



**ARB INFORMATIONAL UPDATE:
SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS'
DRAFT 2012-2035 SUSTAINABLE COMMUNITIES STRATEGY**

March 22, 2012

California Environmental Protection Agency
Air Resources Board

STATUS OF SB 375 IMPLEMENTATION

- *ARB set regional greenhouse gas emission reduction targets in September 2010 – per capita metric*
- *ARB published its technical methodology explaining our approach to SCS review*
- *ARB staff reviewed one SCS in 2011, and two draft SCSs in 2012*
- *SCAG and SACOG Boards will consider SCS adoption in April 2012*

THE SCAG REGION



- Largest of the regional planning areas
- About half of the state's population and GHG emissions
- A significant portion of the state's economy

3

SUSTAINABILITY IN THE REGION

Regional dialogue about sustainability has been ongoing.

Many examples of local commitment to sustainable planning through the Compass Blueprint Program .



4

**LONG BEACH:
TRANSIT ORIENTED
DEVELOPMENT**



**FULLERTON:
MIXED USE REDEVELOPMENT**



**SAN BERNARDINO:
SBX BUS RAPID TRANSIT**



5

**EL CENTRO:
DOWNTOWN MASTER PLAN**



**TEMECULA: OLD TOWN
REVITALIZATION**



6

SCAG'S DRAFT SCS

*An overview of the
Sustainable Communities Strategy*

7

DEVELOPMENT OF THE DRAFT PLAN

- *A 2-year public process with dozens of workshops*
- *Collaboration with local governments, transportation agencies and other stakeholders*
- *Development of scenarios and RTP alternatives*
- *Examples of supplemental analyses: transportation finance, goods movement, active transportation, environmental justice*

8

SCAG'S EJ ANALYSIS

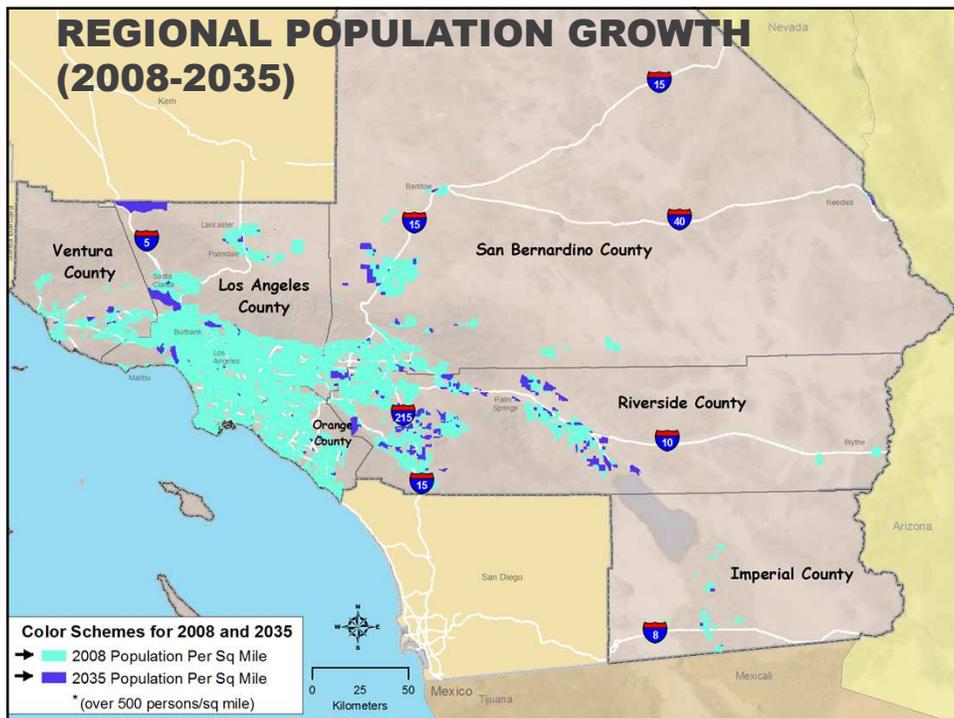
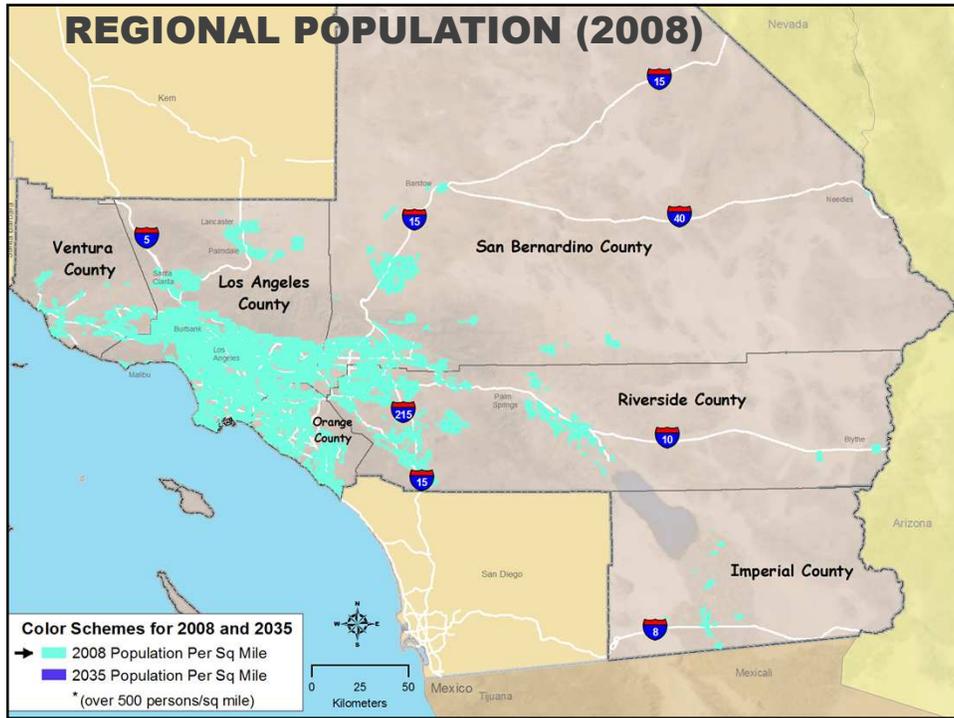
- *Uses social equity performance measures*
- *Provides a tool box of potential mitigation measures for project sponsors and local agencies*
- *Recognize gentrification as an issue*
- *Research is needed to develop new indicators at a very refined geographic level*

