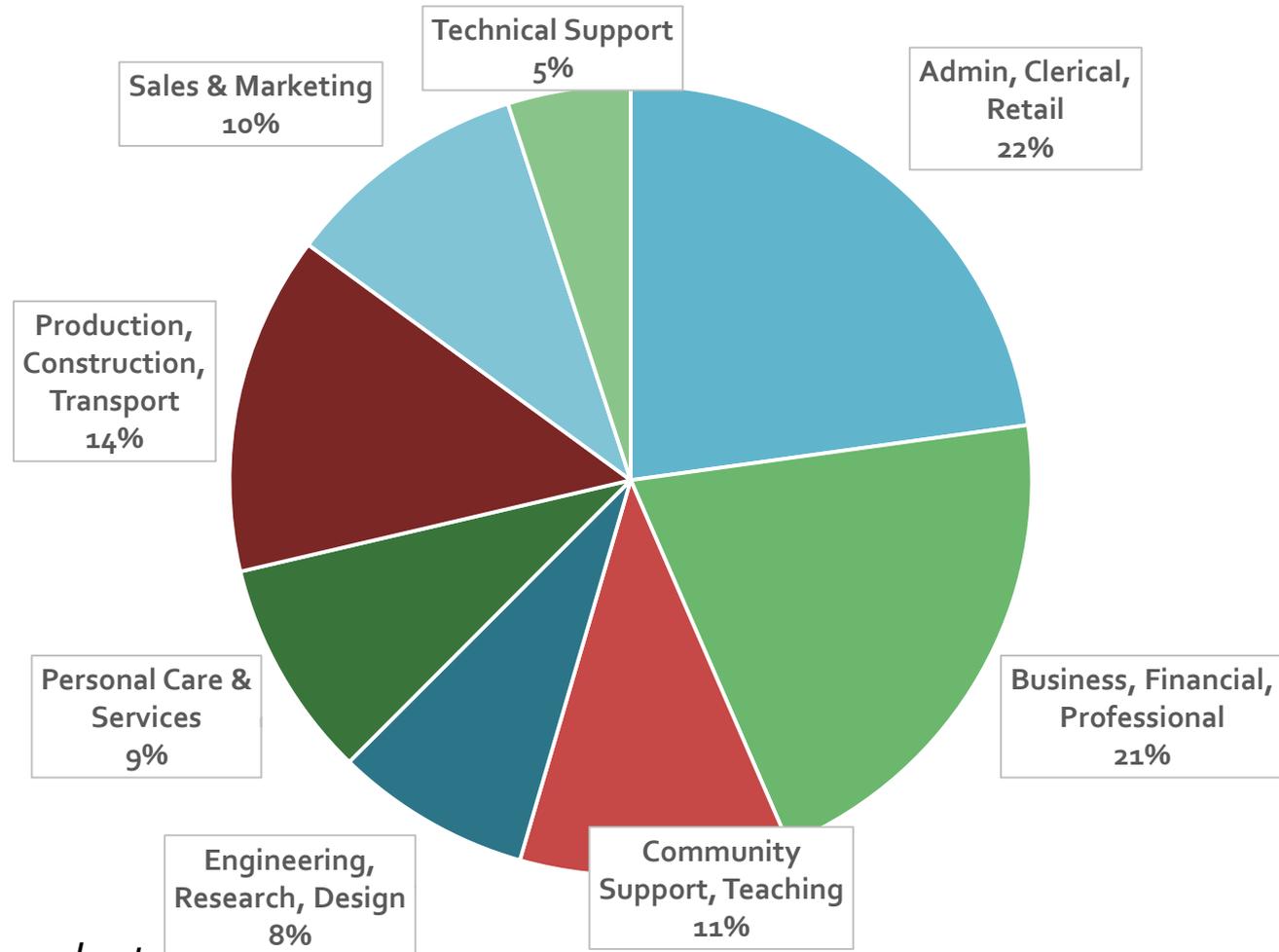
## TRP 2015



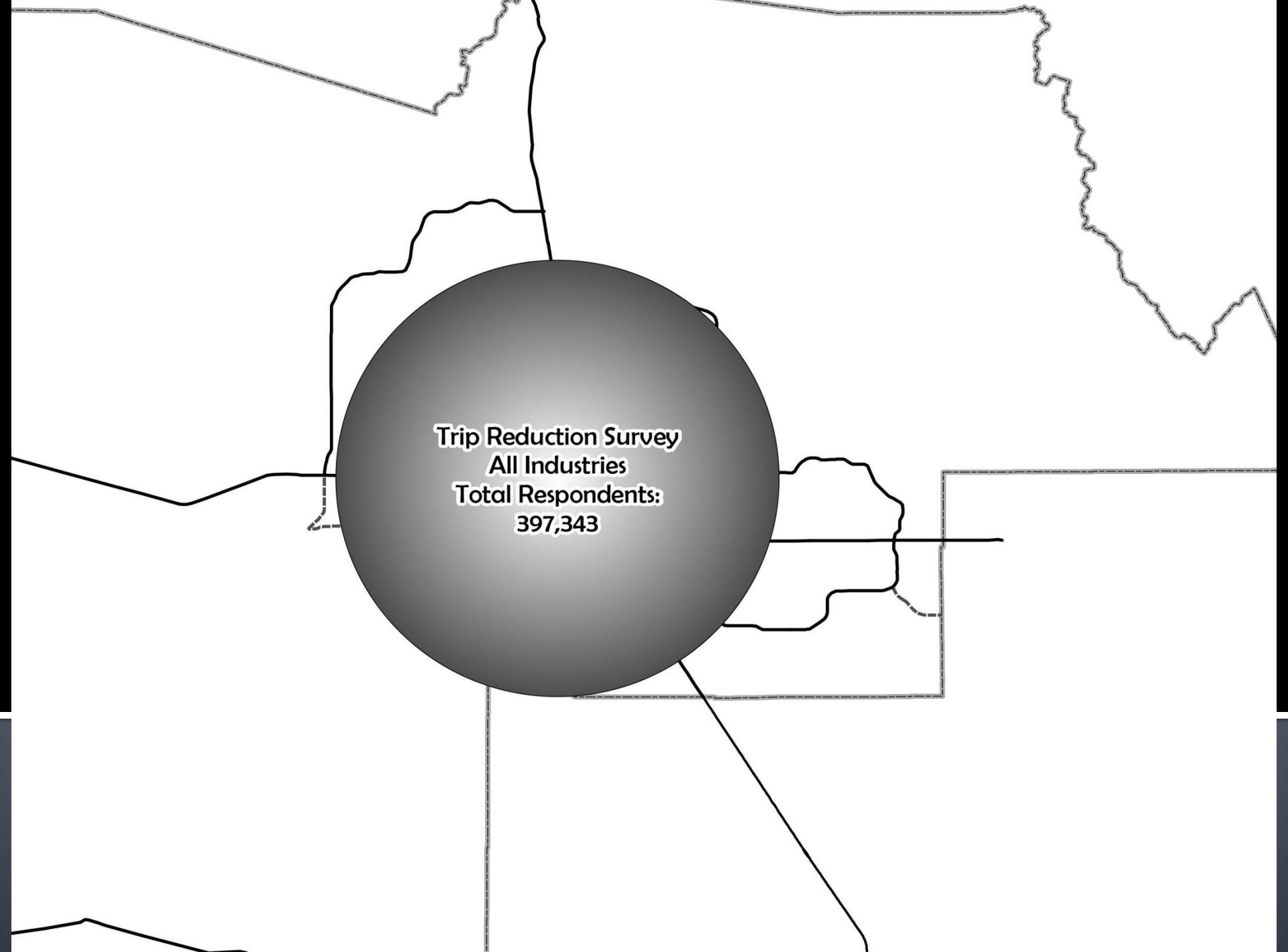
## Census ACS 2014 Labor Force



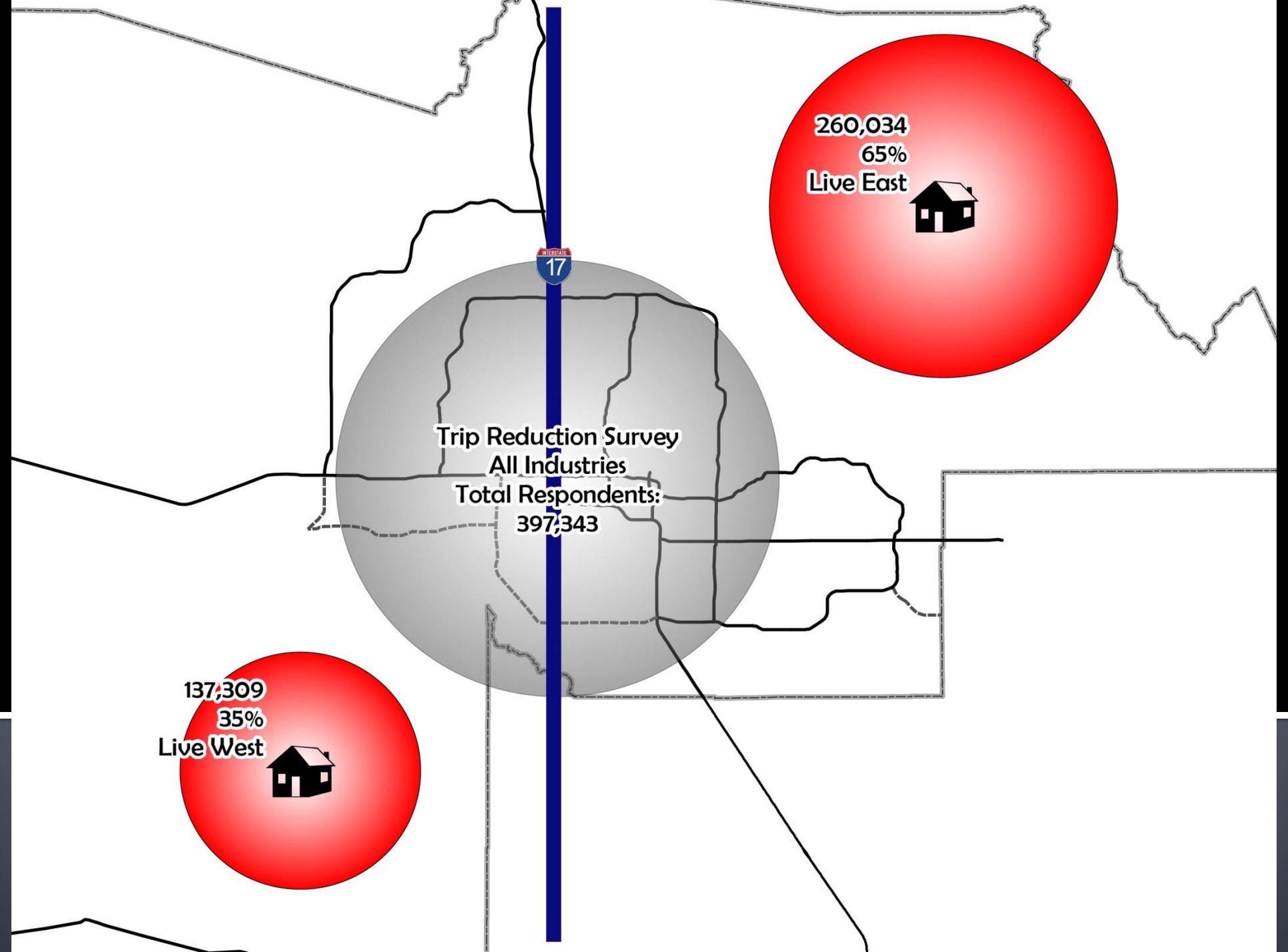
# Occupational Analysis



*Not all respondents disclosed an occupation*



