

PANEL 4 Demographic Change & long-range regional planning

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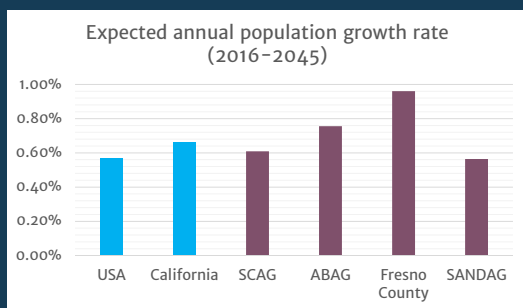
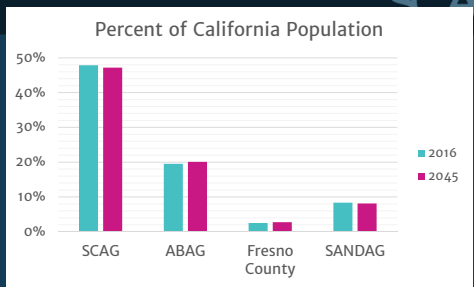
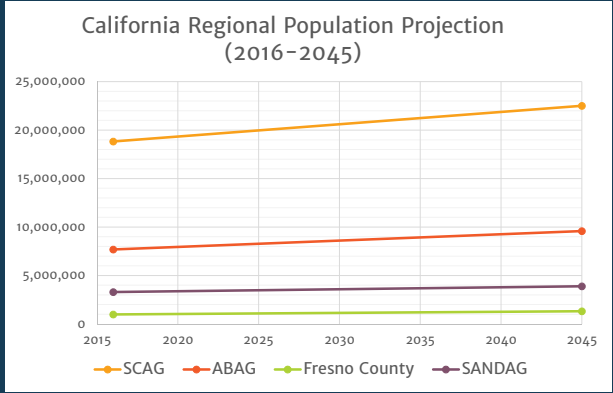
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California Metropolitan Planning Agencies (MPO)



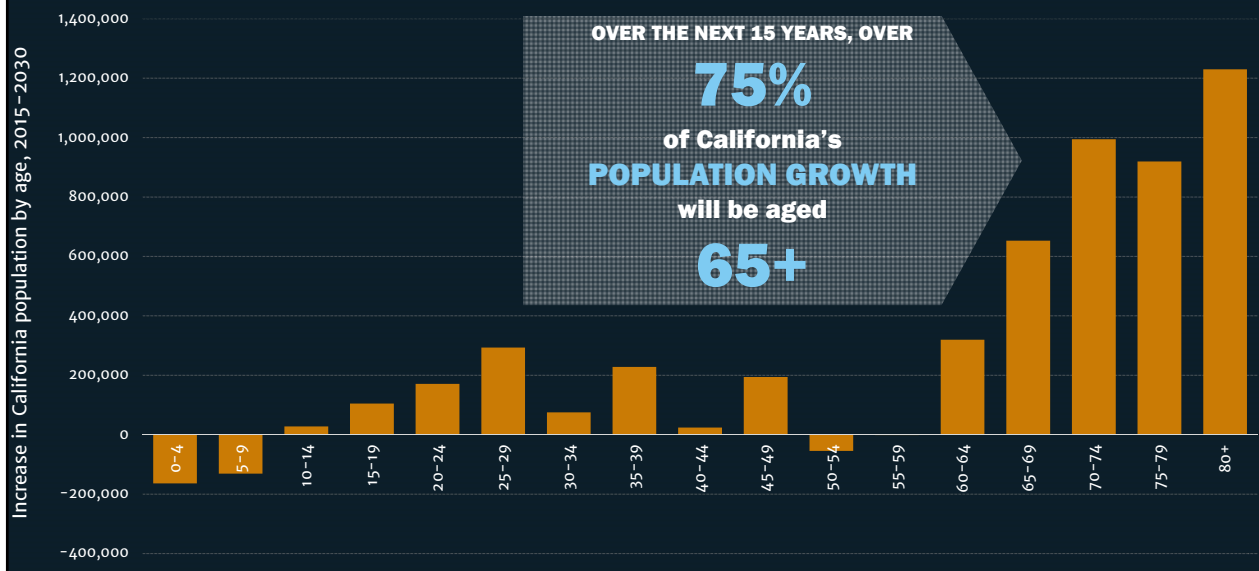
Growth Across Four Regions



- Diverse regions ranging from under 1,000,000 to nearly 6% of the country
- By 2045, the SCAG region will add more than 3.6 million,
 - ABAG will add 1.9M, SANDAG 600k, and Fresno 300k.
 - Southern California will grow more slowly, but is far larger

