

8 / September / 2021

# Survey on Electrified Transportation in California

## State-wide Report

Prepared for Advanced Energy Economy Institute

**YouGov**<sup>®</sup>

[business.yougov.com](https://business.yougov.com)



Sample of 1,000 California residents.

Margin of error of +/- 4.4 %



Field dates of Aug 6-15 2021

## Methodology



The Poll was conducted by YouGov using a statewide representative sample of 1,000 California residents interviewed online between Aug 6-15, 2021.

The sample was weighted according to gender, age, race, and education based on the American Community Survey, conducted by the U.S. Bureau of the Census, as well as 2020 Presidential vote, registration status, geographic region, and news interest. Respondents were selected from YouGov's opt-in panel to be representative of all U.S registered voters. The weights range from 0.057 to 7.007, with a mean of 1 and a standard deviation of 1.016.

The margin of error (a 95% confidence interval) for a sample percentage  $p$  based upon the entire sample is approximately 4.4%. It is calculated using the formula

$$\hat{p} \pm 100 \times \sqrt{\frac{1+CV^2}{n}}$$

where CV is the coefficient of variation of the sample weights and  $n$  is the sample size used to compute the proportion. This is a measure of sampling error (the average of all estimates obtained using the same sample selection and weighting procedures repeatedly). The sample estimate should differ from its expected value by less than margin of error in 95 percent of all samples. It does not reflect non-sampling errors, including potential selection bias in panel participation or in response to a particular survey.



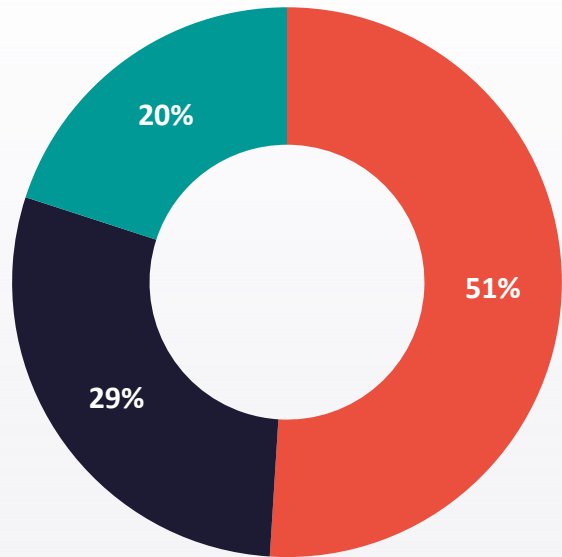
# Executive Summary



# Electric and zero emission vehicle requirements for personal vehicles and school buses have approval from a majority of CA respondents. Establishing a vehicle to grid credit program has approval from 6 in 10 respondents.

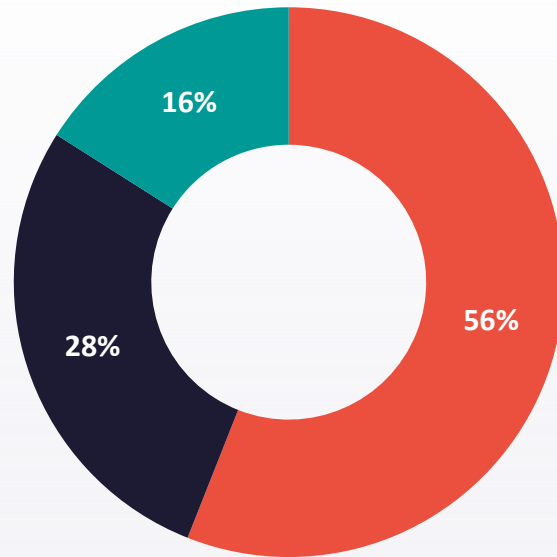
Approve/disapprove of executive order requiring cars be zero-emissions

■ Approve ■ Disapprove ■ Unsure



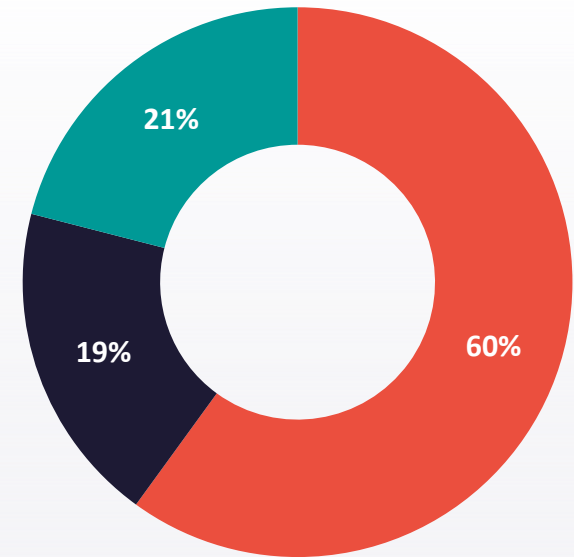
Should CA require all school buses purchased after 2035 to be electric