**Trip Reduction Survey**  
**All Industries**  
**Total Respondents:**  
**397,343**



92,803  
23%  
Work West



260,034  
65%  
Live East



Trip Reduction Survey  
All Industries  
Total Respondents:  
397,343

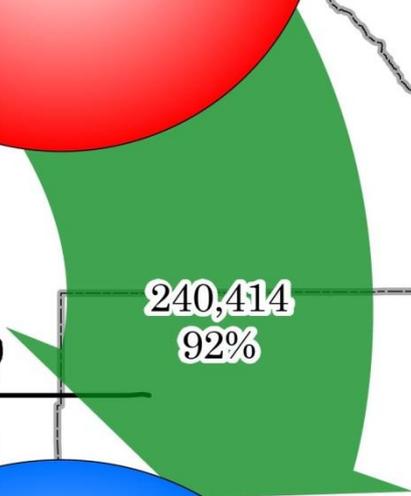
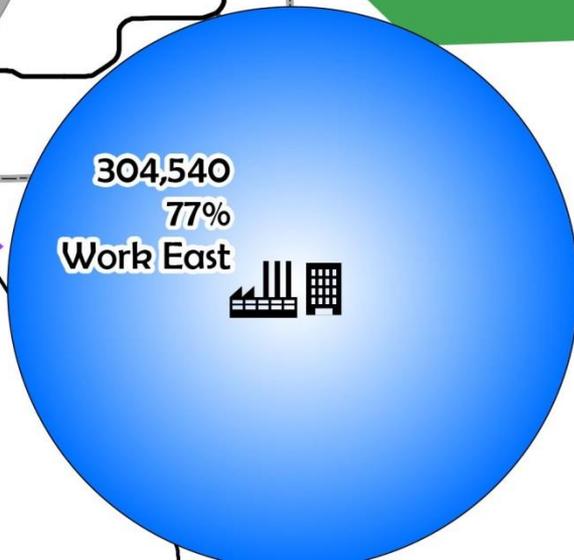
