



THE NON-PROFIT HOUSING ASSOCIATION OF NORTHERN CALIFORNIA

# Transportation and Land-Use Impacts on Sustainable Affordable Housing

Zakhary Mallett

Research Intern

Non-Profit Housing Association of Northern California



## Descriptive Statistics

### Categories of Properties and Participation

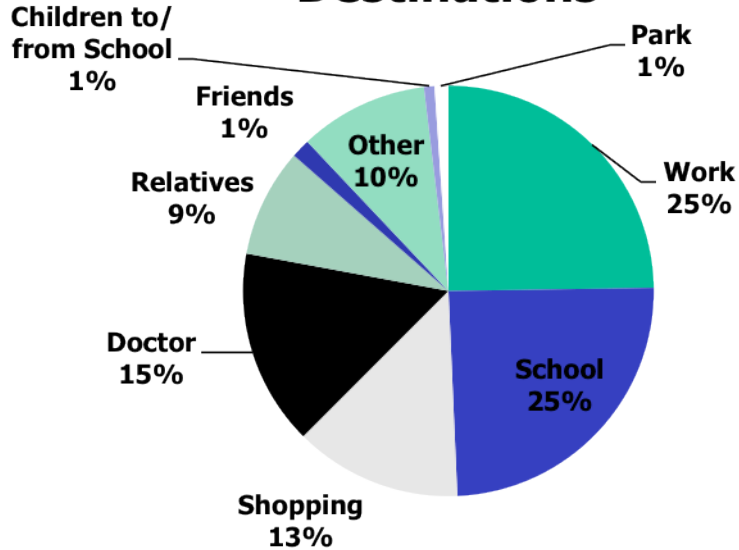
Site Type	Affordable Housing Sites		Household Survey Participants	
	#	%-Share	#	%-Share
Multi-Family; Non-Targeted	6	37.5%	323	46%
Seniors	4	25%	170	24%
SRO; Special Needs	6	37.5%	202	29%
TOTAL	16	100%	695	100%