■ Yes ■ No ■ Unsure



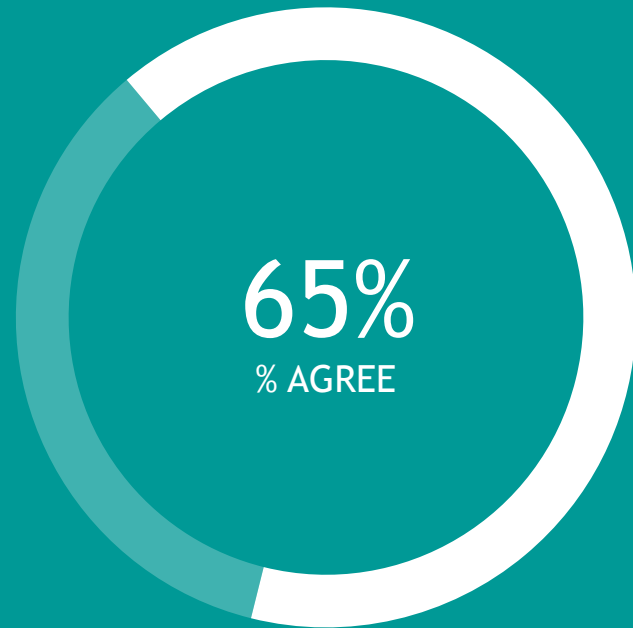
Should CA regulatory agencies establish a vehicle to grid credit program

■ Yes ■ No ■ Unsure

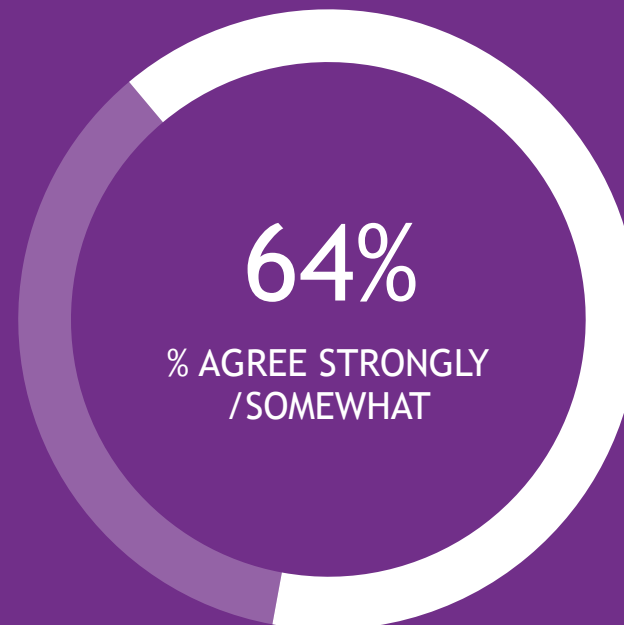




There is widespread support for an infrastructure bill with 64% saying Congress should pass an infrastructure bill and 65% saying it is a good use of public funds.



Nearly 2 out of 3 Californians surveyed agree that the federal infrastructure bill is a good use of public dollars



Californians agree that Congress should pass an infrastructure package that invests dollars in strengthening local energy systems and infrastructure in rural communities and communities disproportionately impacted by pollution