9

POPULATION GROWTH

*The region's population will grow by 4 million
by 2035*

10



KEY FEATURES OF THE SCS

*Integrates land use
and transportation
strategies*



13

LAND USE OUTCOMES



- More multi-family development
- Jobs and housing closer to transit

14

TRANSPORTATION OUTCOMES



- *Better biking and walking opportunities*
- *Better transit accessibility*
- *Shorter travel distances*

15

MORE MULTI-FAMILY HOUSING

By 2035, two-thirds of all new housing units will be multi-family (townhomes, condos and apartments)



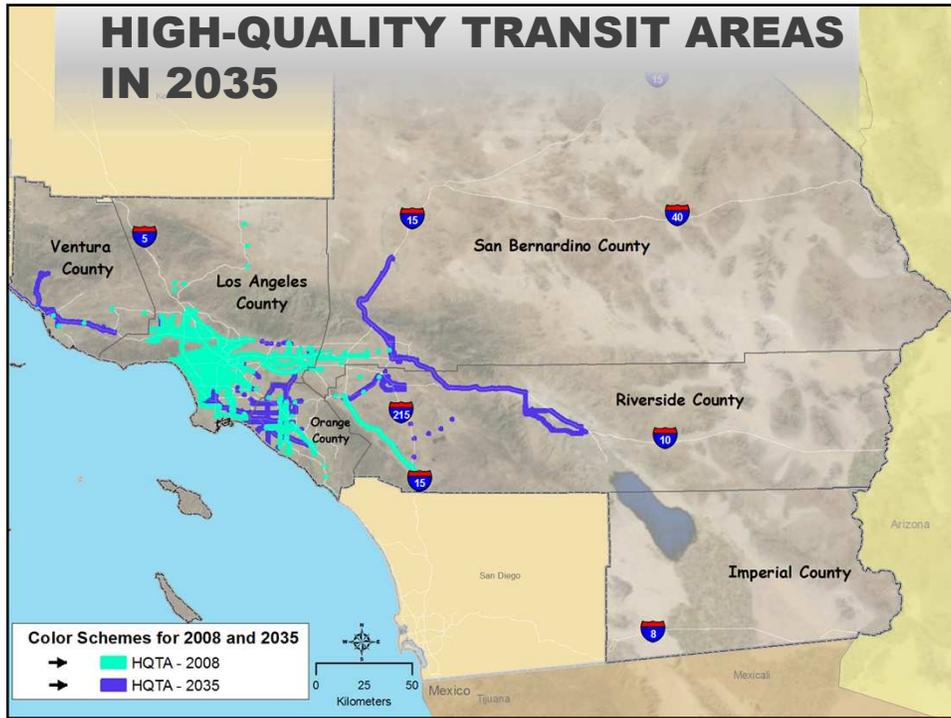
16

BETTER TRANSIT ACCESSIBILITY

- Expanded high quality transit areas through infrastructure and service improvements
- Over half of new homes and jobs within walking distance of transit

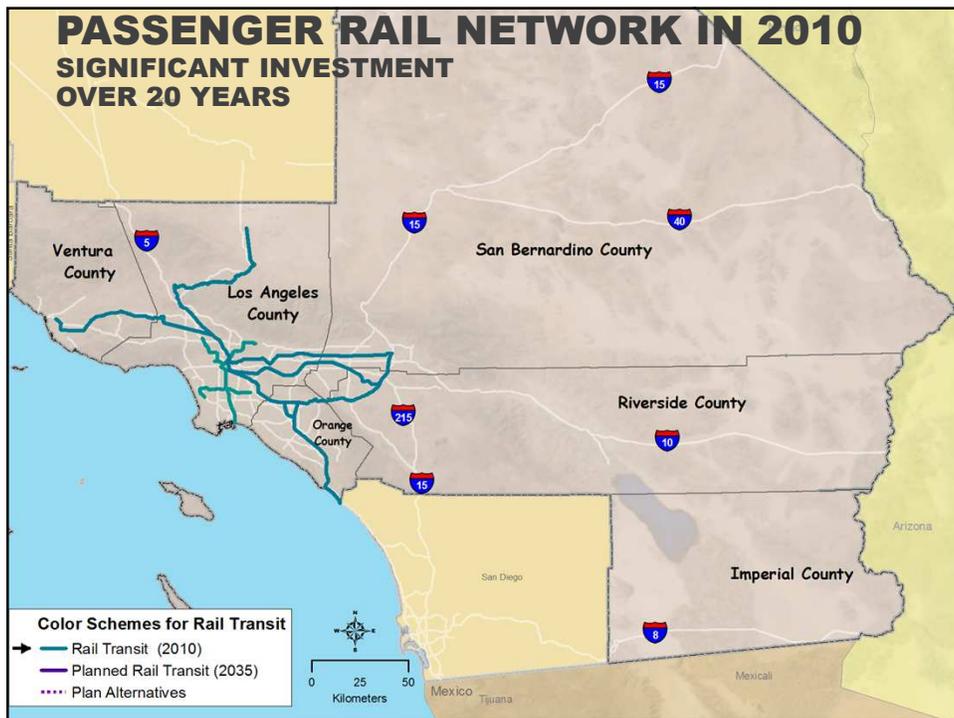
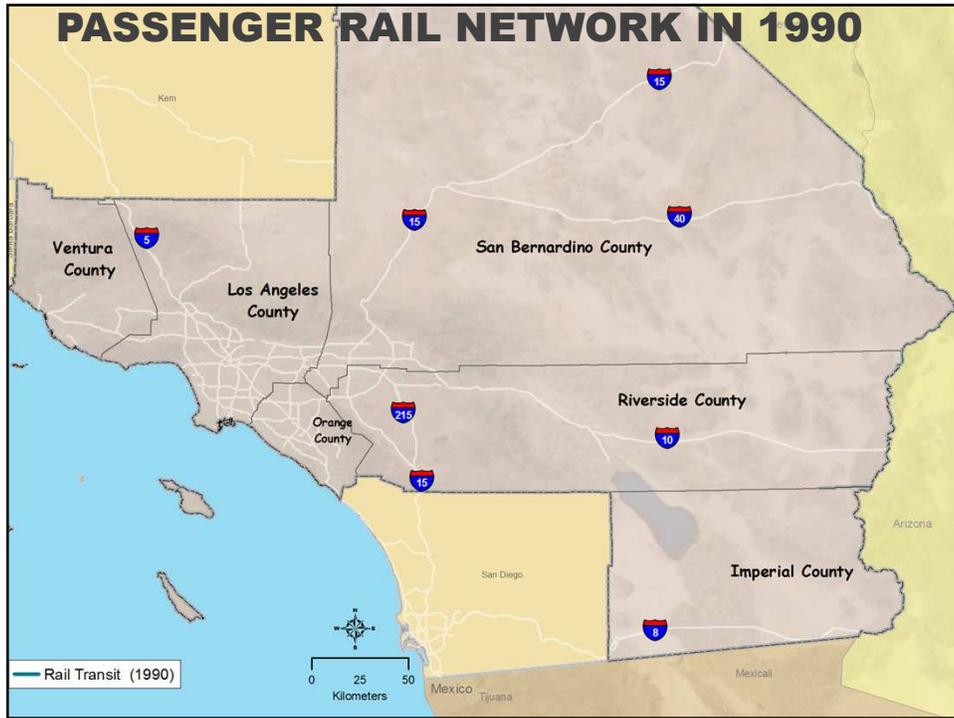
17