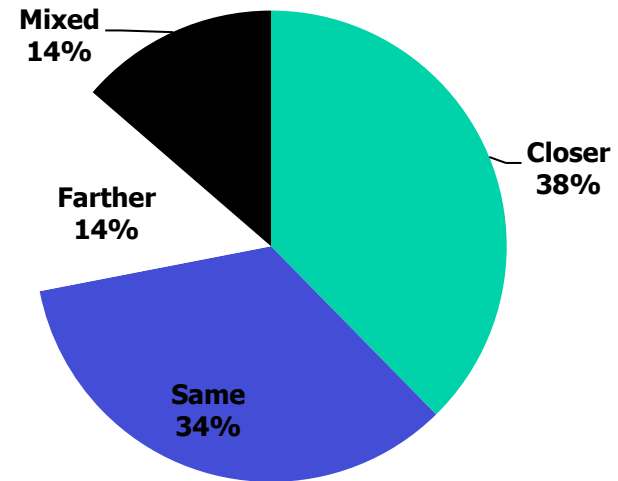
# Descriptive Statistics

## Common Destination Characteristics

### Residents' Most Common Destinations



### Residents' Change in Distance to Common Destinations Upon Moving to Affordable Housing



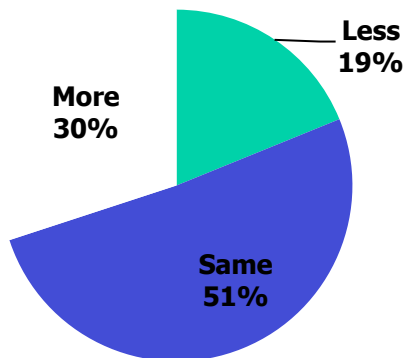
October 19, 2011



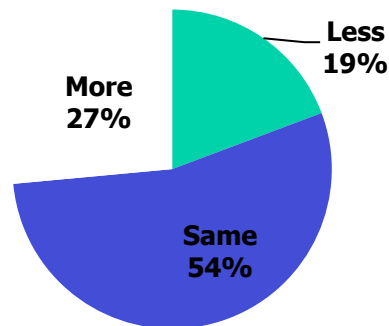
# Descriptive Statistics

## Change in Travel Behaviors

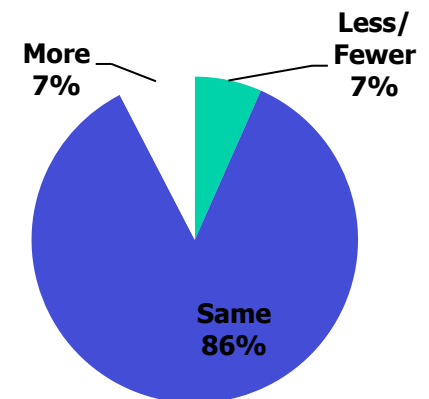
**Households' Change in Walking and Biking Frequency Upon Moving to Affordable Housing**