Sources: SCAG 2020 Working RTP/SCS, CA DOF (State & other region forecasts), US Census Population Projections

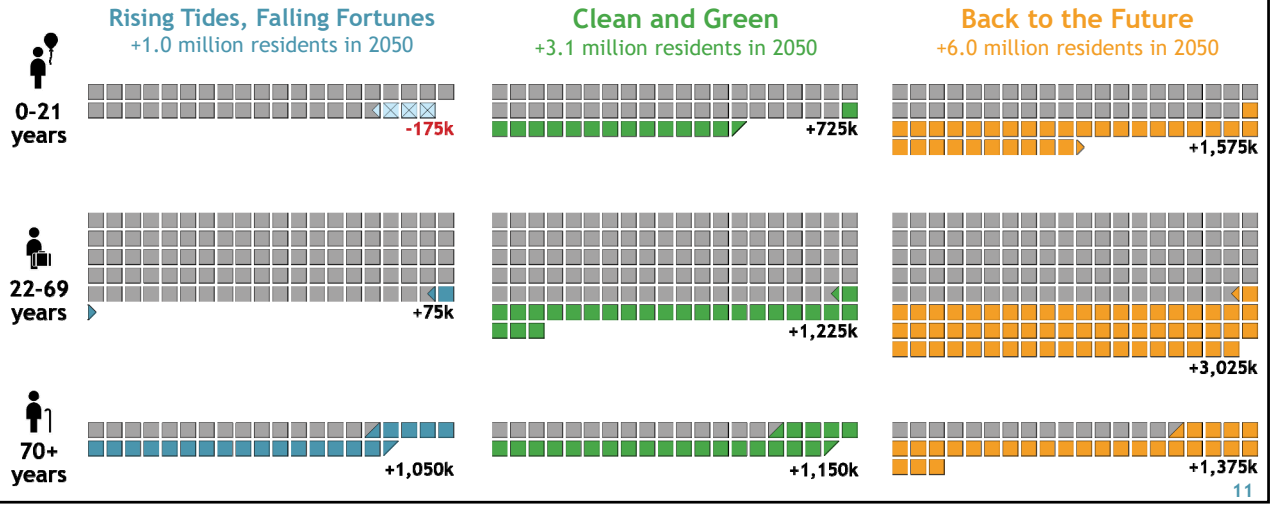
California's Changing Population Age Structure by 2030



Source: California Department of Finance (DOF) Demographic Research Unit. Series P-1: State Population Projections, 2010-2060. <http://www.dof.ca.gov/Forecasting/Demographics/Projections/>

Population Growth

■ = 50,000 residents.
 a single line represents 1 million residents



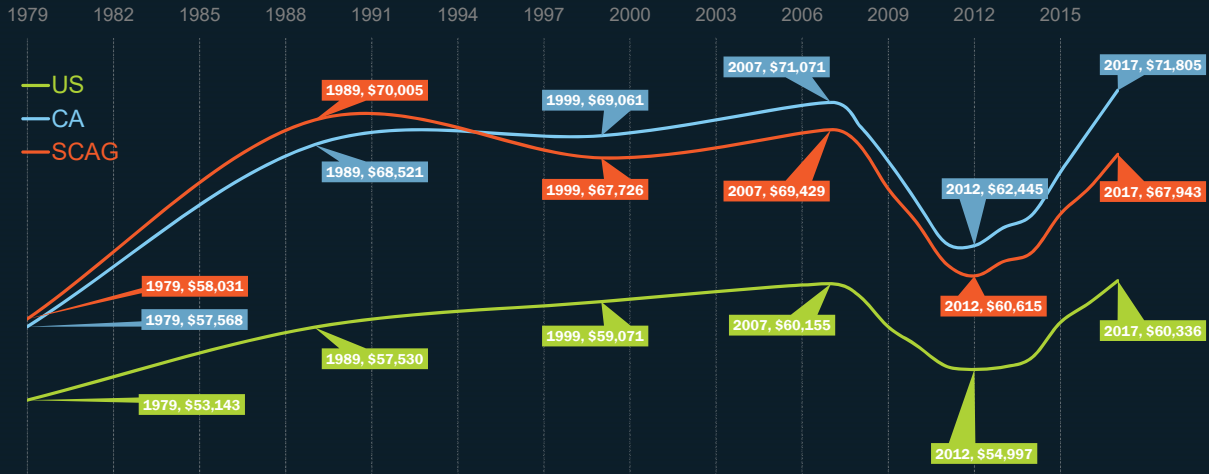
Planning for an Aging Population

Taxi Scrip Services for Seniors

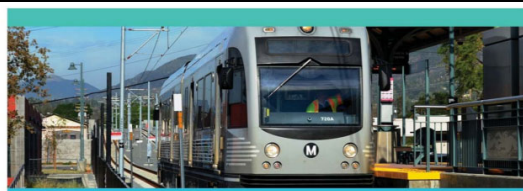
- Subsidy offering 75% off taxi and Uber/Lyft services
- Established in 2007 – currently 5,911 active users, subsidized approx. 18,000 rides over the past year
- Just completed pilot program with GoGoGrandparent, allowing seniors to access Uber/Lyft services by phone
- Full-time services for both TaxiScrip & GoGoGrandparent launch July 1, 2019



