



# Ventura County Comprehensive Transportation Plan

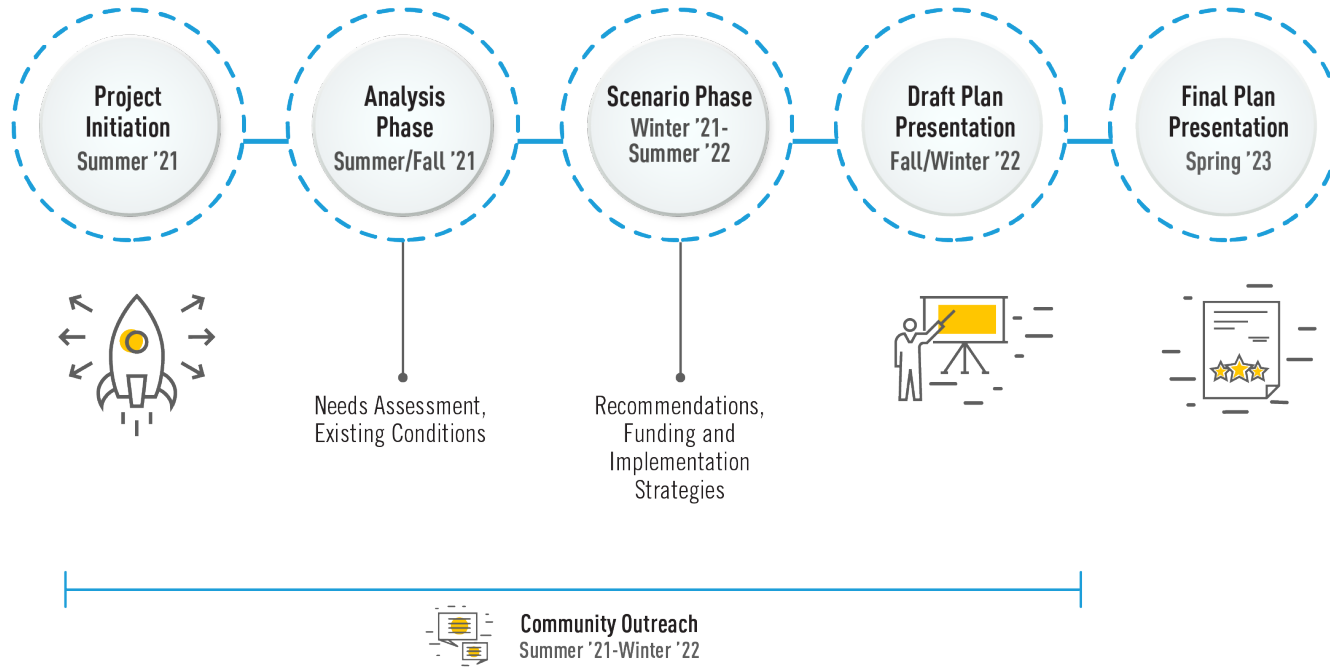


## Ventura County Transportation Commission Meeting February 3, 2023

Responsible Staff: Amanda Fagan, Director of Planning & Sustainability  
Caitlin Brooks, Program Manager- Transportation Planning



## Project Timeline



## CTP GOALS

Balance Transportation and Land Use

Reduce Emissions and Improve Sustainability

Foster Economic Prosperity

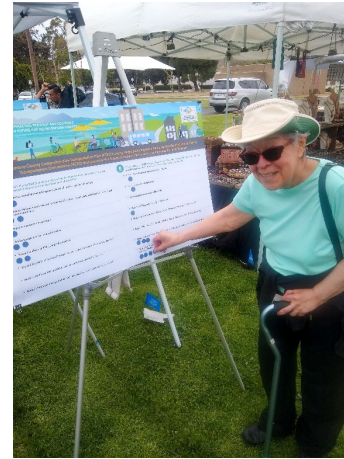
Improve Multimodal Mobility Choice & Access to Destinations

Enhance Transportation Safety to Eliminate Deaths and Serious Injuries



# ENGAGEMENT EFFORTS

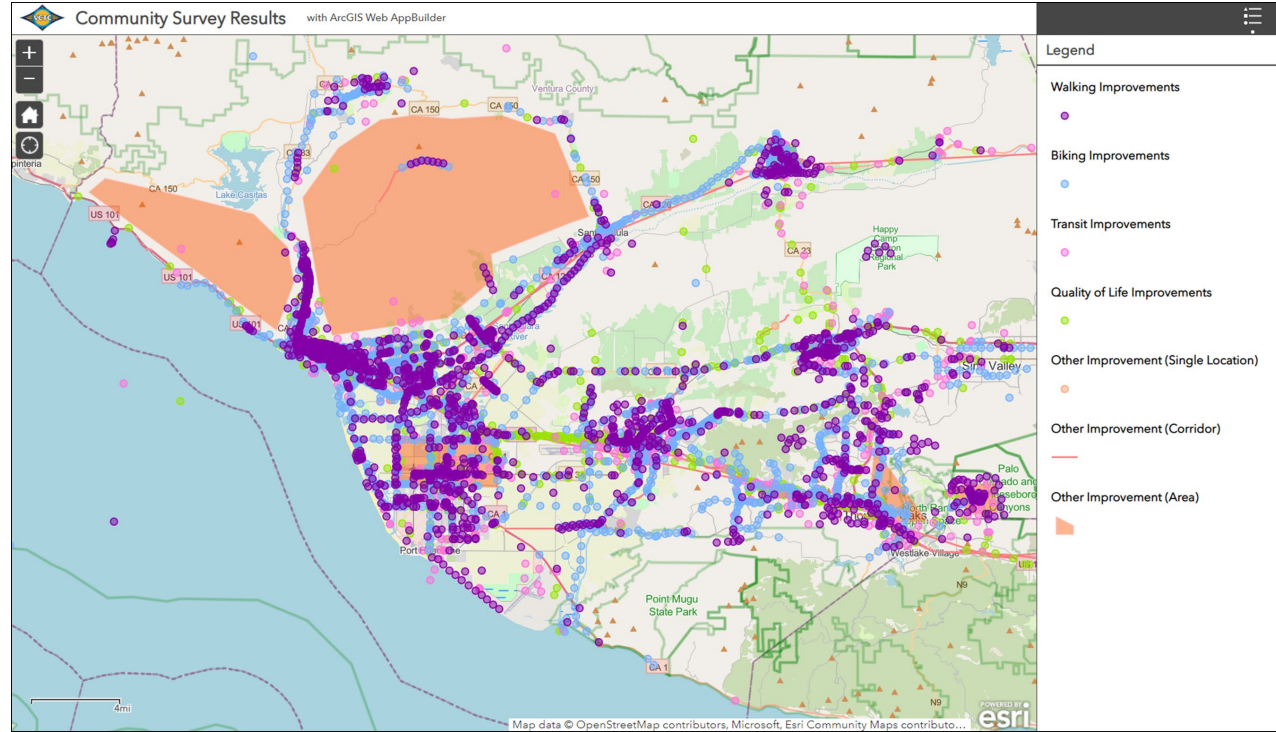
- Interagency outreach throughout region
- 6 different countywide topic-focused advisory committees
- 2 rounds of bilingual surveys
- Community walk audit
- 13 in-person pop-up events
- Digital foyer & website
- Social media & e-newsletters
- Virtual community workshop
- Draft Plan promotion





