





Fresno Council of Governments

**SUSTAINABLE COMMUNITIES STRATEGY –
SCENARIO SELECTION**



Over the next 25 years, about 350,000 more people will call the Fresno region home - more than 1.3 million by 2040

We need to plan:

- housing
- transportation
- continued economic opportunity

Concern for

- environment
 - most vulnerable residents
- 



Fresno Council of Governments



Who we are and what we do:

- association of local governments - 15 cities and the County of Fresno, formed in 1967
 - regional transportation planning agency
 - one of 38 in California and 500+ nationwide
 - five to 25-year plans for transportation-related activities
- 



RTP = Regional Transportation Plan

- A 25-year master plan for transportation needs
- Outlines a plan to build and fund projects



RTP – SCS

- Sustainable Communities Strategy (SCS)
 - One of the RTP's major considerations
 - Works to combine land use and transportation strategies for our growing population
 - Strives to minimize our carbon footprint



Sustainable Communities Strategy

Includes:

- multiple housing options
- transportation options to suit a wide range of jobs and individual lifestyles
- air quality improvement


Must:

- meet GHG reduction targets





Questions we must ask

- To do this, we first have to decide:
 - which growth strategies are best for our region's sustainability and values?
 - should we emphasize air quality and health?
 - what about housing choices?
 - conserving farmland?
 - where does transportation fit in?
- 

What are the 4 scenarios?

Each of the four scenarios seeks, in slightly different ways, to make our region more sustainable and a better place to live into the future.

SCS Scenarios



About the four Sustainable Communities Strategy Scenarios

Each of the four scenarios makes our region more sustainable in slightly different ways. While the scenarios vary in which values and strategies take priority over others, they are all united in a desire to improve our quality of life. Please take a moment to explore each of the four options and go online by November 9, 2017 to tell us which scenario you prefer at www.YourVision2042.com.

A Scenario A focuses on maintaining our existing roadways, improving air quality, and making life easier for our most vulnerable communities. In fact, Scenario A provides a balanced vision that seeks to maximize our transportation investments. With this scenario, residents are provided with a range of transportation options – such as carpooling, vanpooling, buses, and other ridesharing options, making it possible to get where you need to go without always having to rely on your private vehicle.



C Scenario C reinvests in our region's more disadvantaged communities by providing improved transit services and encouraging more growth in small cities and rural locations. By focusing on the needs of these sensitive populations, Scenario C improves our disadvantaged communities' access to goods and services.



B Scenario B envisions a region where your home, your workplace, and your shopping options are all close enough that you can take the bus, walk or bike more often. This scenario focuses on investing in bike and pedestrian projects in dense urban areas to encourage people to use their cars less.



D Scenario D: We all want to travel without having to worry about delays and potholes. Scenario D increases investment in our existing streets and roads by focusing on good repair, rehabilitation, and maintenance of a clean, smoothly operated transportation system.



About the Fresno Council of Governments (Fresno COG)

Fresno COG is an association of local governments, formed in 1967, with the 15 cities and the County of Fresno making up our membership. We are the regional transportation planning agency for the Fresno County region, developing plans for transportation-related activities anywhere from five to 25 years into the future.

Look for us online at www.fresnocog.org



Fresno Council
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Scenario A

A **Scenario A** focuses on maintaining our existing roadways and improving air quality. In fact, Scenario A provides a balanced vision that seeks to maximize our transportation investments. With this scenario, residents are provided a range of transportation options such as carpooling, vanpooling, transit and other ridesharing options--making it possible to get where you need to go without always having to rely on your private vehicle.



Scenario B

B **Scenario B** envisions a region where your home, your workplace, and your shopping options are all close enough that you can take the bus, walk or bike more often. This scenario allocates more growth in the Fresno-Clovis Metropolitan area.



Scenario C

Scenario C reinvests in our region's more disadvantaged communities by encouraging more growth in small cities and rural locations. By focusing on the needs of these sensitive populations, Scenario C improves our disadvantaged communities' access to goods and services in the areas outside of the Fresno-Clovis metropolitan area.