Median Household Income 1979-2017 (inflation-adjusted)



Sources: US Decennial Census, American Community Survey, and Consumer Price Index accessed through Social Explorer using constant 2017 dollars.



Falling Transit Ridership:

California and Southern California

AUTHORS

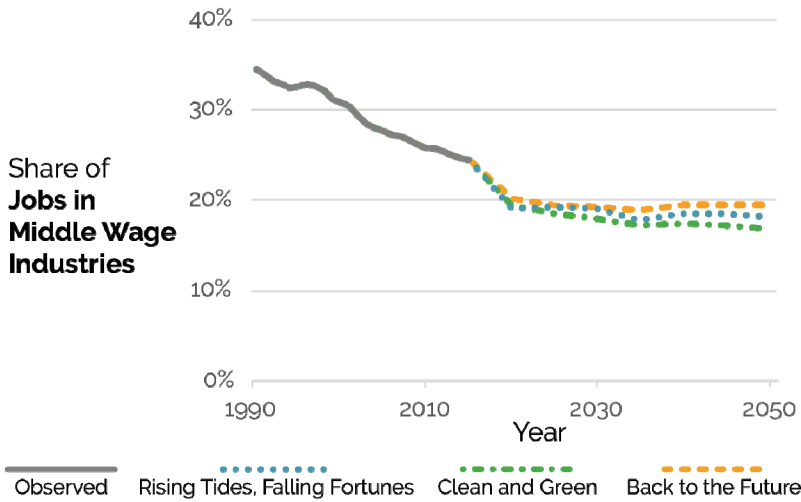
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Job Distribution over Time

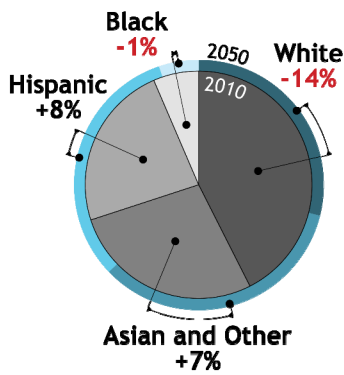
Middle-wage jobs continue to disappear in all three futures.



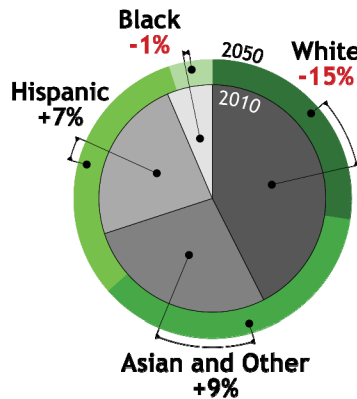
Race & Ethnicity Changes

The Bay Area is likely to become more racially diverse over time, driven primarily by immigration from abroad.

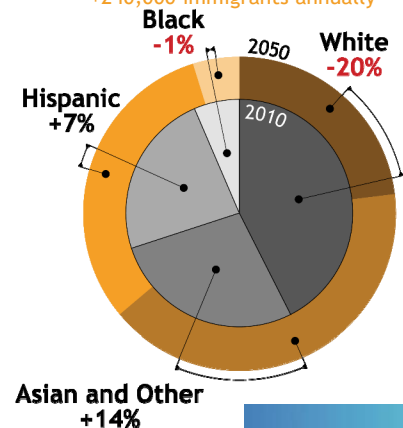
Rising Tides, Falling Fortunes
+20,000 immigrants annually



Clean and Green
+80,000 immigrants annually



Back to the Future
+240,000 immigrants annually



Above is the change in regional share. In *Rising Tides*, a future with slower growth, the absolute number of white residents decreases. In *Back to the Future*, a future with faster growth, the absolute number of white residents increases, but as a share of the regional population it decreases.

