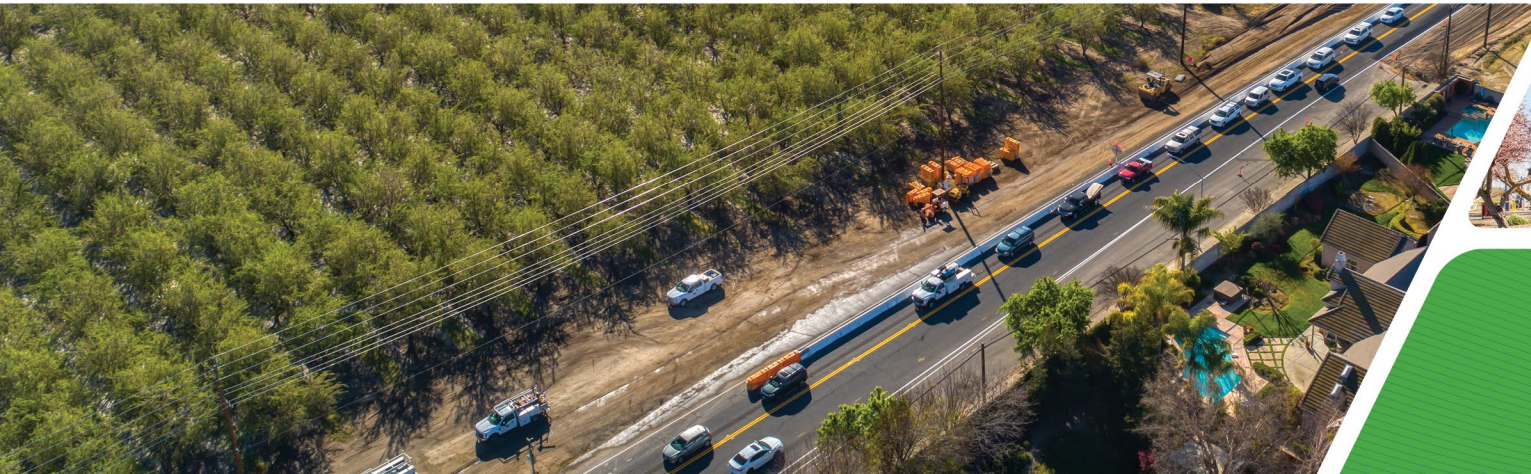




2026

***Regional Transportation Plan (RTP) &
Sustainable Communities Strategy (SCS)
VVS Meeting – January 2025***



Agenda

- ***RTP/SCS Overview***
 - Plan Input
 - Goals and Objectives
 - Conformity and GHG
 - Land Use-Based and Off Model Strategies
 - Revenue and Costs
 - Environmental Impact Report
- ***Regional Trends***
- ***Challenges***
- ***Schedule and Project Status***



Regional Transportation Plan & Sustainable Communities Strategy

- Documents long-range multi-modal transportation system plan
- Mandated by the Federal and State Government
- Minimum 20 Year Horizon updated every 4 years
- Reflects the shared vision of the Cities and the County
- Links with land use, development, housing & employment goals
- High-level planning (programmatic) approach



What must the Plan do?

- *Provide a prioritized listing of projects by project type*
 - Roadway
 - Transit
 - Active transportation
 - Aviation
- *Be fiscally-constrained – balance funding with costs*
- *Meet all federal MPO requirements including meeting air quality goals*
- *Demonstrate compliance with state climate change goals*
- *Be compliant with Federal Environmental Justice Order and Title VI*
- *Be compliant with CEQA*



Plan Input

- *Valley Vision Stanislaus Steering Committee*
- *Presentations to City Council/Board of Supervisor*
- *Meetings with City/County Planning Staff*
- *Community Workshops*
 - Spanish and English Language Presentations
- *Focus Group Meetings*
 - Community Based Organizations
 - Business Leaders
 - Spanish and English Language Presentations
- *StanCOG's interactive project website* www.ValleyVision2049.com

Have Your Say | Dé Su Opinión



Help us plan for the future: Complete the Survey

We need your help to identify top priorities to focus on when planning for the future of the region.

Take The Survey

Ayúdenos a planificar el futuro: llene la encuesta

Necesitamos de su participación para identificar las principales prioridades a enfocarse al planificar el futuro de la región.

Llene la Encuesta

Goals & Objectives

Goal 1. Mobility & Accessibility

Improve the ability of people and goods to move between desired locations and provide a variety of modal and mobility options.

Goal 2. Social Equity

Promote equitable access to opportunities by ensuring all populations share in the benefits of transportation improvements and are provided a range of transportation and housing choices.

Goal 3. Economic and Community Vitality

Foster job creation, business attraction, retention, and expansion by improving quality of life. Facilitate economic development and opportunities through infrastructure investments that support goods movement within and through the region, including but not limited to the county's strategic freight corridors.

Goal 4. Sustainable Development Pattern

Provide a mix of land uses and compact development patterns and encourage infill development to preserve agricultural land and natural resources.

Goal 5. Environmental Quality

Consider environmental impacts when making transportation investments and minimize impacts on clean air and natural resources. Support infrastructure investments that facilitate vehicle electrification and the provision of electrification infrastructure in public and private parking facilities and structures.

Goal 6. Safety & Health

Operate and maintain the transportation system to ensure public safety and security; and improve the health of residents by improving air quality and providing more transportation options.

Goal 7. System Preservation

Maintain transportation system in a state of good repair; and protect investment by maximizing use of existing transportation facilities.

Goal 8. Smart Infrastructure

Coordinate, monitor, and integrate planning and programming for intelligent transportation system (ITS), smart infrastructure, demand-responsive transportation, and automated vehicles.

Goal 9. Resiliency and Reliability

Harden infrastructure to resist, absorb, recover from, or successfully adapt to adversity or a change in conditions including climate change.

Goal 10. Congestion Management

Maintain or reduce congestion as compared to current levels.

Goal 11. Project Delivery

Efficiently use available transportation funding to expedite project delivery of transportation improvements within the region for the benefit of residents of Stanislaus County and the traveling public in general.

What must the Plan do?

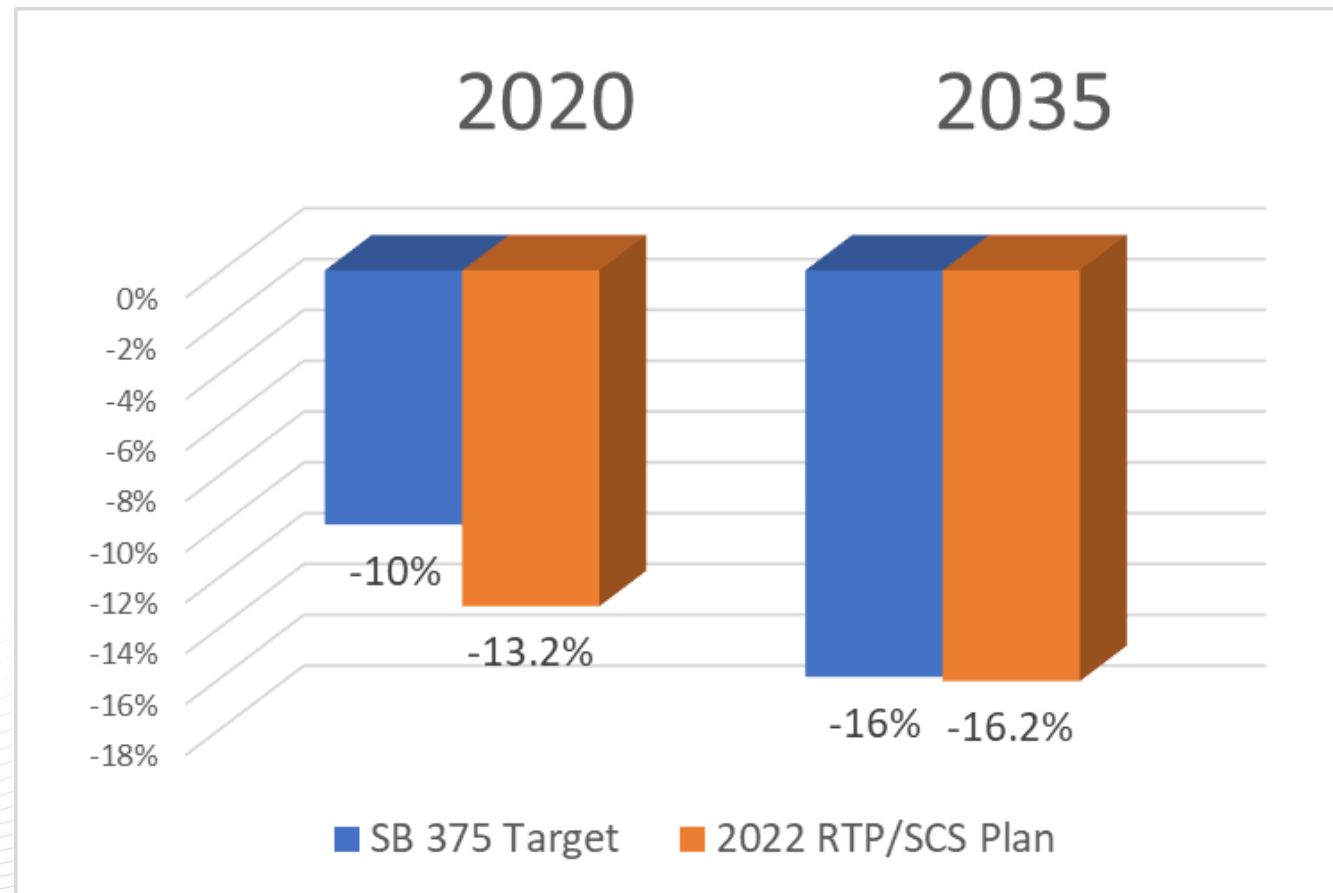
- *Be consistent with other the state/federal initiatives including:*
 - Regional Housing Needs Assessment (RHNA)
 - 2017 RTP Guidelines
 - Statewide Transportation Plan
 - Federal Transportation Performance Management