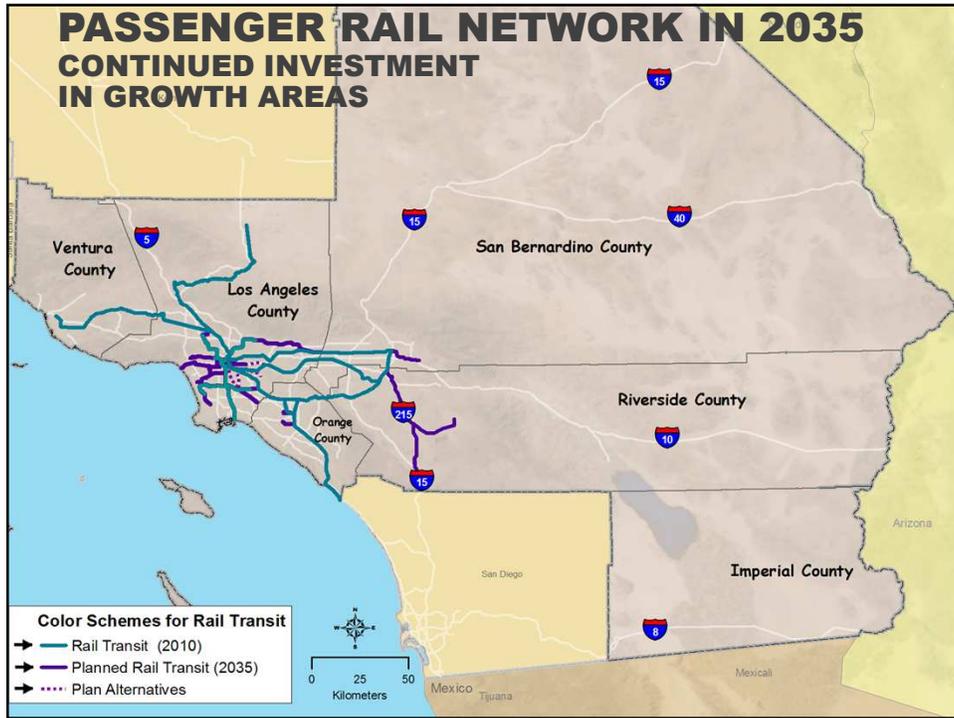




RAIL AND BIKE/WALK

- *Investments in rail and active transportation complement the transit strategy*
- *Passenger rail network would grow*
- *Bike and walk infrastructure would improve access to transit*