# KEY THEMES FROM COMMUNITY ENGAGEMENT

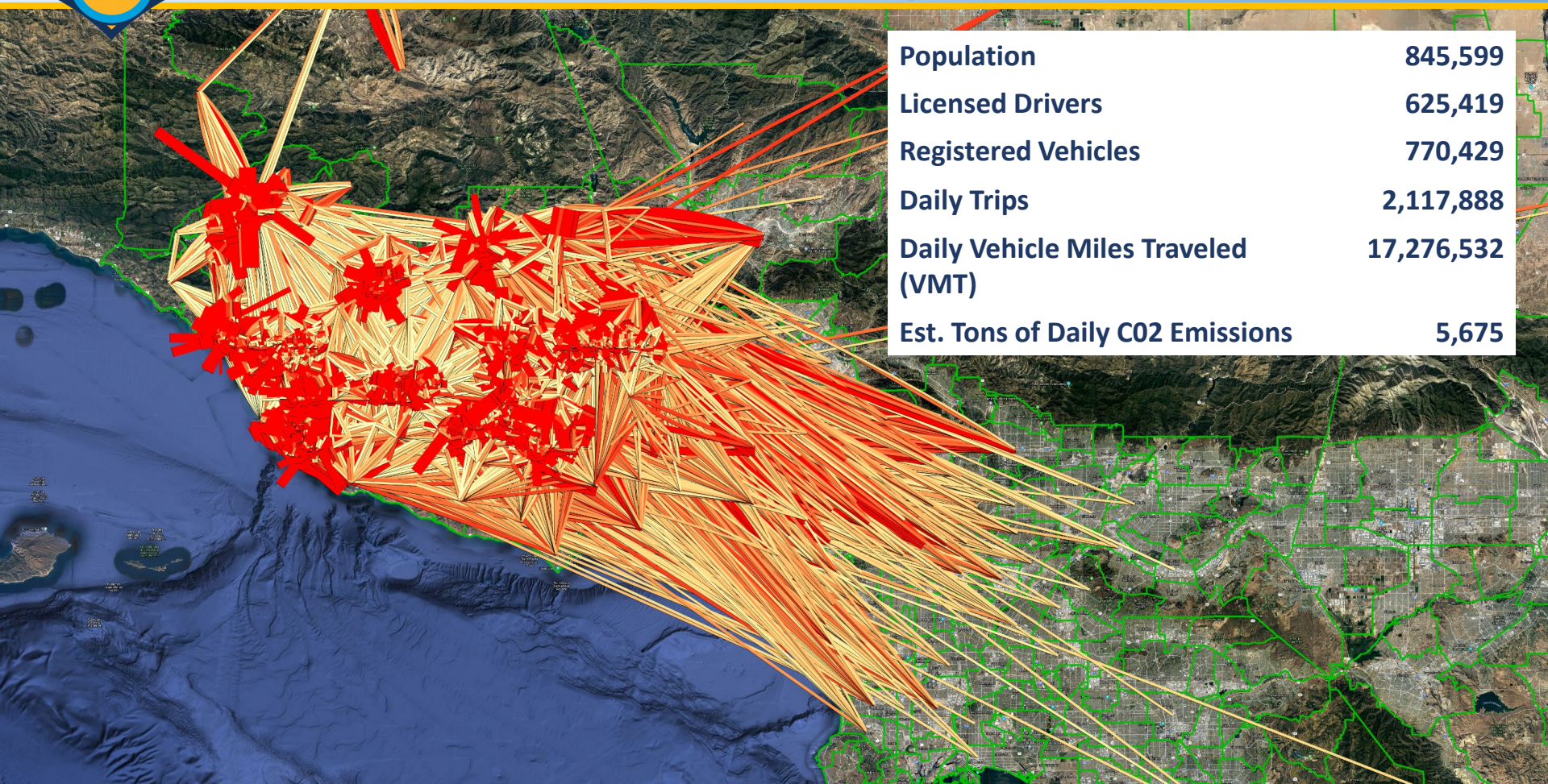
- Improve and expand walking and bicycling infrastructure
- Expand access to transit services
- Improve access to different modes of transportation
- Identify strategies and programs to reduce emissions
- Coordinate land use and transportation planning efforts





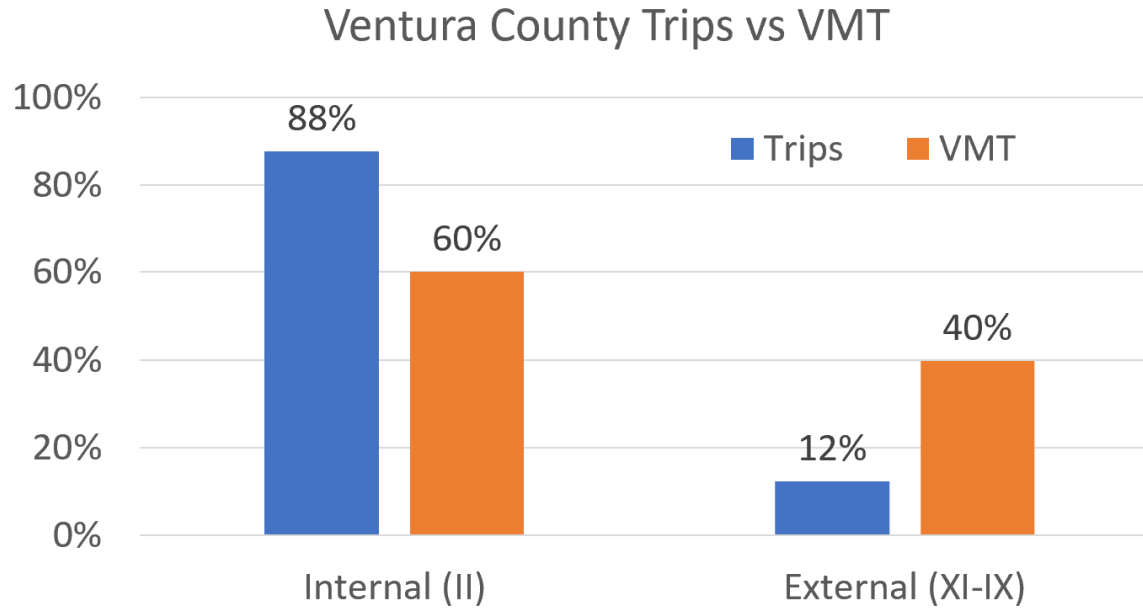


# Ventura County



Population	845,599
Licensed Drivers	625,419
Registered Vehicles	770,429
Daily Trips	2,117,888
Daily Vehicle Miles Traveled (VMT)	17,276,532
Est. Tons of Daily CO2 Emissions	5,675

