

DRAFT

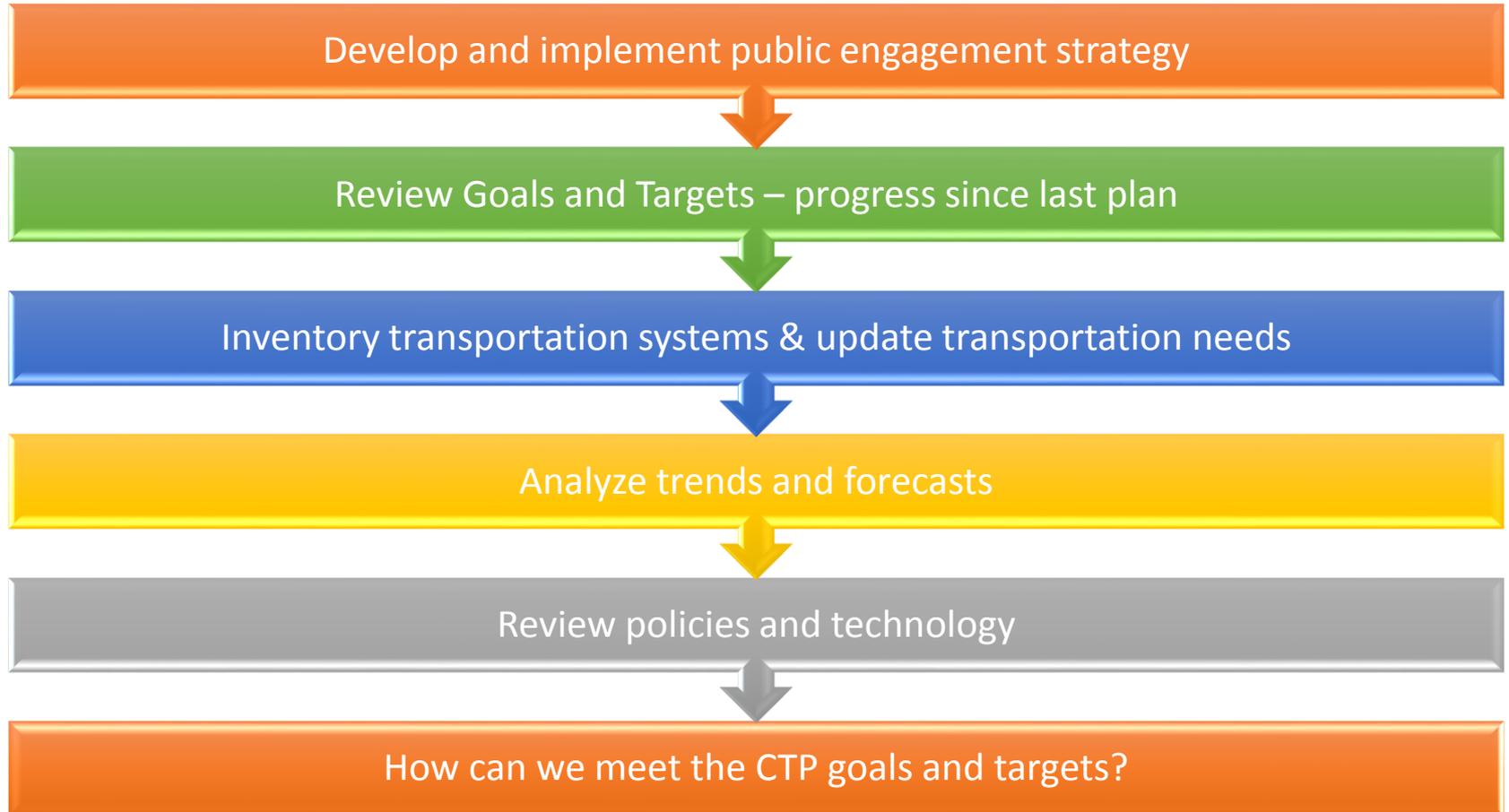
July 2016

Moving Forward 2040

Comprehensive Transportation Plan



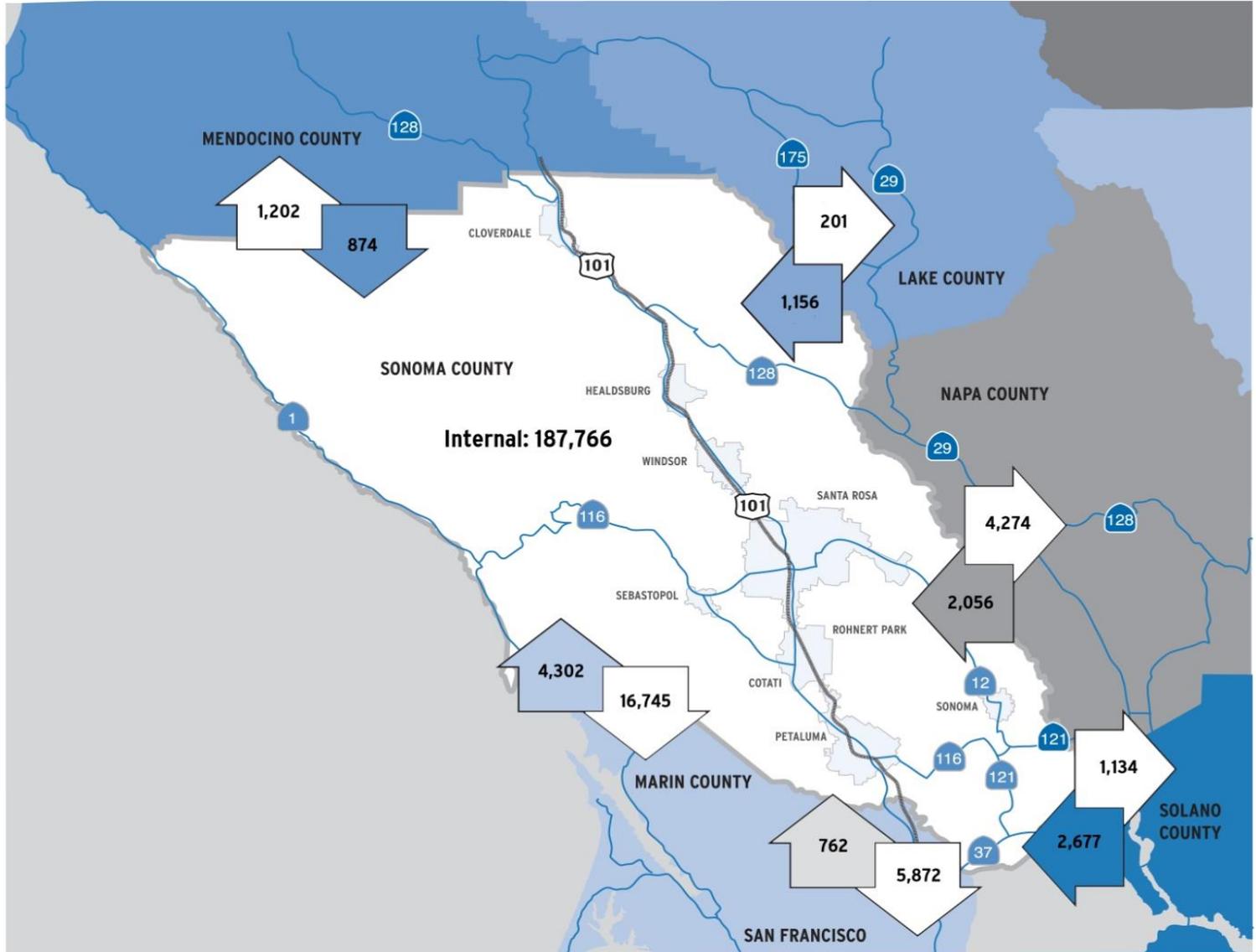
CTP Development Process



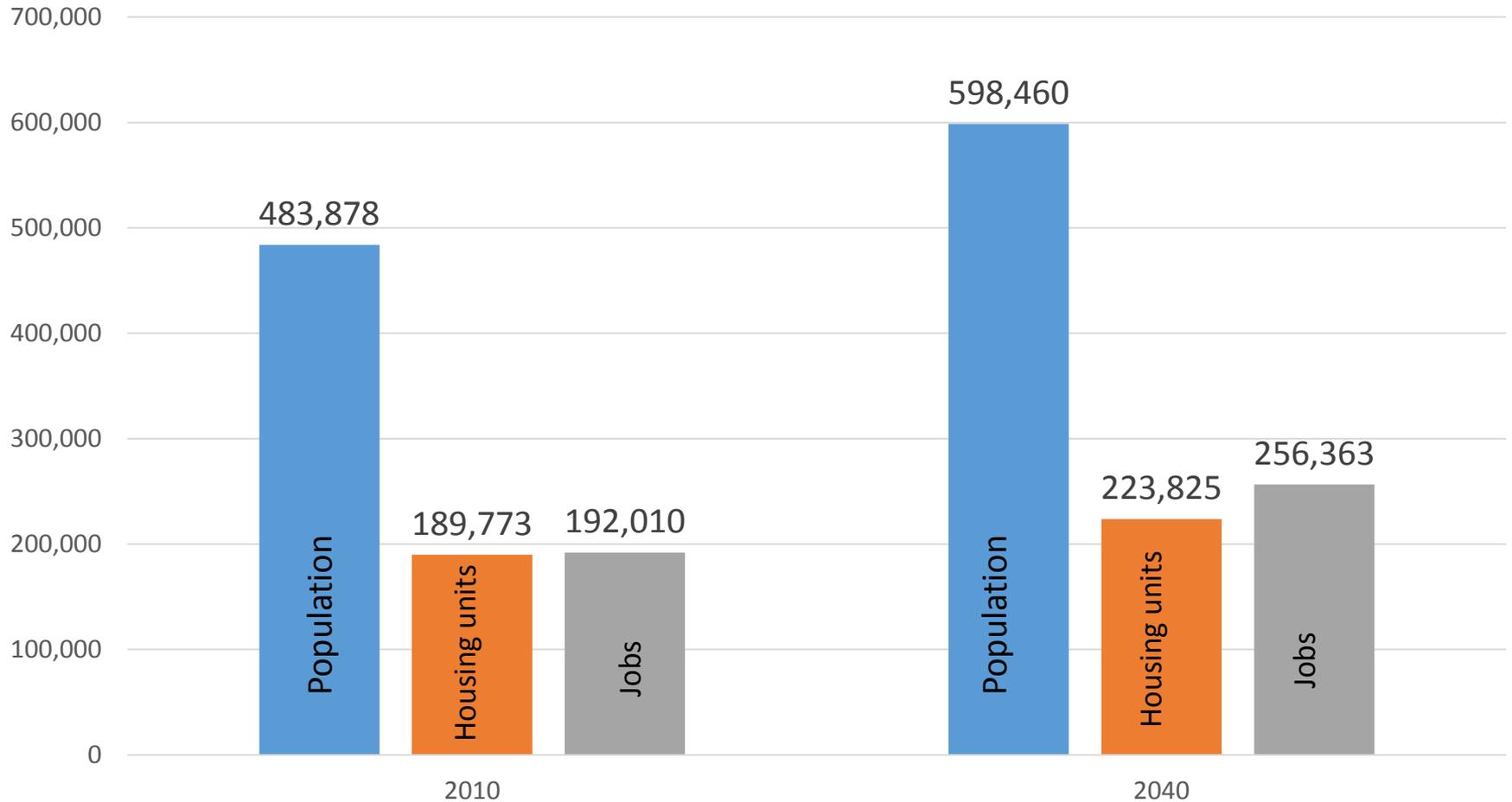
What we heard – vision for 2040

- “The state of repair of Sonoma County Roads is horrendous. Other local counties seem to find the resources, why can't we?”
- “Bus services need to be increased, both routes and trip frequencies.”
- “Expand SMART to Cloverdale!”
- “I ride a bike everyday everywhere because I can't afford a car. I always feel unsafe riding my bike with cars.”
- “I currently drive an electric vehicle. There are a bunch of charging stations around but we need them in places that make sense.”
- “It will be important that we have planned ahead and put in infrastructure that allows us to continue living and creating communities that will support our children.”

Commute to Work (2013)



FORECASTS 2010 - 2040



Transportation System

Roads

- Highway 101 project will be completed in the next 10 years. Highway 37 is just beginning.
- Streets, roads and bridges need repair and maintenance
- Many city streets become congested during peak commute times, school bell times, and special events.