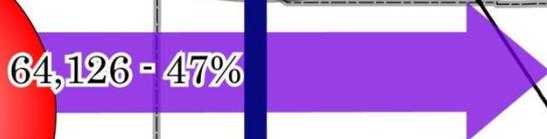
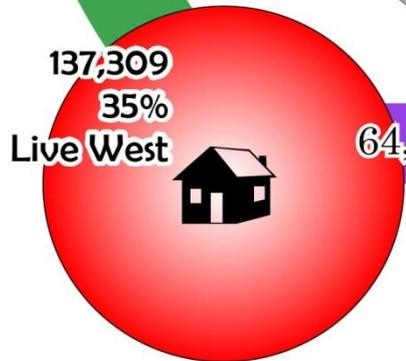
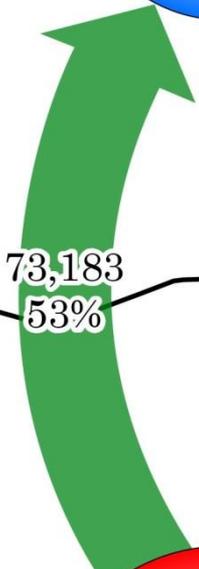
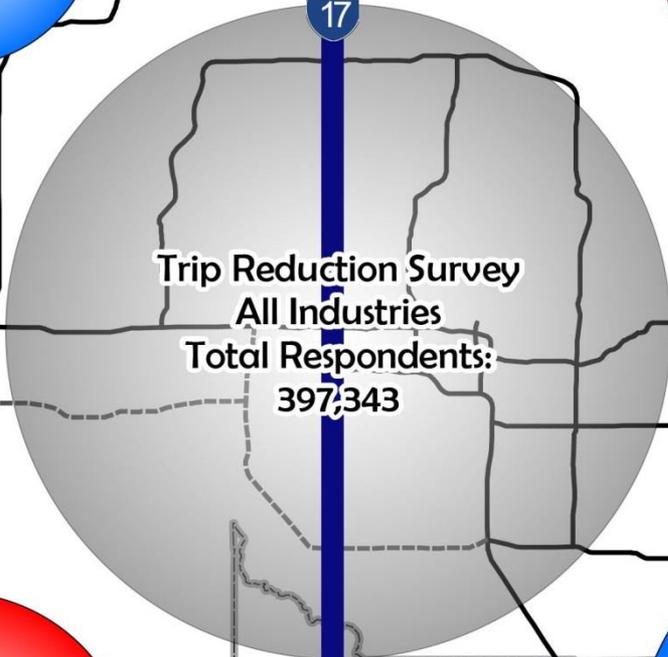
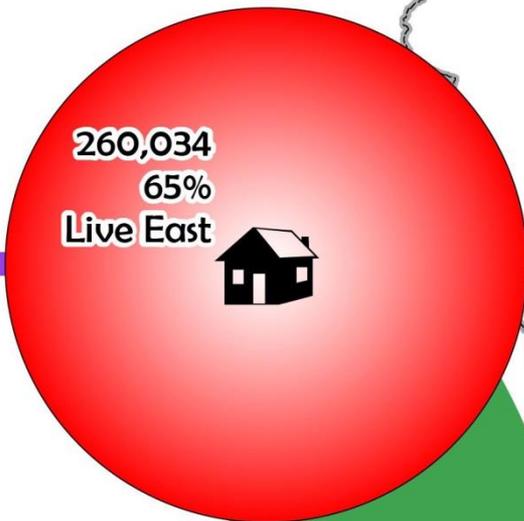
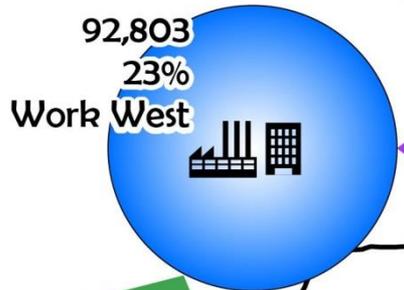