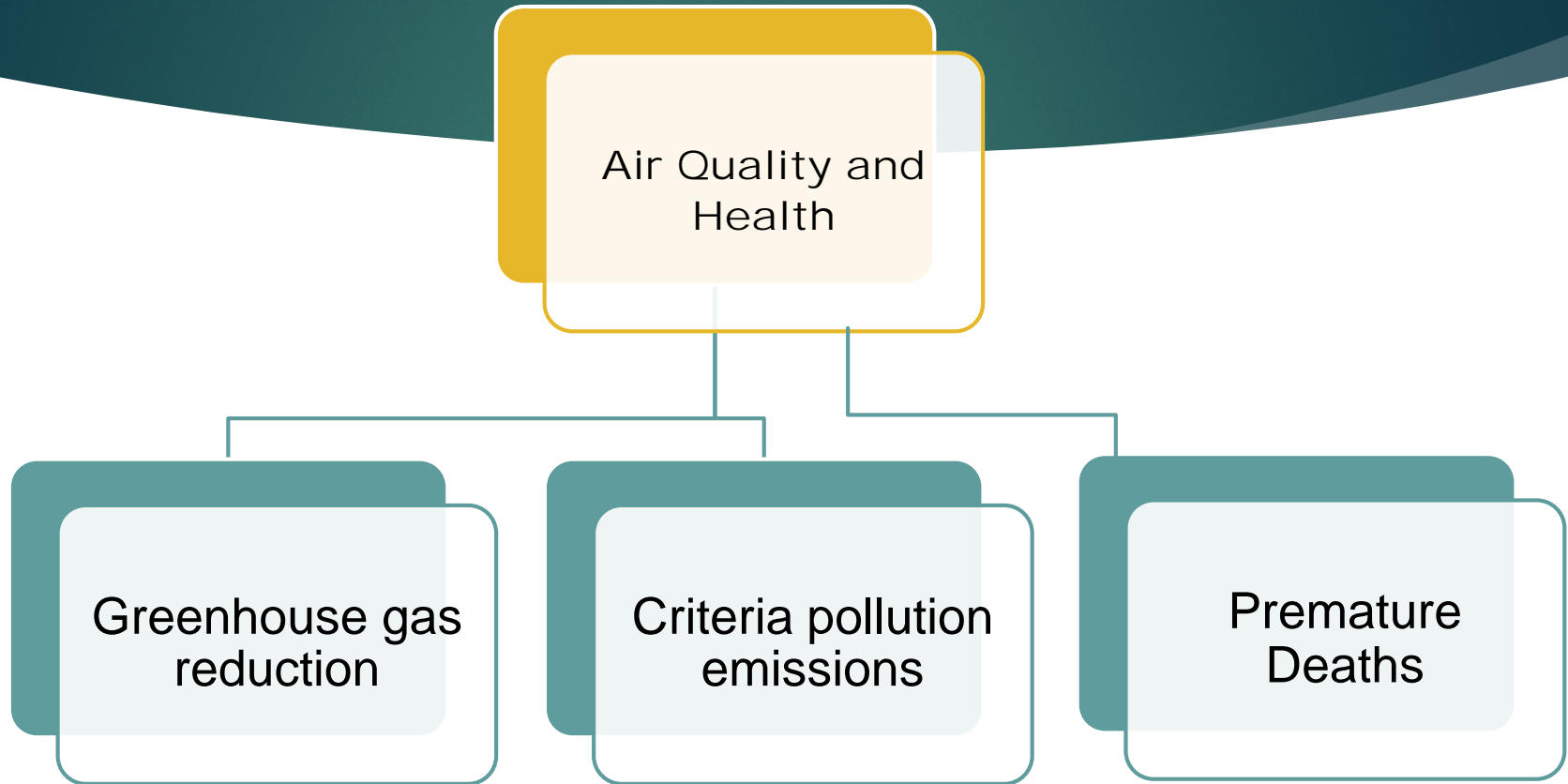


Scenario D

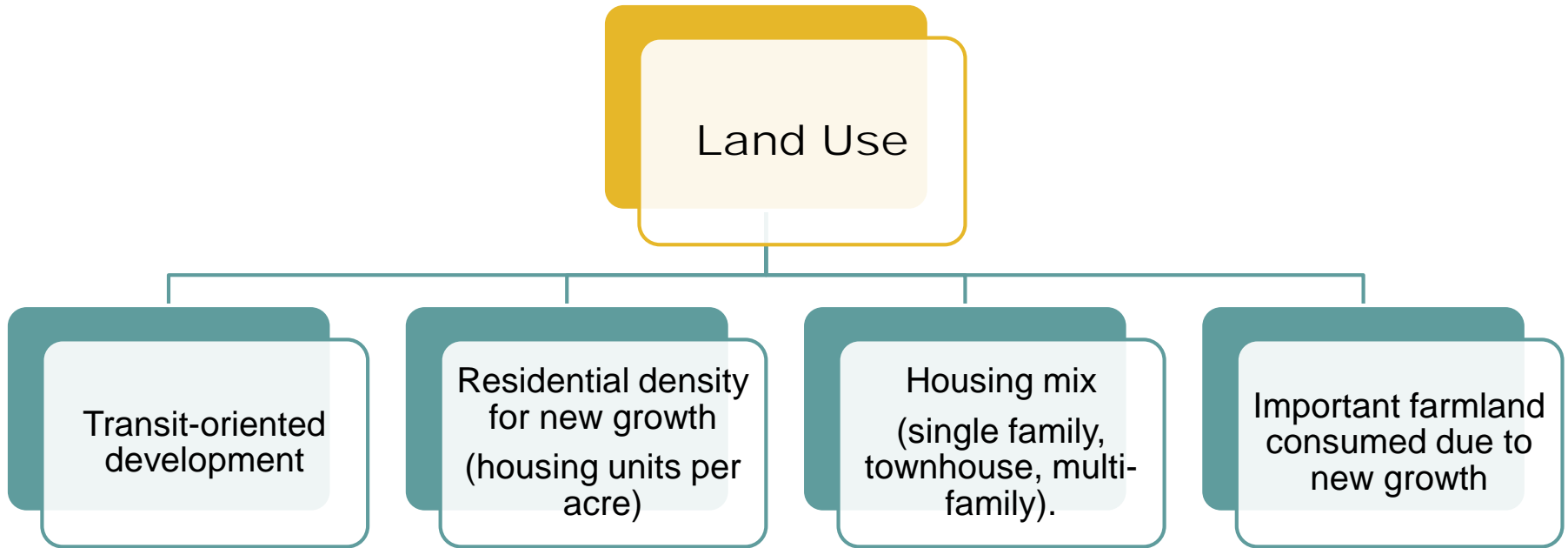
D Scenario D: We all want to travel without having to worry about delays and potholes. Scenario D focuses on good repair and rehabilitation of the existing roadway system, increasing investment by widening some roads.



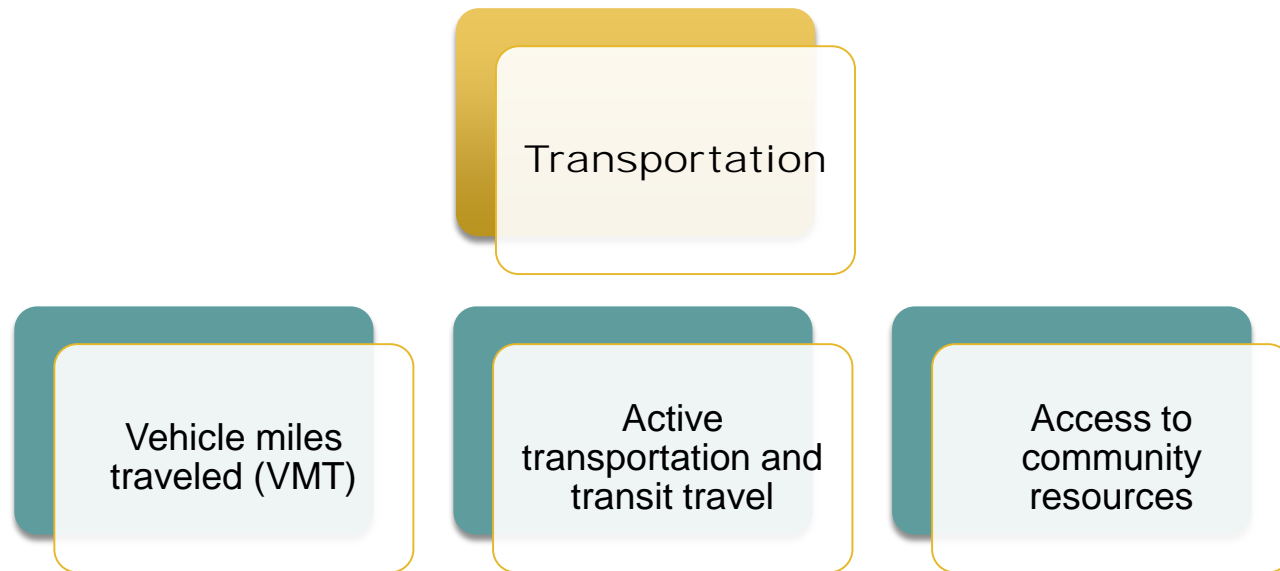
Evaluation Criteria = Indicators



Land Use Indicators:



Transportation Indicators:



The RTP-SCS Modeling Process

Step 1

- Land-Use Models

- **Cube Land:** Uses demographic and economic factors to predict future general development patterns
- **Envision Tomorrow:** Use results from Cube Land to allocate future growth at the parcel level

Step 2

- Traffic Model

- **Four-Step Travel Demand Model:** Uses the transportation network and the land-use modeling results to simulate an average travel day in Fresno County