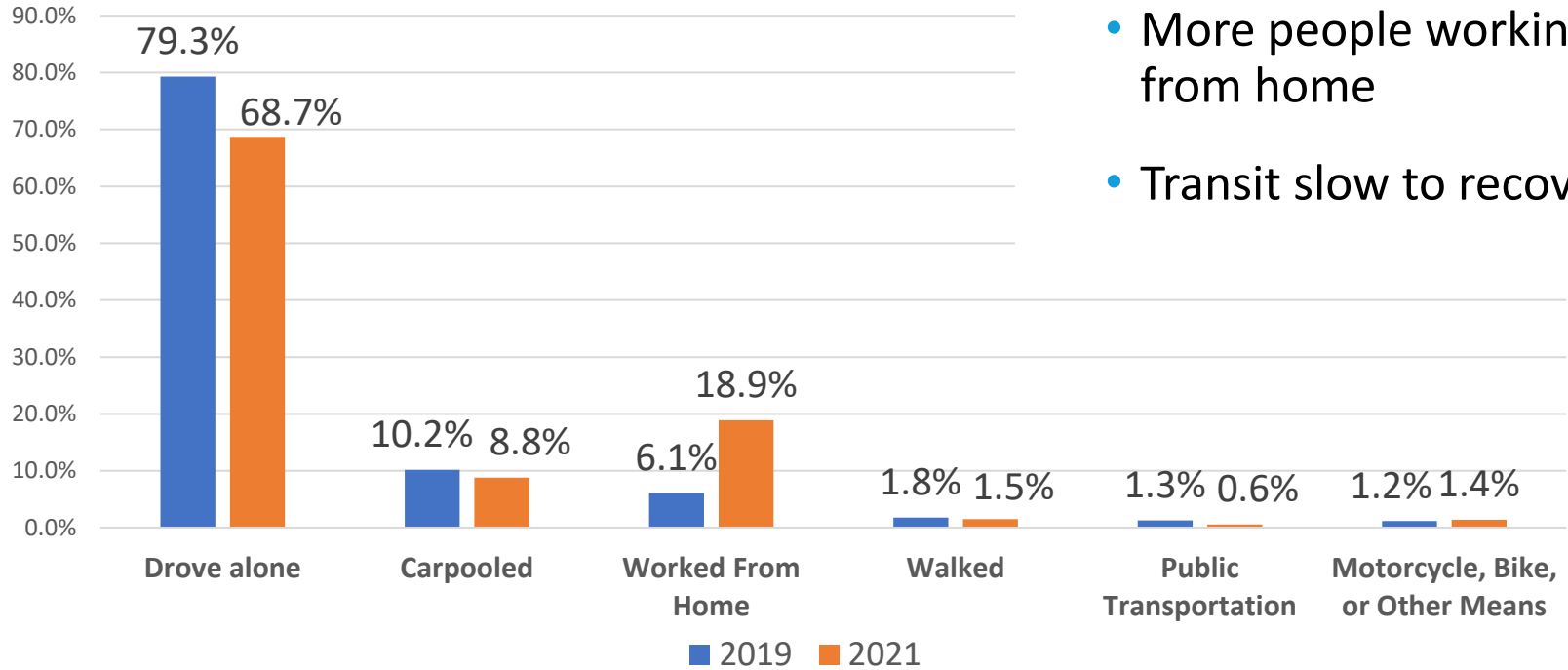
# VENTURA COUNTY INTERNAL/EXTERNAL TRIPS & VMT



- External trips (12% of daily trips) generate high proportion of VMT (40% of daily VMT) in the county