**Households' Change in Transit Use Upon Moving to Affordable Housing**



**Households' Change in Vehicle Ownership Upon Moving to Affordable Housing**

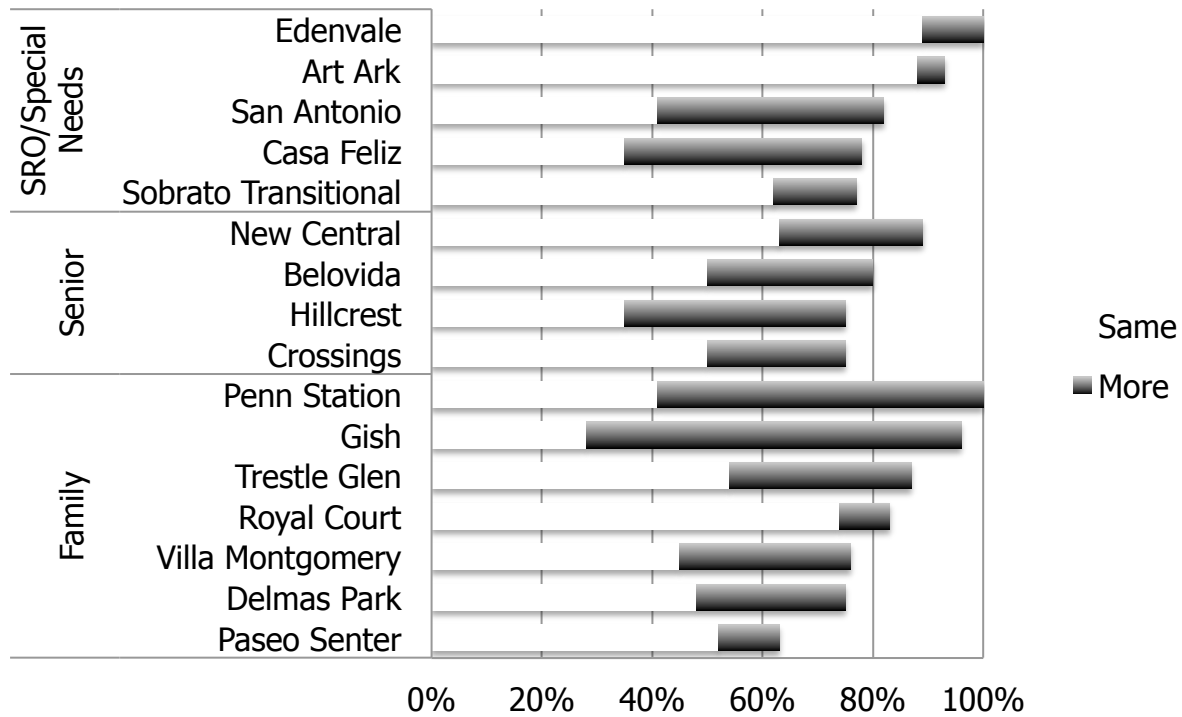


October 19, 2011



# Descriptive Statistics

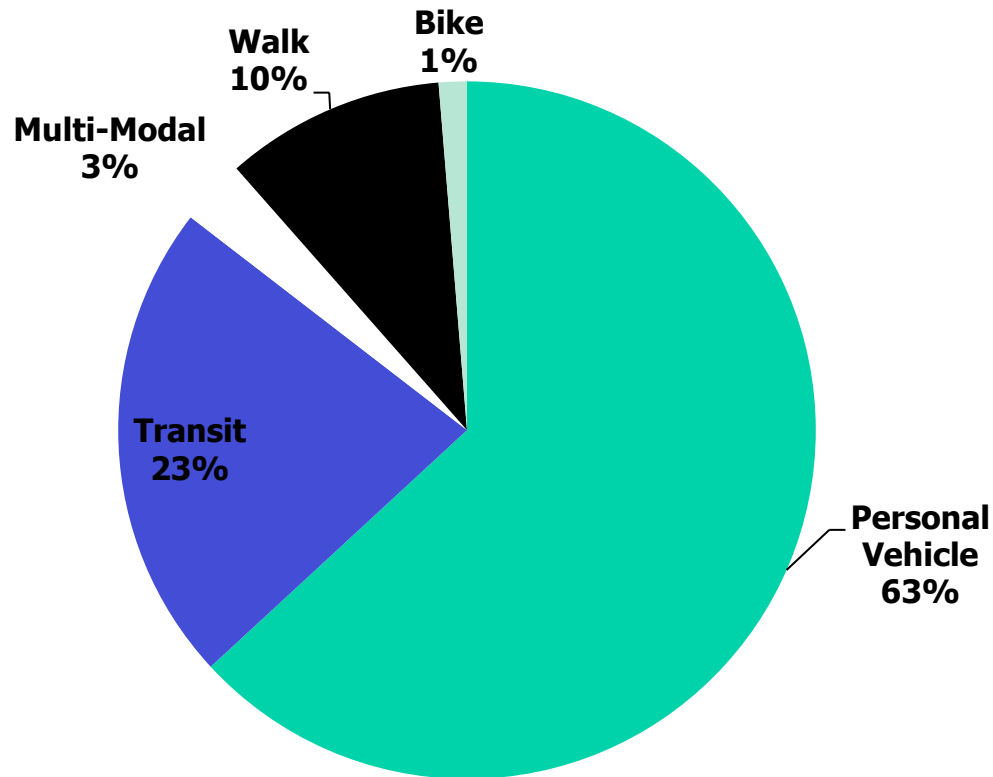
**Change in Transit Use by Site and Site Type Upon Moving to Affordable Housing**





