

STA Connected Mobility Implementation Plan

Survey Results Summary – DRAFT

May 2022

Solano Transportation Authority – Connected Mobility Implementation Plan

Introduction

Through March 2022, as a part of the Solano Transportation Authority's (STA's) Connected Mobility Implementation Planning Project's strategic outreach efforts and existing conditions analysis, and in order to collect input from as many riders and residents as possible about existing mobility needs and transit-related perceptions, the project public engagement team surveyed members of the public from across Solano County. The extensive feedback and comments received from over 600 respondents provided a wide lens to examine common themes across the broad range of perspectives among people who travel in the County, with specific reference to connected mobility in the region and the strengths and weaknesses of transit and other mobility services.

Based on the results of the survey, participants represented a diverse cross section of Solano County's population, with respondents being from a range of different communities, income levels, and ethnic backgrounds. Furthermore, participants were generally familiar with the County's transit services. Therefore, the respondents constitute a group that provides a valuable and varied perspective on the County's mobility services and the opportunities and challenges facing regional connected mobility.

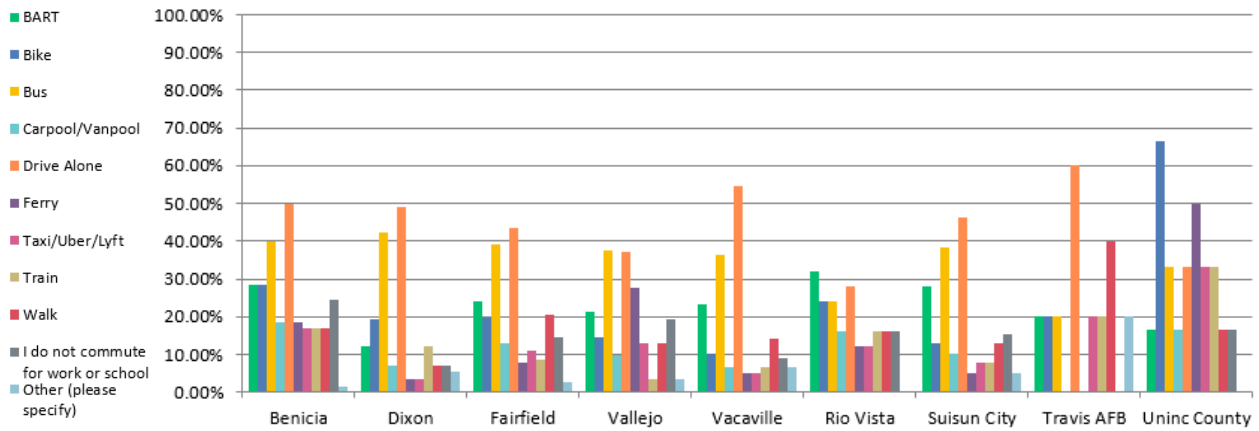
Included on the following pages are the specific responses to the survey, along with descriptions of key points related to each survey question and clear indications of trends and overall public perceptions revealed by participants' feedback. Responses are grouped by participants' communities, income levels, and race/ethnicities to more clearly show the needs and perceptions of Solano County's numerous and diverse populations, which indicate varied travel-related perceptions and needs that meaningfully correlate and differentiate in a variety of ways.

1. How do you primarily travel to/from work or school?

This question asks participants about their primary commute mode. Participants were asked to select all options that apply to them, meaning that some participants selected multiple options as a part of their response. Key takeaways from the compilation of all responses include:

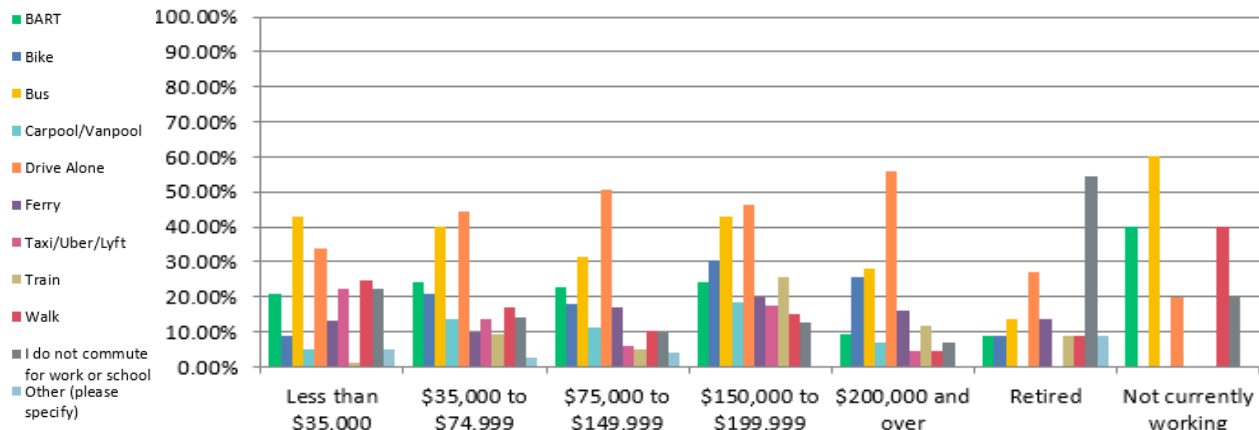
- While most participant groups report commuting by driving alone, lower income, Black/African American, and American Indian participants indicate the bus as their primary commute mode.
- Across the County, only participants of Vallejo and Rio Vista report higher rates of using transit than driving alone, with Vallejo participants using the bus and Rio Vista participants using BART.

RESPONSES BY COMMUNITY



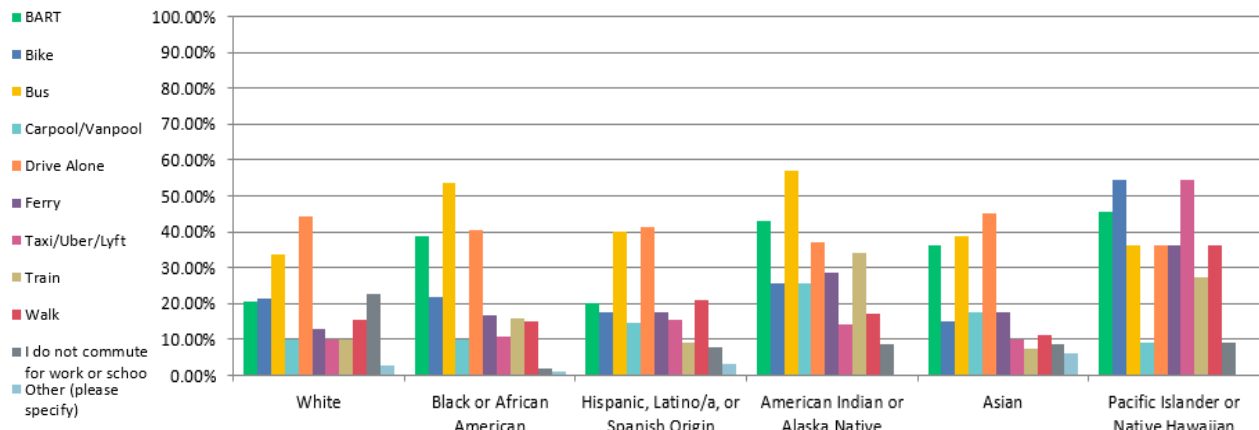
Top Responses:	Benicia	Dixon	Fairfield	Vallejo	Vacaville	Rio Vista	Suisun	Travis	Uninc.
	Drive Alone	Drive Alone	Drive Alone	Bus	Drive Alone	BART	Drive Alone	Drive Alone	Bike

RESPONSES BY INCOME LEVEL



Top Responses:	<\$35k	\$35k-75k	\$75k-150k	\$150k-200k	>\$200k	Retired	NotWorking
	Bus	Drive Alone	Drive Alone	Drive Alone	Drive Alone	Drive Alone	Bus