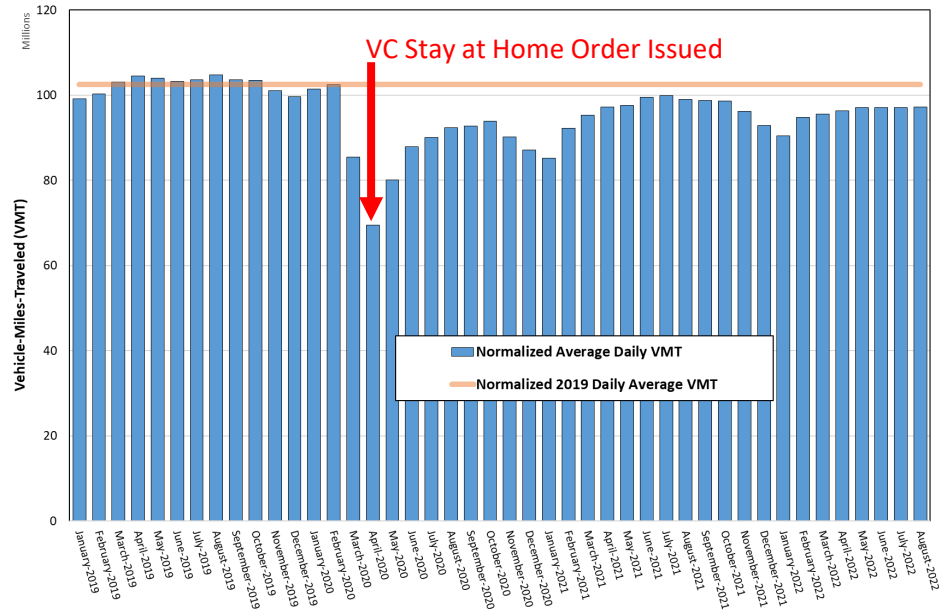
# VENTURA COUNTY COMMUTERS



- More people working from home
- Transit slow to recover

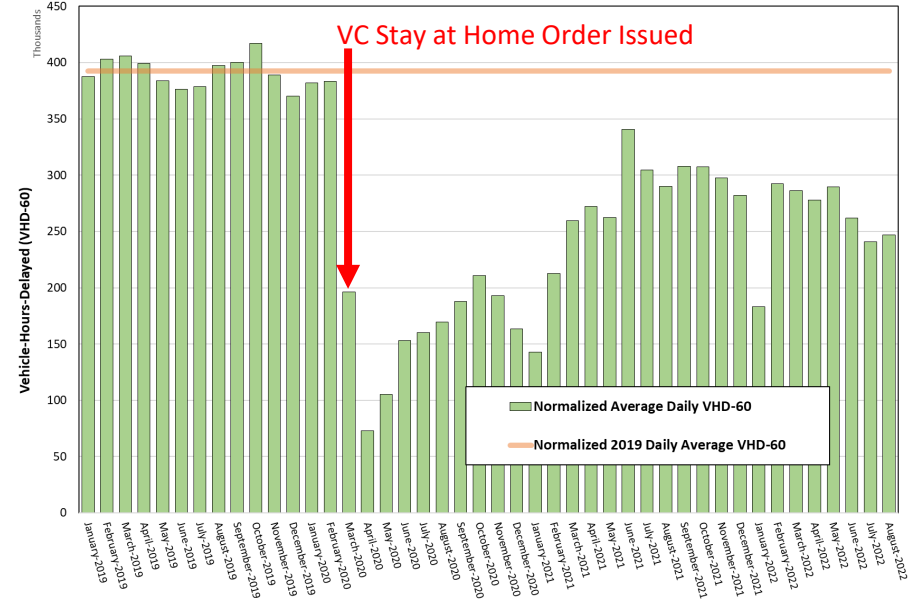
# PRE & POST PANDEMIC VMT AND VHD

Caltrans District 7, Average Daily Freeway VMT by Month



- VMT has rebounded to pre-pandemic levels

Caltrans District 7, Average Daily Freeway VHD-60 by Month



- Vehicle delay (congestion) has not

# POPULATION PROJECTIONS: VENTURA COUNTY & THE SCAG REGION

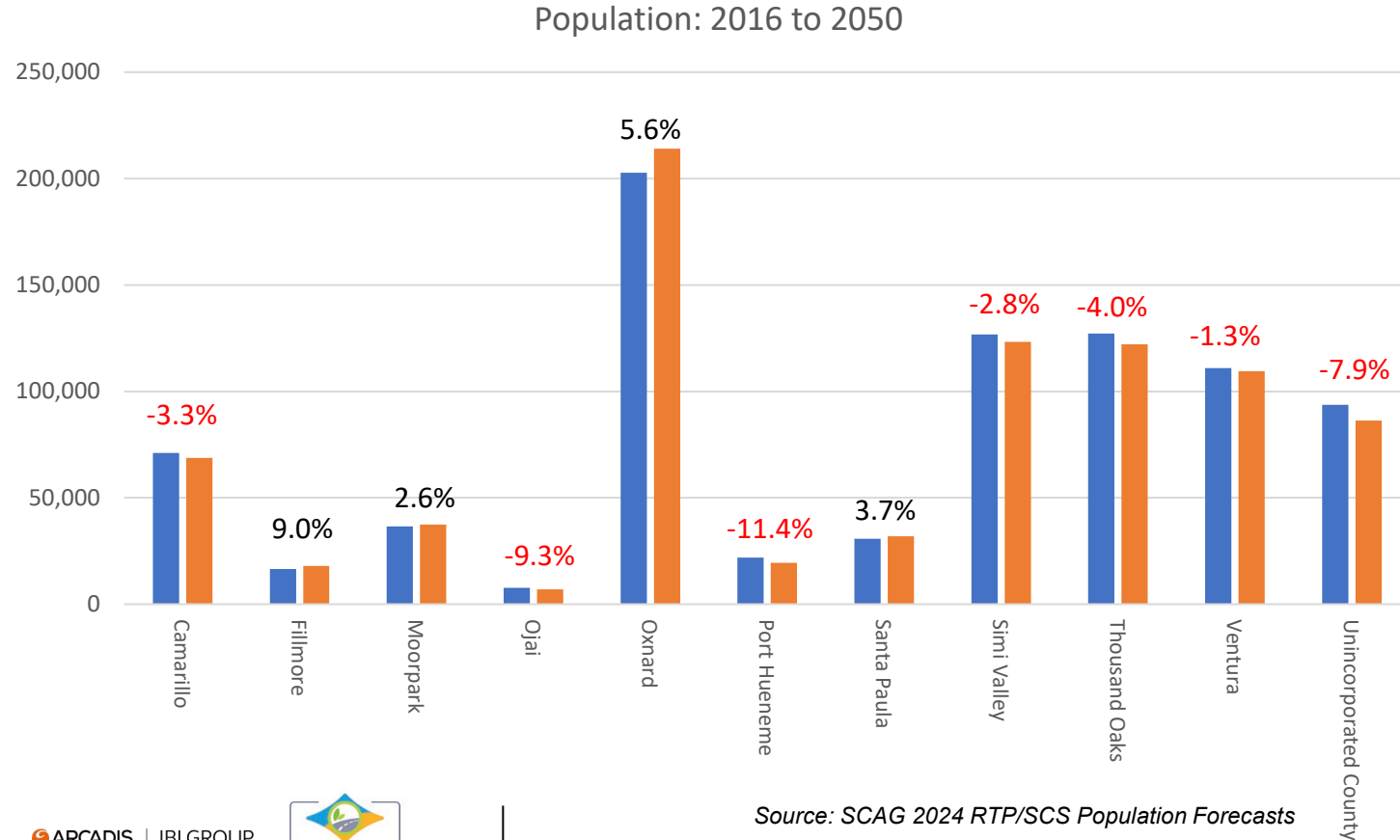
Total Population				
	2019	2050	Delta	Percent
Ventura County	846,000	838,000	(8,000)	(1%)
SCAG Region	18,832,000	20,551,000	1,719,000	9%

Total Households				
	2019	2050	Delta	Percent
Ventura County	277,000	313,000	36,000	13%
SCAG Region	6,192,000	7,652,000	1,460,000	26%

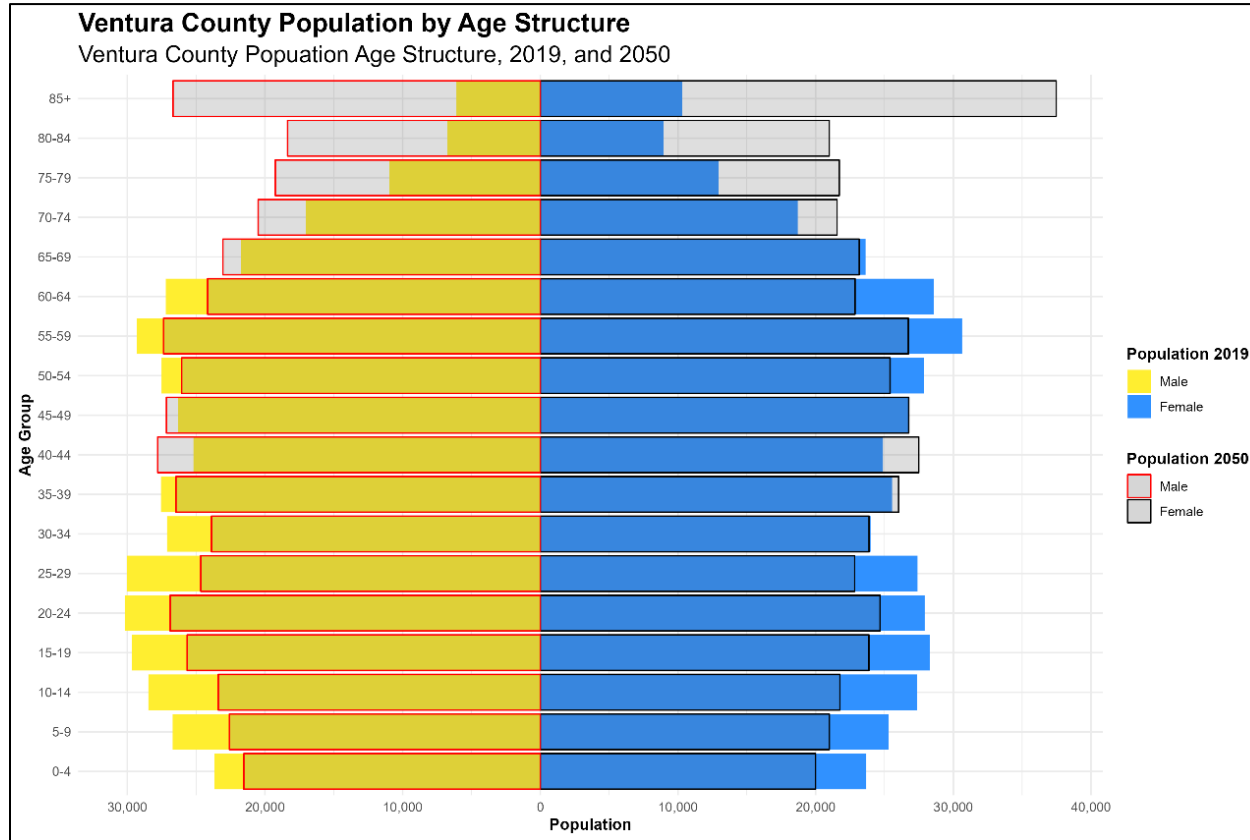
Total Employment				
	2019	2050	Delta	Percent
Ventura County	366,000	367,000	2,000	0.4%
SCAG Region	8,986,000	10,170,000	1,184,000	13%