Step 3

- Emission Model

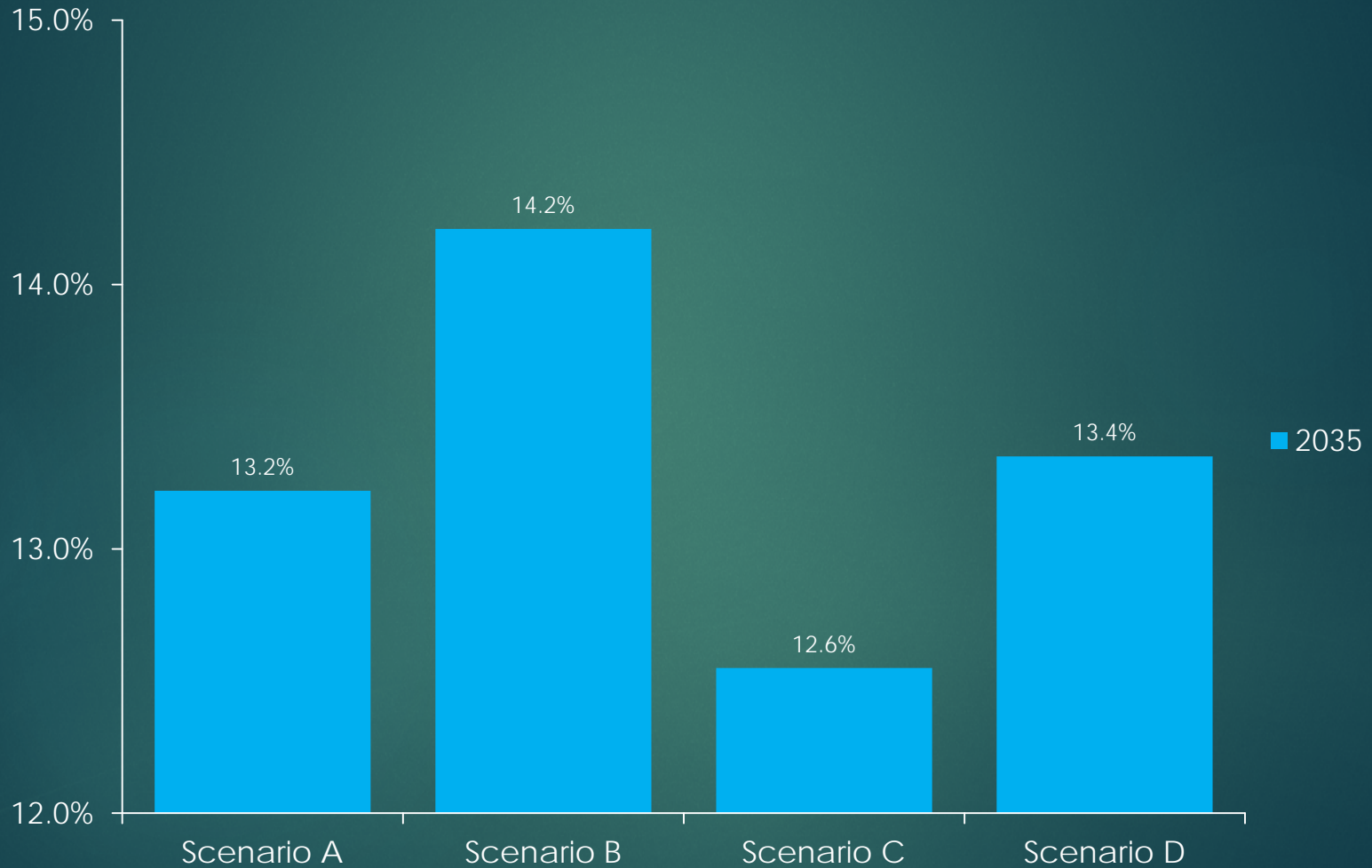
- **EMFAC:** Tool developed by the California Air Resources Board; uses results from the traffic model to determine emission rates due to vehicular travel

Step 4

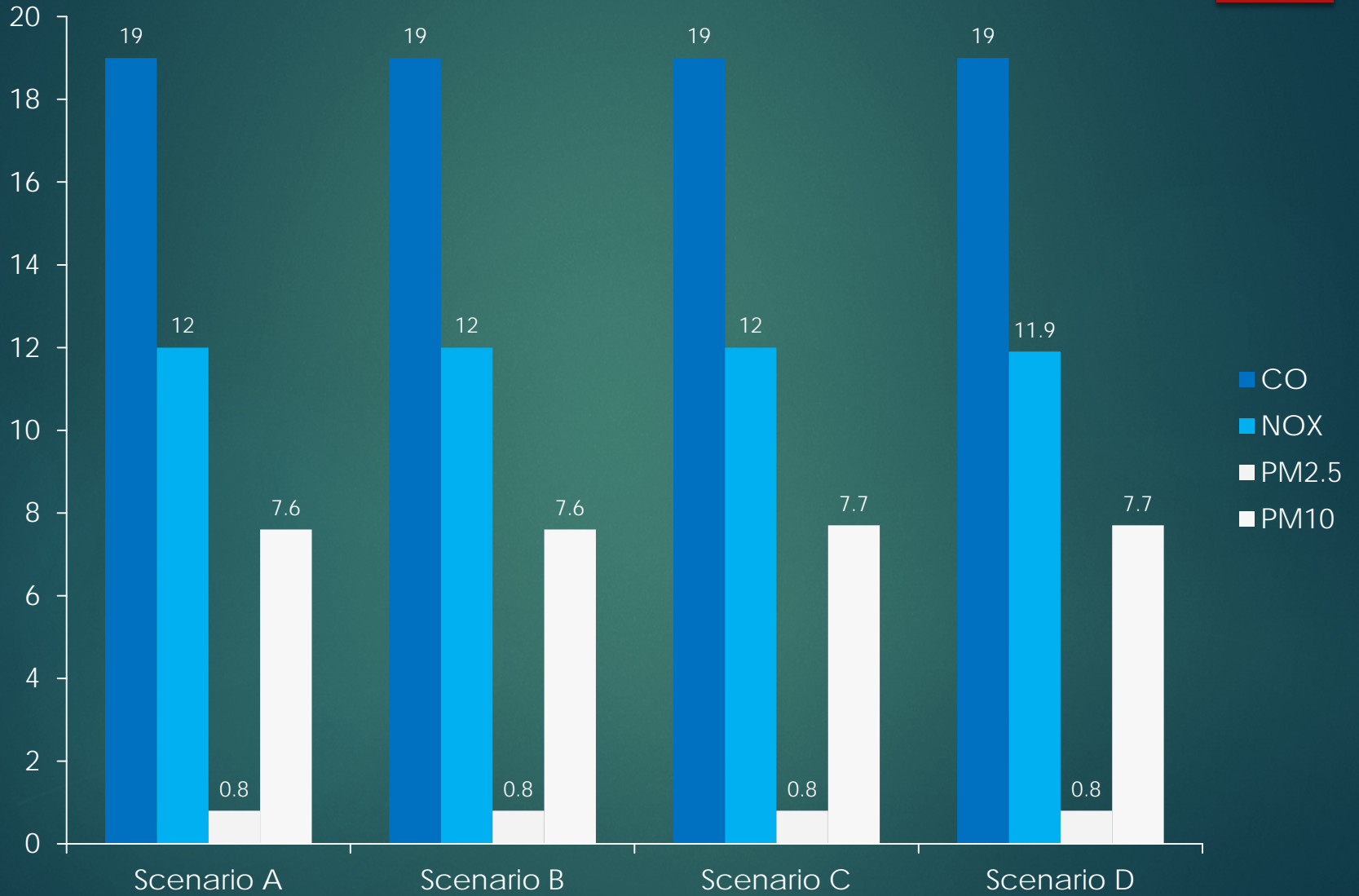
- Health Model

- **ITHIM:** Looks at the travel pattern from the traffic model (along with health burden data and collision rates) to determine Countywide health benefits due to active transportation