Transportation Conformity

- *Health effects focus, not climate change (GHG)*
- *Covers Carbon Monoxide, Ozone, PM-10, PM-2.5, Nitrogen Oxides*
- *Requires investments to conform to State Implementation Plan*
- *Stanislaus County is non-attainment for PM-2.5 and 8-Hr Ozone*
- *Future analysis shows that the Preferred Scenario will meet “budgets”*

Per Capita GHG Reduction Evaluation

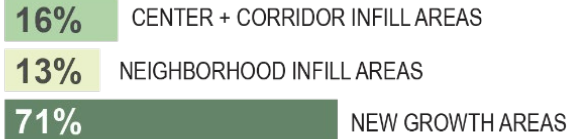


A STAY THE COURSE

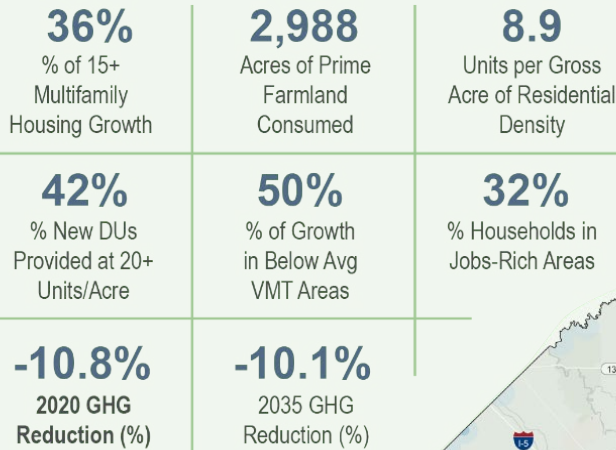
Overview

The region does choose to move forward with the investments and policies in the 2018 RTP/SCS.

Growth Location



Performance Metrics

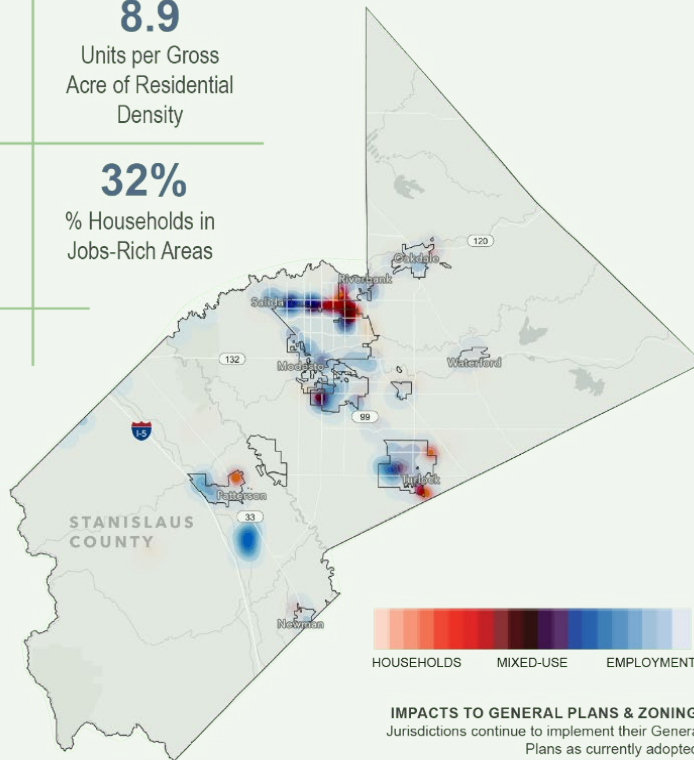


9,159,585

2020 VMT

10,243,119

2035 VMT

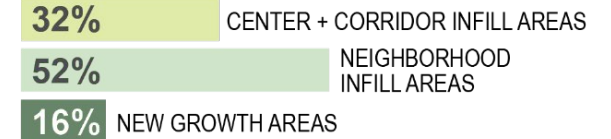


D NEIGHBORHOOD INFILL

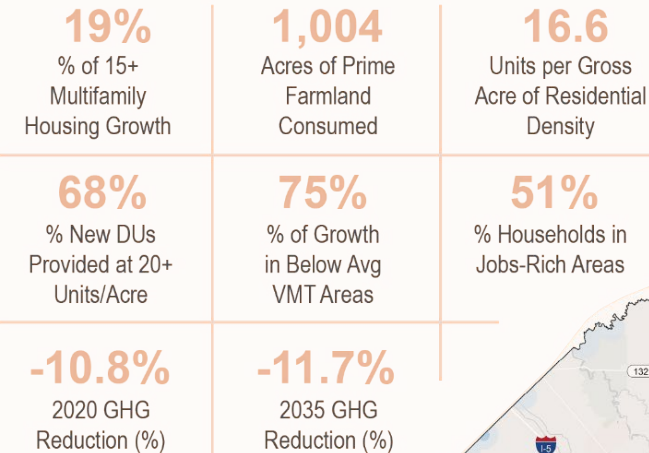
Overview

Established neighborhoods transform over time to accommodate a diverse range of housing types.

Growth Location



Performance Metrics

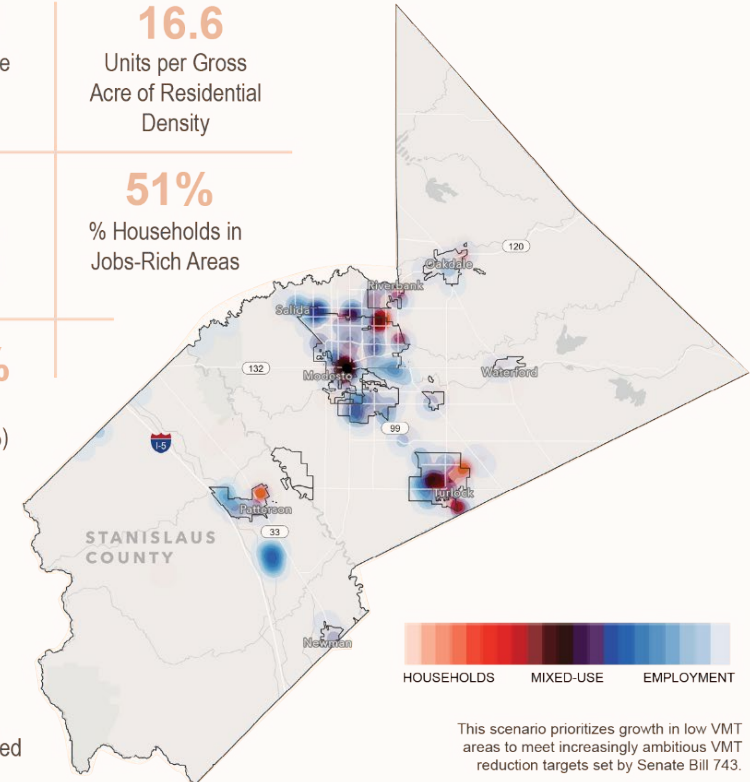
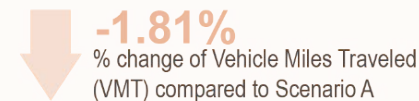


9,159,585

2020 VMT

10,057,773

2035 VMT



This scenario prioritizes growth in low VMT areas to meet increasingly ambitious VMT reduction targets set by Senate Bill 743.