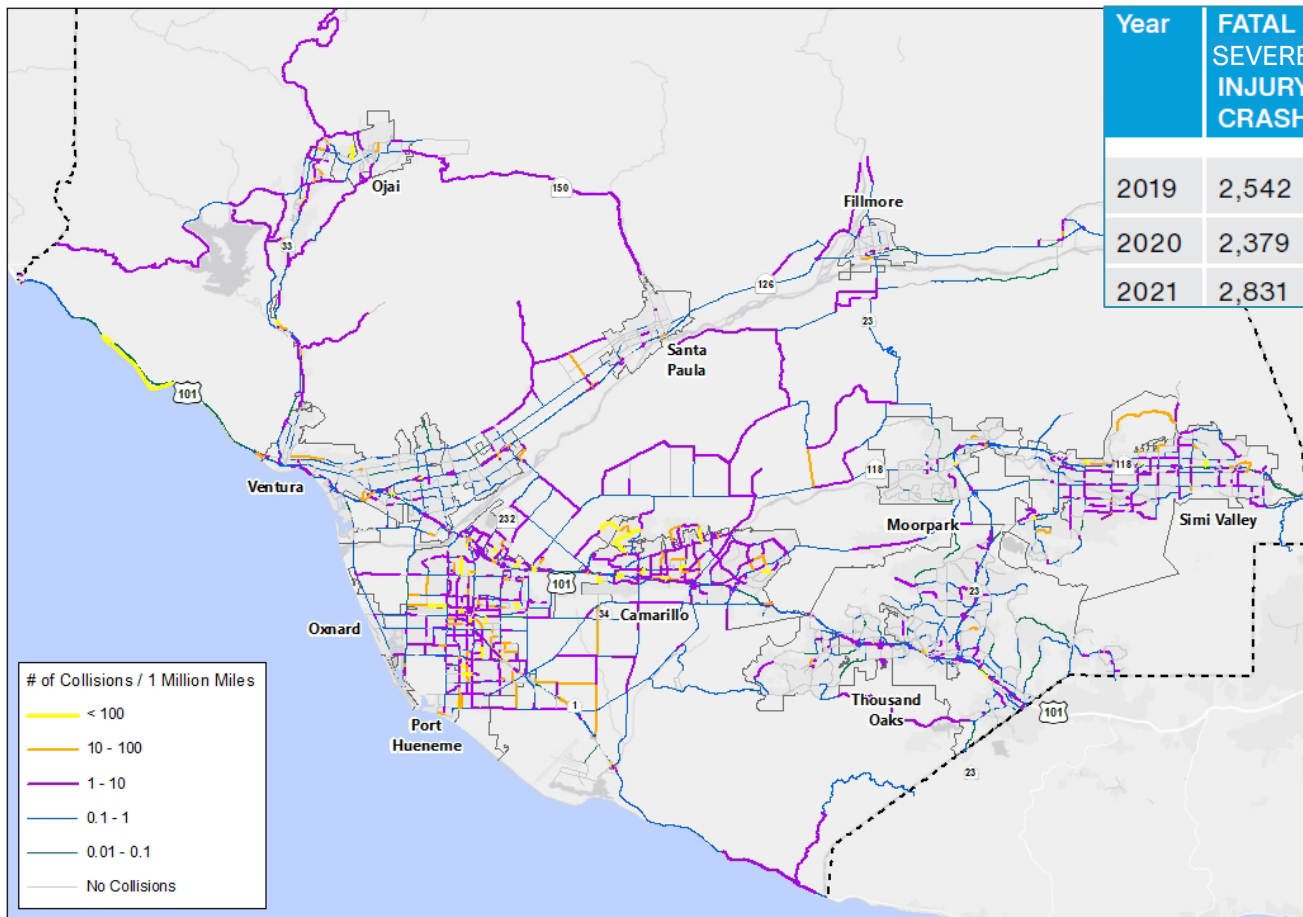
# VENTURA COUNTY POPULATION PROJECTIONS: BY CITY



# VENTURA COUNTY POPULATION PROJECTIONS



# VENTURA COUNTY CHALLENGES: SAFETY



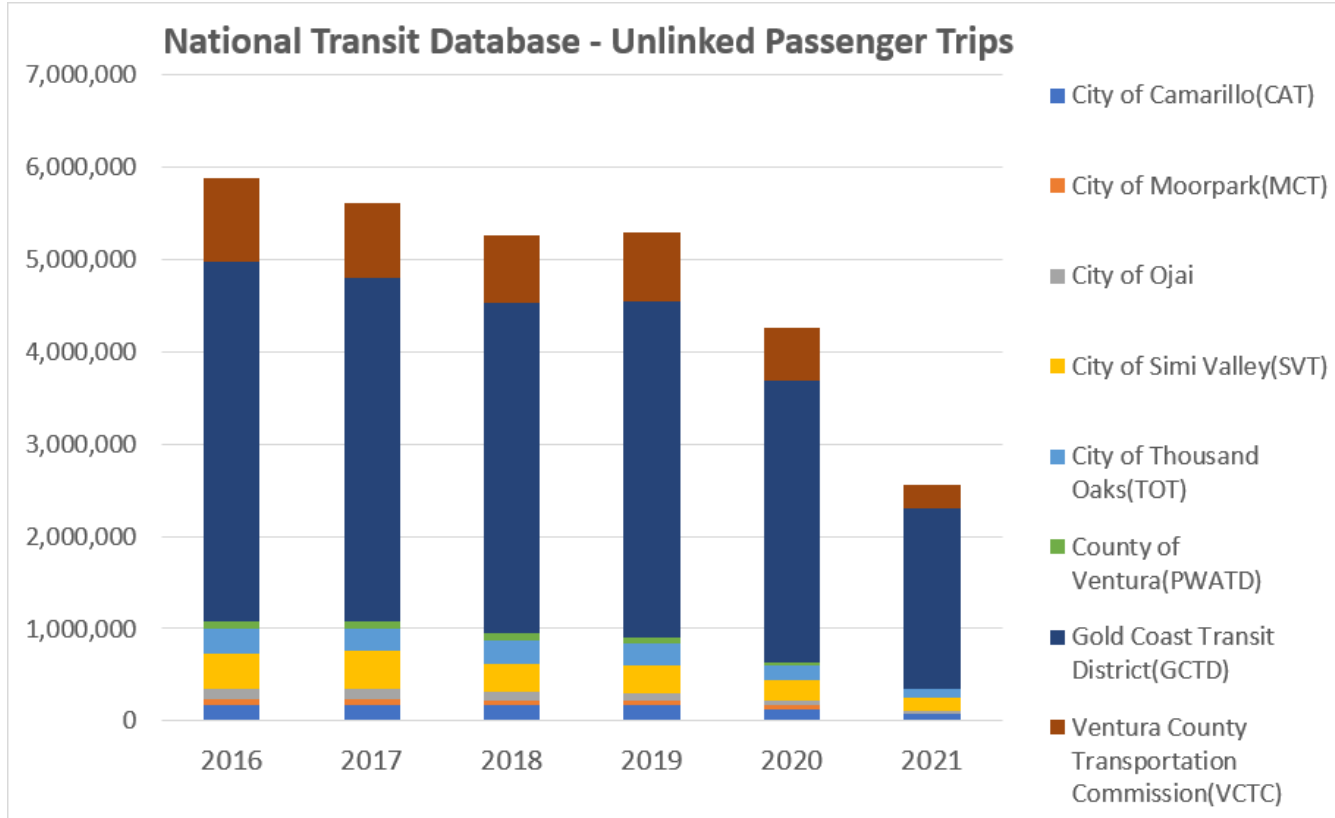
Year	FATAL & SEVERE INJURY CRASHES	VMT (100 MILLION)	FATAL & SEVERE CRASHES PER 100 MILLION VMT
2019	2,542	719.03	3.5
2020	2,379	625.88	3.8
2021	2,831	685.18	4.1

\* On pg 159 of CTP

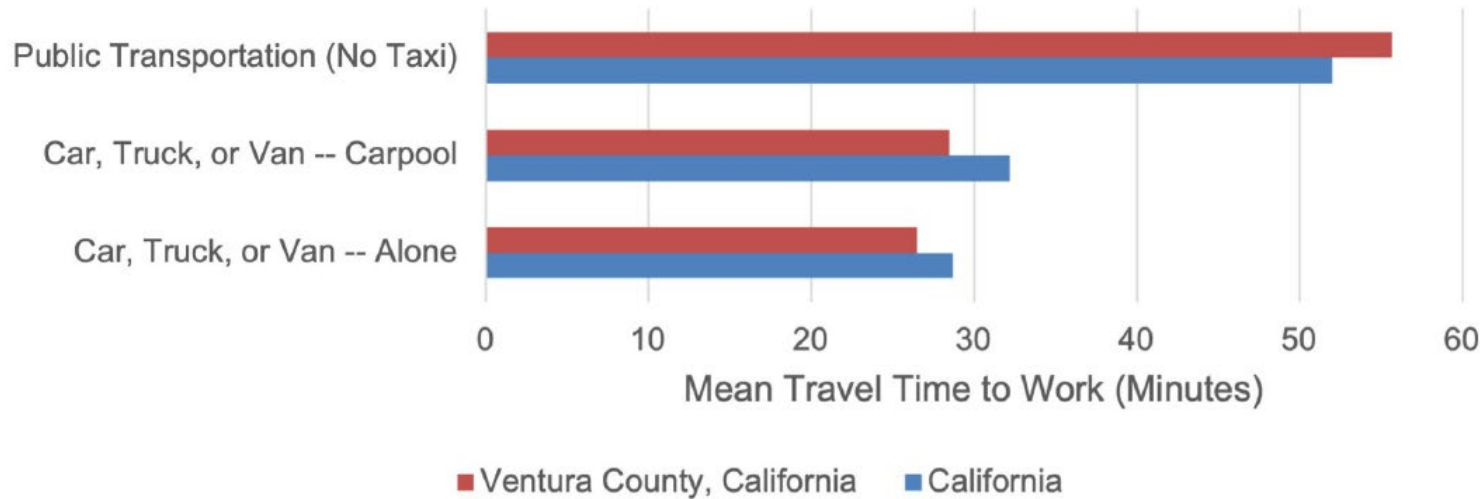
Source: UC Berkeley Transportation Injury Mapping System (TIMS)