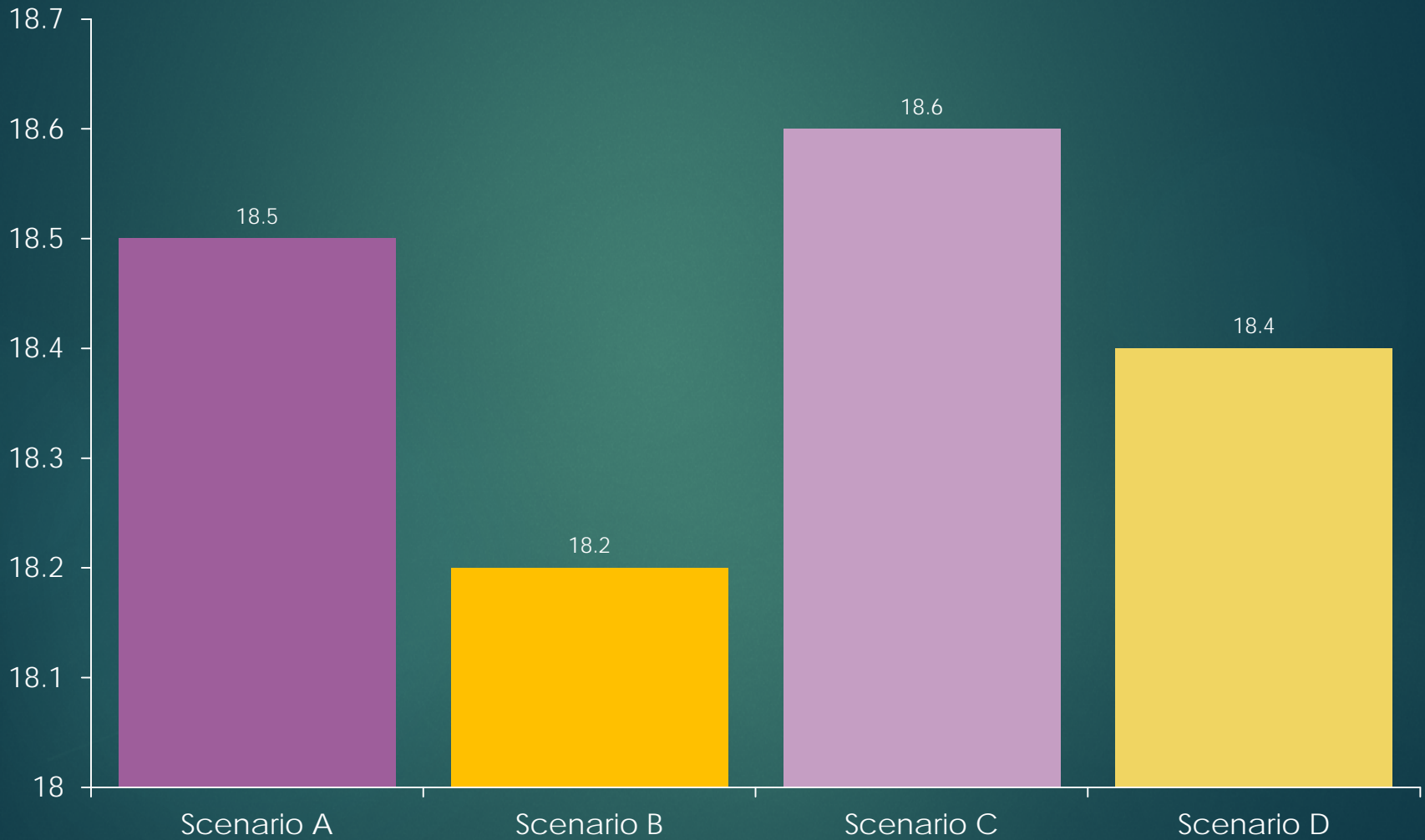
Greenhouse Gas Emission Reduction (2035 per capita percent reduction against 2005)