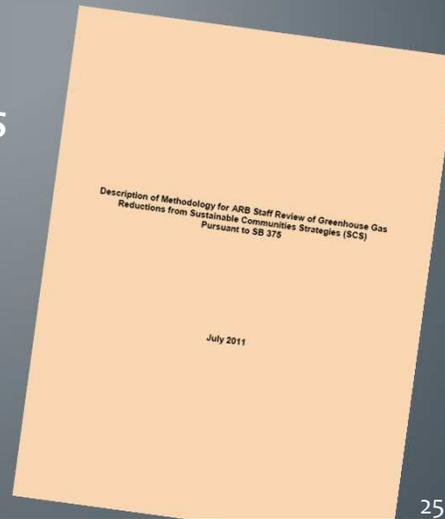


STAFF'S TECHNICAL EVALUATION

*ARB's evaluation methodology and
results of SCAG's SCS review*

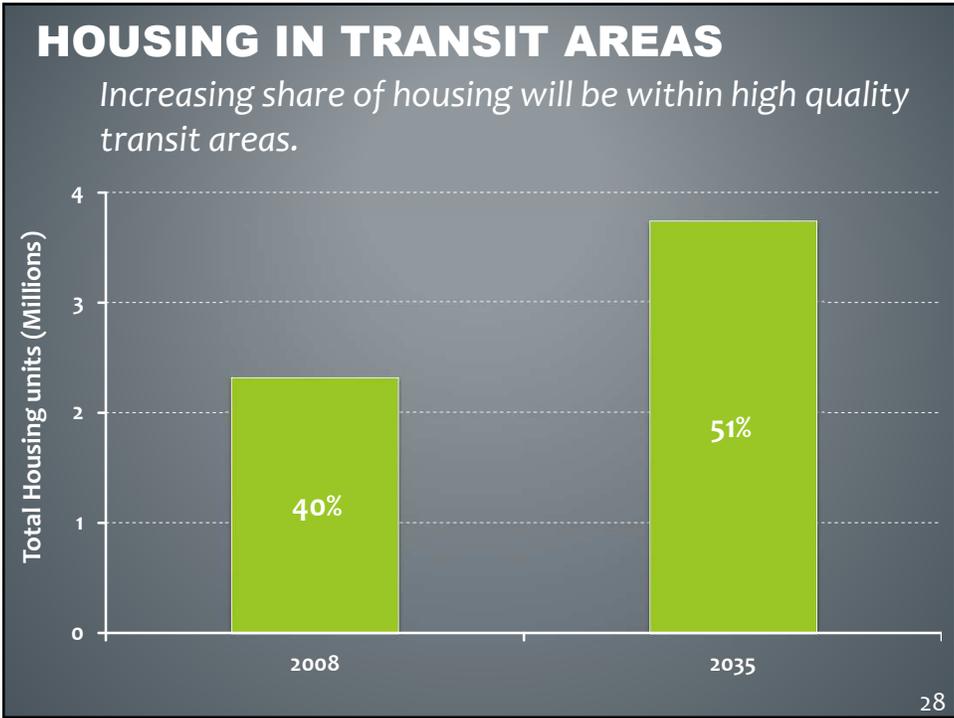
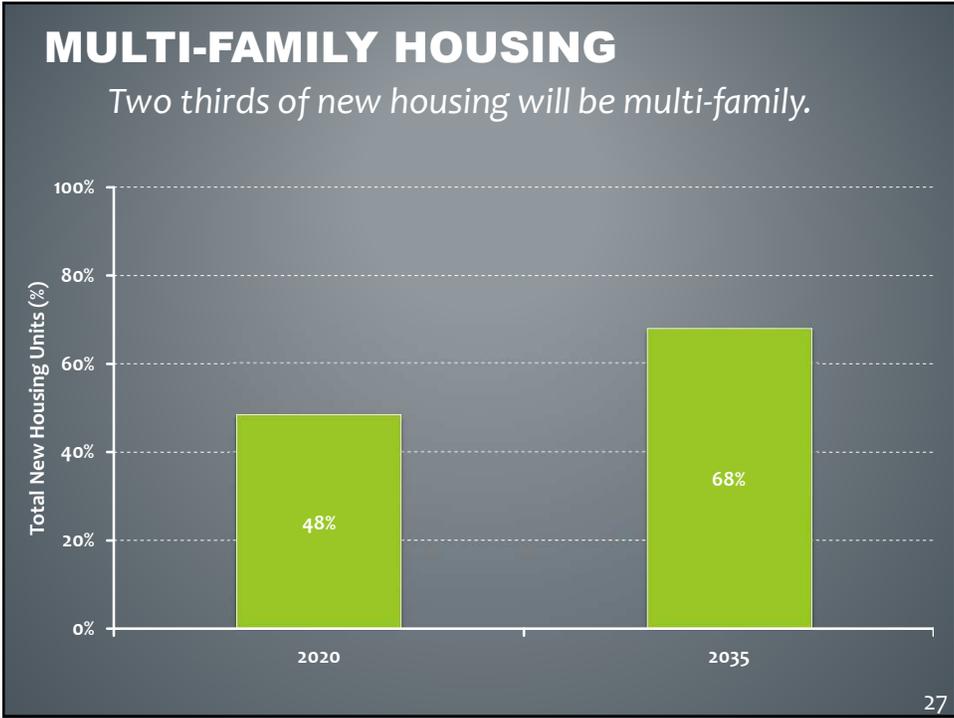
ARB TECHNICAL REVIEW METHODOLOGY