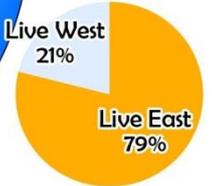
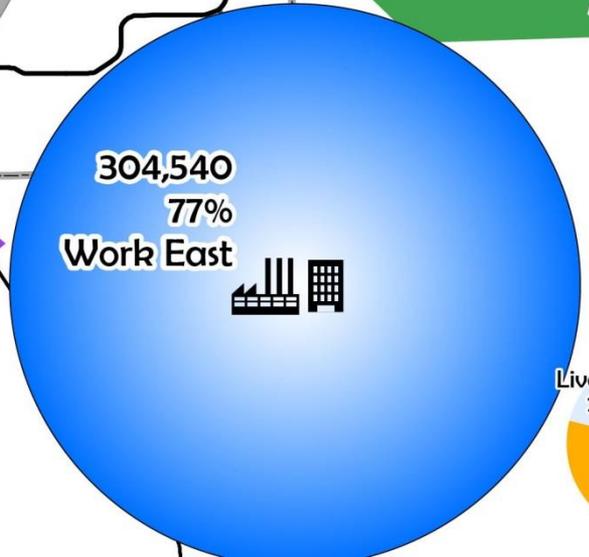
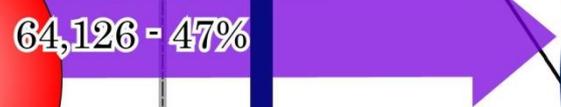
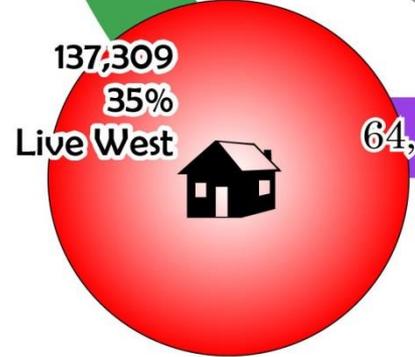
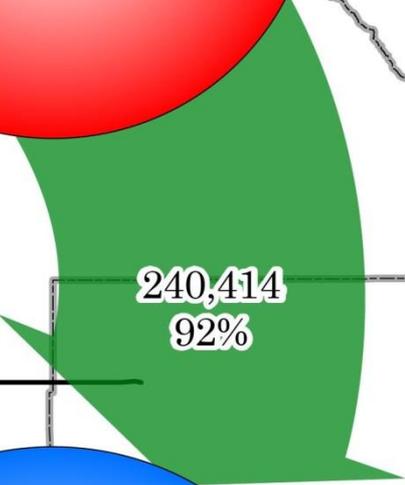
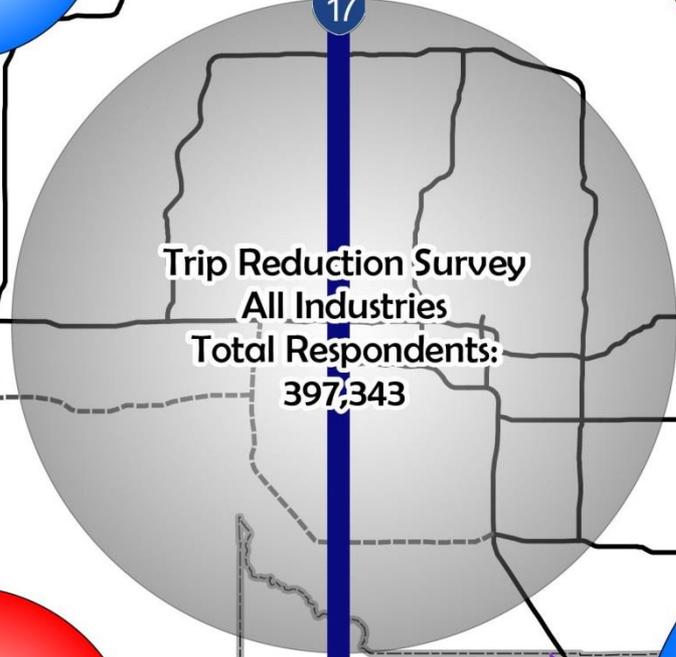
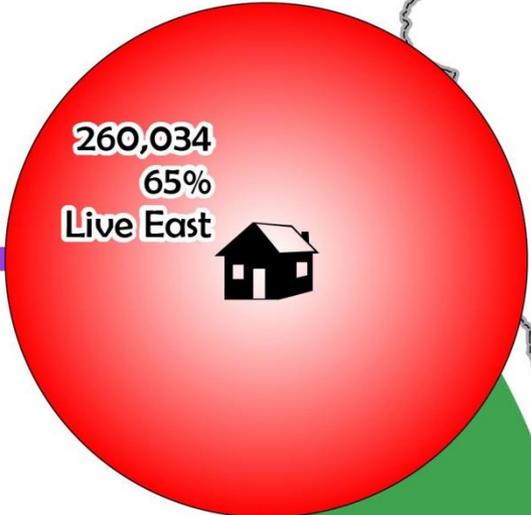
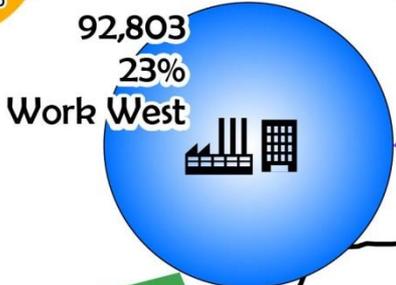
137,309  
35%  
Live West