Transit

- Santa Rosa Downtown Transit Mall serves 30 routes and over 10,000 passengers a day.
- SMART begins service in 2016
- Transit stations / Station Area Plans in most cities
- Clipper fare, Real time information

Transportation System

Bicycle & Pedestrian

- Total existing facilities 257.7 miles,
- Total proposed – 1,132.3 miles.
- Complete streets policies and implementation.

Innovation and Trends

- Shared mobility
- Connected and autonomous vehicles
- Electric vehicles
- Increased telecommuting
- Digital communication
- Real time travel information

Comprehensive Transportation Plan Goals

Maintain the
System

Relieve Traffic
Congestion

Reduce GHG
Emissions

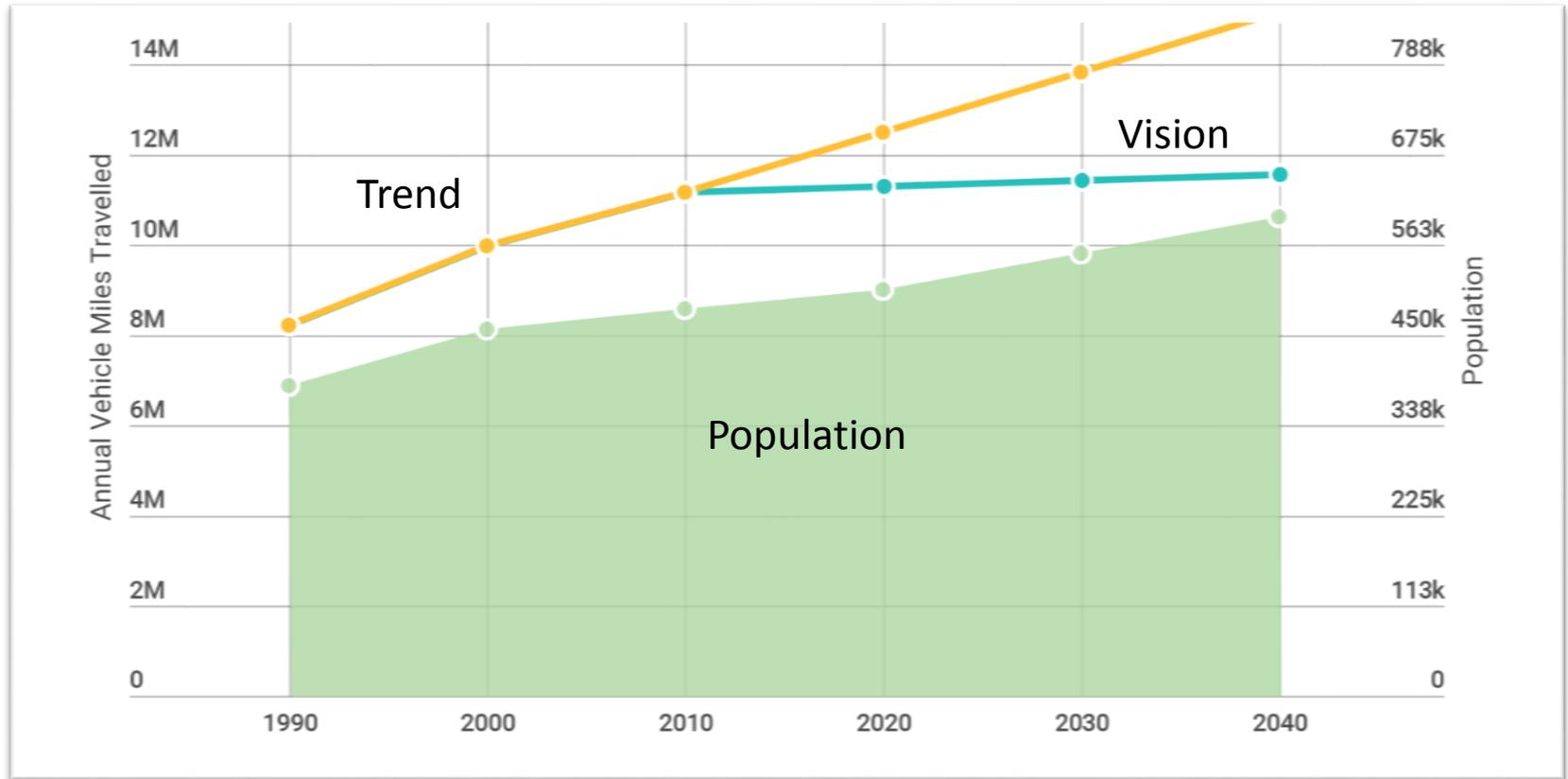
Plan for Safety
and Health

Promote
Economic
Vitality

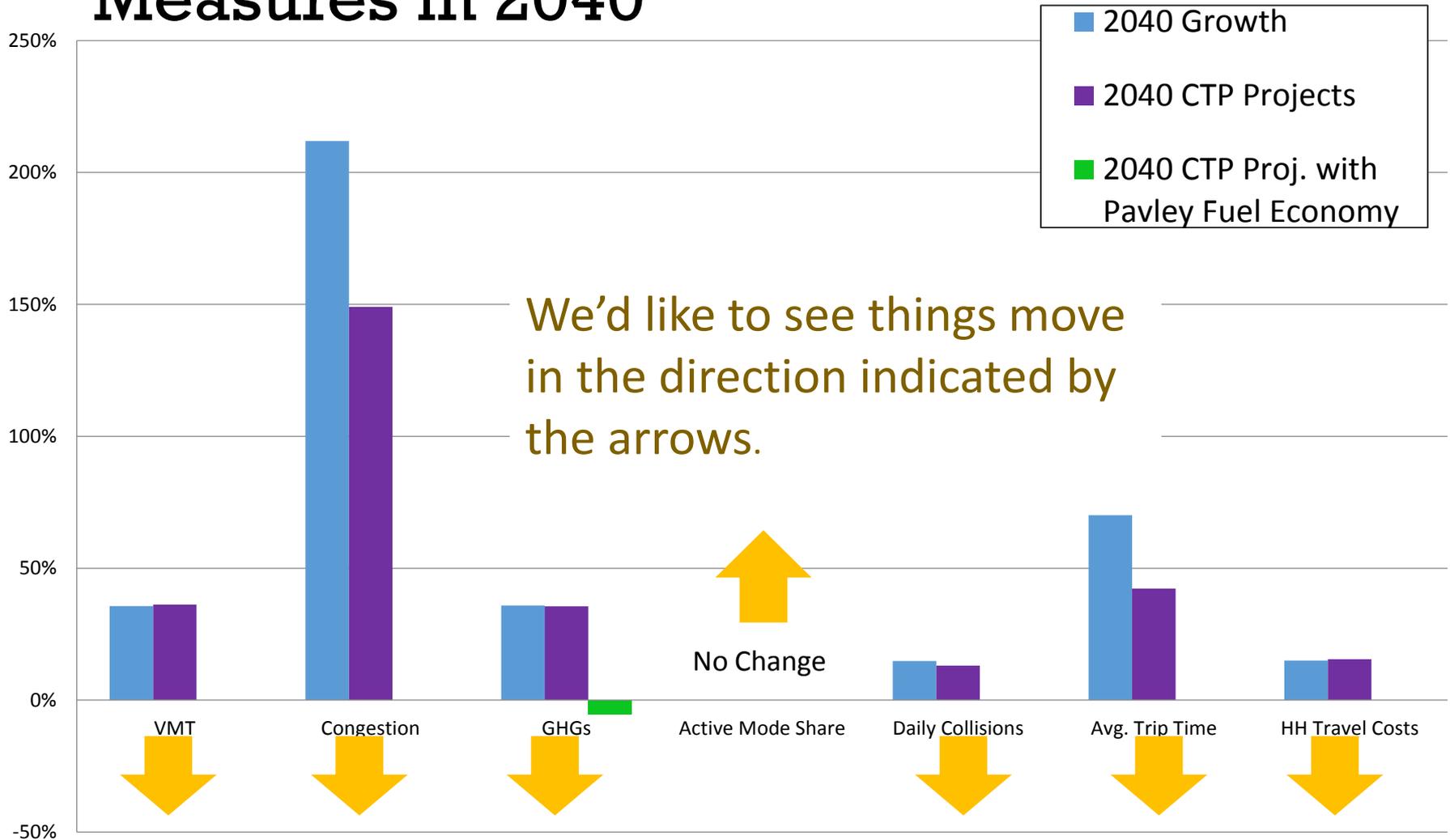
Transportation Projects

Project Type	Number of projects	Cost in \$M	Known Funding in \$M
Bike/Walk	77	\$452.52	\$11.05
Bridges	5	\$99.00	\$16.09
Highway	23	\$907.50	\$269.00
Tech Solutions	2	\$6.90	\$0
Local Road projects	66	\$687.57	\$57.98
Local Road Rehab	18	\$2,119.32	\$0.20
Programs	2	\$46.00	\$8.75
Transit Maintenance	10	\$1,724.37	\$1719.65
Transit Expansion	21	\$692.62	\$3.55
Totals	249	\$6,085.06	\$1,380.14

Population has a significant impact on the vehicle miles traveled. The CTP Vision will lessen that impact.



Project Impact on CTP Performance Measures in 2040



Key findings