RESPONSES BY RACE/ETHNICITY



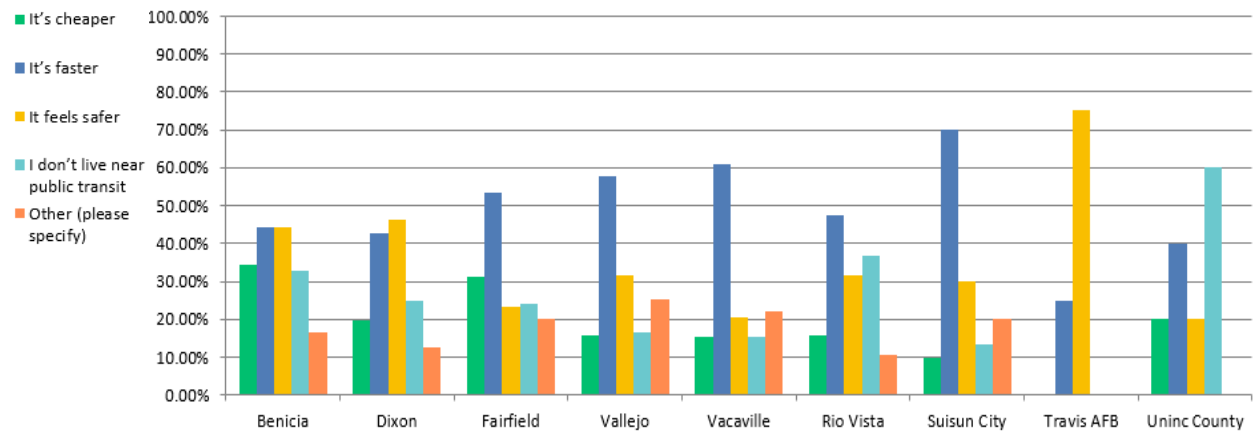
Top Responses:	White	Black/AfrAmer	Hisp/Latino	Amer Indian	Asian	Pac Islander
	Drive Alone	Bus	Drive Alone	Bus	Drive Alone	Bike/ Taxi-TNC

2. If you choose to commute by car, why do you choose to do so?

This question asks participants who commute by car about why they choose driving as their primary commute mode. Participants were asked to select all options that apply to them, meaning that some participants selected multiple options as a part of their response. Key takeaways from the compilation of all responses include:

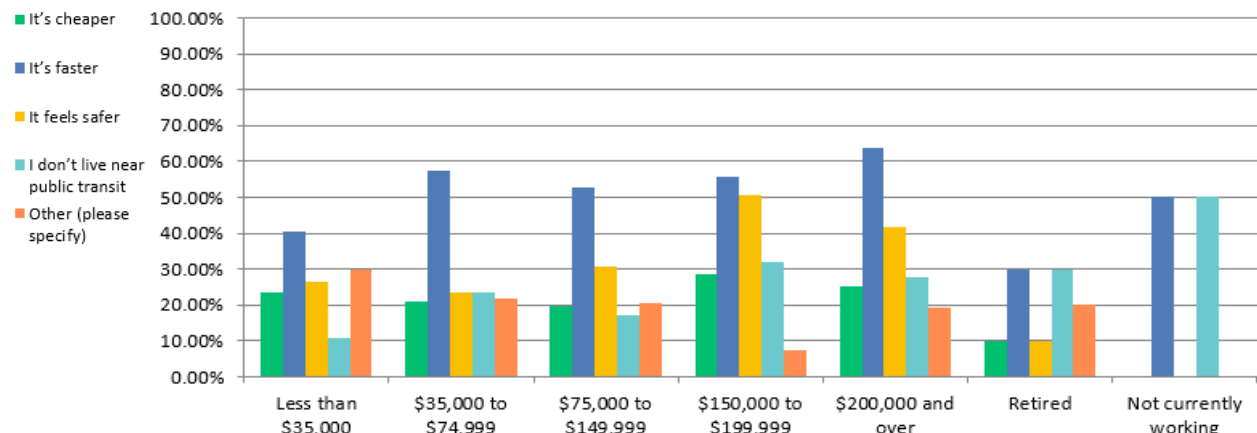
- The vast majority of participants report that they commute by car because it's faster.
- Several participant groups also report that they commute by car because they live far from transit, indicating a potential need for expanded transit service availability and coverage.

RESPONSES BY COMMUNITY



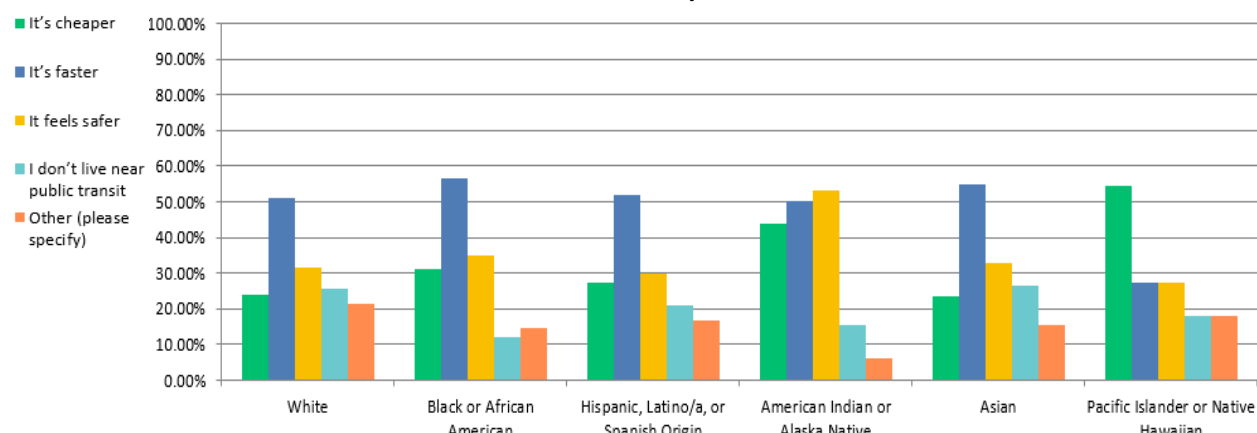
Top Responses:	Benicia	Dixon	Fairfield	Vallejo	Vacaville	Rio Vista	Suisun	Travis	Uninc.
	● Faster/Cheap	● Safer	● Faster	● Faster	● Faster	● Faster	● Faster	● Safer	● Far from Transit

RESPONSES BY INCOME LEVEL



Top Responses:	<\$35k	\$35k-75k	\$75k-150k	\$150k-200k	>\$200k	Retired	NotWorking
	● Faster	● Faster	● Faster	● Faster	● Faster	● Faster/Far from Transit	● Faster/Far from Transit

RESPONSES BY RACE/ETHNICITY



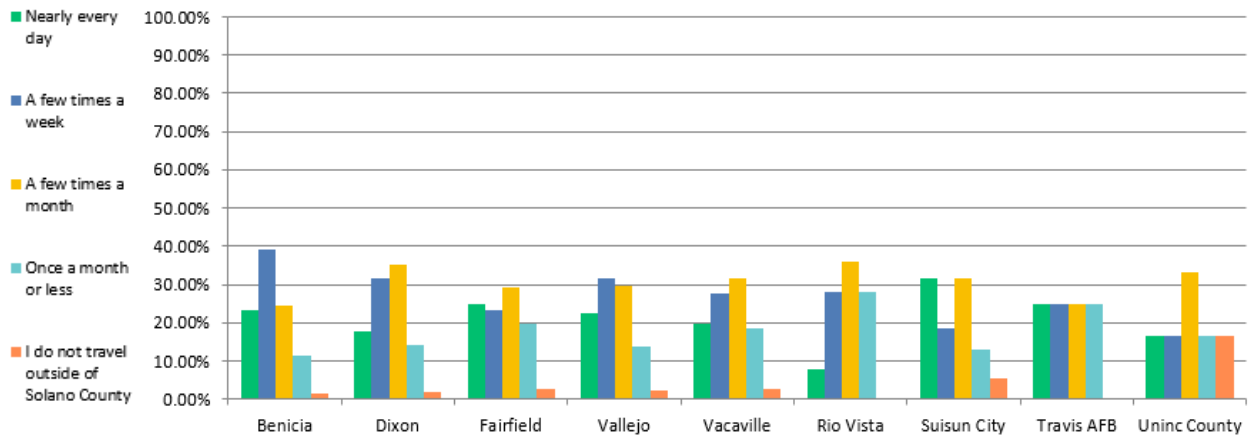
Top Responses:	White	Black/AfrAmer	Hisp/Latino	Amer Indian	Asian	Pac Islander
	● Faster	● Faster	● Faster	● Safer	● Faster	● Cheaper