Off-Model Strategies

2018 SCS

- *Active Transportation Projects*
- *Vanpool Program Expansion*
- *Transit Enhancements (ACE Forward)*
- *Rule 9410 or Telecommuting*
- *Transportation System Management/
Intelligent Transportation Systems*

2022 SCS

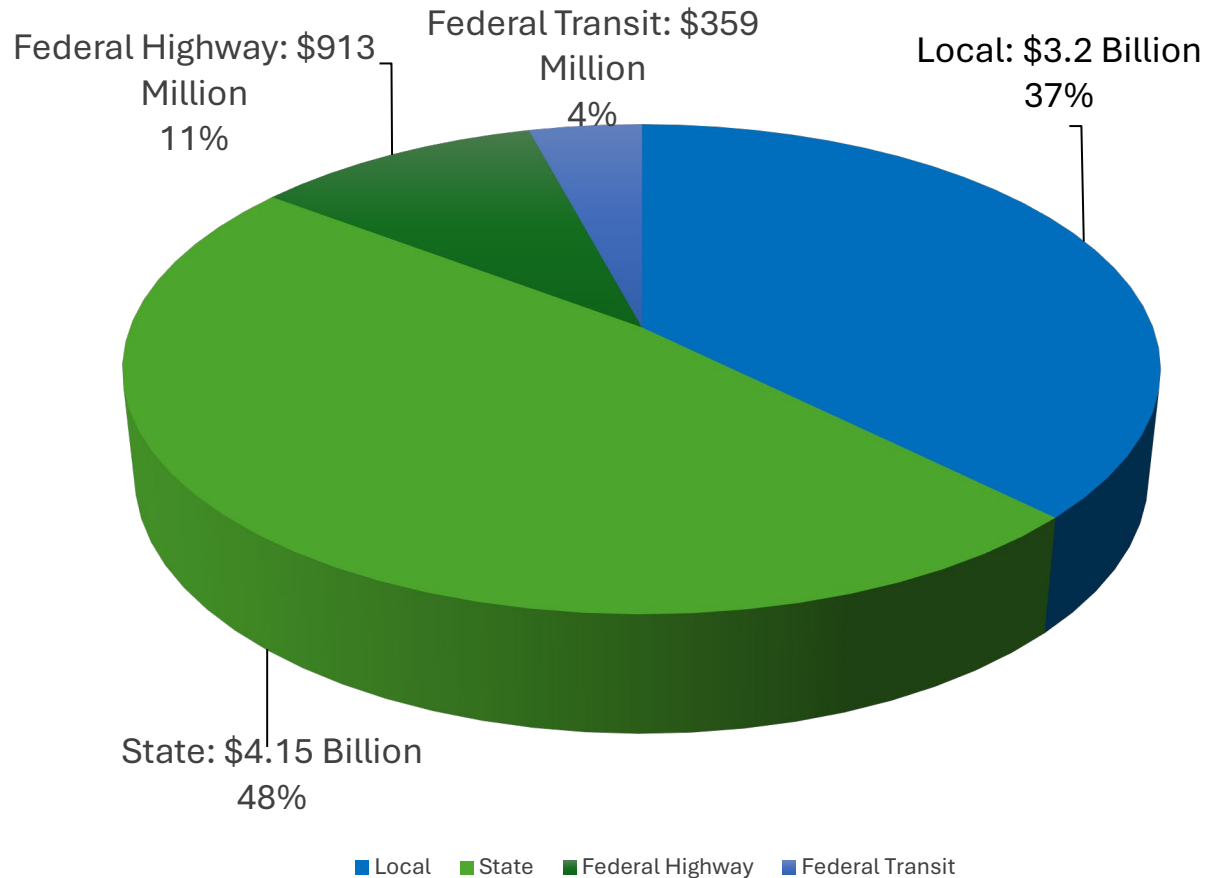
- *Electric Vehicle (EV) Infrastructure
Charging Incentive Program*
- *Home Plug in Electric Vehicle (PEV)
Charging Incentive Program*
- *EV Charging Fee Offset Program*
- *Carshare/ Bikeshare*
- *Parking Management*
- *Valley Flex*
- *VMT Mitigation Banking*

Off-Model Strategies

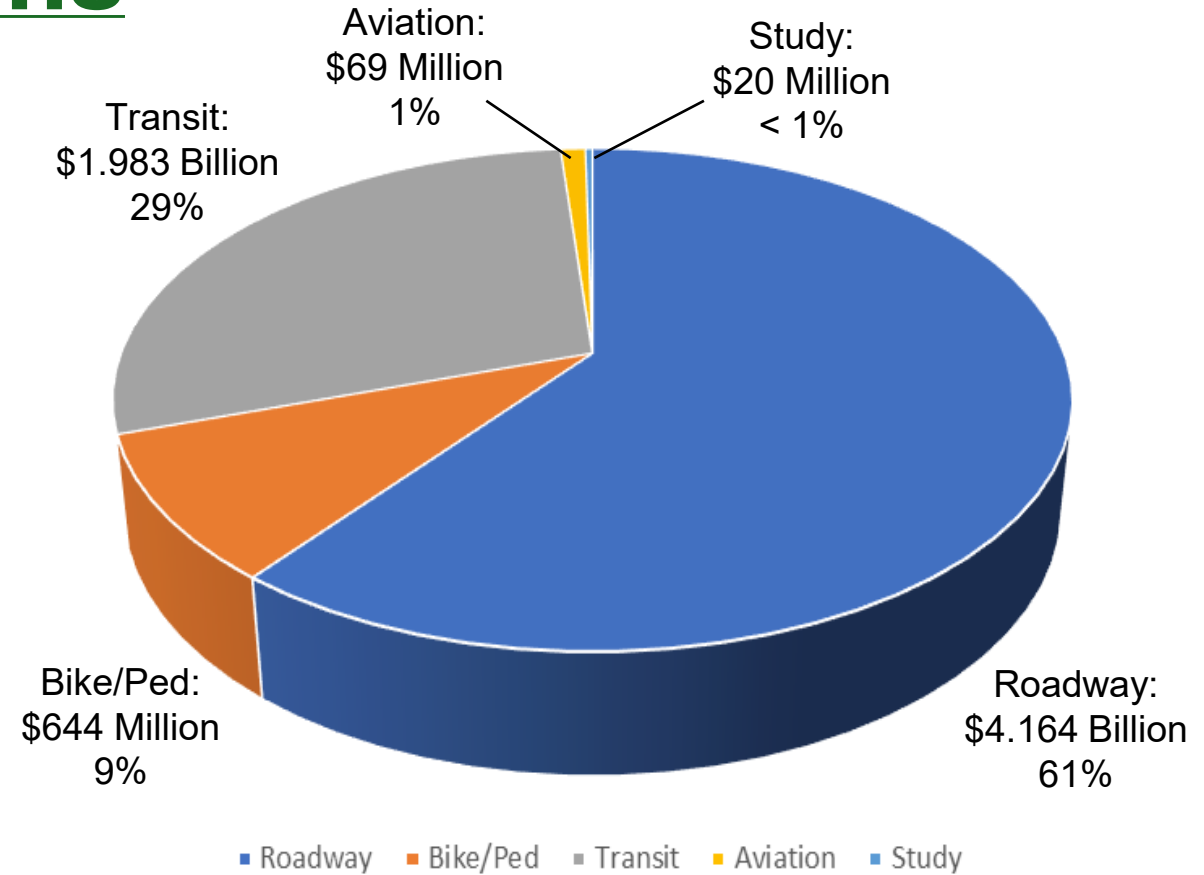
2018 SCS	Estimated Reduction	2022 SCS	Estimated Reduction
Active Transportation Projects	1.00%	Electric Vehicle (EV) Infrastructure Charging Incentive	See note*
Vanpool Program	0.10%	Home Plug in Electric Vehicle (PEV) Charging Incentive Program	See note*
Transit Enhancements (ACE)	0.10%	EV Charging Offset Program	0.10%
Rule 9410	2.00%	Carshare/Bike Share	See note*
Transportation System Management/Intelligent	0.50%	Parking Management	0.30%
		Valley Flex	See note*
		VMT Mitigation Bank	2-3%
Subtotal	3.70%	Subtotal	2.4-3.4%
Total			6.1%-7.1%

*Note: less than 0.1%

Revenue & Cost Projections



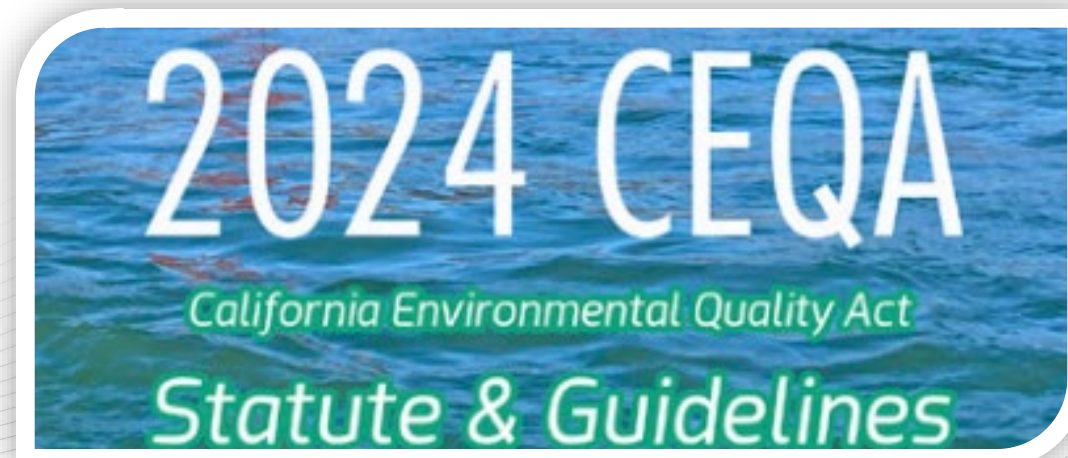
Total Revenue:
\$8.671 B



Total Cost:
\$6.879 B

CEQA Requirements

- *Disclose the significant environmental effects of proposed actions*
- *Identify ways to avoid or reduce environmental impacts*
- *Consider feasible alternatives to proposed actions*
- *Enhance public participation in the planning process*