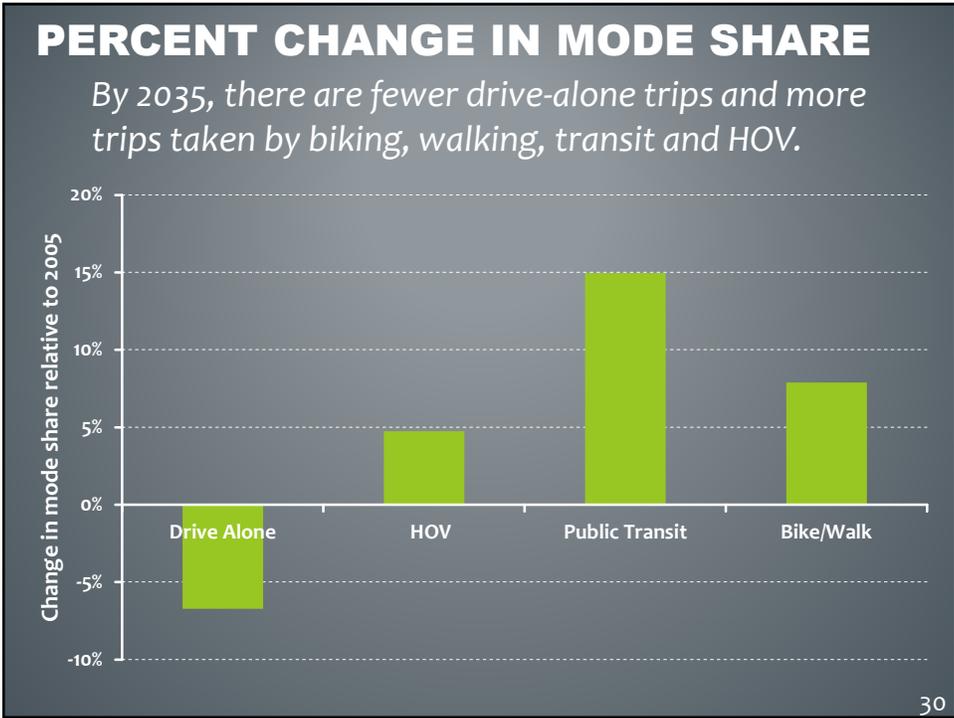
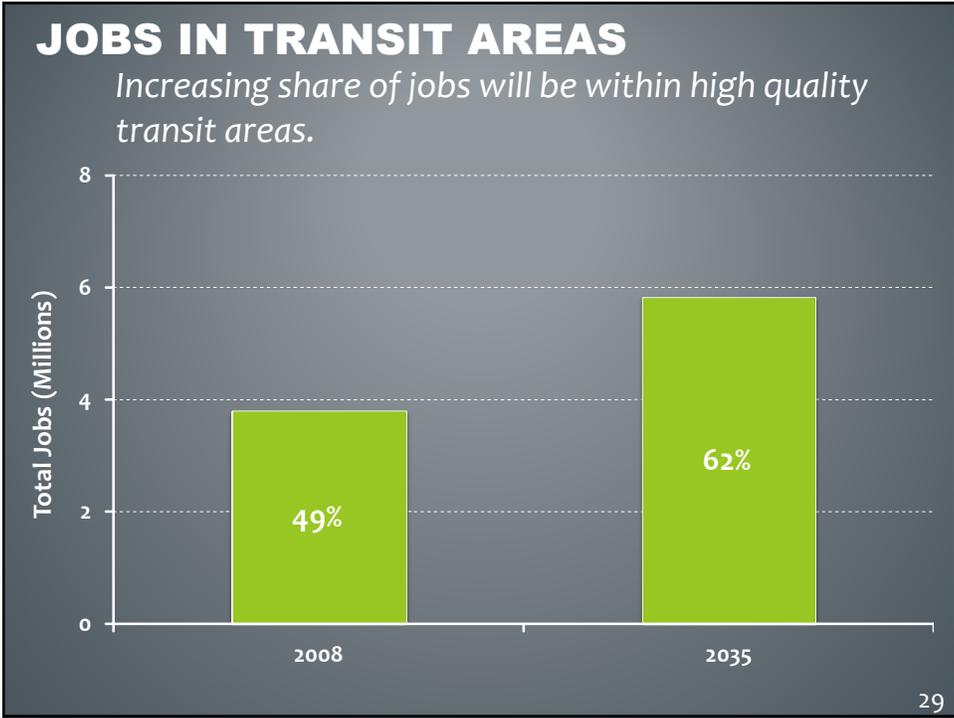
- *Designed to evaluate the accounting of greenhouse gas reductions from an SCS*
- *Key components of review*
 - *Modeling tools*
 - *Data inputs and assumptions*
 - *Modeling sensitivity tests*
 - *Performance Indicators*
- *Review tailored to regions*