3. How frequently do you travel outside of Solano County?

This question asks about participant travel patterns, specifically inquiring about the frequency of making trips that leave the County. Participants were asked to select only one optional response. Key takeaways from the compilation of all responses include:

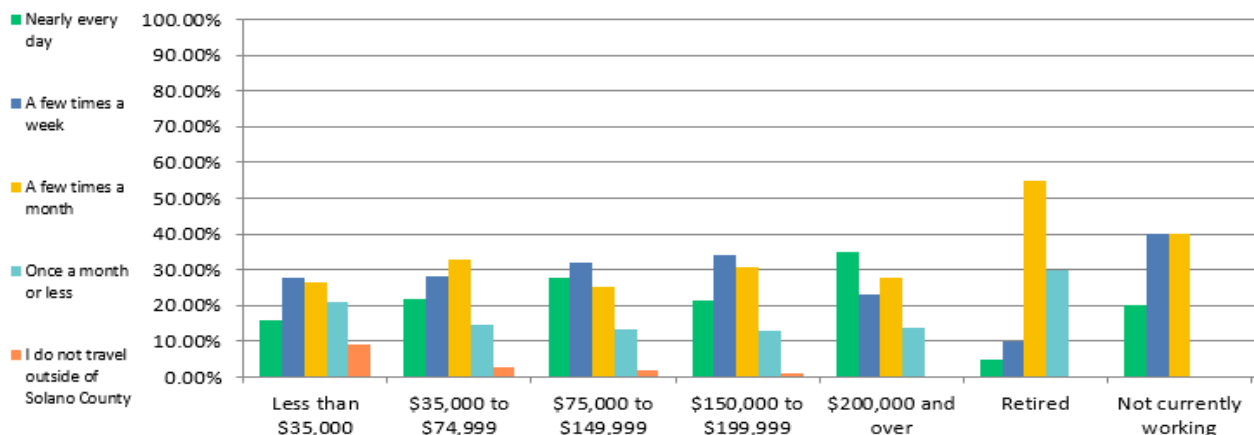
- Most participant groups reported traveling outside of Solano County either a few times per week or a few times per month.
- Higher rates of travel outside the County exist among upper-income participants and Suisun City/Fairfield participants, while lower income participants leave the County less frequently.

RESPONSES BY COMMUNITY



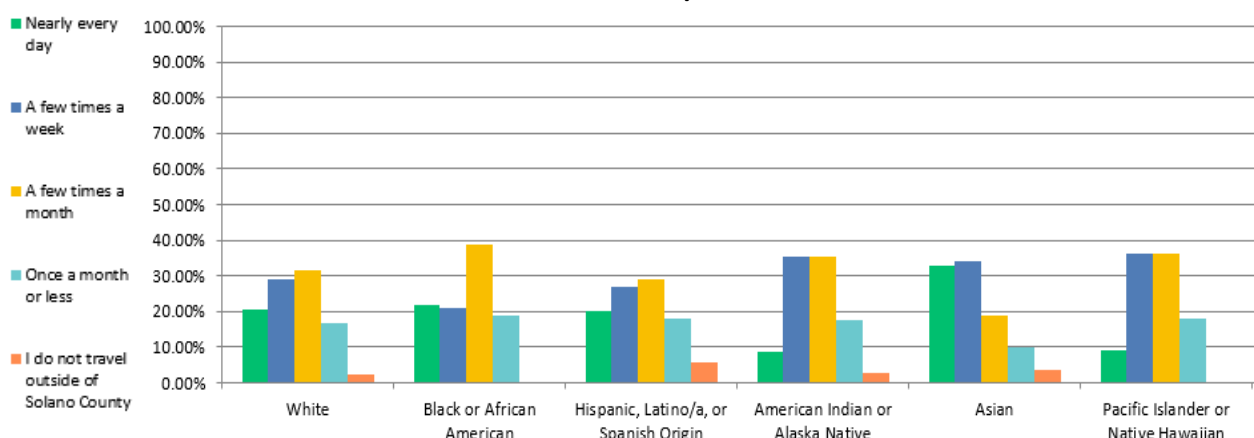
Top Responses:	Benicia	Dixon	Fairfield	Vallejo	Vacaville	Rio Vista	Suisun	Travis	Uninc.
	● >1 time per week	● >1 time per mo.	● >1 time per mo.	● >1 time per week	● >1 time per mo.	● >1 time per mo.	● Almost Daily	N/A	● >1 time per mo.

RESPONSES BY INCOME LEVEL



Top Responses:	<\$35k	\$35k-75k	\$75k-150k	\$150k-200k	>\$200k	Retired	NotWorking
	● >1 time per week	● >1 time per mo.	● >1 time per week	● >1 time per week	● Almost Daily	● >1 time per mo.	● >1 time per week/mo.

RESPONSES BY RACE/ETHNICITY



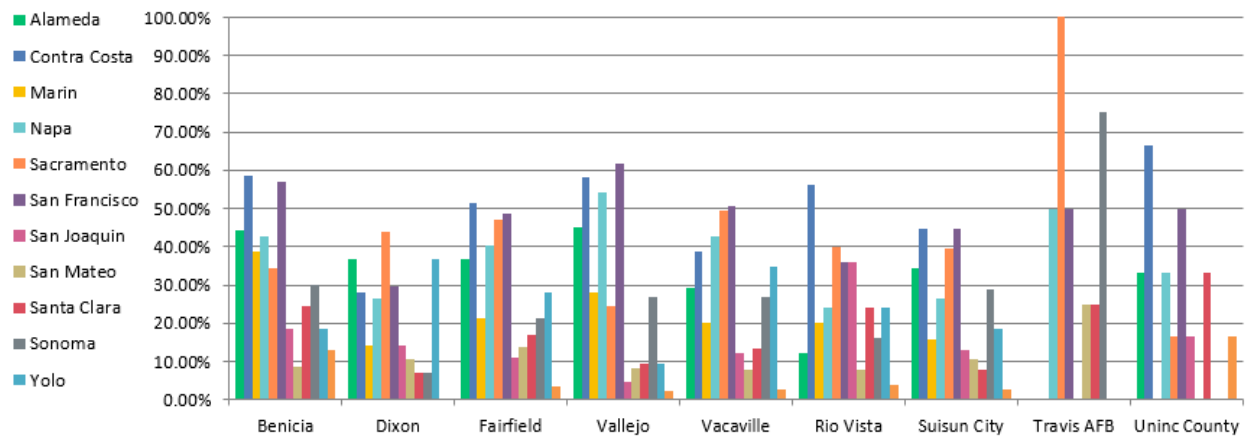
Top Responses:	White	Black/AfrAmer	Hisp/Latino	Amer Indian	Asian	Pac Islander
	● >1 time per mo.	● >1 time per mo.	● >1 time per mo.	● >1 time per week/mo.	● >1 time per week	● >1 time per week/mo.