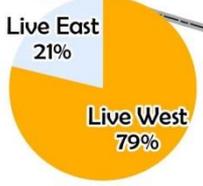


304,540  
77%  
Work East

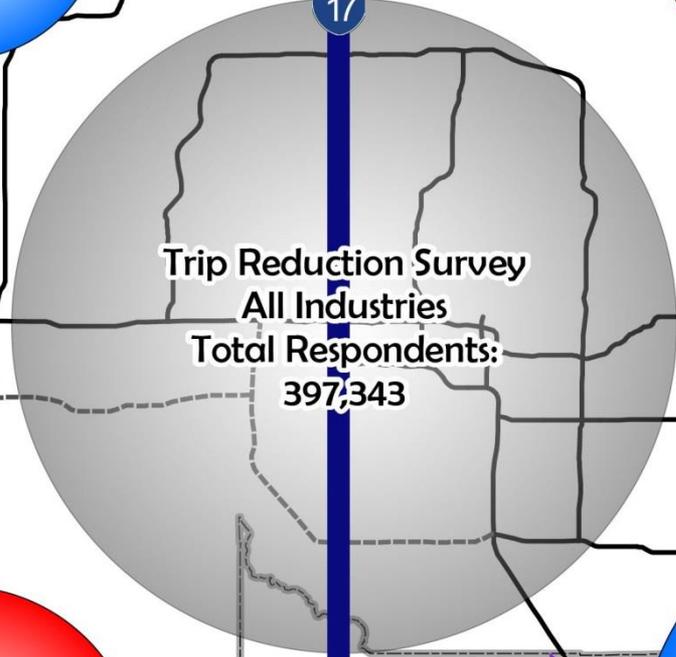
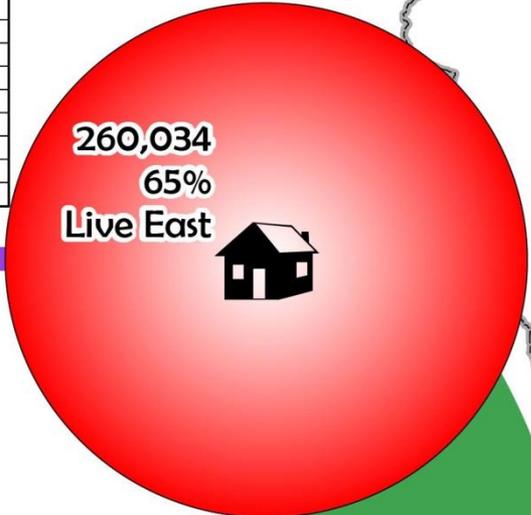
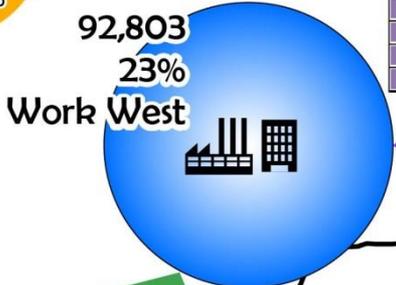