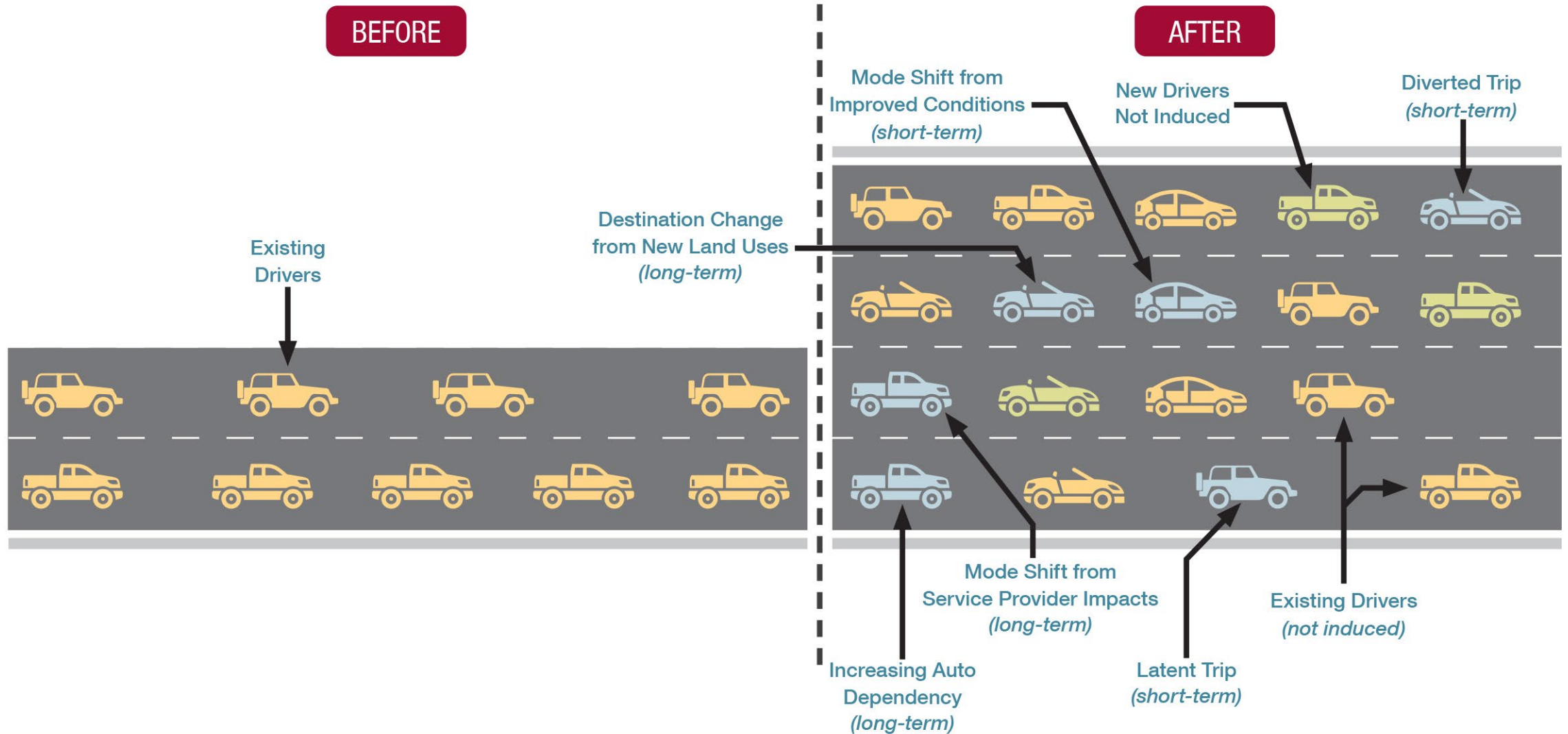


Program EIR

- *Broad comprehensive evaluation*
- *Covers many actions*
- *Focuses on region-wide impacts and mitigation*
- *Additional CEQA review required for individual projects*
- *Two alternatives considered in addition to the Project*
- *Several alternatives are considered but rejected if infeasible/no impact on reduction*

INDUCED DEMAND

WHAT IS IT?