4. What other counties do you travel to?

This question asks about participant travel patterns, specifically inquiring about trip destinations outside the County. Participants were asked to select all options that apply to them, meaning that some participants selected multiple options as a part of their response. Key takeaways include:

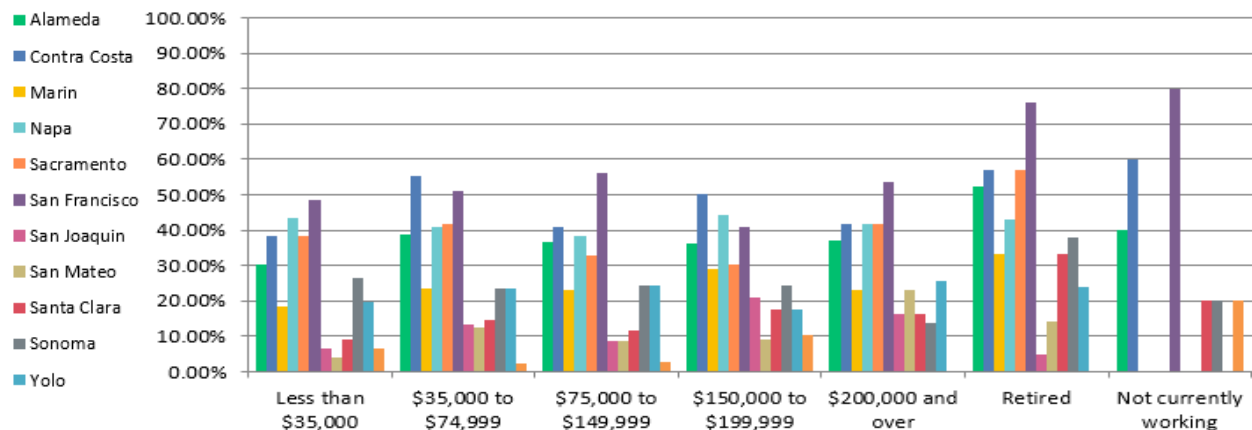
- Participants reported traveling to counties located close to their communities. For example, participants from Benicia and Rio Vista reported frequent travel to Contra Costa County, while participants from Dixon and Vacaville reported frequent travel to Sacramento County.
- Participants across all communities, incomes, and races reported frequent San Francisco travel.

RESPONSES BY COMMUNITY



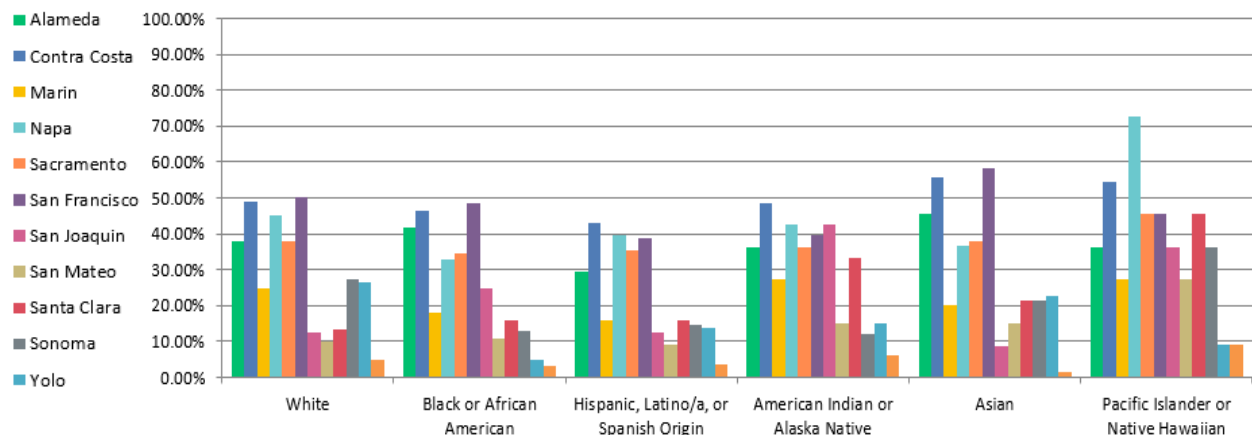
	Benicia	Dixon	Fairfield	Vallejo	Vacaville	Rio Vista	Suisun	Travis	Uninc.
Top Responses:	● Contra Costa	● Sacramento	● Contra Costa	● San Francisco	● San Francisco	● Contra Costa	● Contra Costa	● Sacramento	● Contra Costa

RESPONSES BY INCOME LEVEL



	<\$35k	\$35k-75k	\$75k-150k	\$150k-200k	>\$200k	Retired	NotWorking
Top Responses:	● San Francisco	● Contra Costa	● San Francisco	● Contra Costa	● San Francisco	● San Francisco	● San Francisco

RESPONSES BY RACE/ETHNICITY



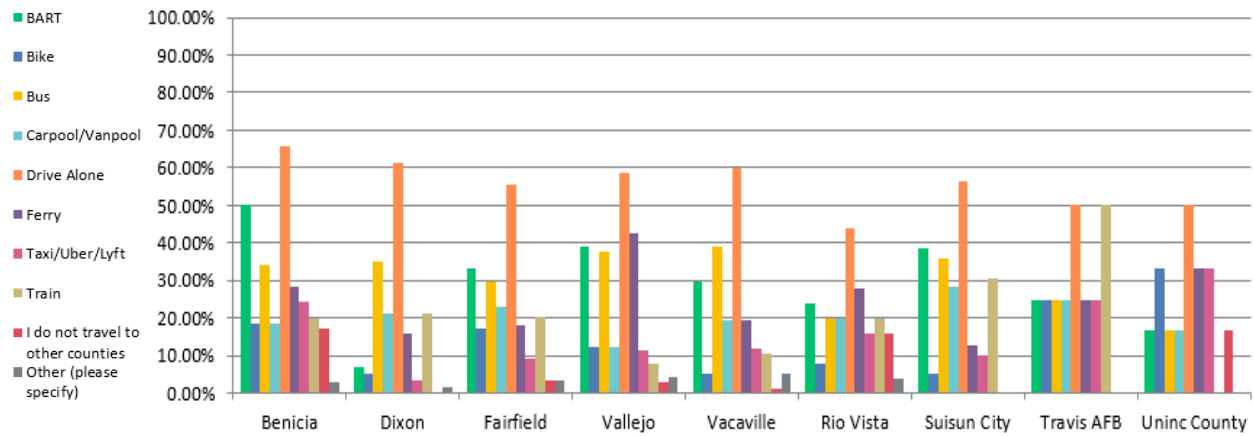
	White	Black/AfrAmer	Hisp/Latino	Amer Indian	Asian	Pac Islander
Top Responses:	● San Francisco	● San Francisco	● Contra Costa	● Contra Costa	● San Francisco	● Napa

5. How do you travel to counties outside of Solano County?

This question asks about participants' transportation mode choice for out-of-County trips. Participants were asked to select all options that apply to them, meaning that some participants selected multiple options as a part of their response. Key takeaways from the compilation of all responses include:

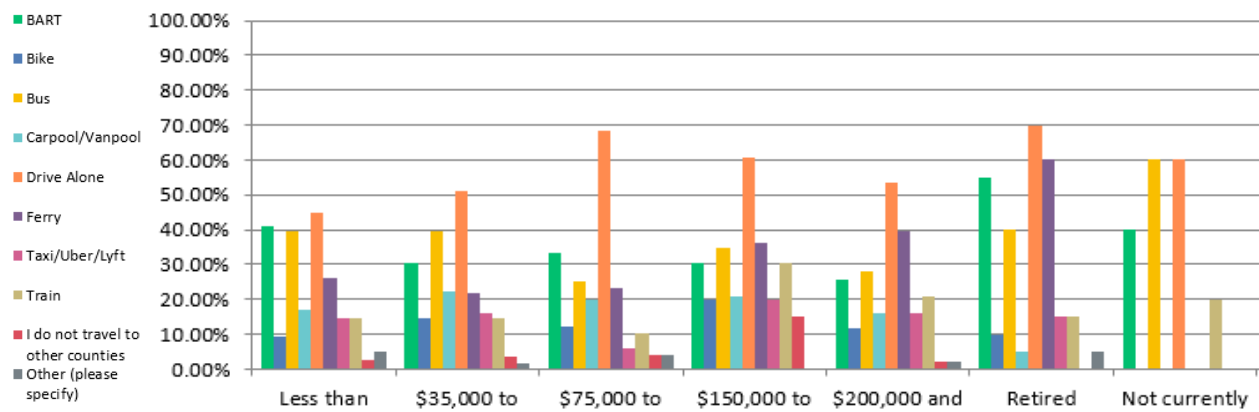
- The vast majority of participant groups reported that they most often make trips to other counties by driving alone.
- Higher rates of transit (BART and/or bus) use for intercounty trips were reported by Benicia, Fairfield, and Suisun City participants, as well as by lower income, Black, and Asian participants.