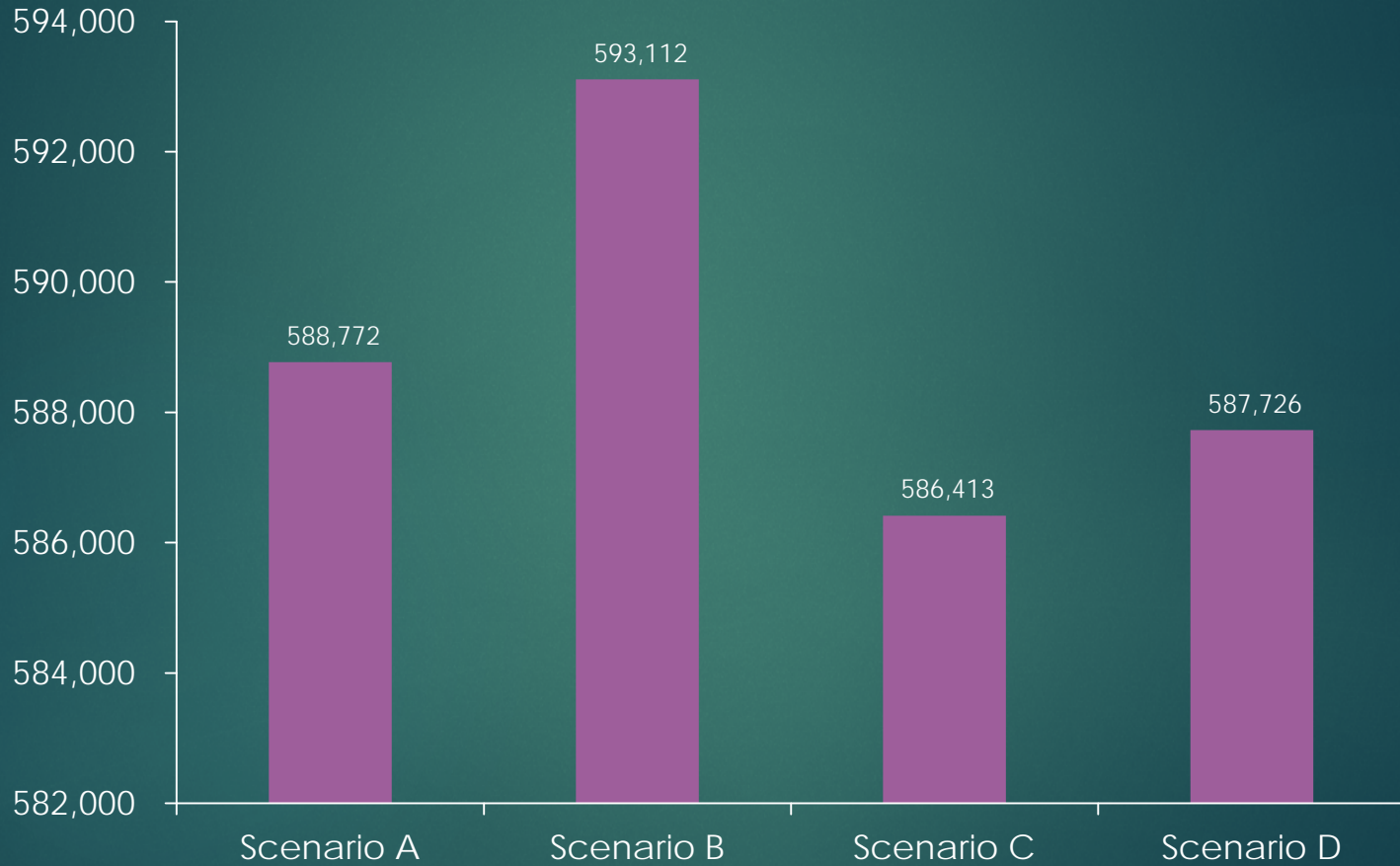
Tons of Criteria Pollutants



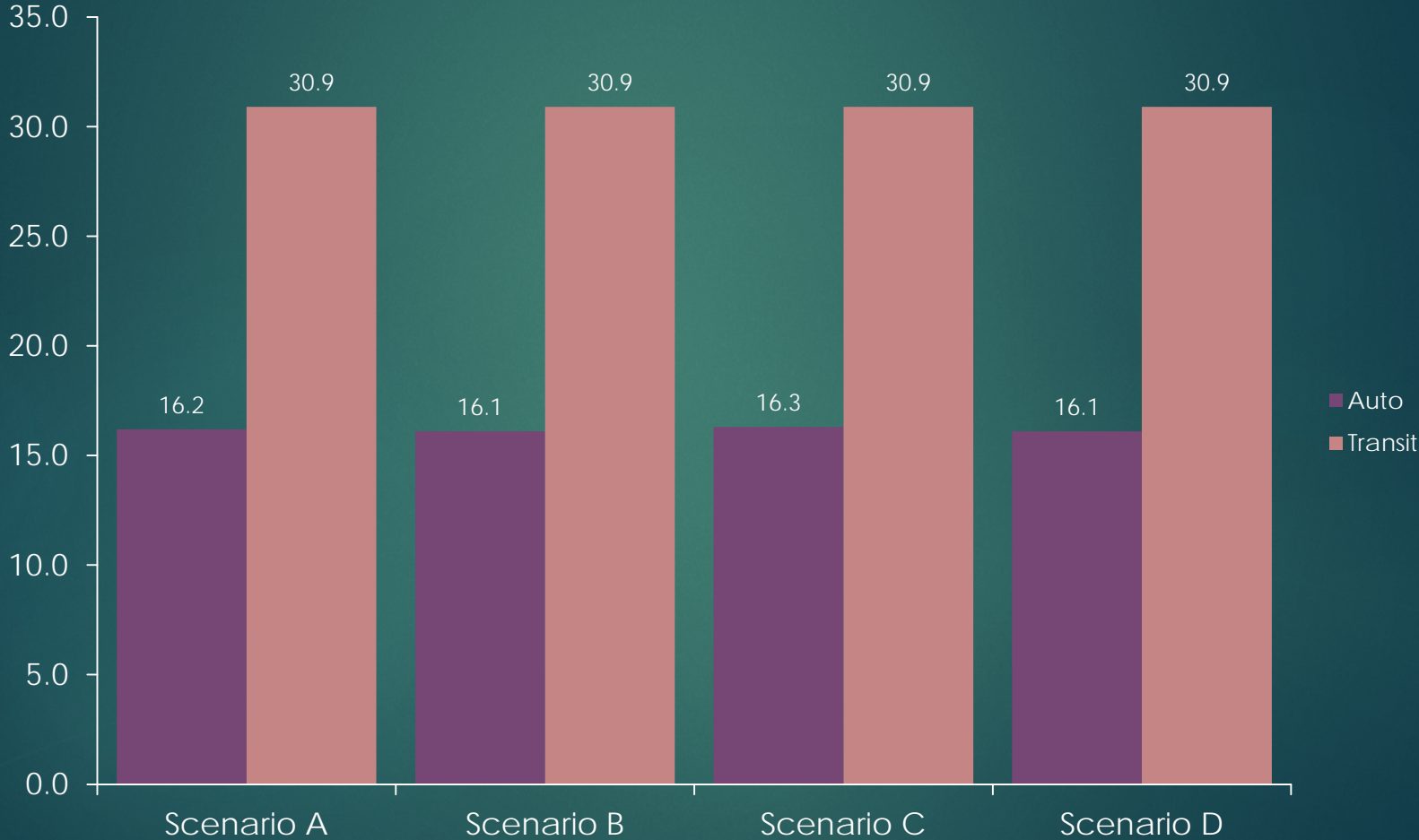
Vehicle Miles Traveled Per Person



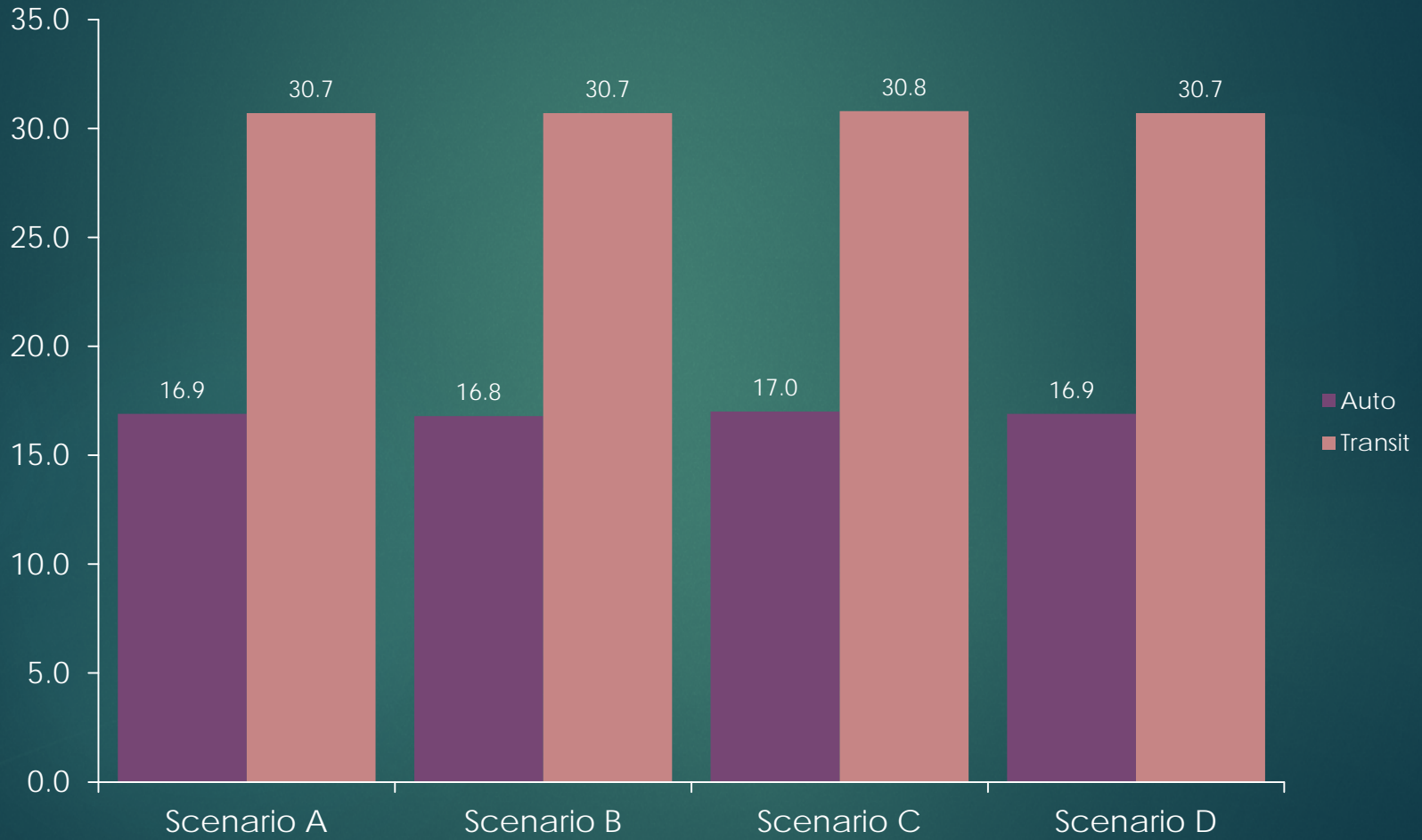