# Descriptive Statistics

## Residents' Most Common Travel Modes

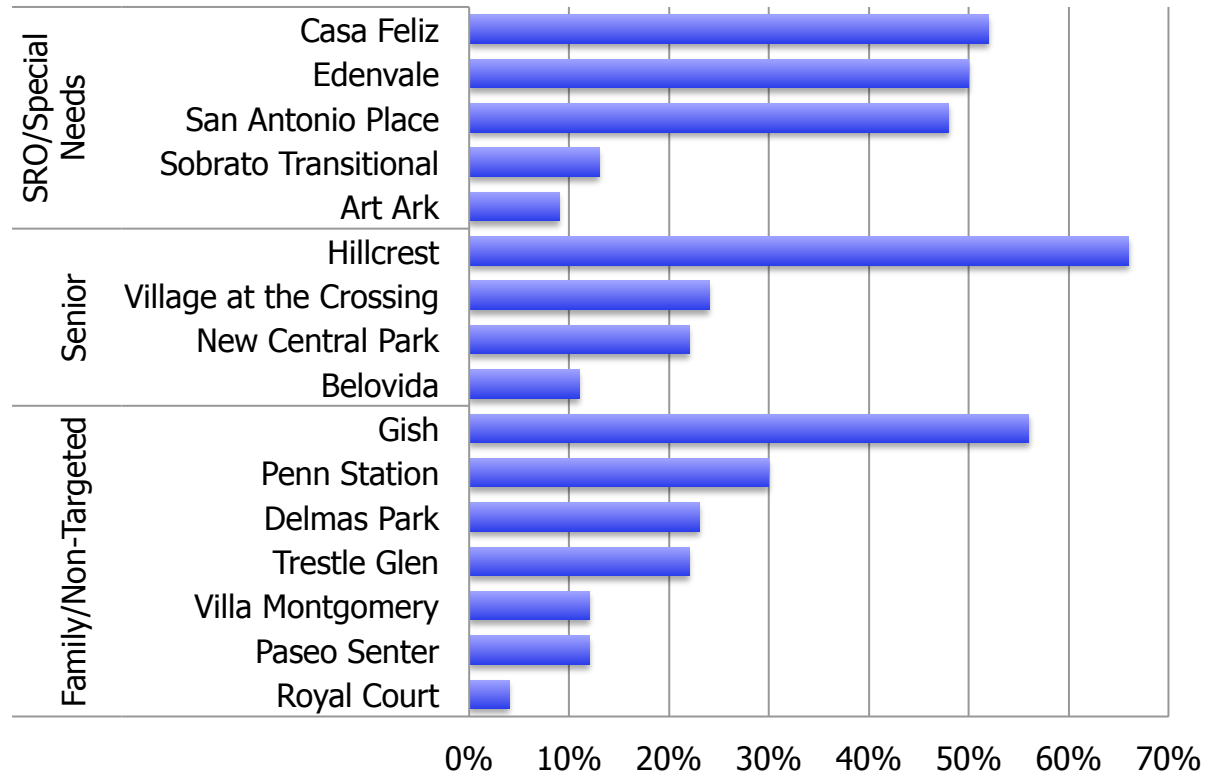


October 19, 2011



# Descriptive Statistics

## Percent Transit Usage by Site and