Transportation Options for Low-Income Workers



Carpool/Vanpool Programs

- Various subsidies/incentives through Measure C
- Commuter vanpool program offers \$600/month to commuter and ag worker vanpools originating in Fresno County (128 programs subsidized this year)
- CalVans provides affordable rides for farm workers – most riders pay approx. \$2/ride



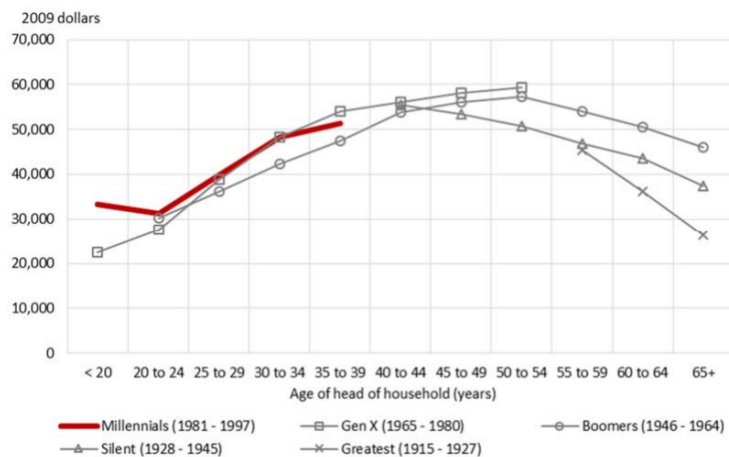
- Fresno COG has funded a study for a community-based shared mobility program, targeting rural communities where fixed route transit doesn't work

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Are Millennials Different?

- **Spending by age** – comparing across generations
- Trend so far: **not too different**
- Millennials – typically lower income at same age
- Fed study: controlling for income, spending habits similar to previous generations - **even on cars!**

Figure 6. Real Average Annual Expenditures per Household by Age and Generation



Source. Consumer Expenditure Surveys (1986 – 2016) from the Bureau of Labor Statistics and the PCE price index from the Bureau of Economic Analysis. Note. Averages are based on the survey weights for the consumer unit (averaged over the 4 surveys) and the birth year of the head of household. Nominal purchases in each quarter are deflated with the chain price index for personal consumption expenditures (PCE).

Source: Kurz, Christopher, Geng Li, and Daniel J. Vine (2018). "Are Millennials Different?," Finance and Economics Discussion Series 2018-080. Washington: Board of Governors of the Federal Reserve System, <https://doi.org/10.17016/FEDS.2018.080>.

Millennials' Behaviors: Fostering Interest in Central Cities & Transit

Local Planning Efforts

- Local agencies (esp. City of Fresno) have planned for higher density and mixed-use development in downtown and BRT corridors by updating their general plans, zoning ordinances, and application processes for such development
- Attracting growth to these priority areas continues to be a challenge for the Fresno region



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Millennials' Behaviors: Fostering Interest in Central Cities & Transit

Regional Trends in Household Size

- According to the DOF, Fresno County household sizes are projected to rise steadily over the next decade while statewide household sizes decline
- Local projections indicate Fresno County household size to grow to 3.35 by 2050



- Apartments might not be the answer for many of the future families in the San Joaquin Valley

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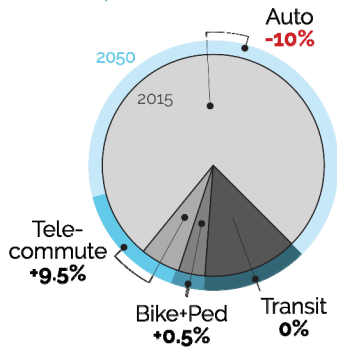
Mode Share Changes



With growing demand for telecommuting, a smaller percentage of residents may need to depend on automobiles to get around.

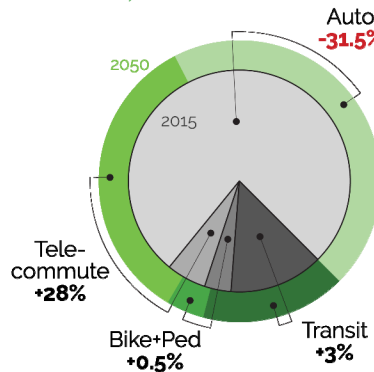
Rising Tides, Falling Fortunes

In 2050, 67% of commuters use autos.



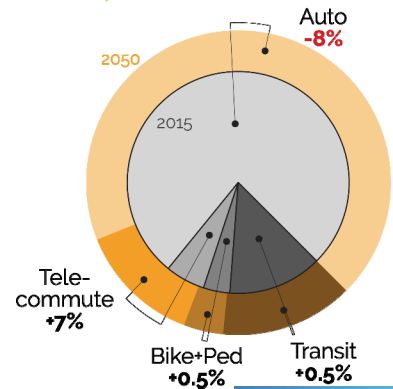
Clean and Green

In 2050, 45% of commuters use autos.



Back to the Future

In 2050, 69% of commuters use autos.



In 2015, 77% of commuters use an automobile to get to work.

WE'RE PLANNING FOR 2045

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SCAG