- Population growth drives increase in VMT.
- There are many transportation projects that provide significant local benefits but do not impact the entire county.
- Planning for growth will make a difference in meeting the goals.
- Transportation projects alone will not accomplish the CTP goals. Policy change, at all levels of government, and change in behavior is necessary to meet all of the goals.
- Funding is an ongoing challenge.

Looking Forward to implementation, how can we meet 2040 targets?

Funding

Selected
transportation
improvements

Vision transit
improvements

City-centered/
PDA focused
growth

Trip
Reduction

Increased
Transit
Ridership

Shift to
walking and
biking

Vehicle and fuel
efficiency
improvements

55 MPG or better
vehicle fuel
economy

Transportation Funding Need

\$5 billion

for 25 years

\$2 billion in road maintenance alone

Next steps

- Open House – July 13 at 490 Mendocino Ave, Santa Rosa
- Public review – comments due by August 16
- Final document and EIR addendum anticipated to SCTA for adoption September 12

Moving Forward 2040 Draft Comprehensive Transportation Plan



Open House

5-7pm, Wednesday, July 13, 2016
490 Mendocino Ave., Santa Rosa, CA

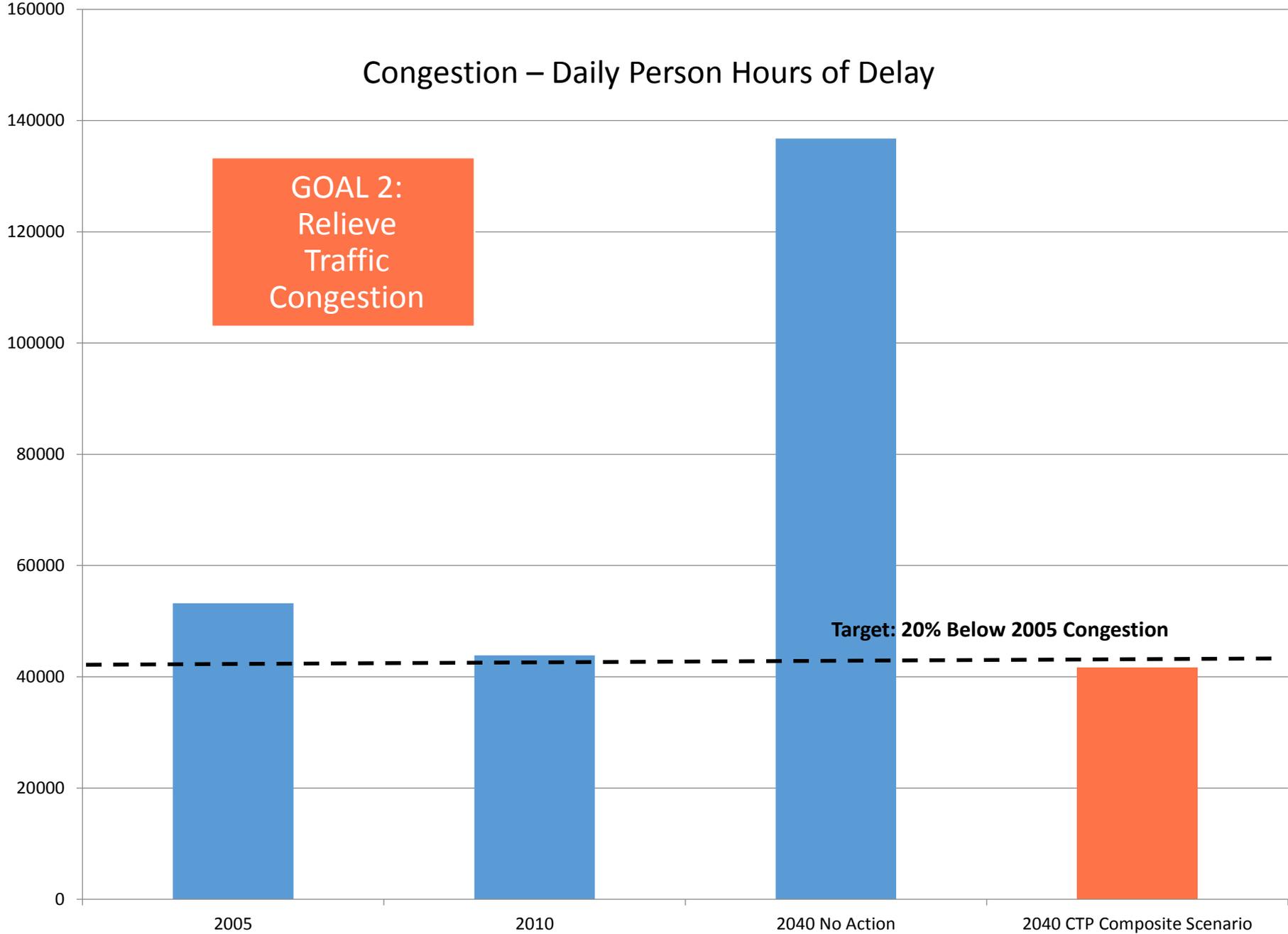
- * Learn more about the Draft Comprehensive Transportation Plan
- * Review the latest transportation trends and forecasts with staff
- * Hear about other planning efforts to expand transportation options