RESPONSES BY COMMUNITY



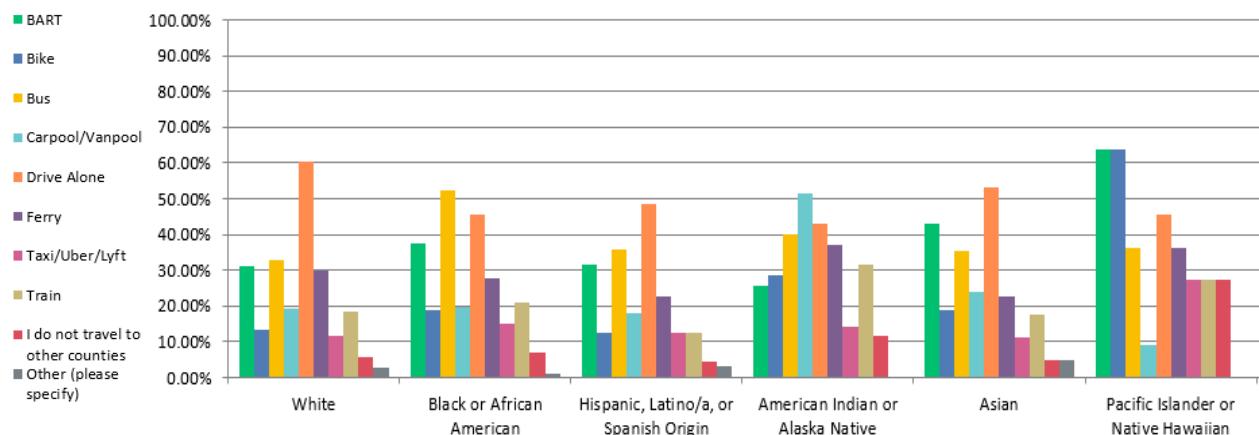
Top Responses:	Benicia	Dixon	Fairfield	Vallejo	Vacaville	Rio Vista	Suisun	Travis	Uninc.
	● Drive Alone	● Drive Alone	● Drive Alone	● Drive Alone	● Drive Alone	● Drive Alone	● Drive Alone	● Drive Alone	● Drive Alone

RESPONSES BY INCOME LEVEL



Top Responses:	<\$35k	\$35k-75k	\$75k-150k	\$150k-200k	>\$200k	Retired	NotWorking
	● Drive Alone	● Drive Alone	● Drive Alone	● Drive Alone	● Drive Alone	● Drive Alone	● Bus/Drive Alone

RESPONSES BY RACE/ETHNICITY



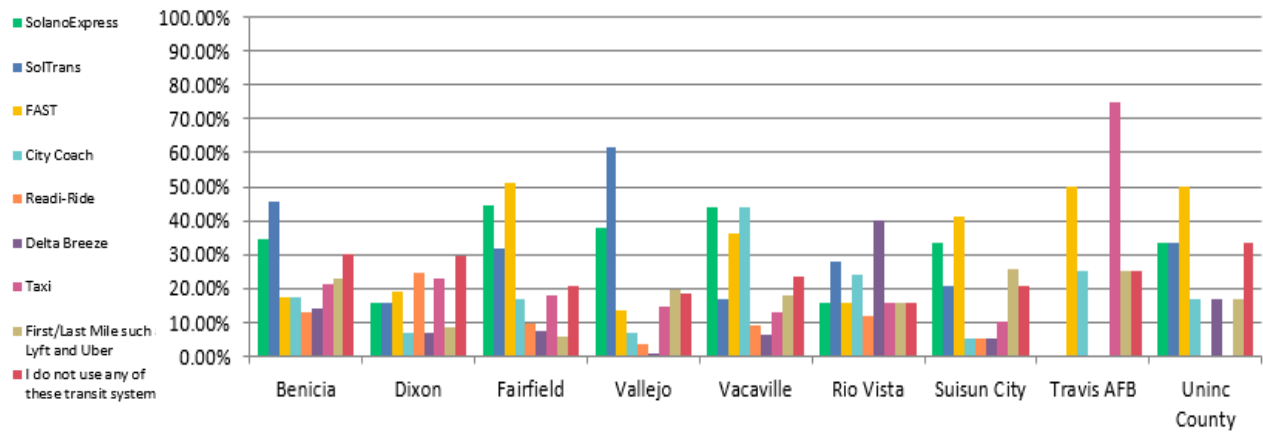
Top Responses:	White	Black/AfrAmer	Hisp/Latino	Amer Indian	Asian	Pac Islander
	● Drive Alone	● Bus	● Drive Alone	● Carpool/Vanpool	● Drive Alone	● BART/Bike

6. Which Solano County-based transit systems have you used?

This question asks about participants' use of Solano County-based transit agency or mobility services. Participants were asked to select all options that apply to them, meaning that some participants selected multiple options as a part of their response. Key takeaways from the compilation of all responses include:

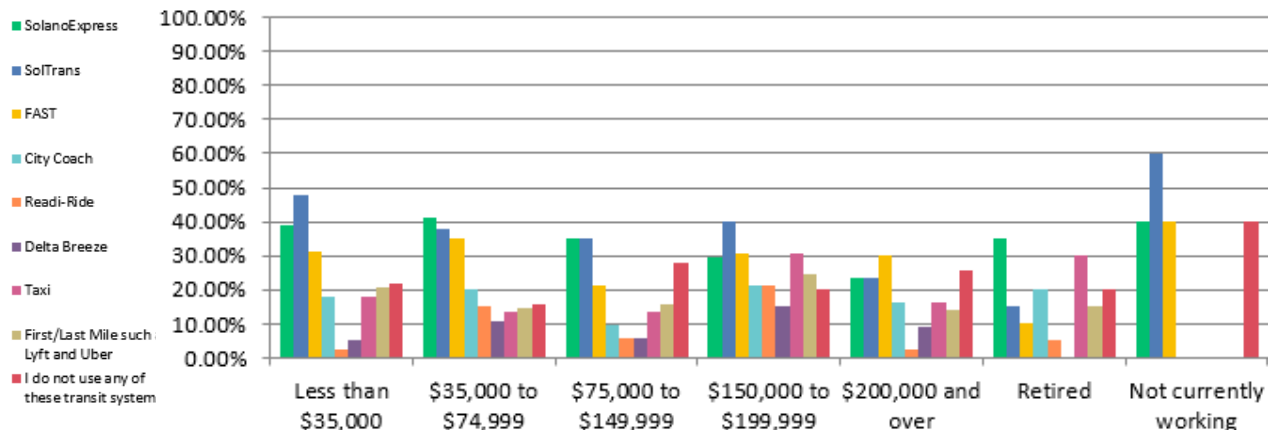
- Participants reported using a range of Solano County's **fixed-route** transit services, with participants of specific communities most likely to use the systems that focus service on those areas.
- SolanoExpress use rates were reported fairly consistently across all income levels and races.