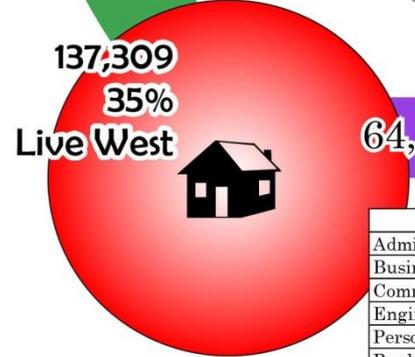
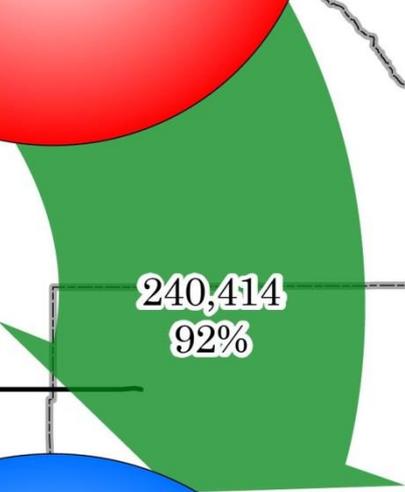




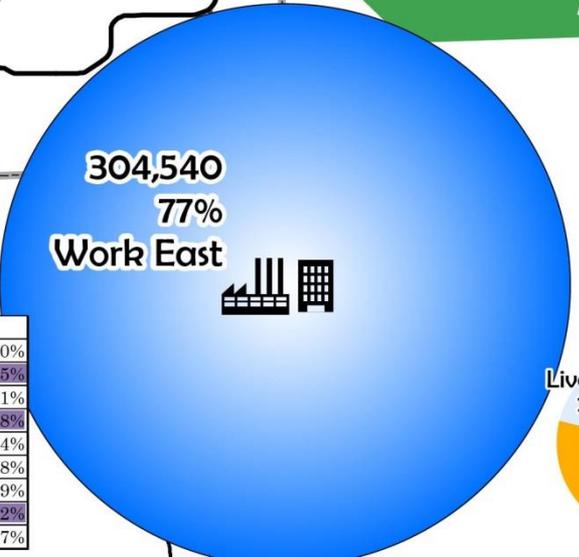
East Valley Residents Working in the West Valley	
6.5%	Administrative/Clerical/Retail
5.4%	Business/Financial/Professional
11.5%	Community Support/Teaching
4.5%	Engineering/Research/Design
7.9%	Personal Care & Services
13.6%	Production/Construction/Transport
6.0%	Sales & Marketing
5.0%	Technical Support
9.0%	Other



19,620 = 8%



64,126 = 47%



West Valley Residents Working in the East Valley	
48.0%	Administrative/Clerical/Retail
68.5%	Business/Financial/Professional
23.1%	Community Support/Teaching
67.8%	Engineering/Research/Design
41.4%	Personal Care & Services
32.8%	Production/Construction/Transport
50.9%	Sales & Marketing
68.2%	Technical Support
37.7%	Other