<http://scta.ca.gov/ctp>

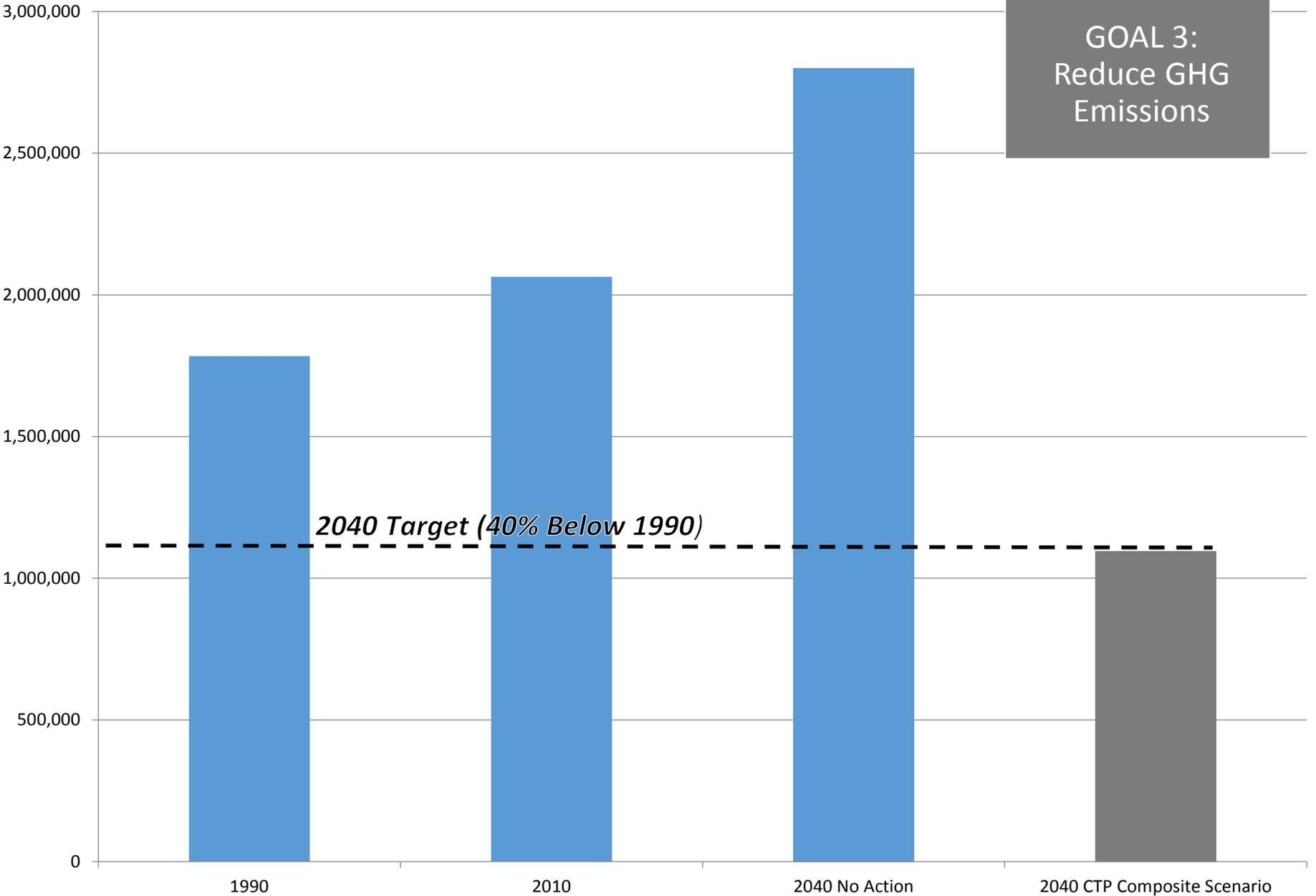
View the CTP at the
SCTA website above.
This is also one of the
places to comment on
the plan.