RESPONSES BY COMMUNITY



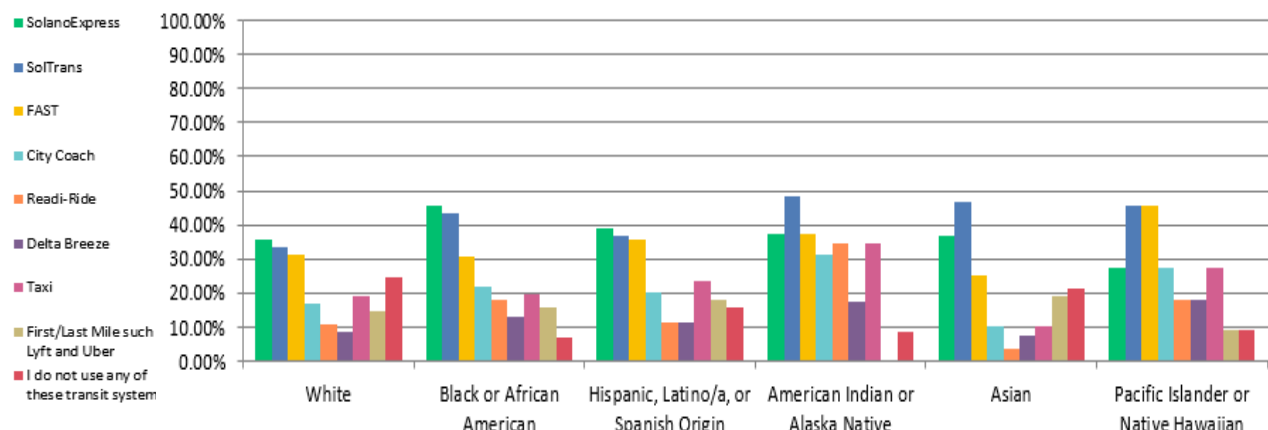
Community	Top Responses:
Benicia	Sol Trans
Dixon	Do Not Use
Fairfield	FAST
Vallejo	Sol Trans
Vacaville	Solano Express
Rio Vista	Delta Breeze
Suisun	FAST
Travis	Taxi
Uninc.	FAST

RESPONSES BY INCOME LEVEL



Income Level	Top Responses:
<\$35k	Sol Trans
\$35k-75k	Solano Express
\$75k-150k	Solano Express
\$150k-200k	Sol Trans
>\$200k	FAST
Retired	Solano Express
NotWorking	Sol Trans

RESPONSES BY RACE/ETHNICITY



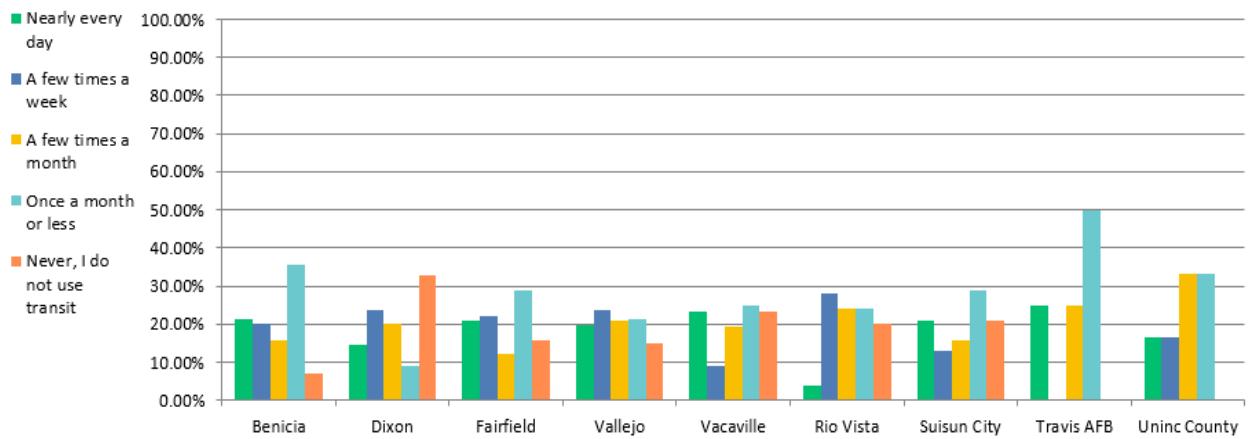
Race/Ethnicity	Top Responses:
White	Solano Express
Black/AfrAmer	Solano Express
Hisp/Latino	Solano Express
Amer Indian	Sol Trans
Asian	Sol Trans
Pac Islander	Sol Trans

7. How often do you use transit?

This question asks about the frequency of participants' use of transit. Participants were asked to select only one optional response. Key takeaways from the compilation of all responses include:

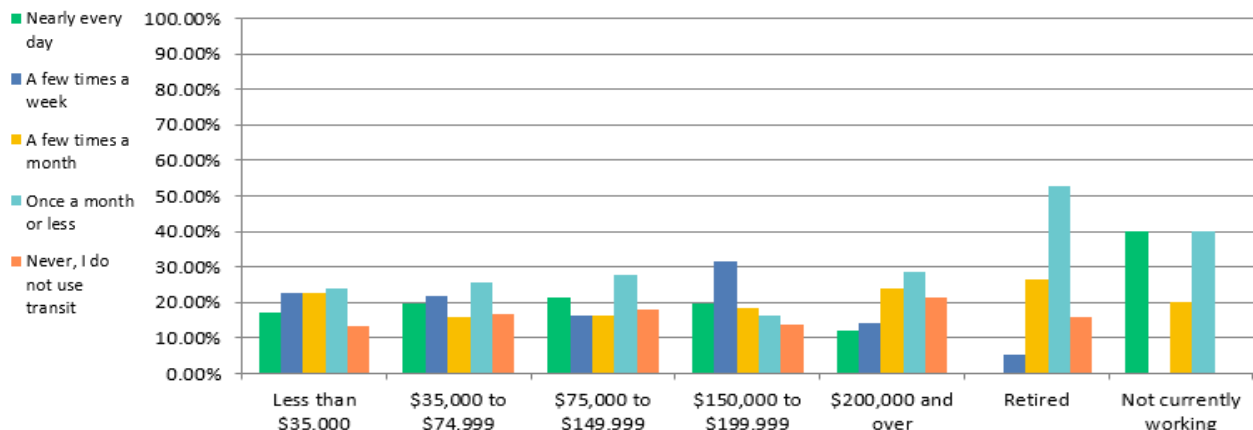
- While many participants reported using transit once per month or less, a substantial number of participants also reported using transit regularly.
- The lowest rates of transit use were reported by participants who are either upper income, White, or living in the eastern portion of the County (Dixon, Vacaville, etc.).
- Higher transit use rates were reported by lower income and minority participants.

RESPONSES BY COMMUNITY



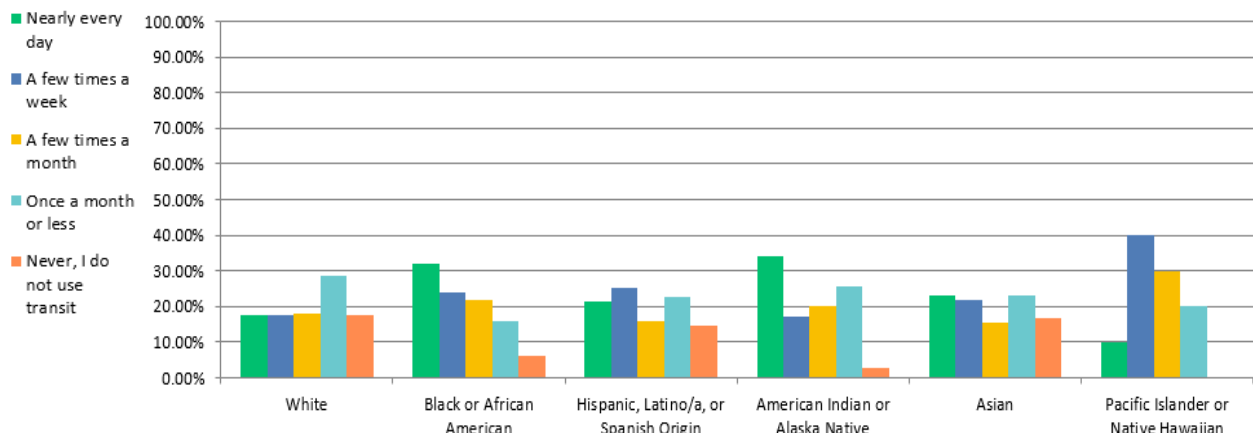
Top Responses:	Benicia	Dixon	Fairfield	Vallejo	Vacaville	Rio Vista	Suisun	Travis	Uninc.
	Monthly or Less	Never	Monthly or Less	>1 time per week	Monthly or Less	>1 time per week	Monthly or Less	Monthly or Less	Monthly or Less