Weekday Active Transportation Trips



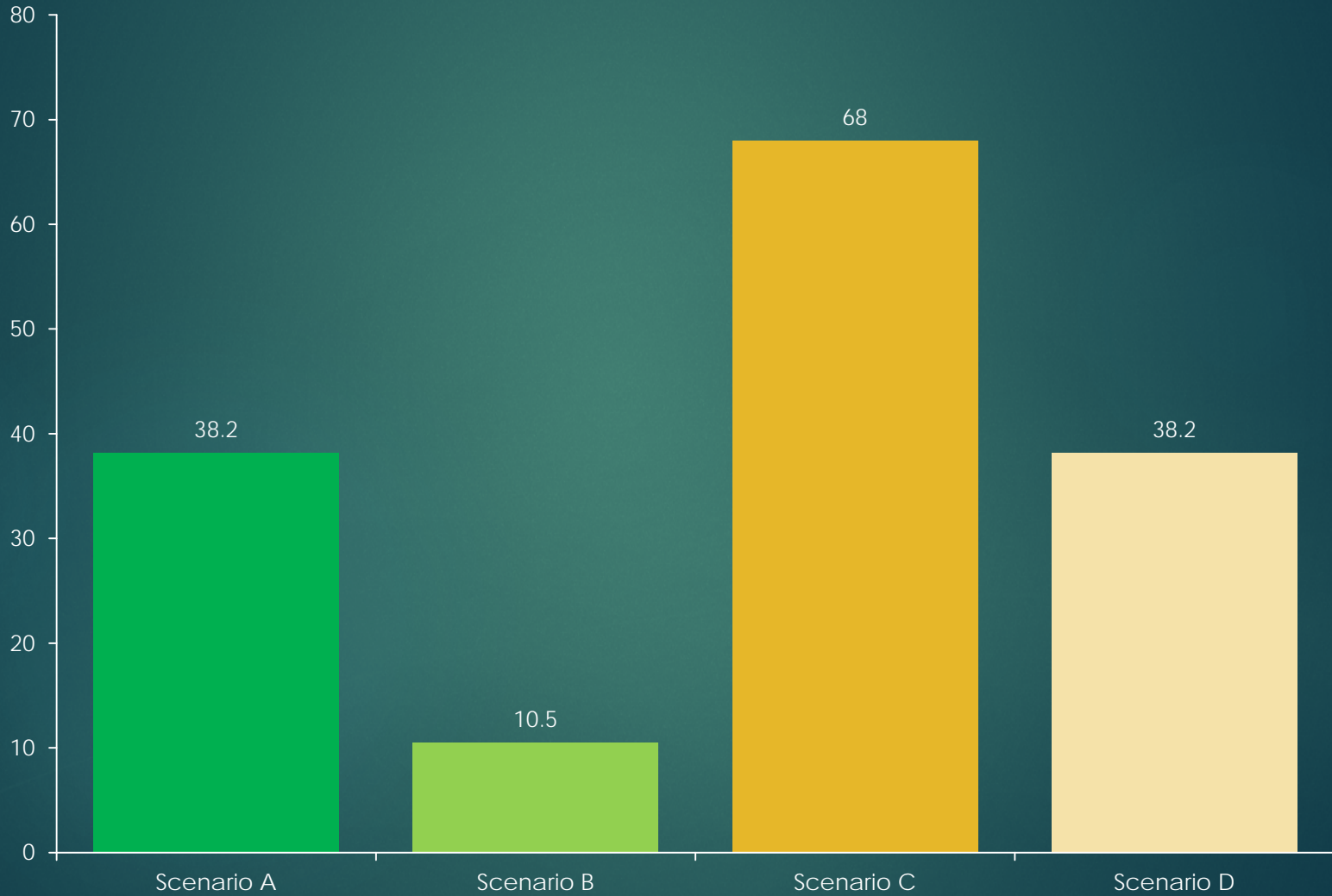
AM Travel Time for EJ Population (minutes)



PM Travel Time for EJ Population (minutes)