# VENTURA COUNTY CHALLENGES: TRANSIT



## VENTURA COUNTY CHALLENGES: COMMUTE TIMES



Source: U.S. Census Bureau, American Community Survey 5-Year Estimates (2015-2019)

\*Transit commute time is double SOV

# OPPORTUNITIES: FUTURE SCENARIOS

## Scenario A

- Baseline future condition. Includes projects in adopted FTIP/RTP/CIPs

## Scenario B

- Projects that build on the baseline future condition in Scenario A
- Includes projects in RTP/SCS not fully funded, and new projects identified from planning efforts

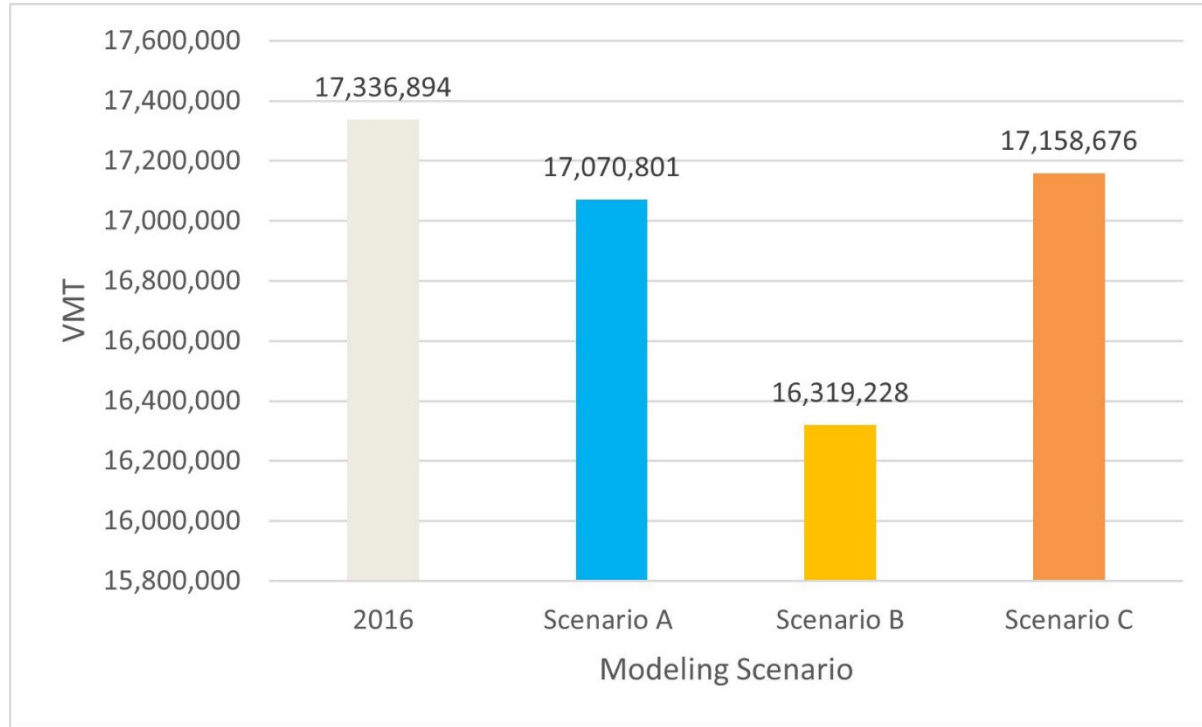
## Scenario C

- Unconstrained project list, builds on Scenario B with new unfunded projects
- No specific path to funding, project details not well-defined, costs/timelines occur beyond 2040



# SCENARIO PERFORMANCE HIGHLIGHTS

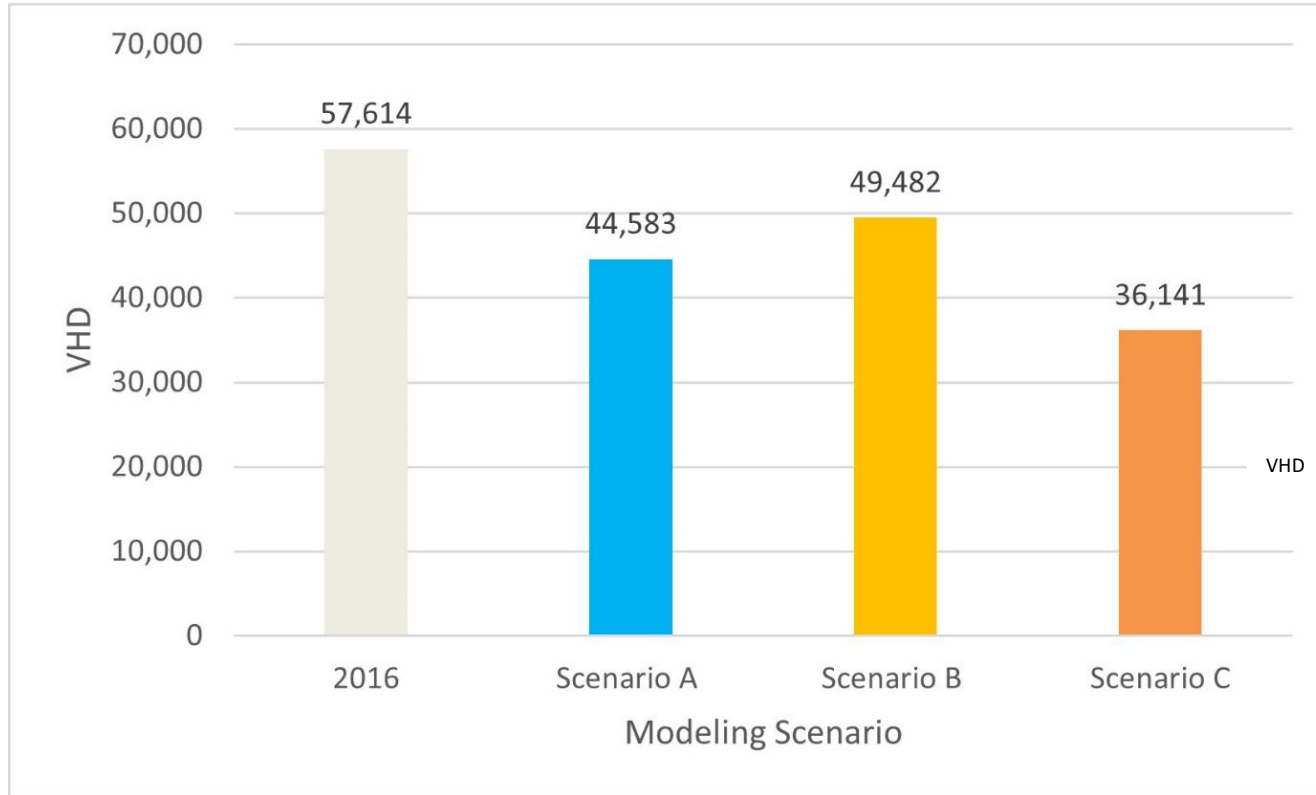
## Change in Vehicle Miles Traveled (VMT)