RESPONSES BY INCOME LEVEL



Top Responses:	<\$35k	\$35k-75k	\$75k-150k	\$150k-200k	>\$200k	Retired	NotWorking
	Monthly or Less	Monthly or Less	Monthly or Less	>1 time per week	Monthly or Less	Monthly or Less	Monthly or Less

RESPONSES BY RACE/ETHNICITY



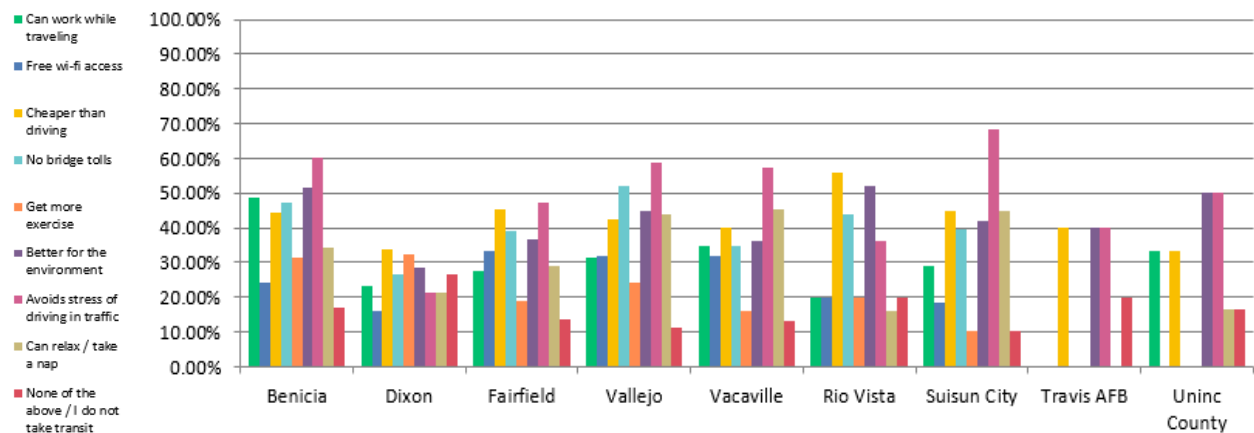
Top Responses:	White	Black/AfrAmer	Hisp/Latino	Amer Indian	Asian	Pac Islander
	Monthly or Less	Almost Daily	Drive Alone	Almost Daily	Almost Daily	>1 time per week

8. Which features do you like about taking transit?

This question asks participants to identify what they like about using transit as a transportation mode choice. Participants were asked to select all options that apply to them, meaning that some participants selected multiple options as a part of their response. Key takeaways from the compilation of all responses include:

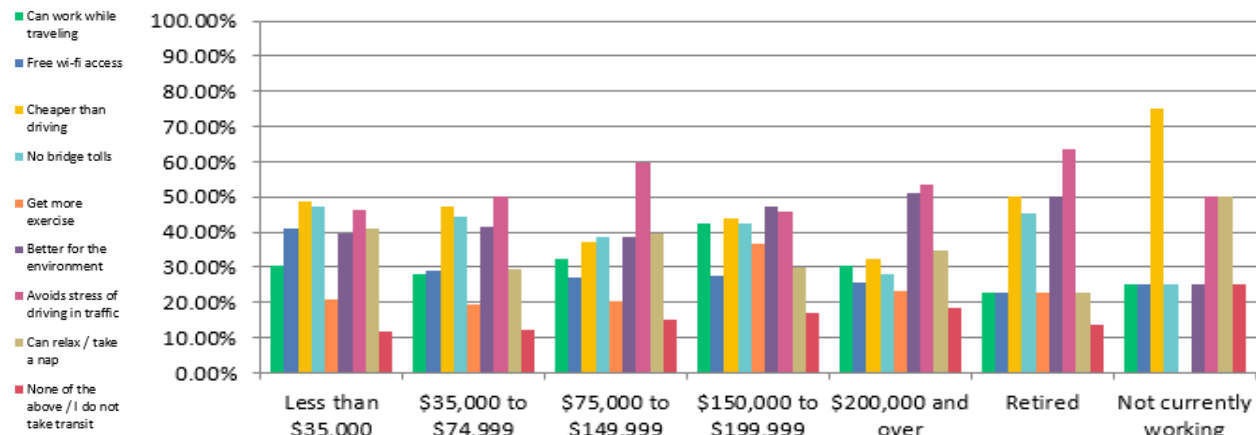
- Avoiding the stress of driving in traffic is reported as either the most or one of the most likable features of transit across all participant groups.
- Participants who are low income and/or from outlying communities value low transit cost.

RESPONSES BY COMMUNITY



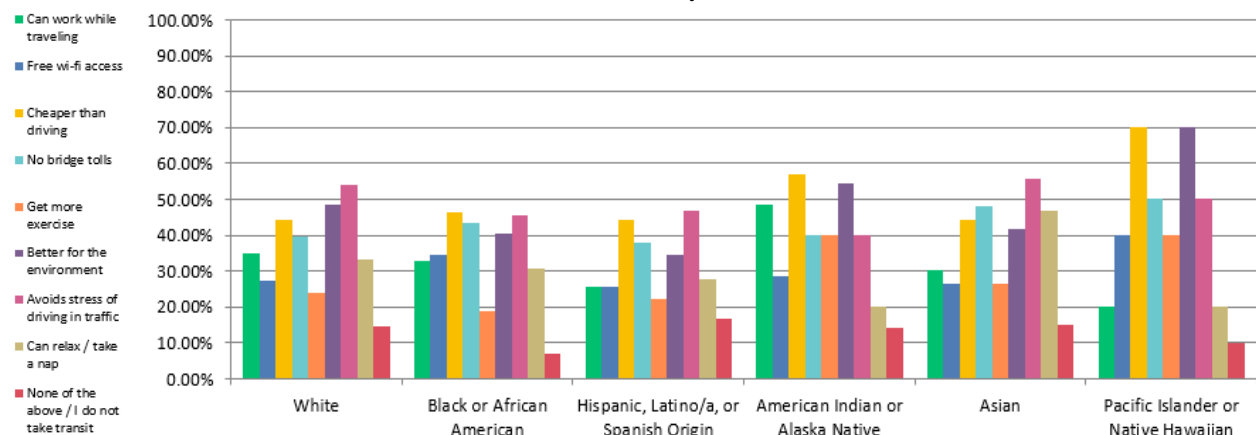
	Benicia	Dixon	Fairfield	Vallejo	Vacaville	Rio Vista	Suisun	Travis	Uninc.
Top Responses:	Less Stress	Cheaper	Less Stress	Less Stress	Less Stress	Cheaper	Less Stress	N/A	Greener/ Less Stress

RESPONSES BY INCOME LEVEL



	<\$35k	\$35k-75k	\$75k-150k	\$150k-200k	>\$200k	Retired	NotWorking
Top Responses:	Cheaper	Less Stress	Less Stress	Greener	Less Stress	Less Stress	Cheaper