Total Trips

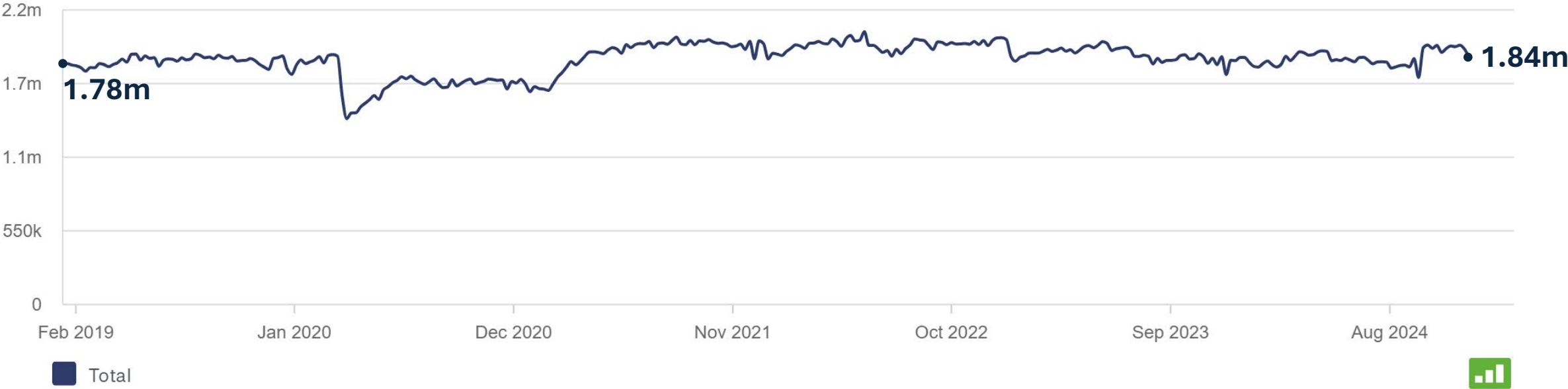
Stanislaus County, CA

Total Trips

Trips in this geography, typical weekday

Jan 12, 2019 to Nov 30, 2024

REPLICA



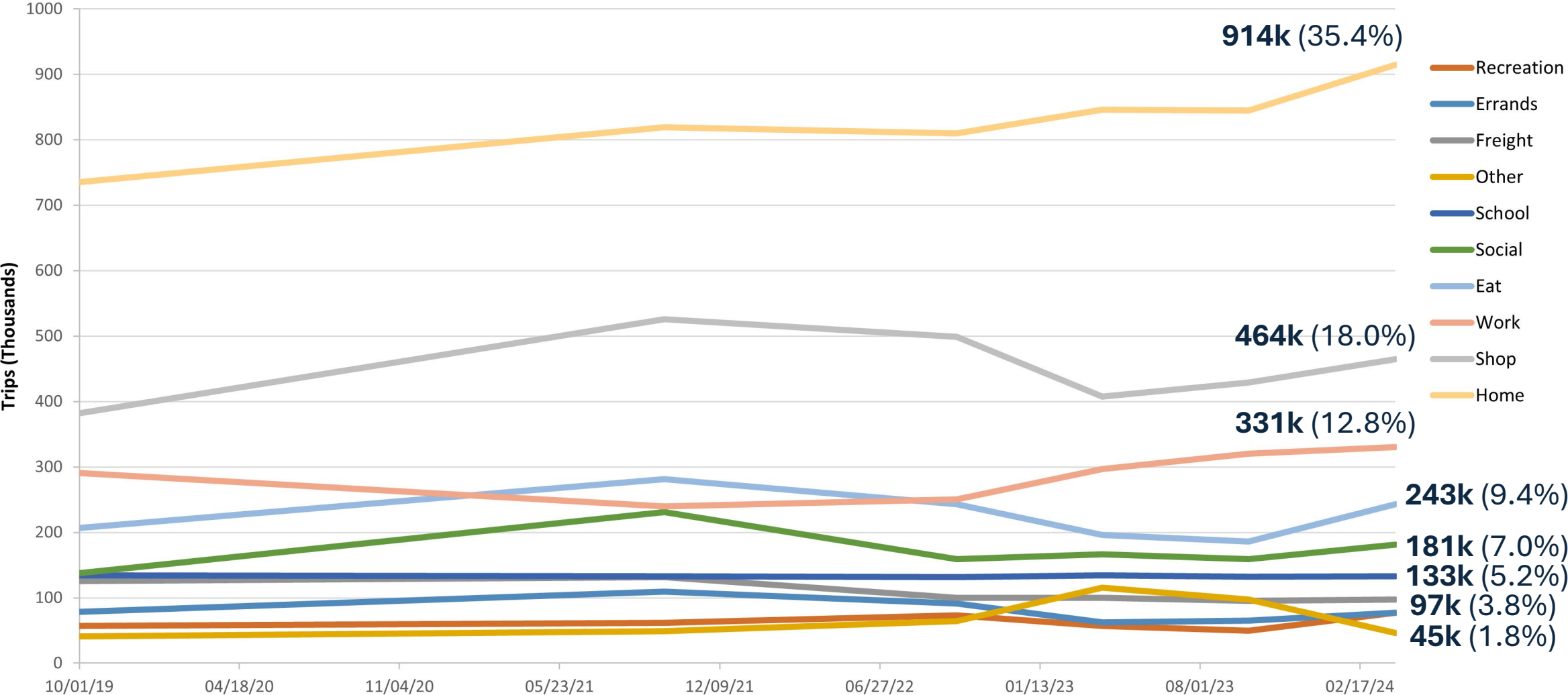
Trip Purpose

Stanislaus County, CA

Trip Purpose

Trip volume in County, typical weekday

REPLICA



Mode Split

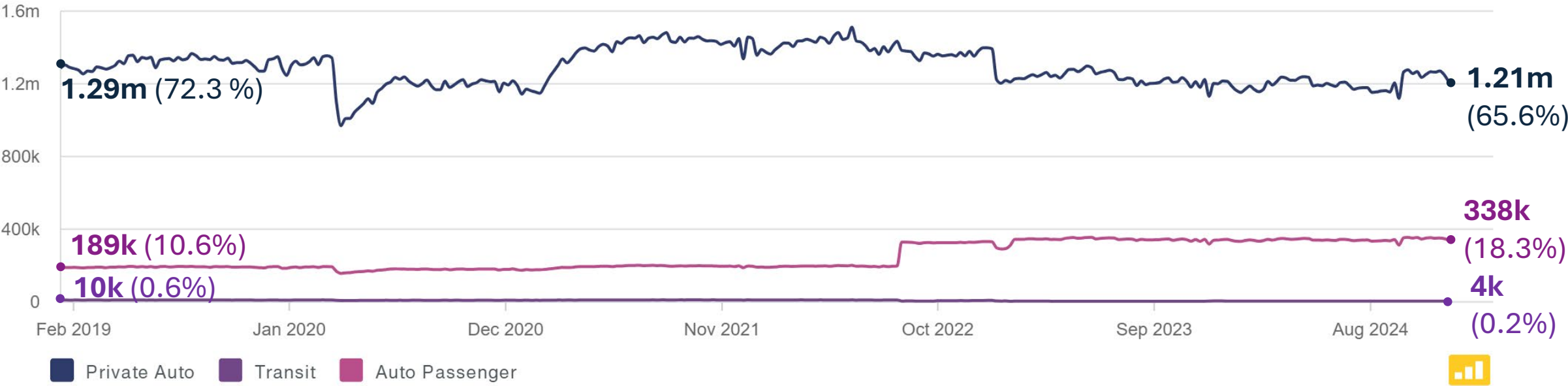
Stanislaus County, CA

Mode Split

Trip volume in this geography, typical weekday

Jan 12, 2019 to Nov 30, 2024

REPLICA



Intra-Geo Trips

Stanislaus County, CA

Intra-Geo Trips

Trips starting and ending in County, typical weekday

REPLICA

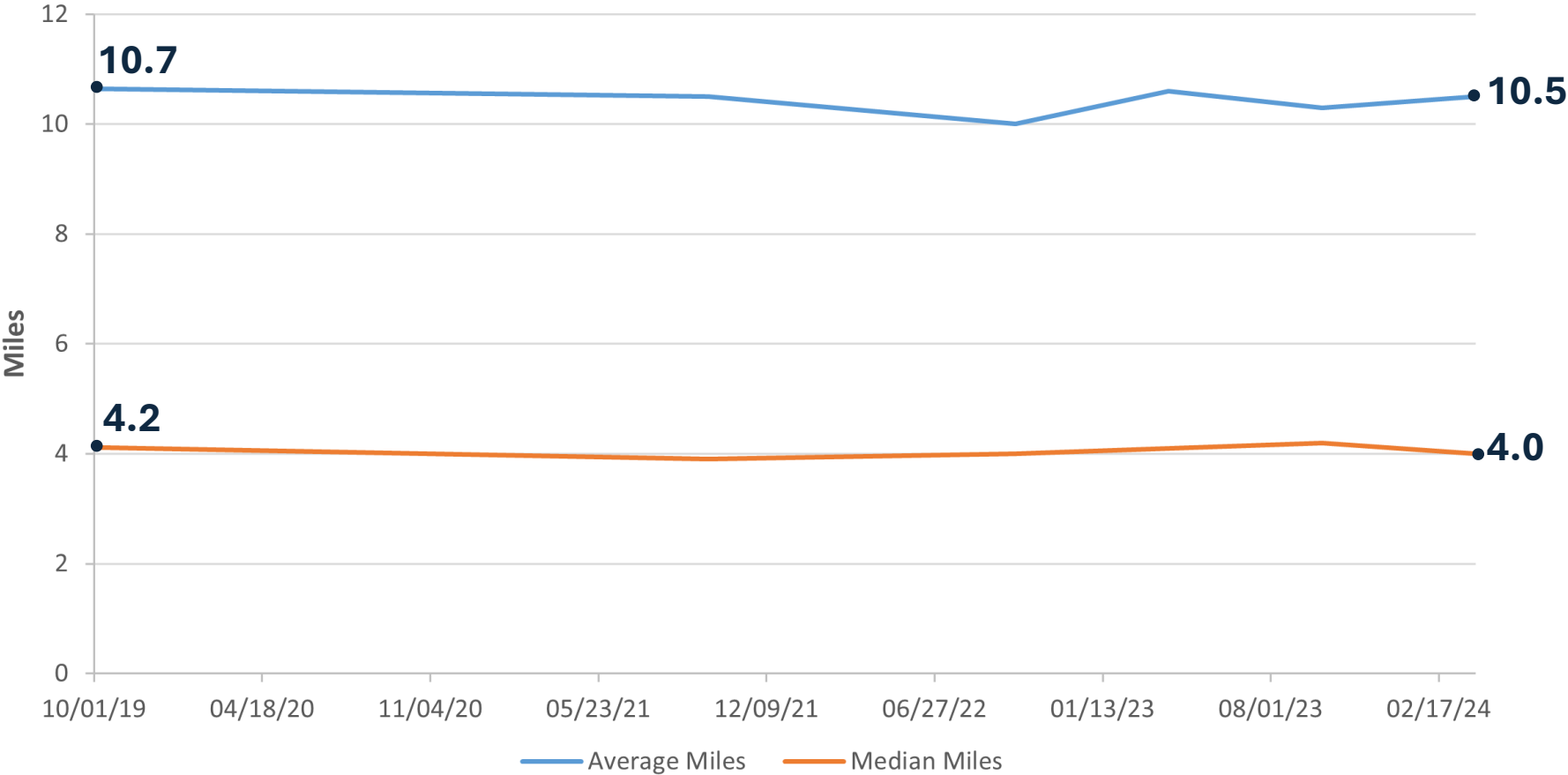


Trip Distance

Stanislaus County, CA