Site Type

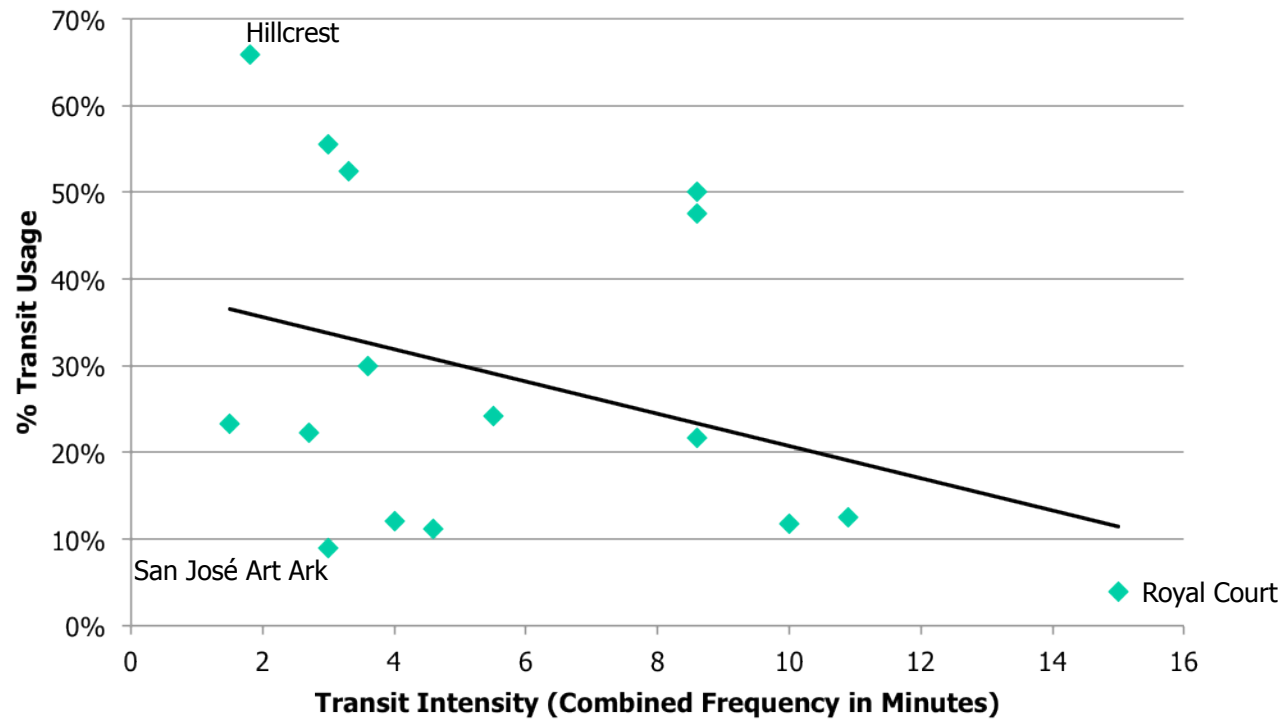


October 19, 2011



# Analysis

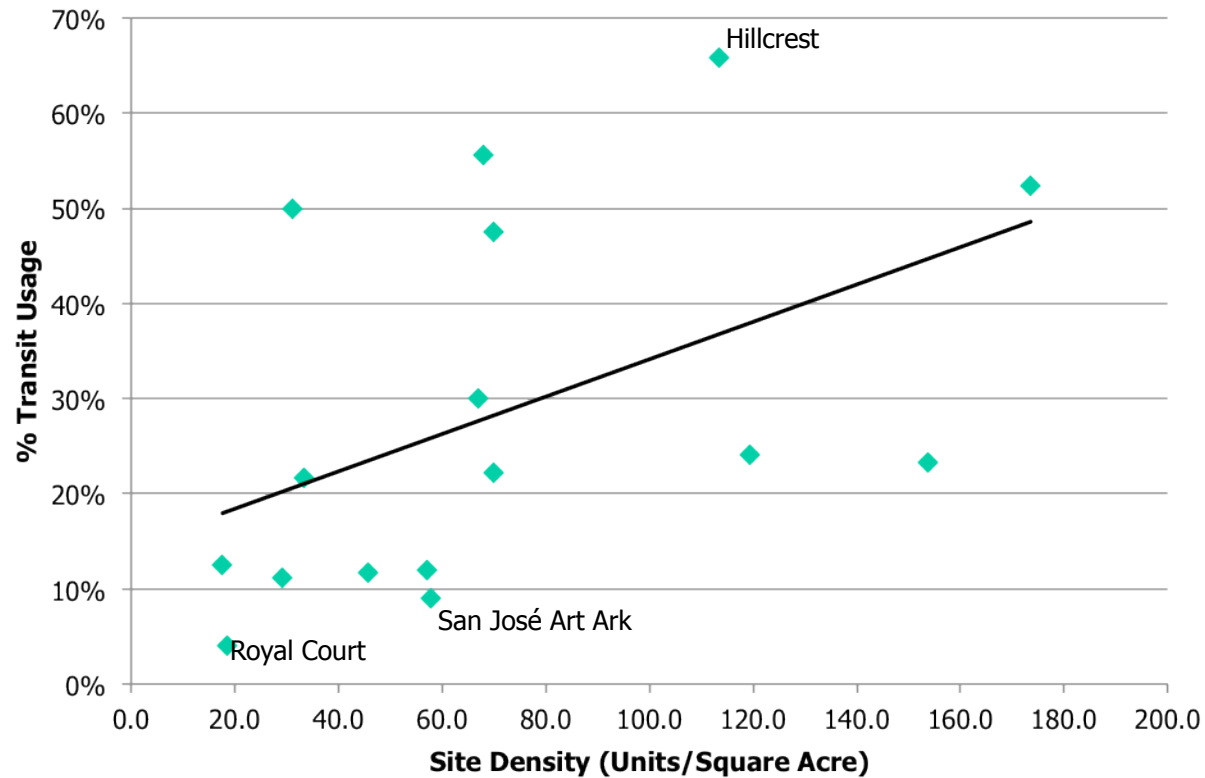
## Transit Usage v. Transit Intensity (Transit within 1/2-mile)