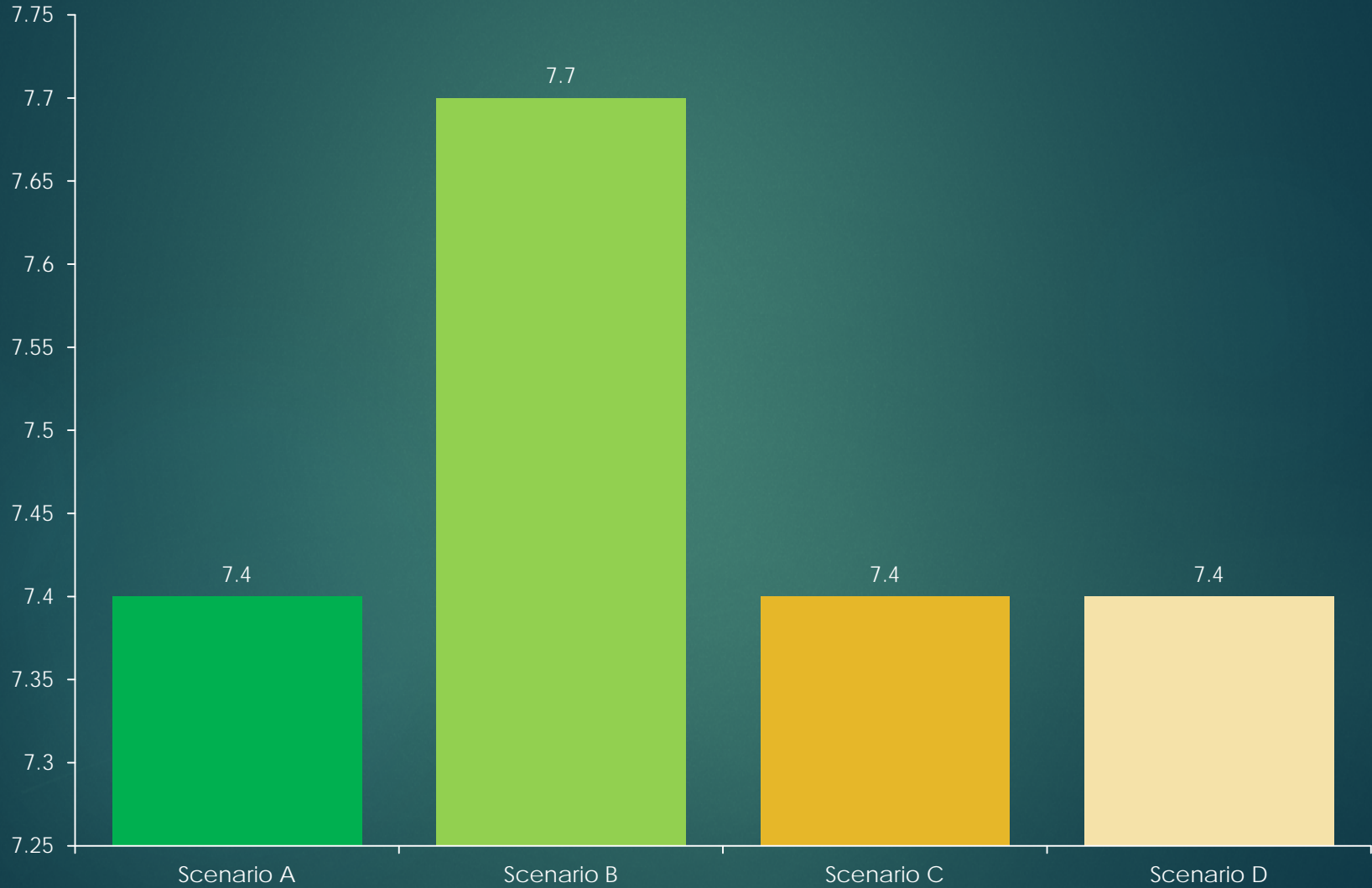


Acres of Important Farmland Consumed



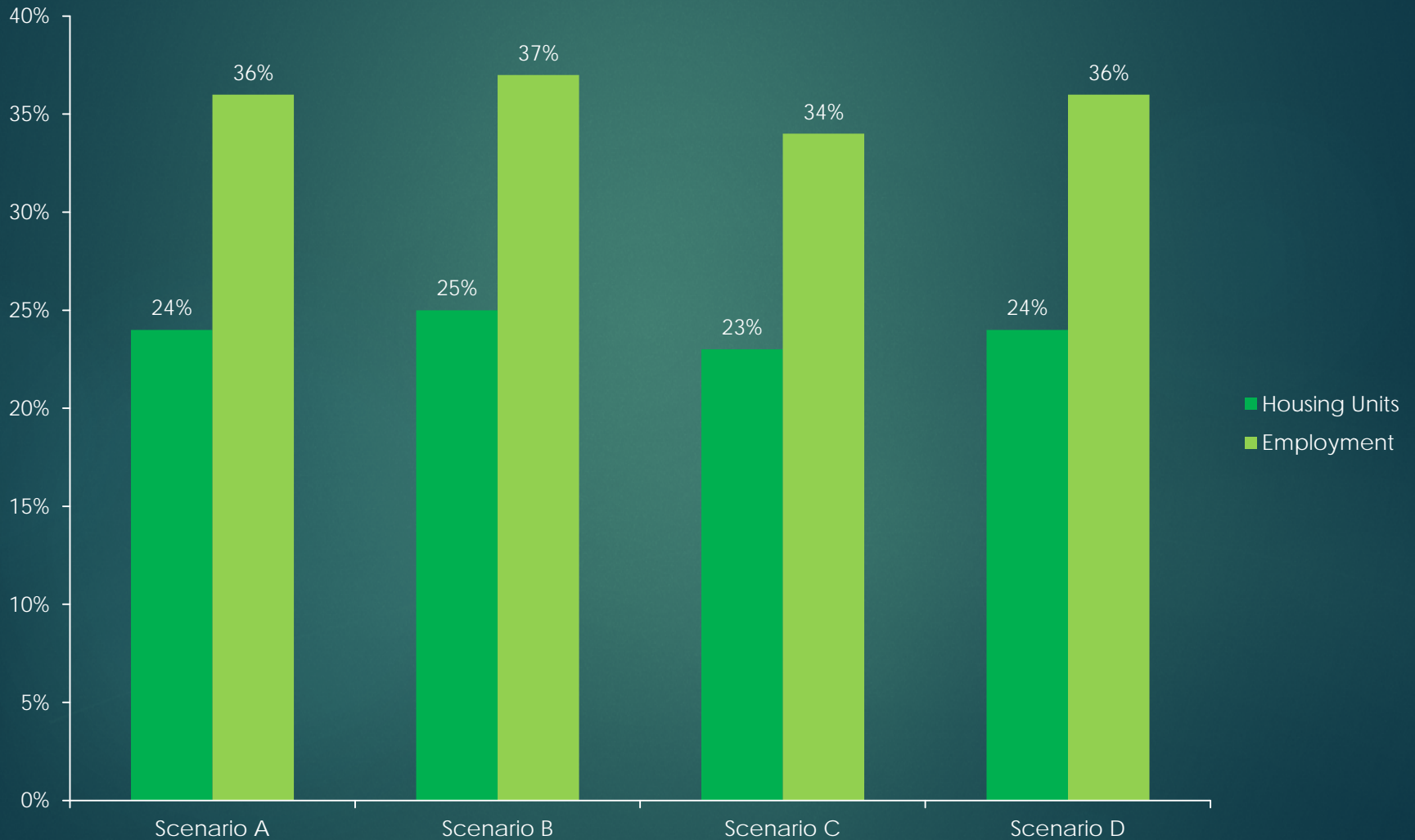
Residential Density for New Growth

Housing Units Per Acre of Land

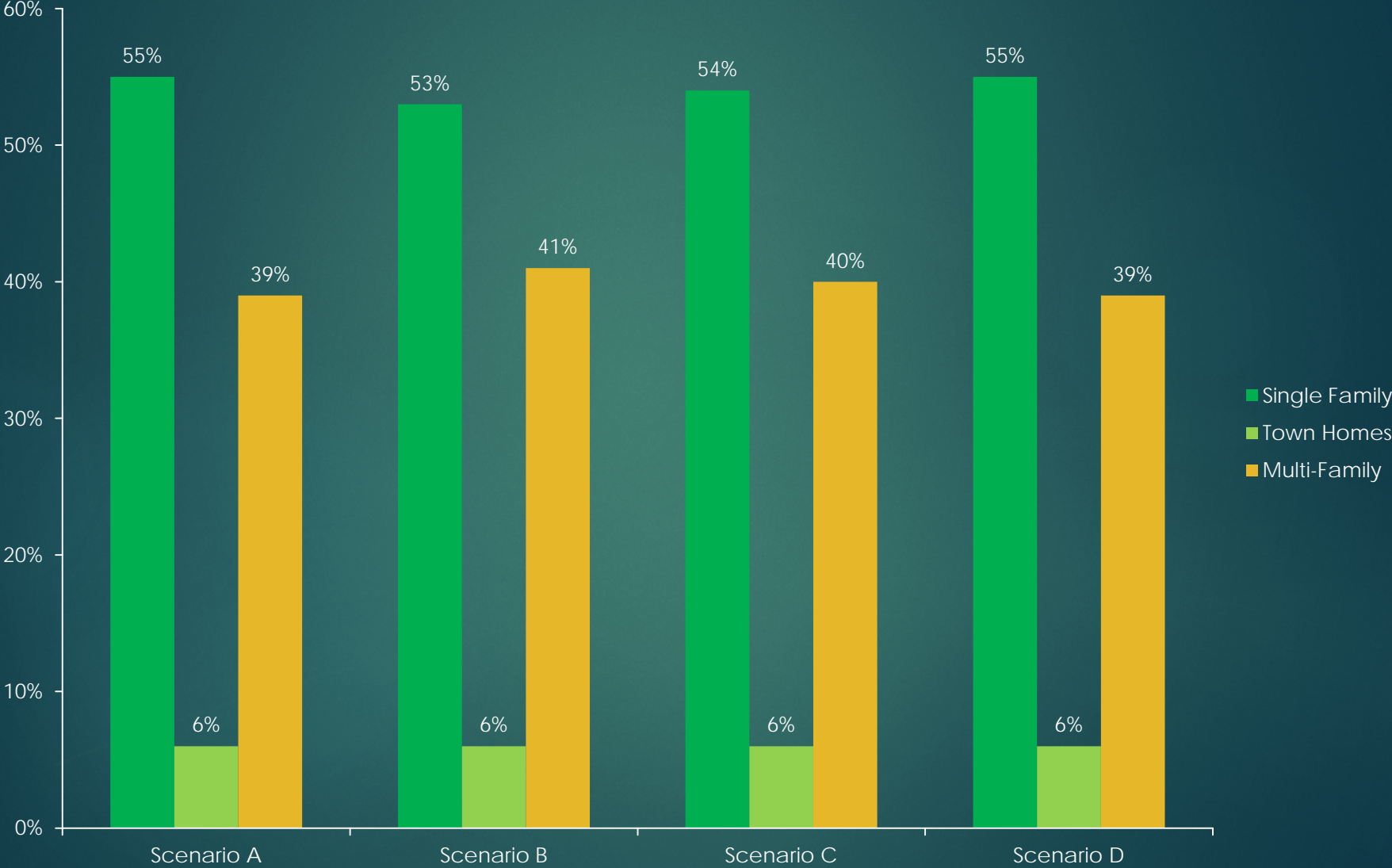


Transit-Oriented Development

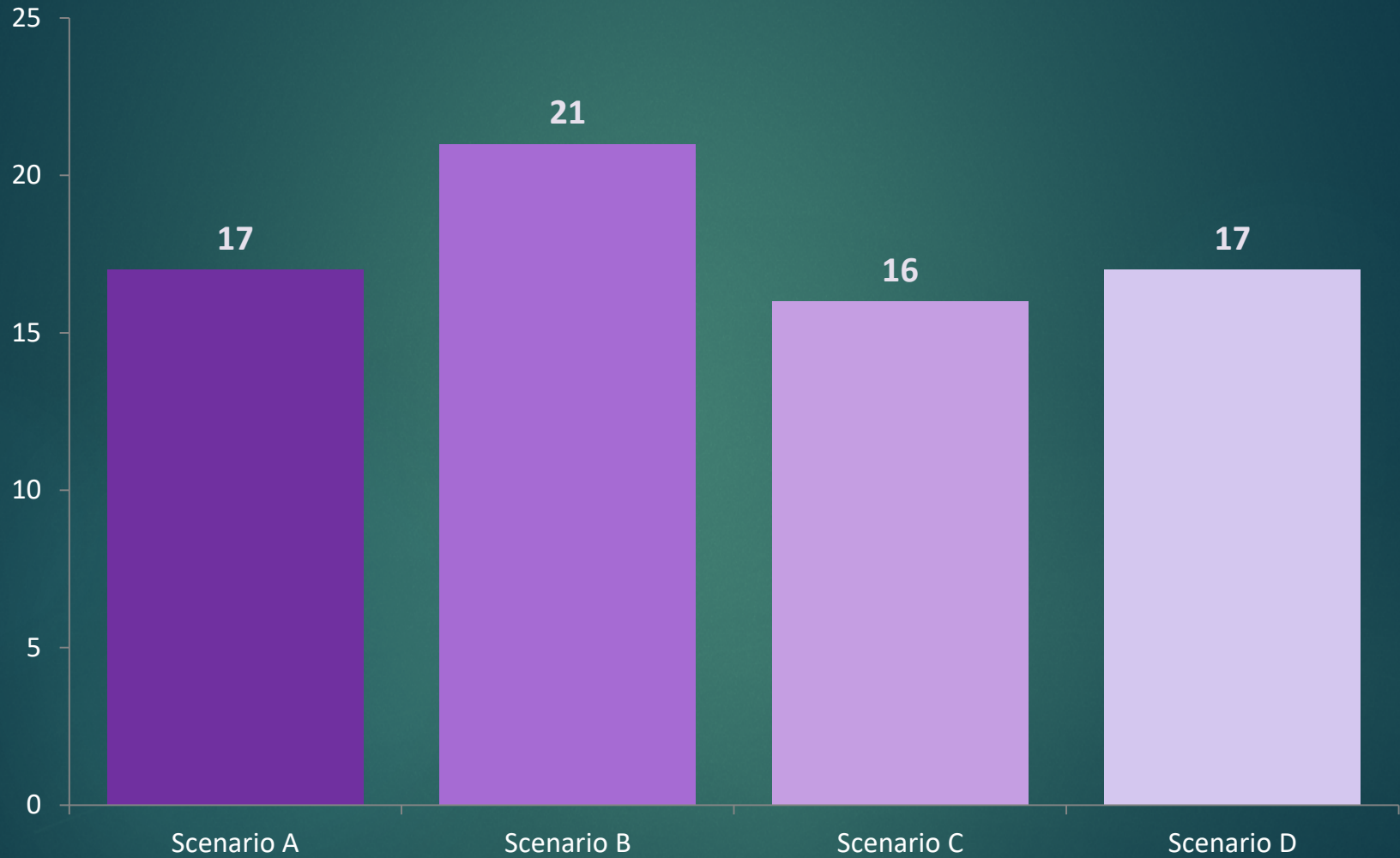
Percent of County Growth within ½-mile of Bus Rapid Transit



Housing Mix of New Growth





Premature Deaths Prevented





Which one is
your preferred
scenario?

Why?



Where can I get additional information?

For more information
or to select a scenario online
go to

www.YourVision2042.com





Thank you for taking time to give us
your feedback!

Outreach Timeline:

October - November 2017: Four Sustainable Communities Strategy (SCS) scenarios released for public review and selection

November 2017: All voting results presented to Fresno COG Policy Board for consideration and selection of a preferred scenario

March 2018: Regional Transportation Plan draft containing the SCS released for public review

June 2018: RTP & SCS adopted by the Fresno COG Policy Board