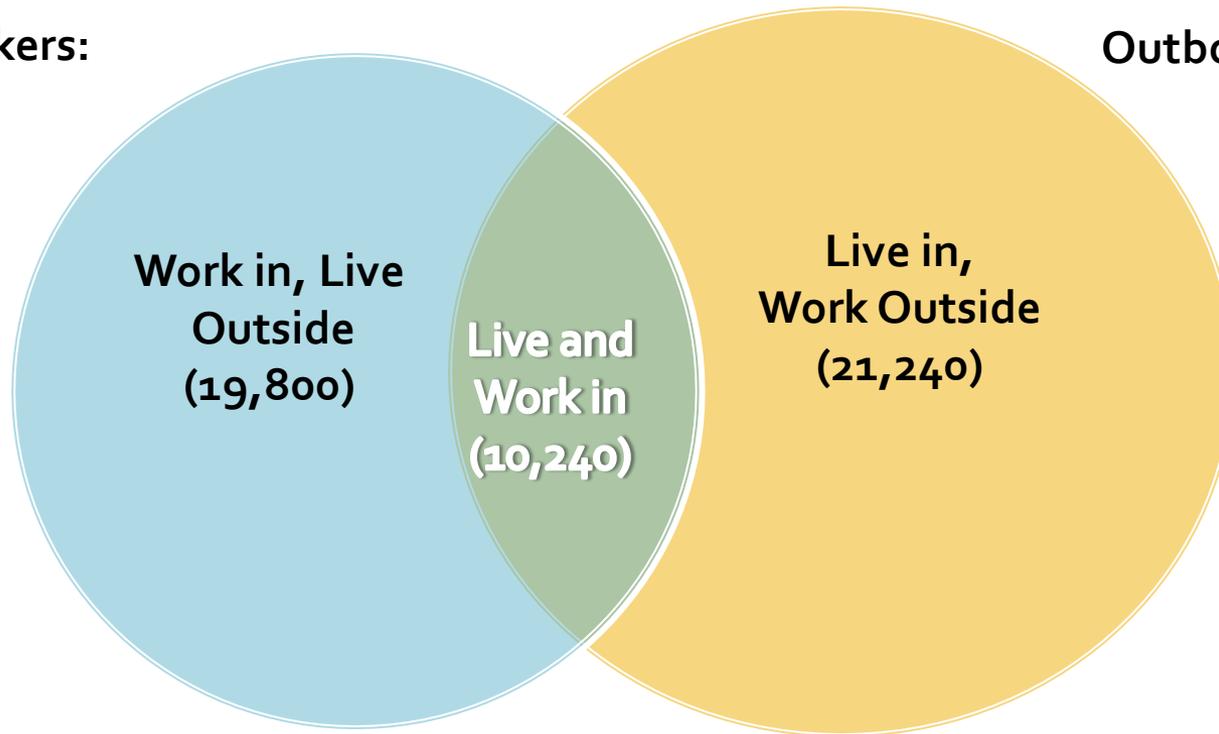


# Chandler Residents & Workforce

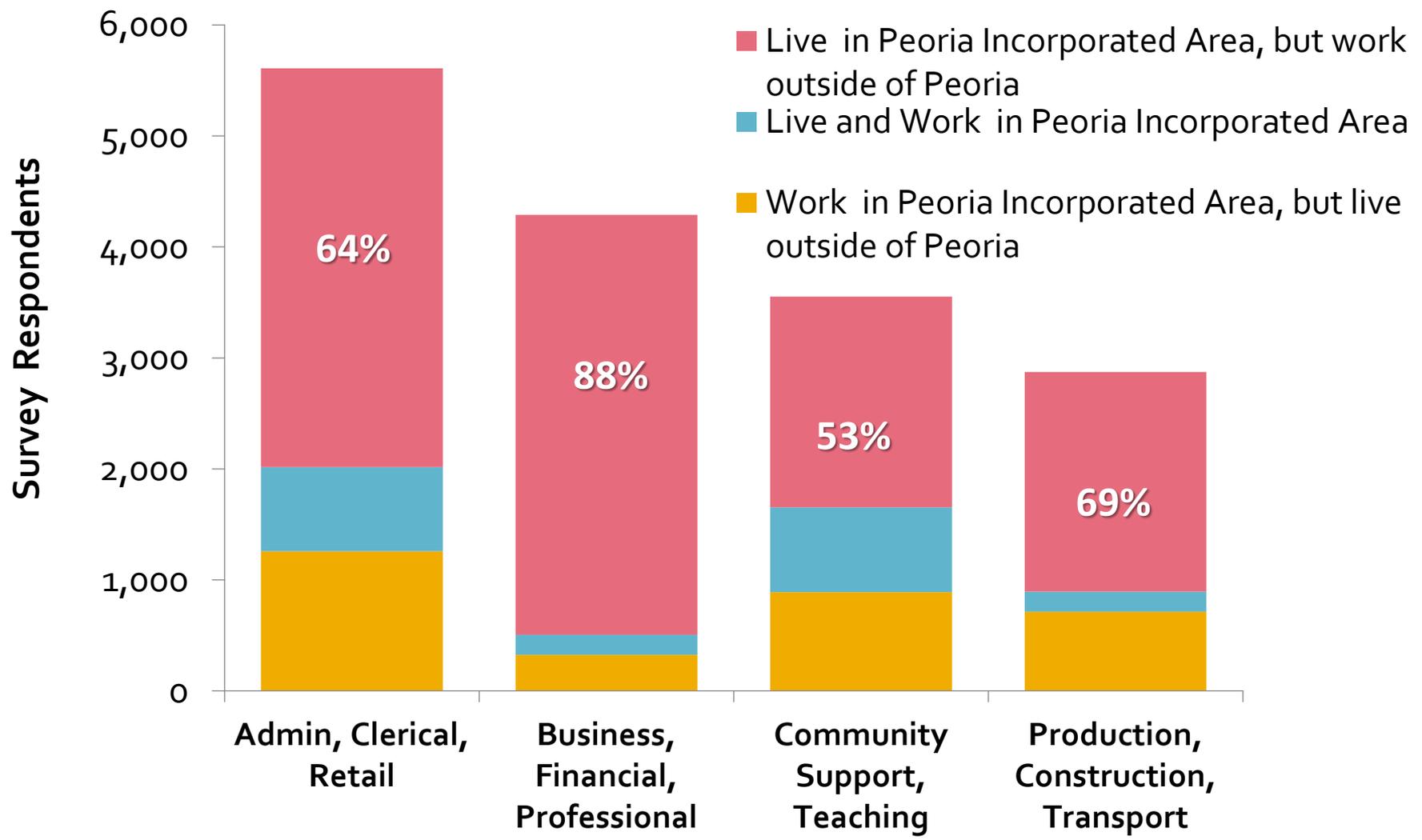
**2015 Trip Reduction Program (TRP):**  
51,280 Employees Surveyed Living or Working in Chandler

**Inbound Workers:**  
39%

**Outbound Workers:**  
41%



# Occupation by Work Place & Employee Residence



# Employment Viewer

### Employment Summary for 85013

Total number of businesses: 444  
Total number of employees: 16,786

Export Report:

Cluster Summary | Businesses by Cluster | Employees by Cluster | Largest Employers | Worker Occupation

Worker Age | Employer List

TRP Survey Respondents

Legend: Live In, Work Out (blue), Live & Work In (red), Work In, Live Out (orange)

Source: 2014 Maricopa County TRP Survey Data for businesses with 50 or more employees.