Median and average trip distances of trips in County, typical weekday

REPLICA



Trip Start Time

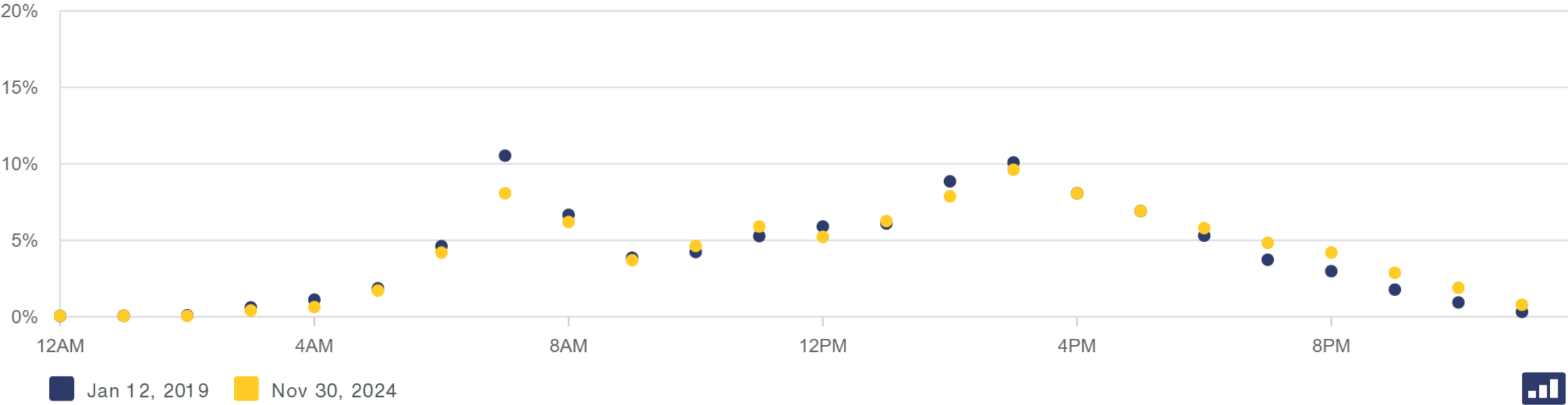
Stanislaus County, CA

Trip Start Time

Trips starting in this geography, average hour

Jan 12, 2019 to Nov 30, 2024

REPLICA

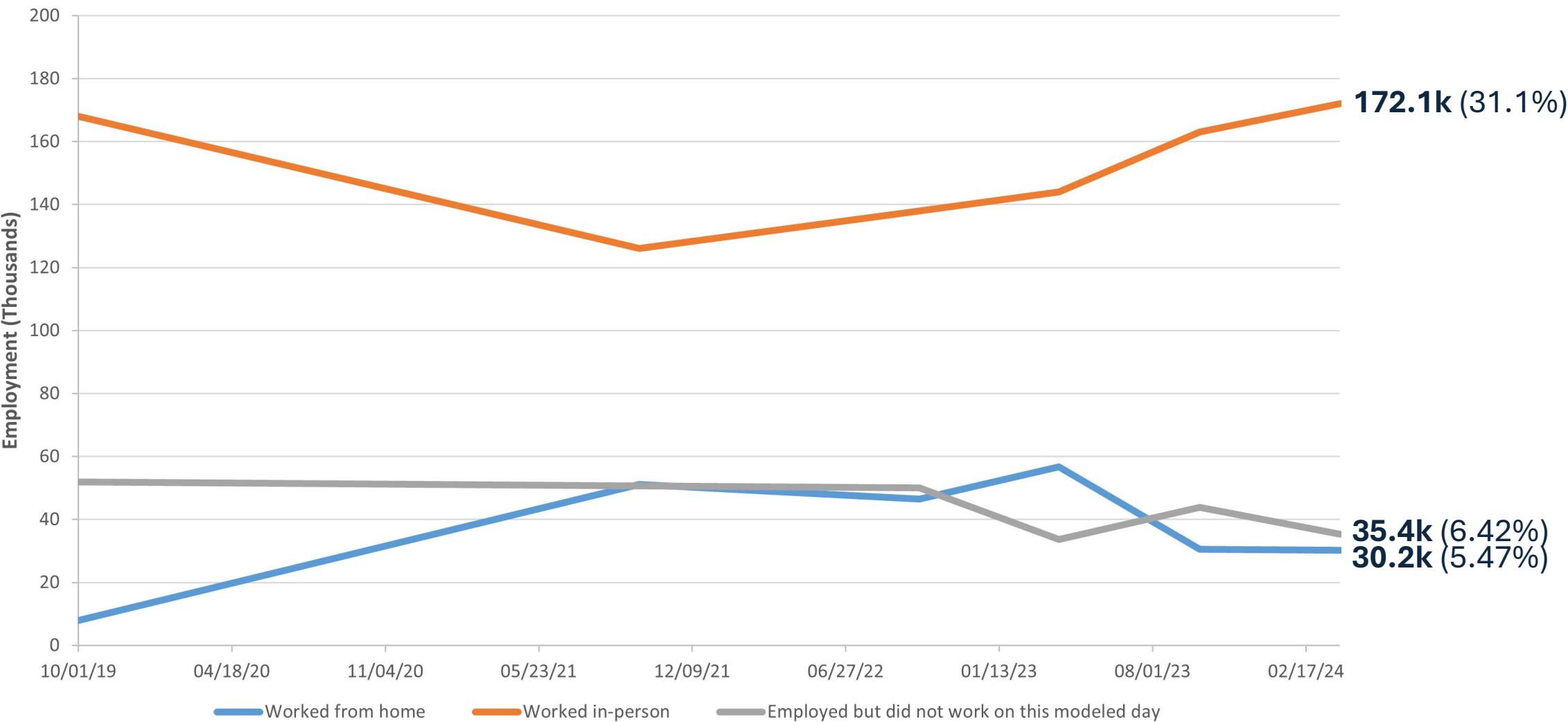


Work From Home

Stanislaus County, CA

Employed total of worked-from-home and worked-in-person, typical weekday

REPLICA



VMT per Capita (Oct 2019)

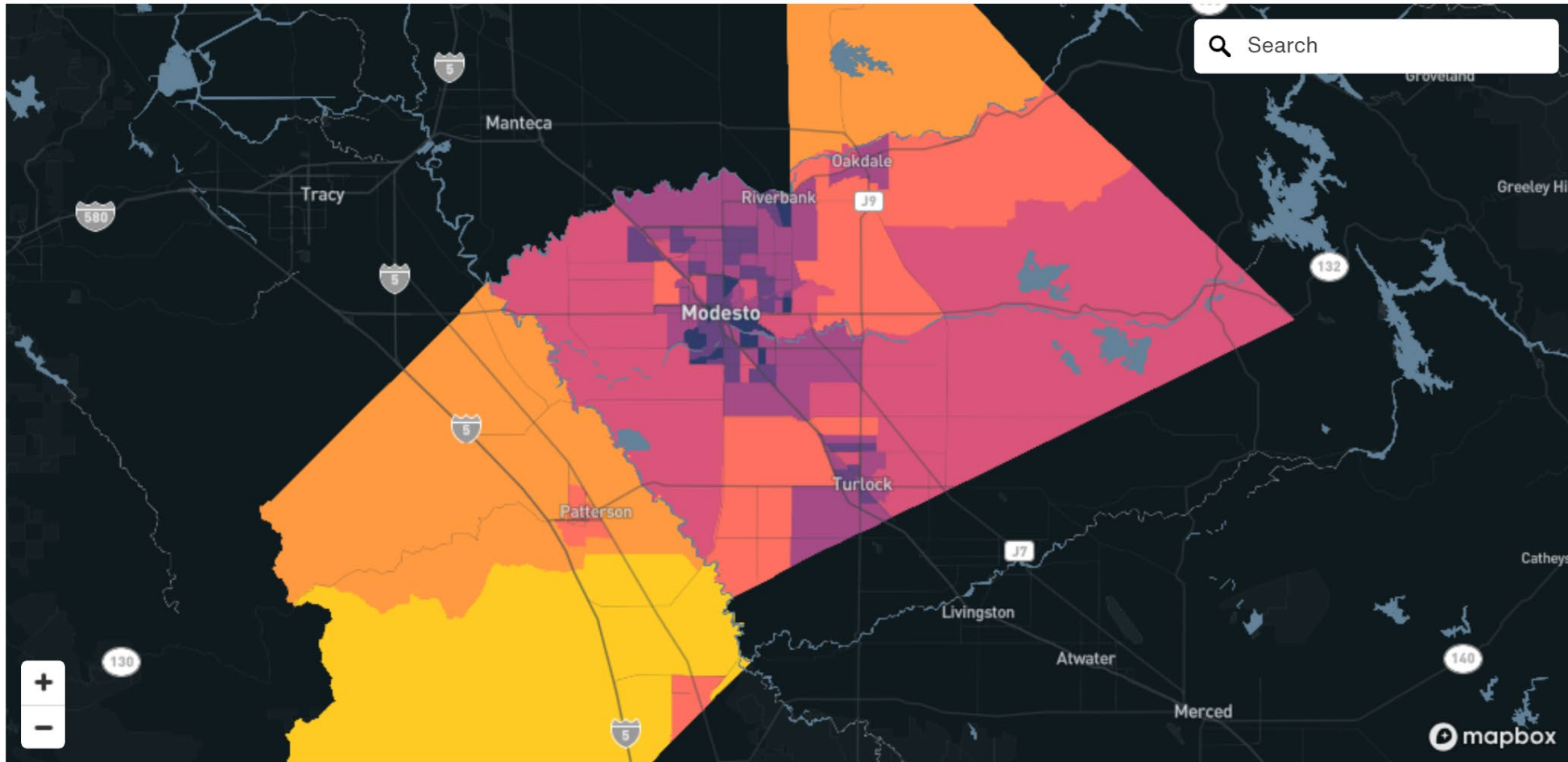
Tracts In Stanislaus County, CA

Residential Vehicle Miles Traveled (VMTs)

VMT per capita in this geography, average month

Oct 2019

REPLICA



VMT per capita



VMT per Capita (Oct 2024)