Congestion – Daily Person Hours of Delay



Goal 3: Reduce GHG Emissions

GOAL 3:
Reduce GHG
Emissions



2040 Target (40% Below 1990)

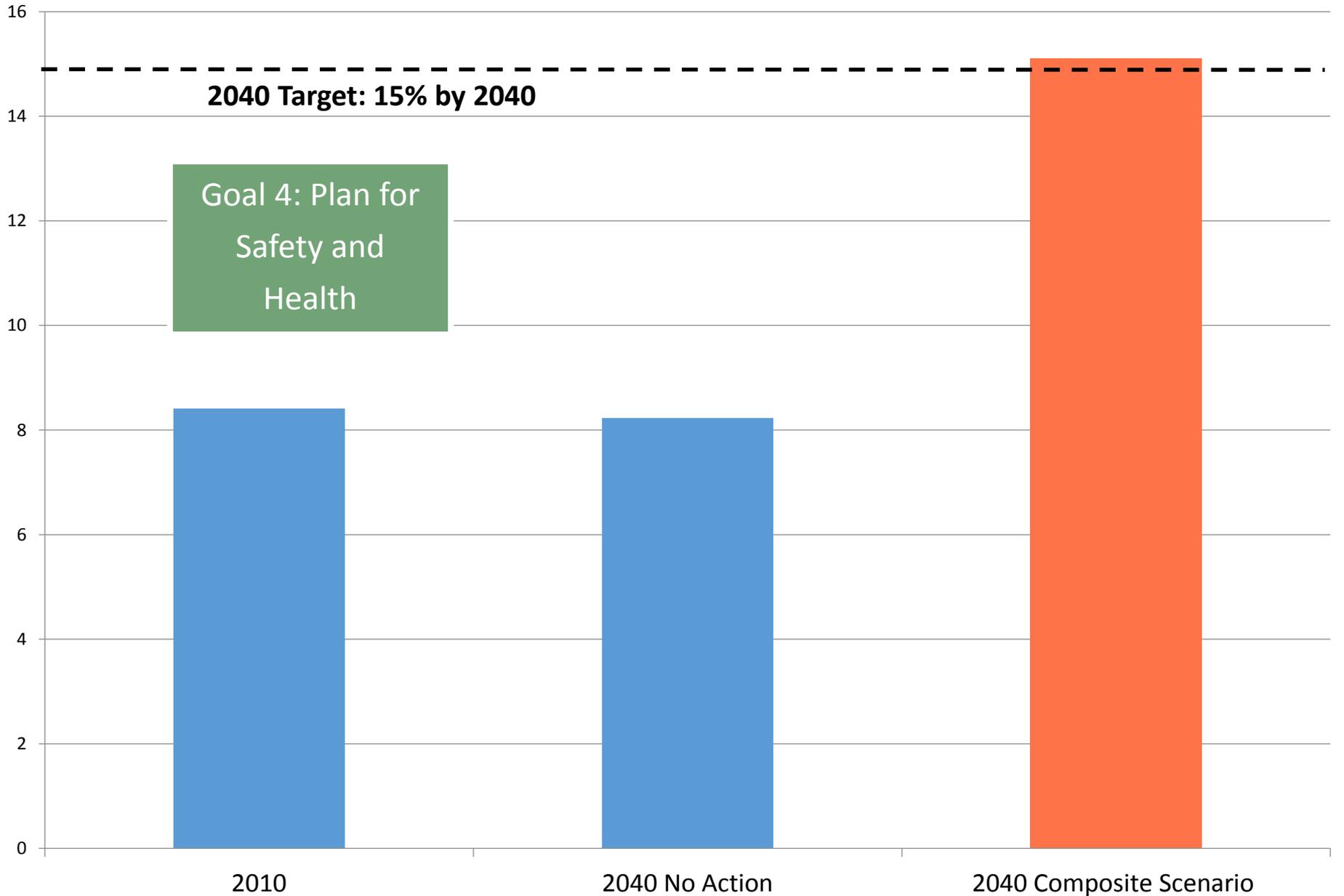
1990

2010

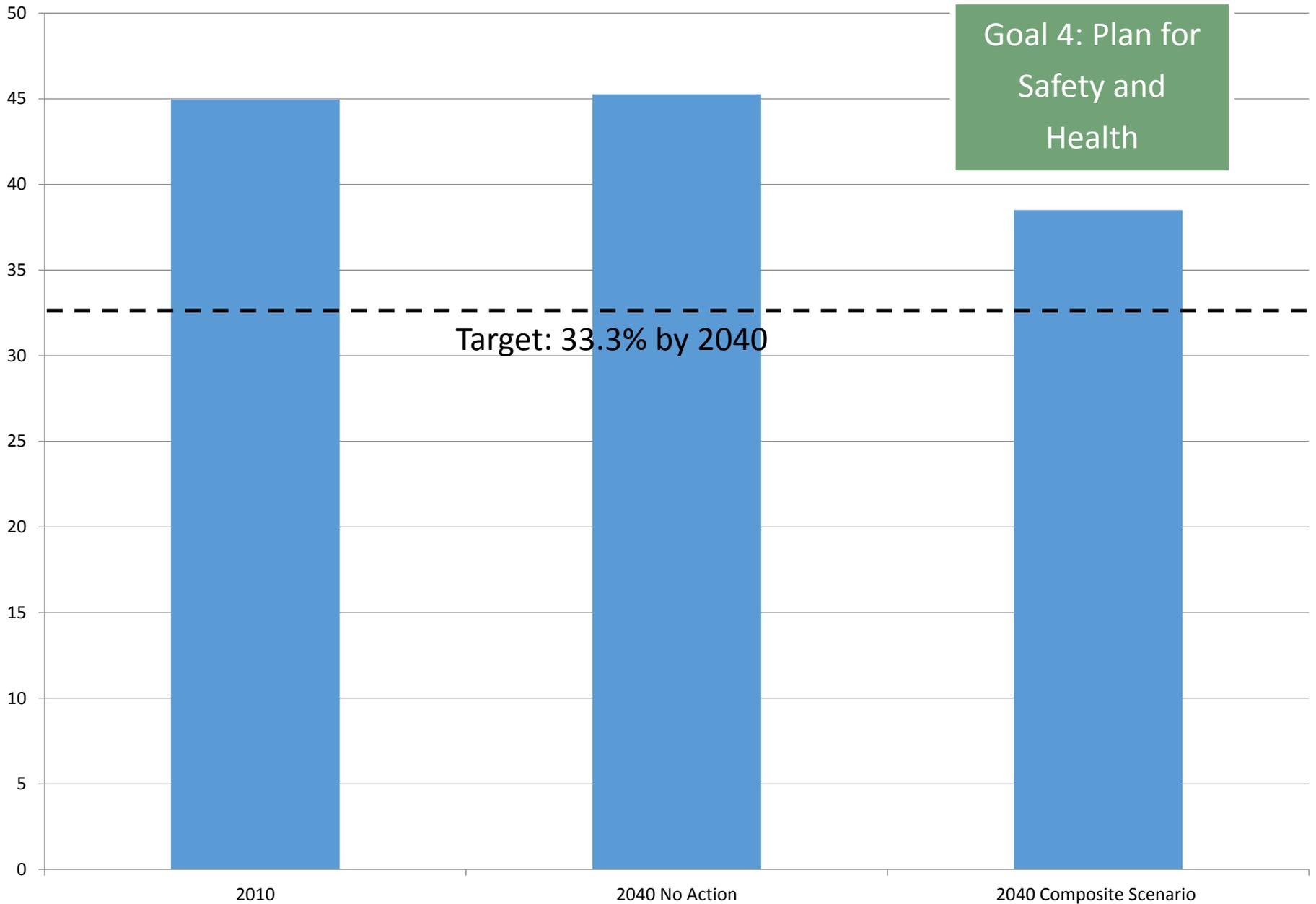
2040 No Action