### Employment Summary for Tolleson

Total number of businesses: 199  
Total number of employees: 12,609

Export Report:

Cluster Summary | Businesses by Cluster | Employees by Cluster | Largest Employers | Worker Occupation

Worker Age | Job Centers | Live Work Maps | Employer List

[Open Map in New Window](#)

Where people working in Tolleson Live

Find address or place

Region Summary

City/Town Summary

Jobs Center Summary

Zip Code Summary

Get Report

Interactive Summary

Data Query

### Employment Summary for Bell Rd/Sports Complex

Total number of businesses: 181  
Total number of employees: 6,854

Export Report:

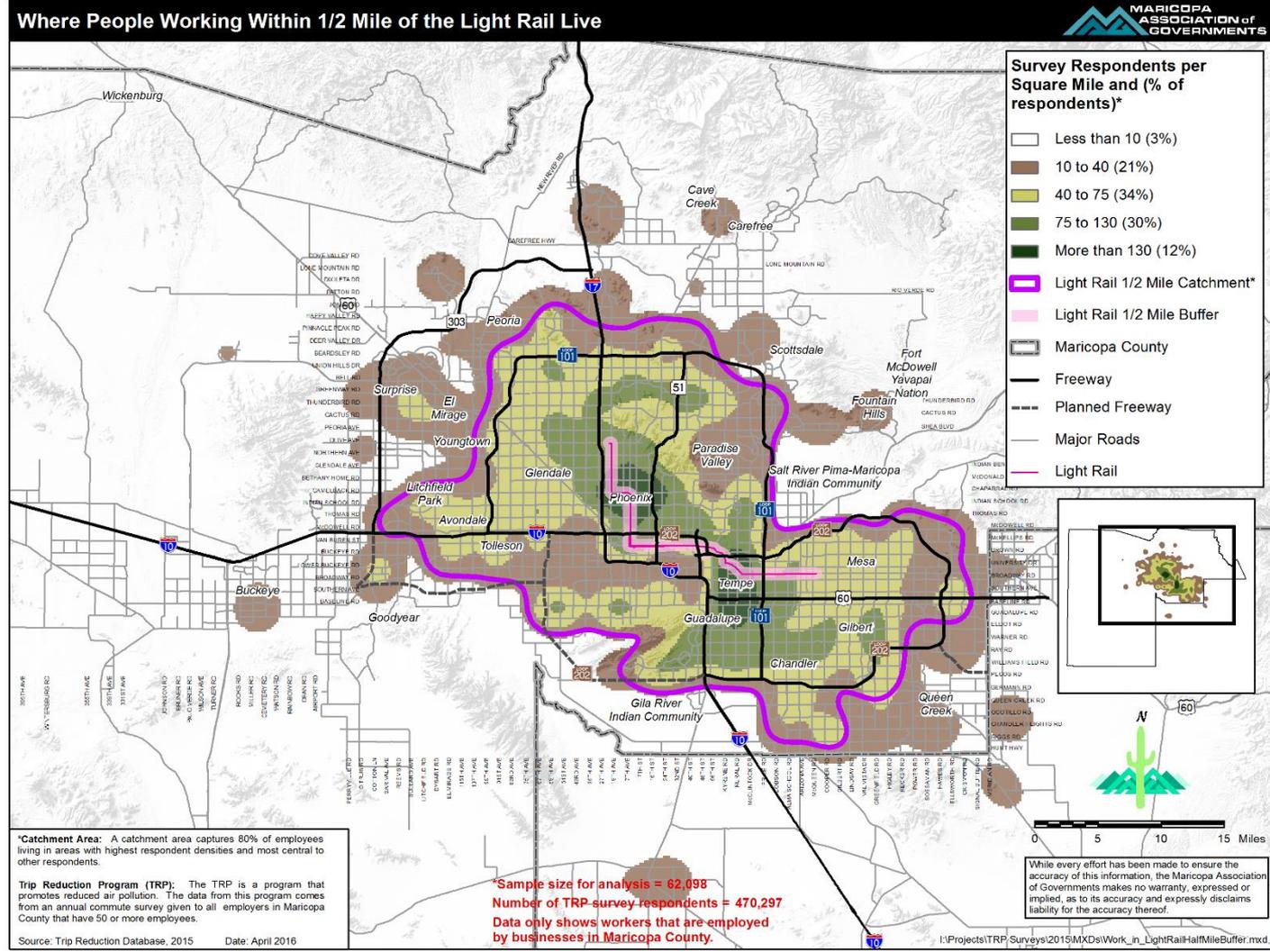
Cluster Summary | Businesses by Cluster | Employees by Cluster | Largest Employers | Worker Occupation

Worker Age | Worker Commute Map | Employer List

Source: 2014 Maricopa County TRP Survey Data for businesses with 50 or more employees.

# Worker Commuting Patterns

## Working close to the light rail



# Data & Analysis with the TRP Data



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