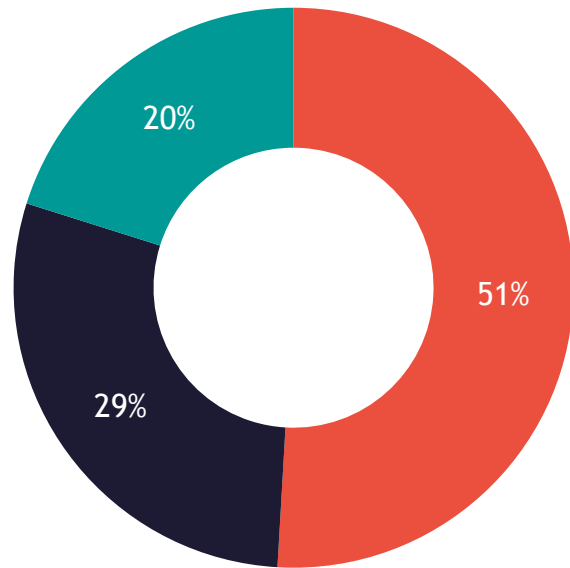


# ZEV/CLEAN TRANSPORTATION



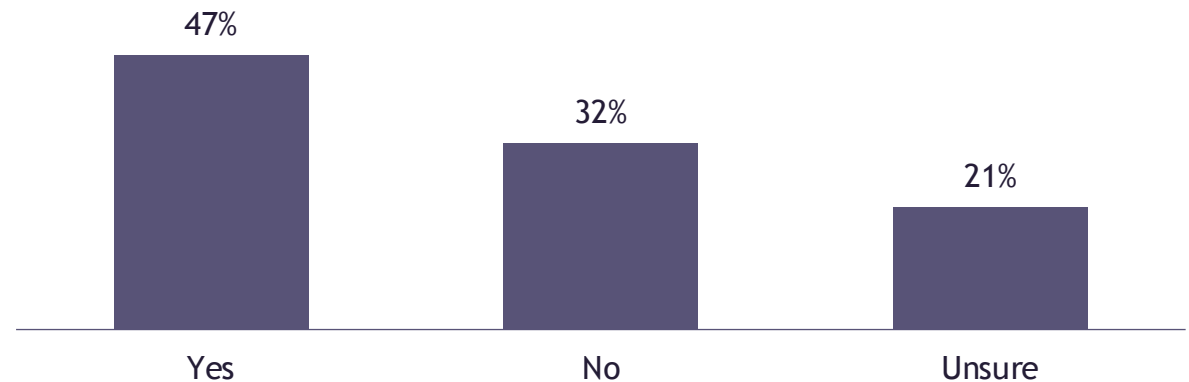
Slightly over half of CA respondents approve of the executive order requiring new vehicles to be zero-emission by 2035. When asked if the executive order should be passed as a law, 47% agree that it should.

Approve/disapprove of executive order requiring cars be zero-emissions



■ Approve ■ Disapprove ■ Unsure

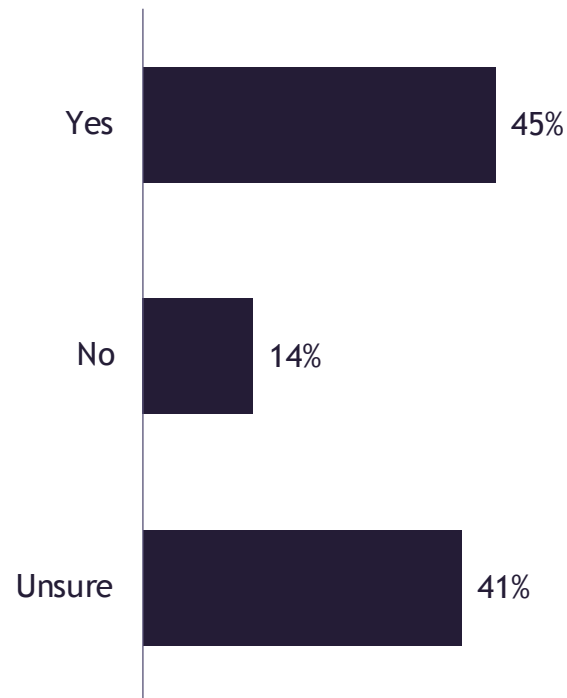
Should CA make Newsom's Executive Order on zero-emission vehicles a law



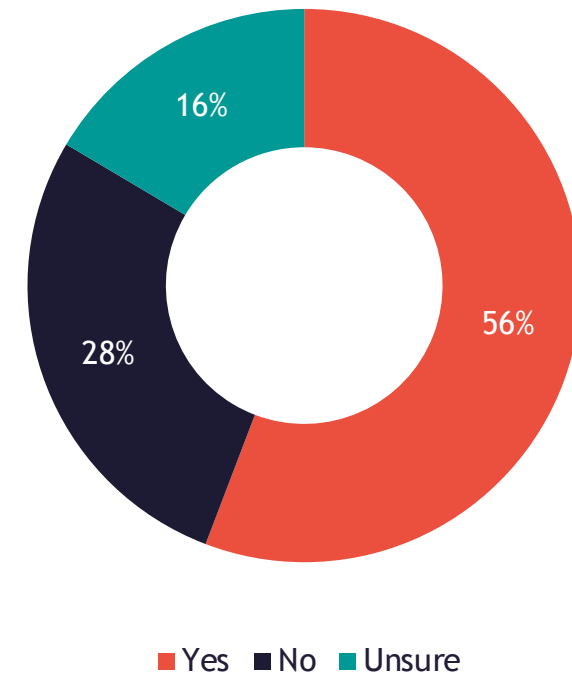


4 in 10 respondents are unsure if CA is doing enough to help school districts that want to purchase EV. However, the majority of respondents agree that CA should require school buses purchased after 2035 to be electric.