RESPONSES BY RACE/ETHNICITY



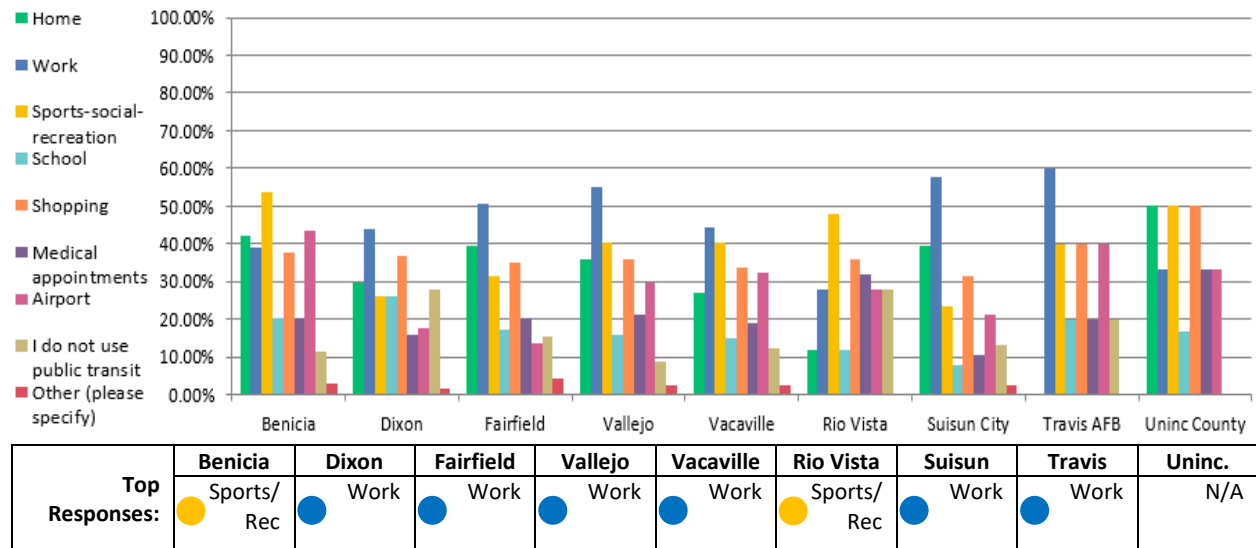
	White	Black/AfrAmer	Hisp/Latino	Amer Indian	Asian	Pac Islander
Top Responses:	Less Stress	Cheaper	Less Stress	Cheaper	Less Stress	Cheaper/ Greener

9. If you've taken transit, what locations do you primarily travel to?

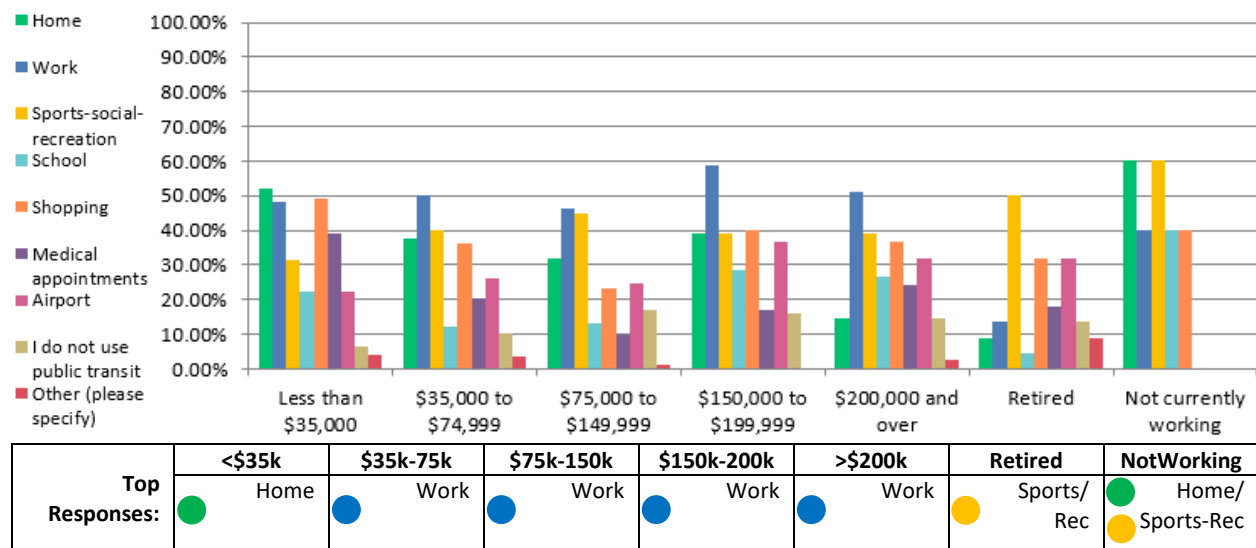
This question asks about participant travel patterns, specifically inquiring about where participants go when they use transit. Participants were asked to select all options that apply to them, meaning that some participants selected multiple options as a part of their response. Key takeaways from the compilation of all responses include:

- All participant groups reported high rates of using transit for getting to work and accessing sports/social/recreational destinations, with shopping and airport trips also well-represented.
- Moderate-to-low transit use rates for school trips were indicated across all participant groups.

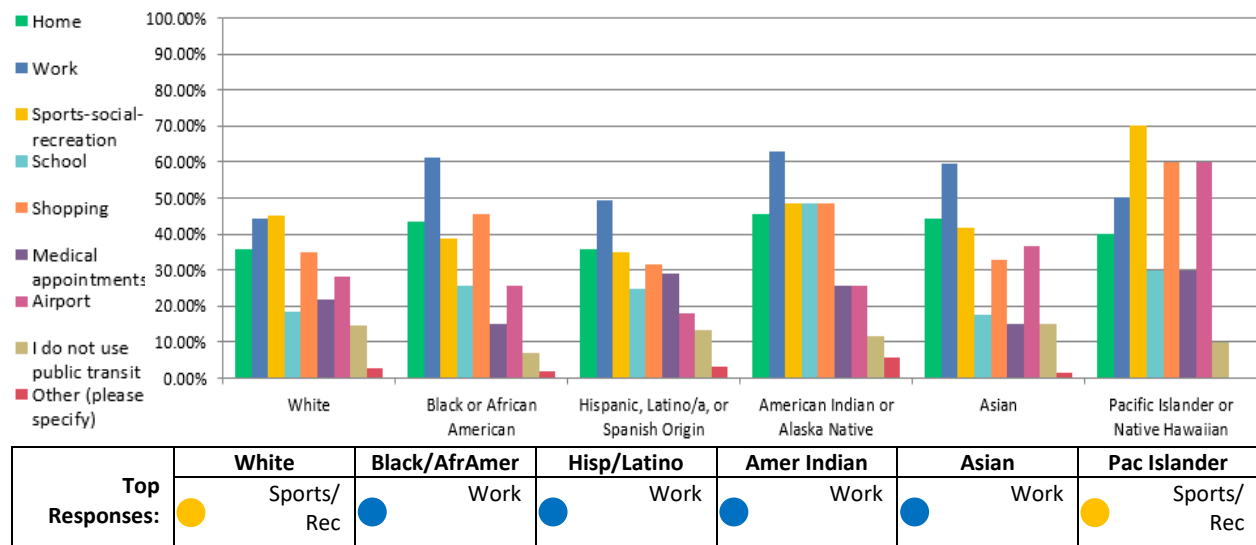
RESPONSES BY COMMUNITY



RESPONSES BY INCOME LEVEL



RESPONSES BY RACE/ETHNICITY



10. What would encourage you to drive less often?

This question asks about factors that would persuade participants to select a transportation mode choice other than driving. Participants were asked to select all options that apply to them, meaning that some participants selected multiple options as a part of their response. Key takeaways include:

- Participants reported a wide range of factors that would encourage them to drive less, with improved transit frequency, coverage, access, and service span indicated most significantly.
- Transit improvements were reported as being far more important than upgrades to other mobility programs.