- Overall reduction in VMT from 2016 baseline for all scenarios
- Additional travel incentivized by congestion reduction

## SCENARIO PERFORMANCE HIGHLIGHTS

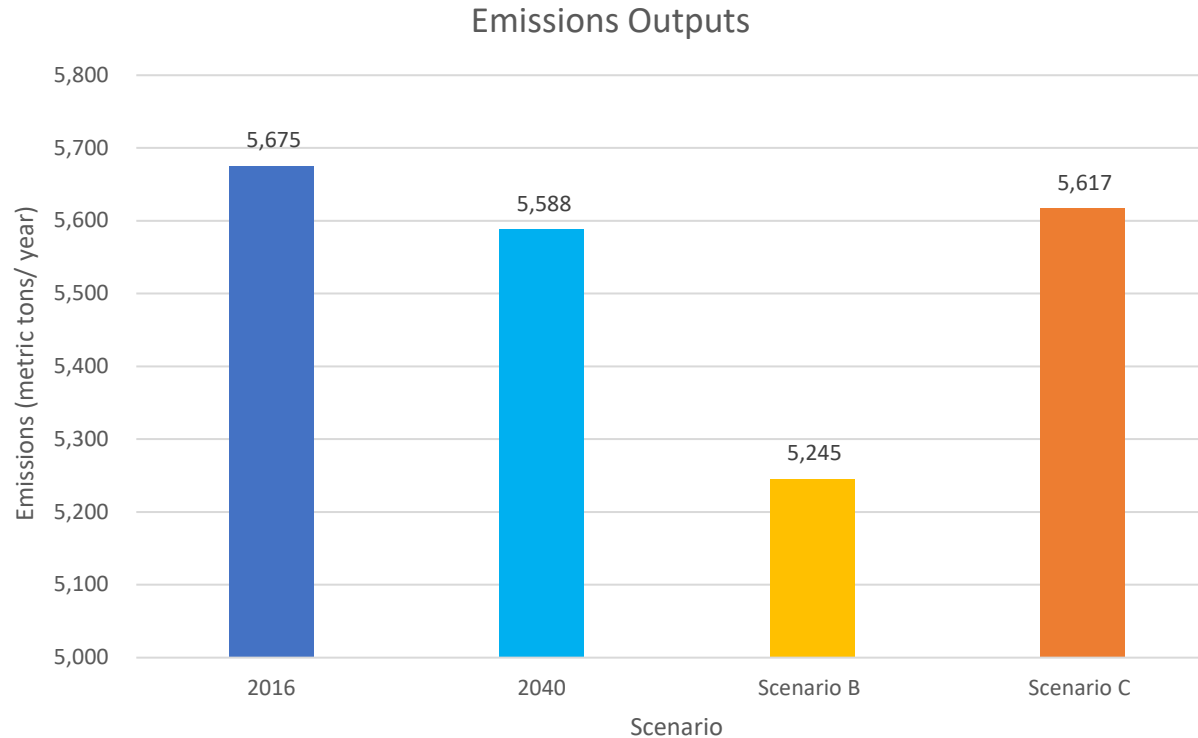
### Change Vehicle Hours of Delay (VHD)



- Largest VHD decrease in Scenario C (but increased VMT)

# SCENARIO PERFORMANCE HIGHLIGHTS

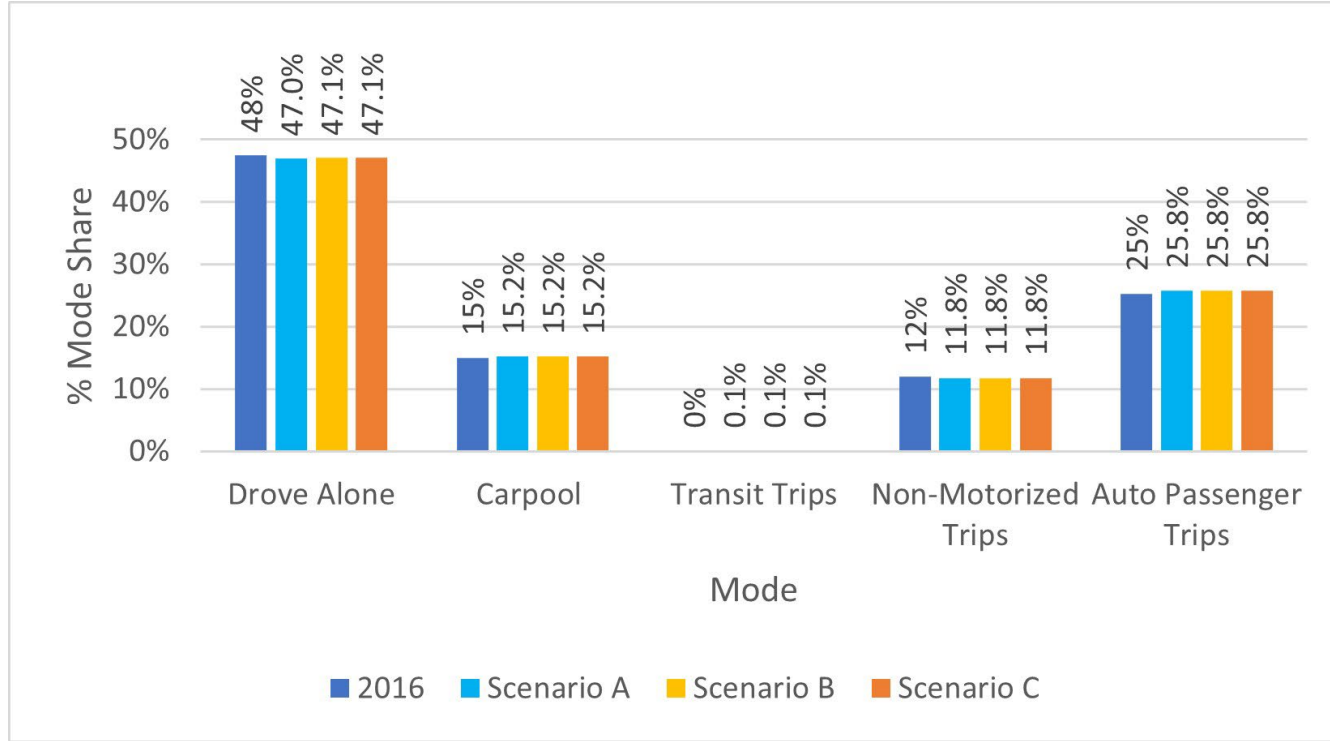
## Change in Emissions



- Higher VMT correlates with higher GHG emissions
- Overall decrease in GHG emissions