2040 CTP Composite Scenario

GOAL 4: Safety & Health - % Walk, Bike, Transit



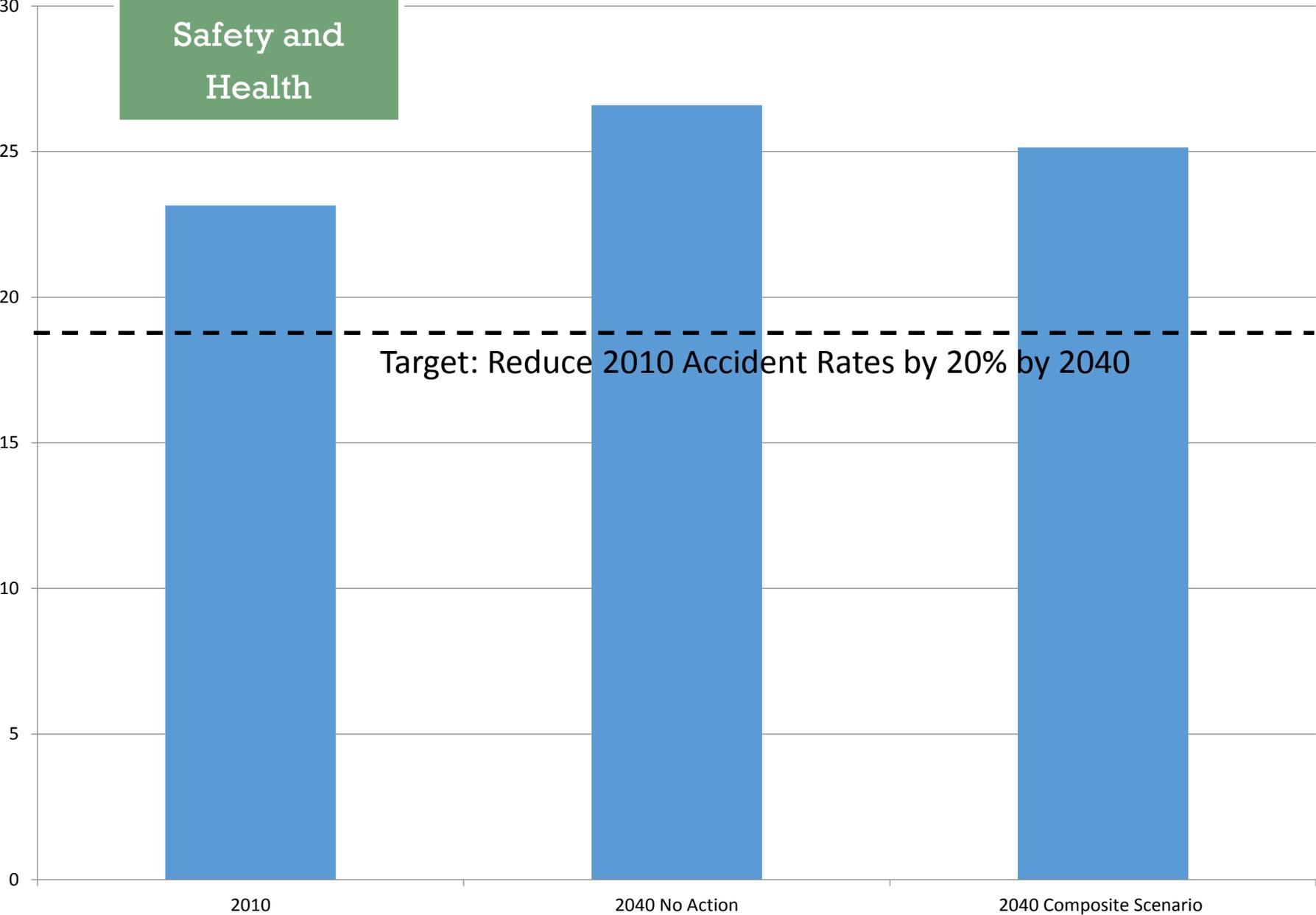
% Drive Alone



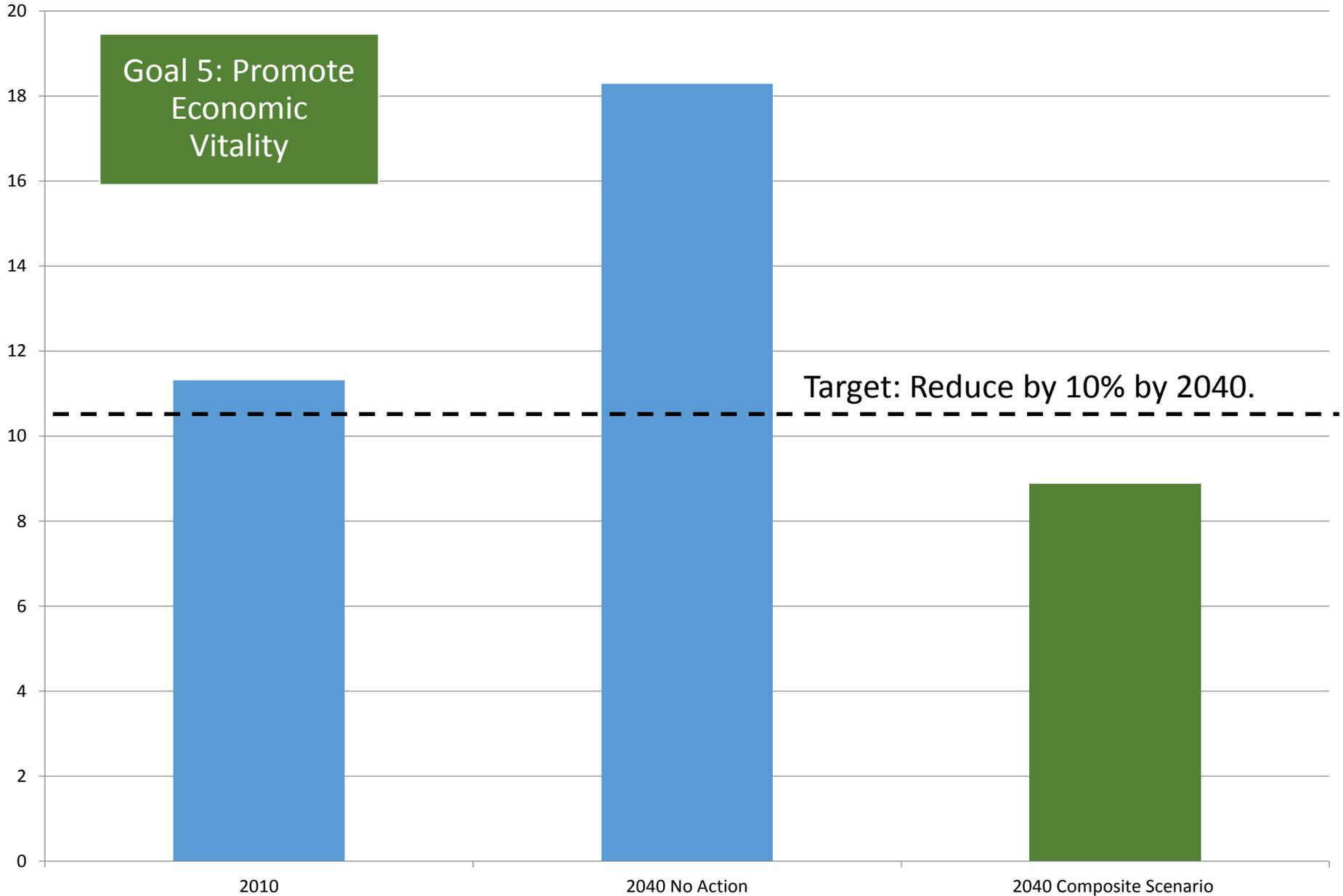
Accidents/day

Goal 4: Plan for
Safety and
Health