SCAG MODELING TOOLS AND ASSUMPTIONS

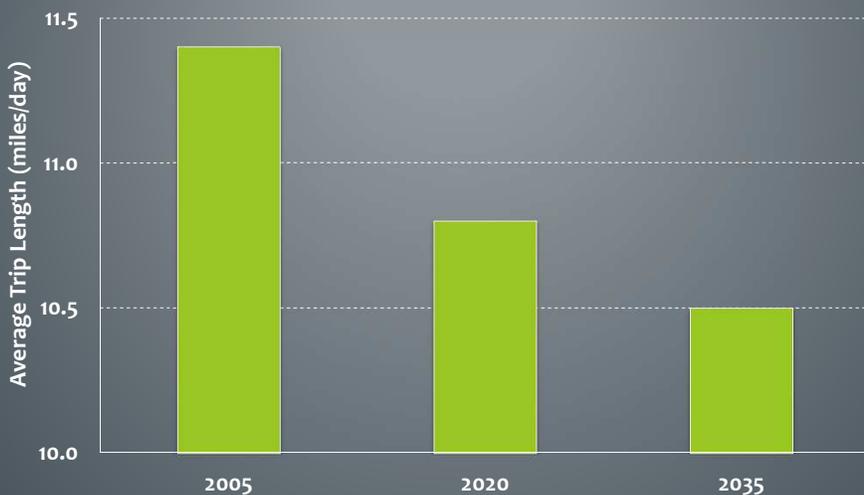
- *Staff reviewed SCAG's model documentation and technical analyses*
- *Staff evaluated regional performance indicators to confirm they are changing over time as expected*
- *The documentation supports SCAG's determination that the draft SCS meets the targets*





AVERAGE AUTO TRIP LENGTH

*Average auto trip length decreases over time.
Small change can result in large regional change.*



31

PER CAPITA VEHICLE MILES TRAVELED

Per capita VMT decreases.



32

SCAG'S RTP/SCS GREENHOUSE GAS REDUCTIONS (PERCENT PER CAPITA FROM 2005)

	ARB Target	SCS Achieves
2020	8	8
2035	13	16

33

NEXT STEPS



- SCAG submits Final RTP/SCS to ARB
- If the Final differs from the Draft, ARB reviews Final SCS
- Executive Officer accepts or rejects MPO determination

34