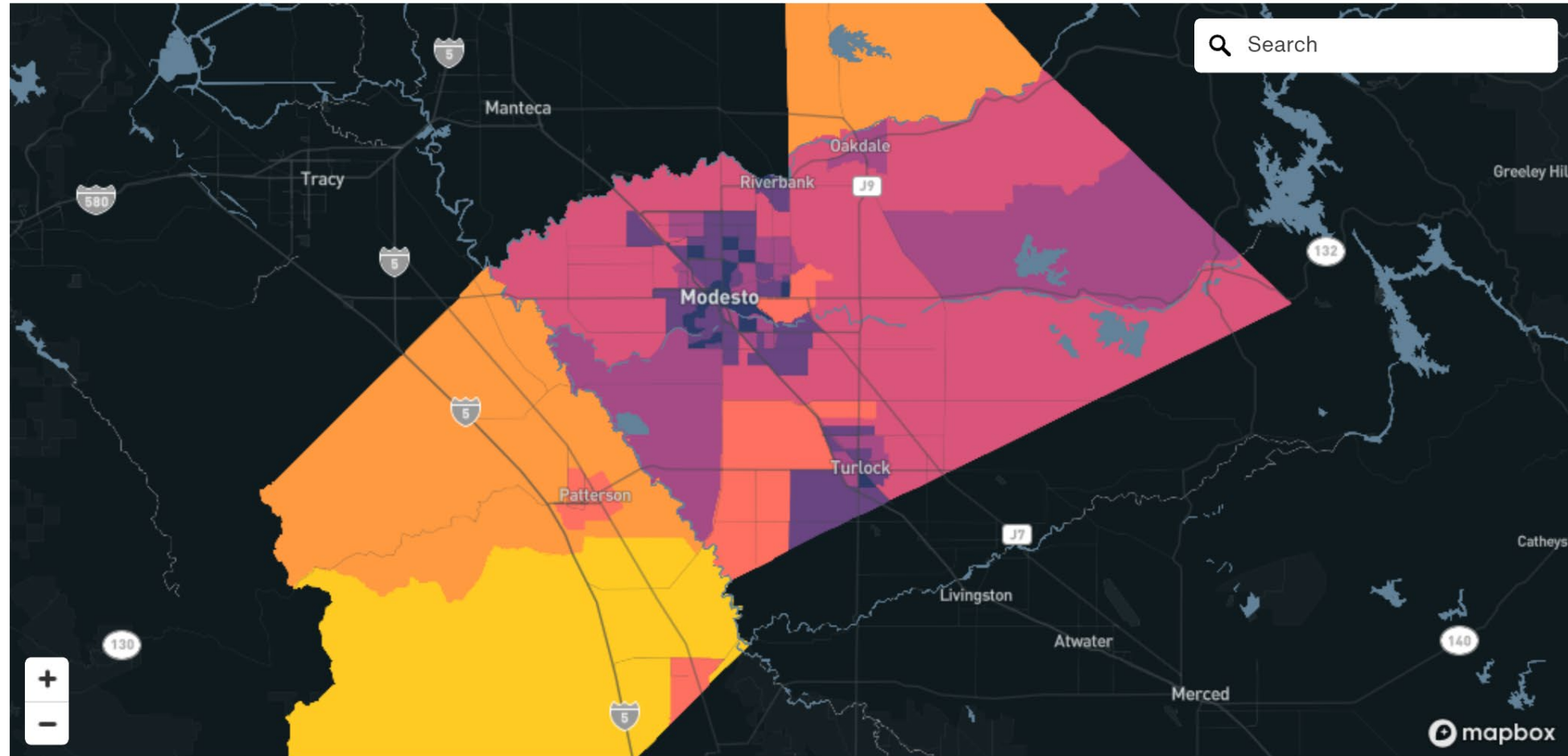
Tracts In Stanislaus County, CA

Residential Vehicle Miles Traveled (VMTs)

VMT per capita in this geography, average month

Oct 2024

REPLICA



VMT per capita



Residential VMT

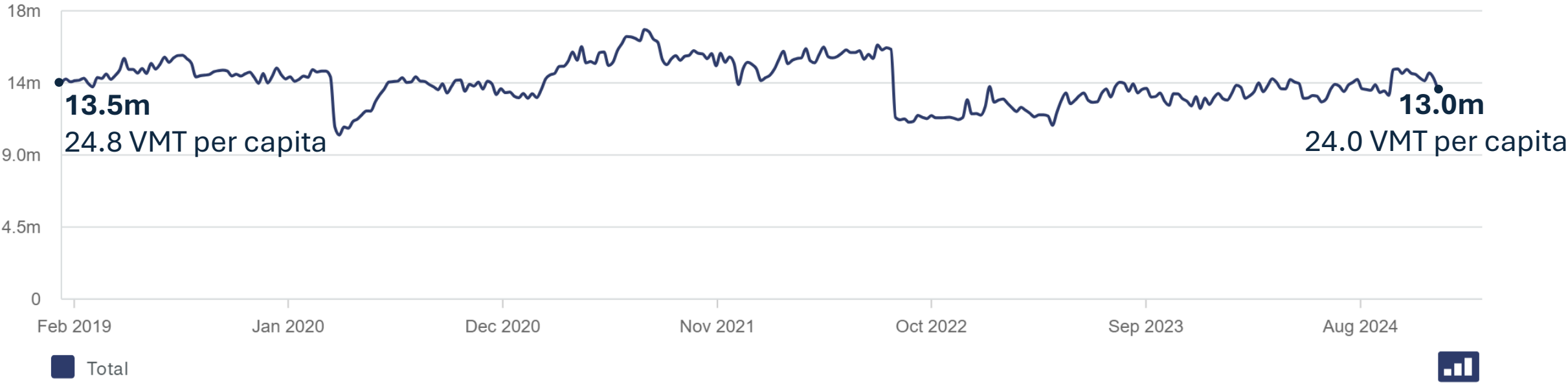
Stanislaus County, CA

Residential Vehicle Miles Traveled (VMTs)

VMT in this geography, typical weekday

Jan 12, 2019 to Nov 30, 2024

REPLICA



Change in Residential VMT

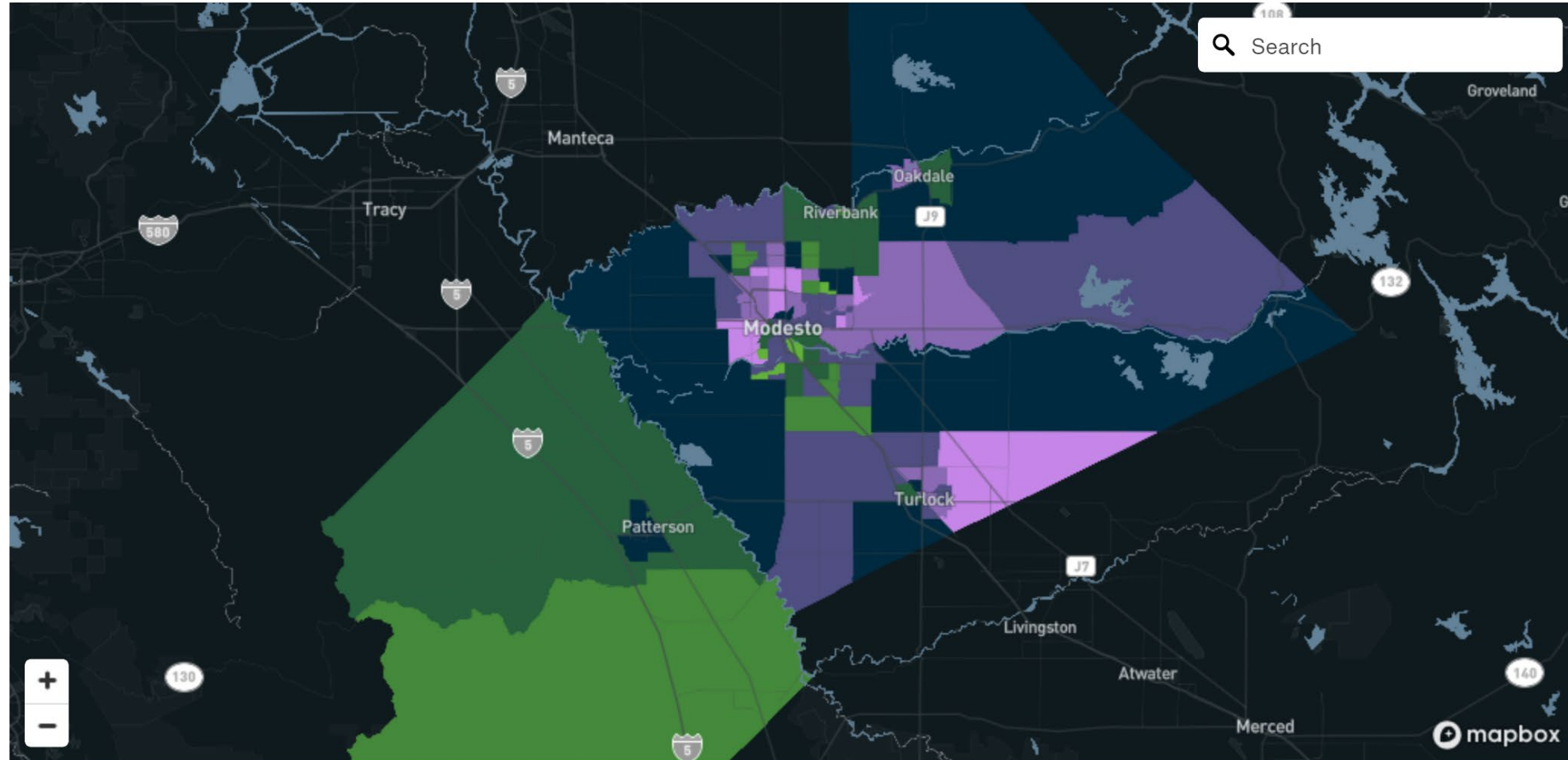
Tracts In Stanislaus County, CA

Change in Residential Vehicle Miles Traveled (VMTs)