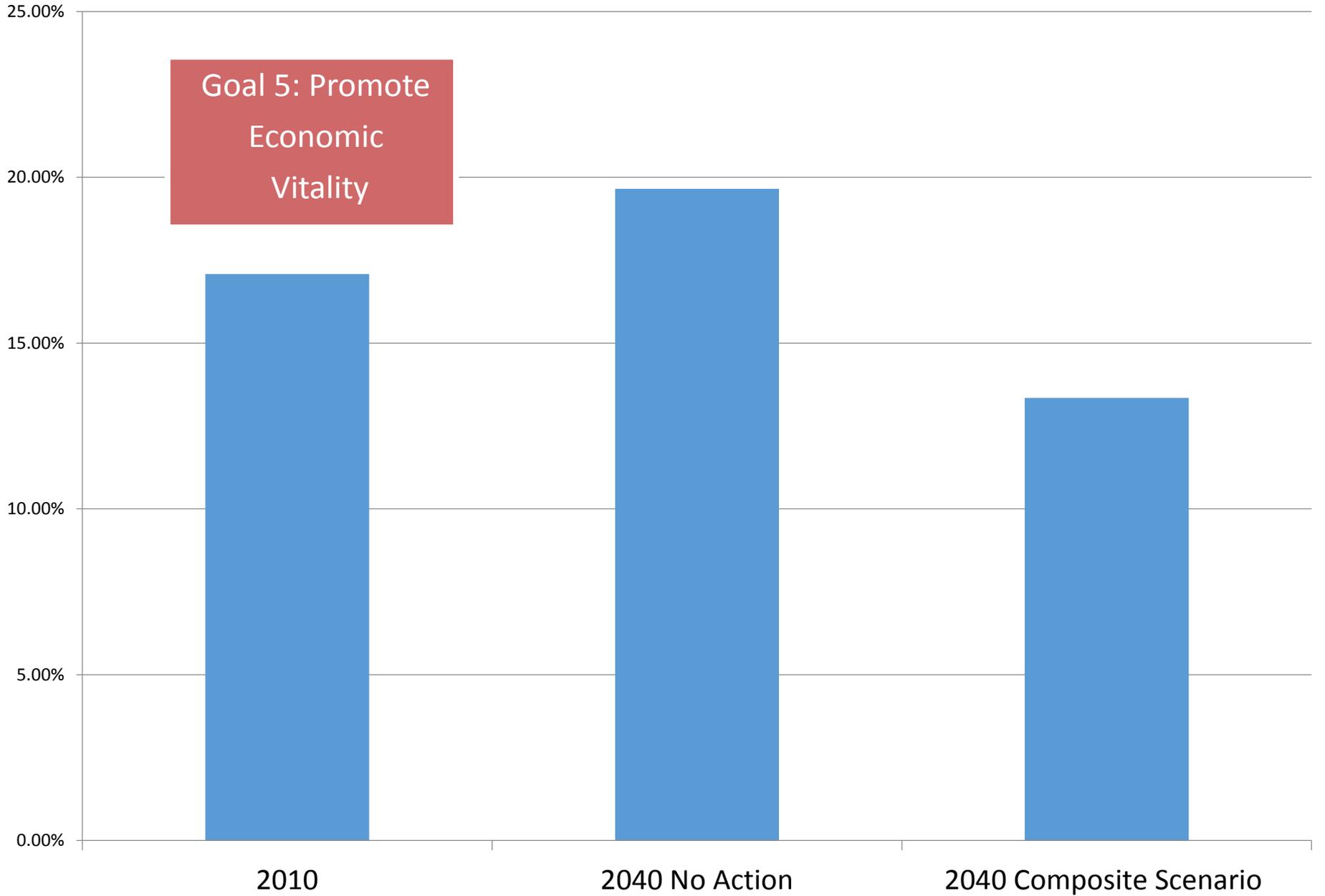
Target: Reduce 2010 Accident Rates by 20% by 2040



PM Avg Trip Length (minutes)



% of HH Budget – Transportation Costs



Impact of growth alone on performance measures in 2040 compared to 2010