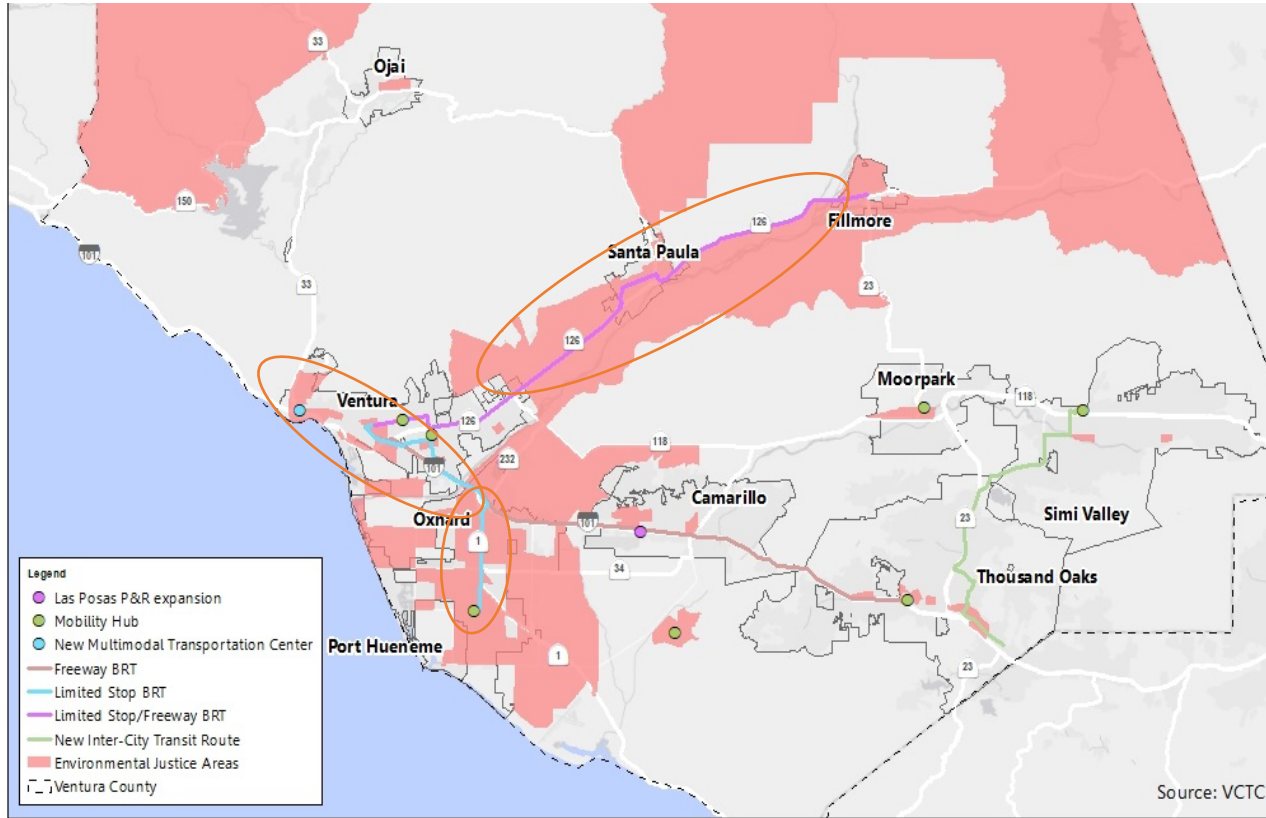
# SCENARIO PERFORMANCE HIGHLIGHTS

## Change in Mode Split



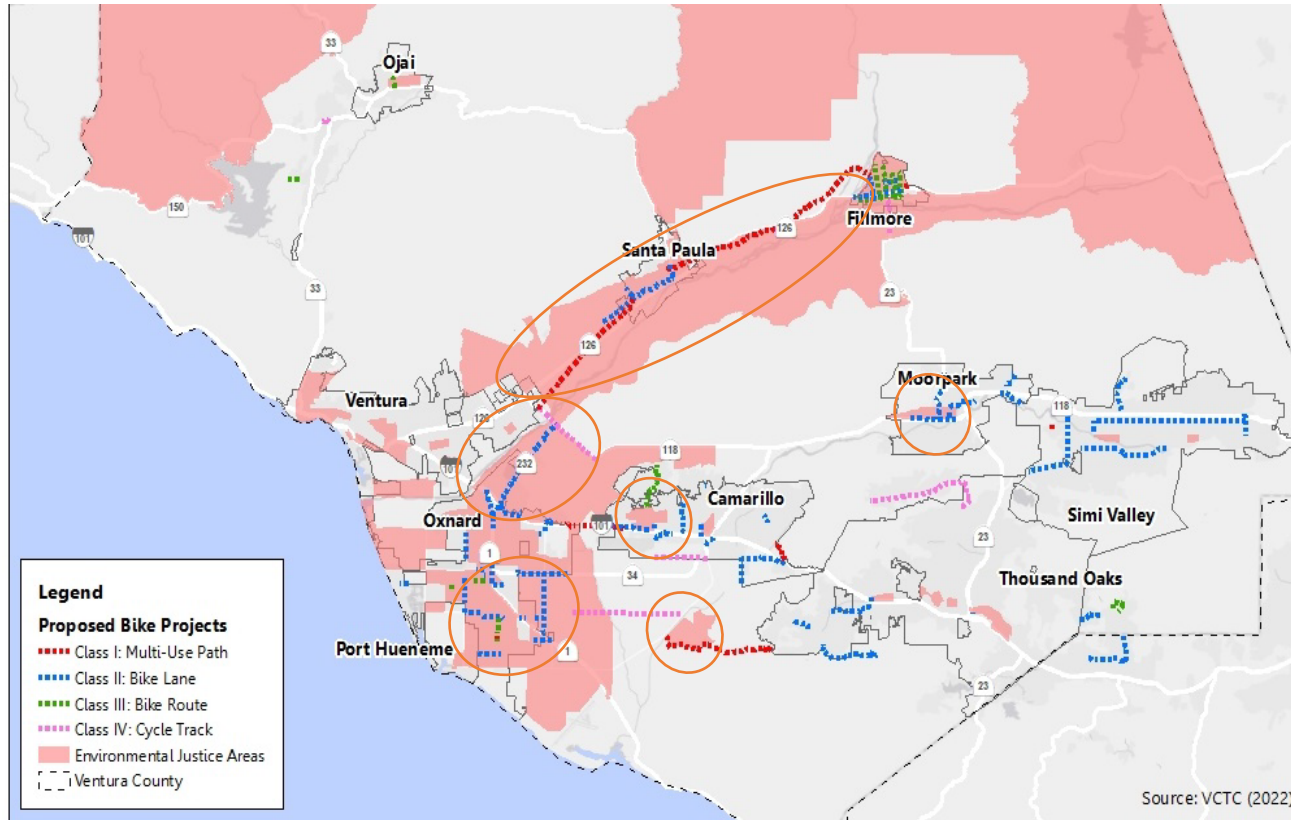
- Small improvements in mode split
- Larger changes require more land use/transportation integration

# EQUITY & THE CTP: SCENARIO PERFORMANCE



- Expanded high quality transit in environmental justice areas

# EQUITY & THE CTP



- Expanded bikeways in environmental justice areas



# NON-PROJECT POLICIES, PROGRAMS, AND STRATEGIES

## Complete Streets

- Identify curb management pilot projects
- Increase shade structures at transit stops

## Land Use

- Implement zoning that permits Transit-Oriented Development near HQTAs
- Encourage mixed-use developments

## Innovation

- Application-based trip booking
- Maintain a coordinated GIS data clearinghouse

## Sustainability

- Install air quality sensors
- Zero emission bus replacements and infrastructure

## Future Studies

- Post-pandemic transportation demand study
- Feasibility studies and land use plans

## Policies

- Highway and roadway policies
- Transit, active transportation, and sustainability policies

## NEXT STEPS

Incorporate feedback received by the public and technical advisory committees.

Build final recommendations from VCTC and partner agency planning efforts currently underway.

Project prioritization with performance metrics.





## Staff Recommendation

- **Accept the Ventura County Comprehensive Transportation Plan and provide direction to staff to amend the plan to incorporate comments from the public and advisory committees for full adoption at a future date.**



# *Thank You!*

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## *QUESTIONS?*

- *Contacts:*

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