Change over time period for VMT in this geography, typical weekday

Jan 12, 2019 to Nov 30, 2024

REPLICA

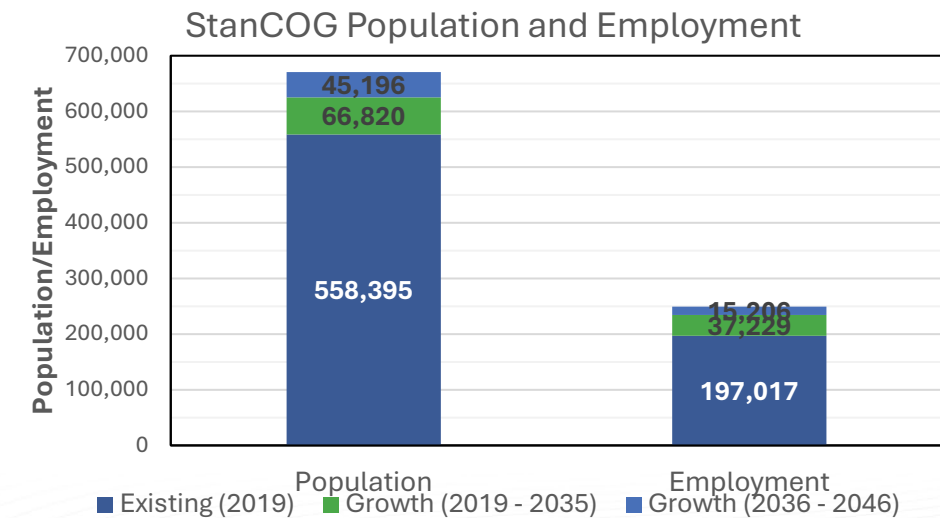


VMT

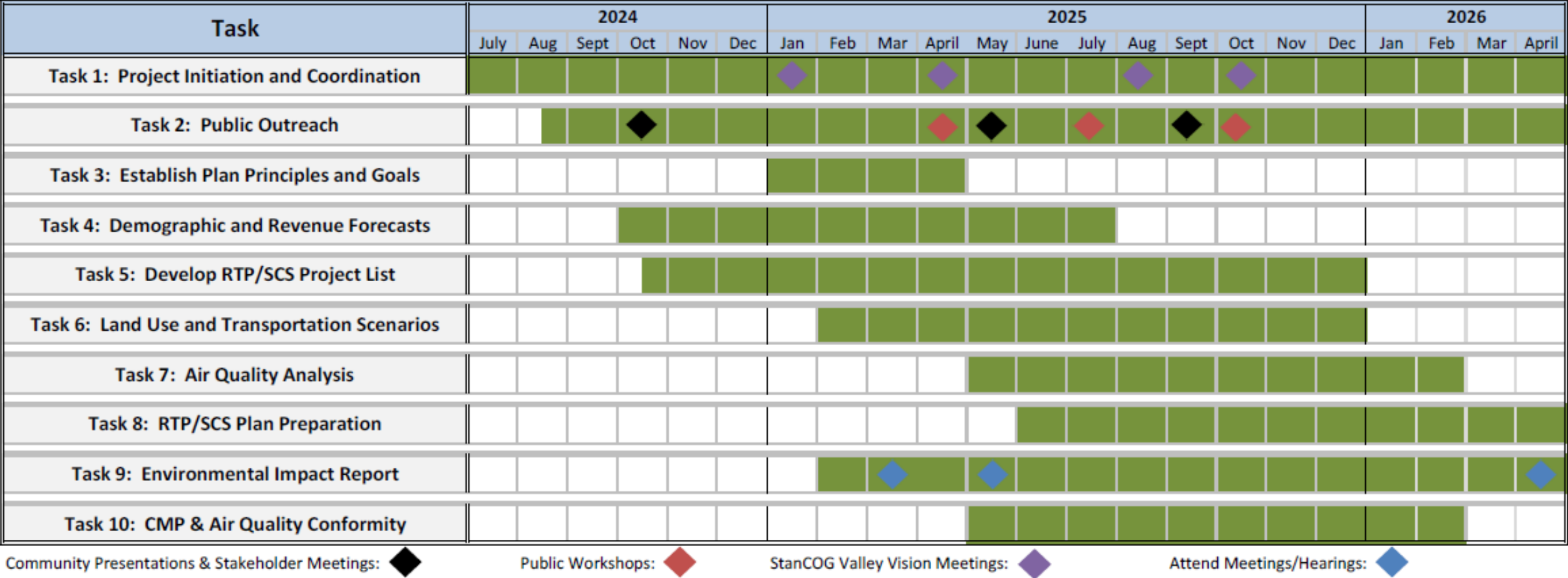


Challenges

- *Federal Air Quality Conformity requirements must be met*
- *SB 375 will be a challenge*
 - 10-percent to 16-percent target increase
 - Induced Demand layered on top of new target
 - Changes to CARB policy
- *We only have future choices to meet targets*
- *The scenarios represent a range of options*

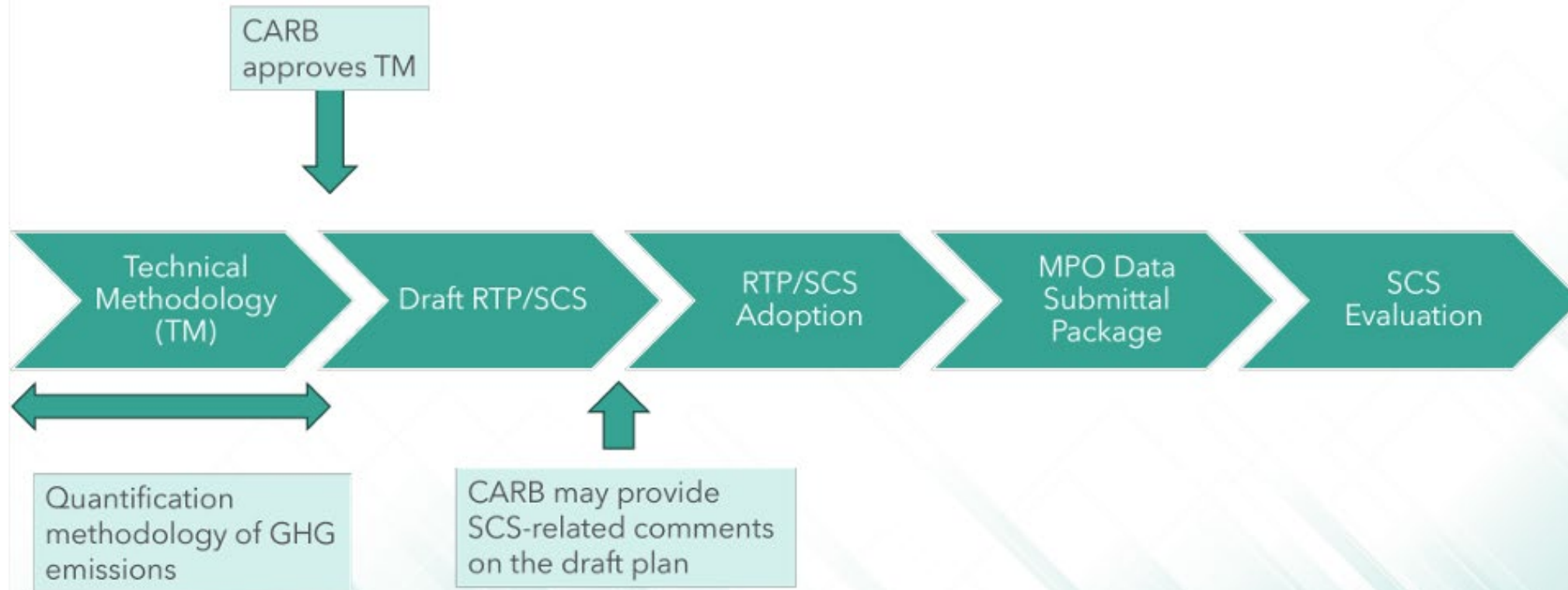


Schedule



CARB Process

MPO and CARB SCS Collaboration Milestones



Completed to Date

- *Model Development*
- *Population/Employment Estimates*
- *Project List Updates*

Next Steps

- *Public Involvement Plan*
- *CARB Methodology Development*
- *Begin Scenario Planning*
- *Environmental Kick Off*

Questions