# Analysis

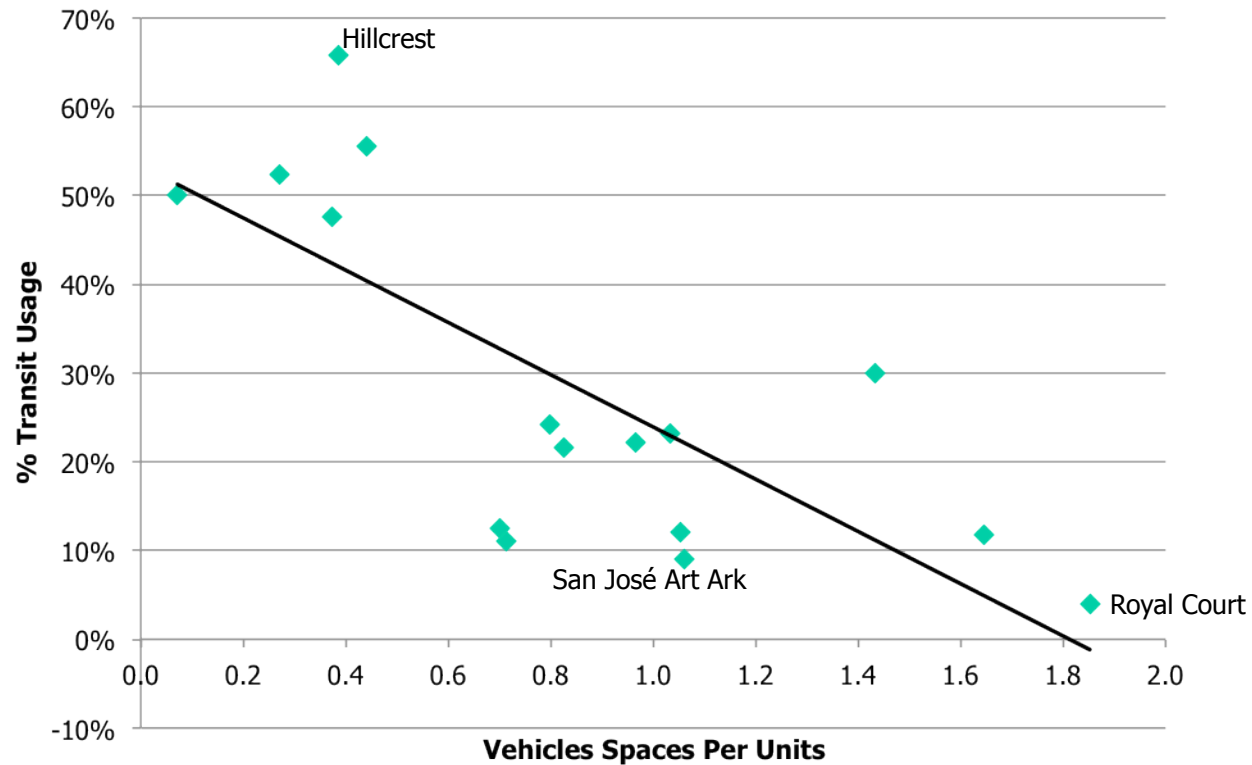
## Transit Usage v. Site Density





# Analysis

## Transit Usage v. Vehicles Per Unit

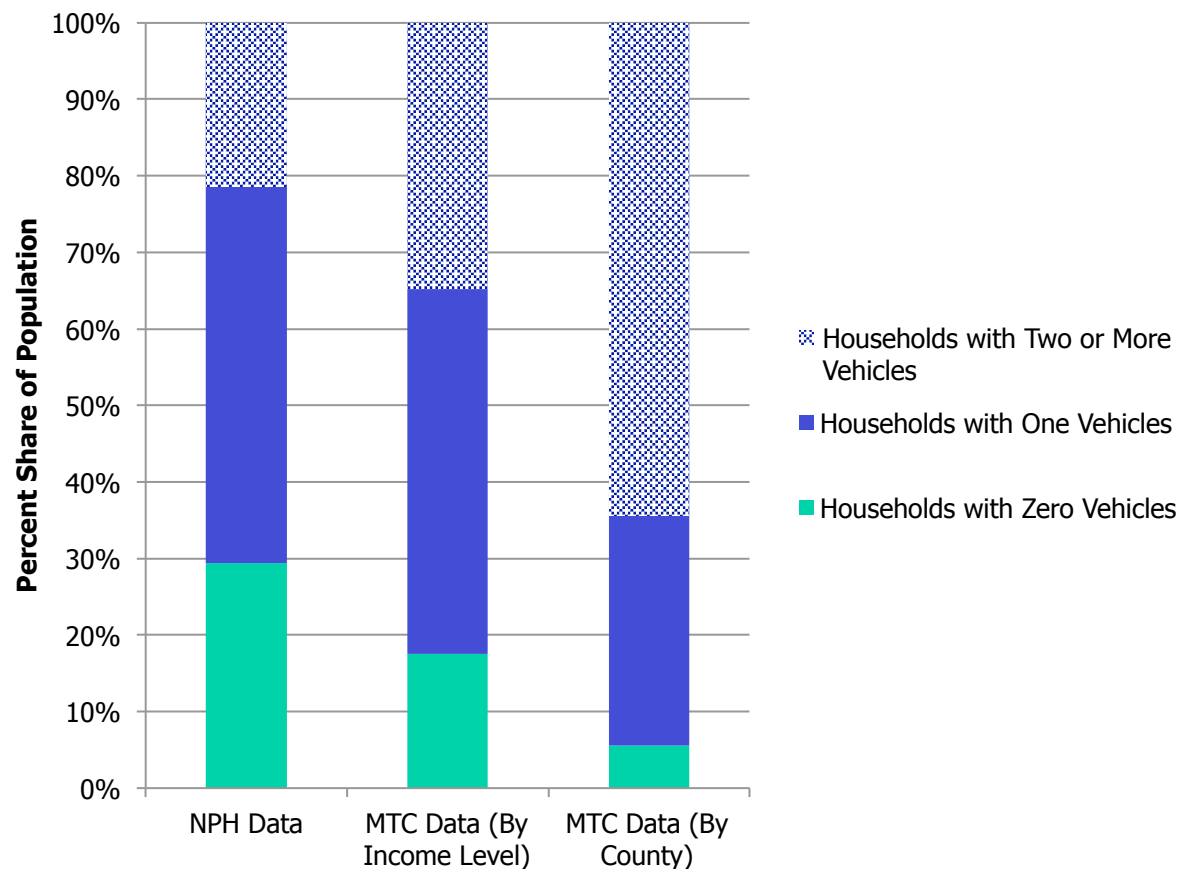


October 19, 2011

10



## A Comparison: Affordable Housing Residents to the General Population



October 19, 2011



A Comparison:  
Affordable Housing Residents v.  
the General Population

**NPH v. MTC**  
**Distribution of Travel Mode Choice**