Is CA doing enough to help school districts that want to purchase EVs



Should California require all school buses purchased after 2035 to be electric

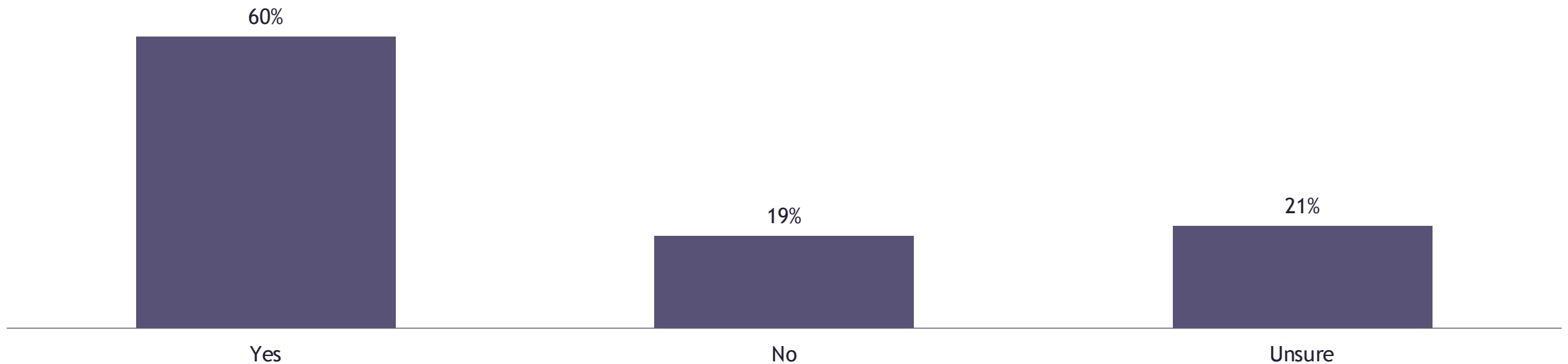




6 in 10 CA respondents think that CA regulatory agencies should establish a vehicle to grid credit program.



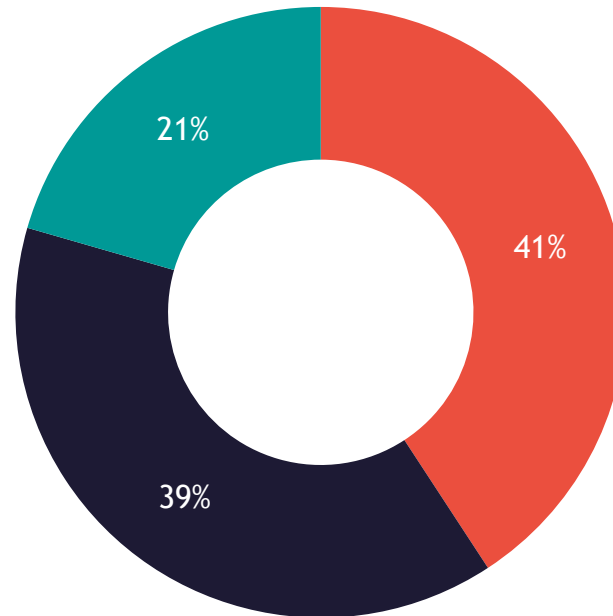
Should CA regulatory agencies establish a vehicle to grid credit program





4 in 10 respondents think that CA should allocate more funding for EV charging infrastructure.

More or less funding for EV charging infrastructure



■ More funding for EV charging infrastructure   ■ Right amount   ■ Less funding for EV charging infrastructure

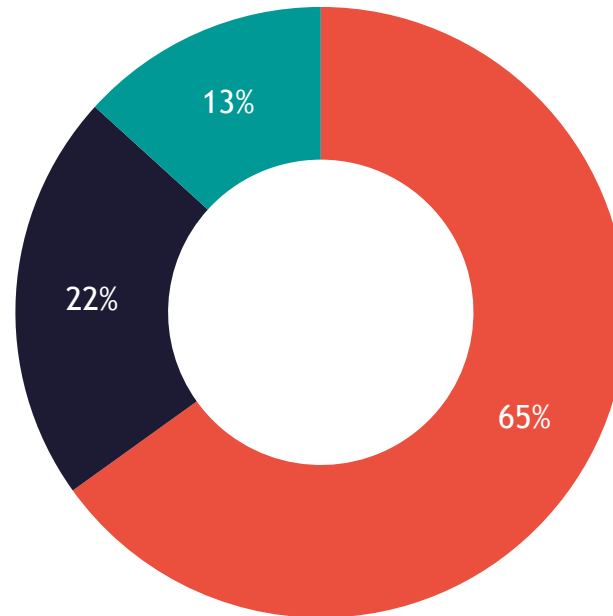


# STATE-TO-FEDERAL/ECONOMIC STIMULUS

Over 6 in 10 CA respondents say that an infrastructure bill that would invest in clean energy, and clean transport among other things would be a good use of public dollars.



Is infrastructure bill a good use of public dollars

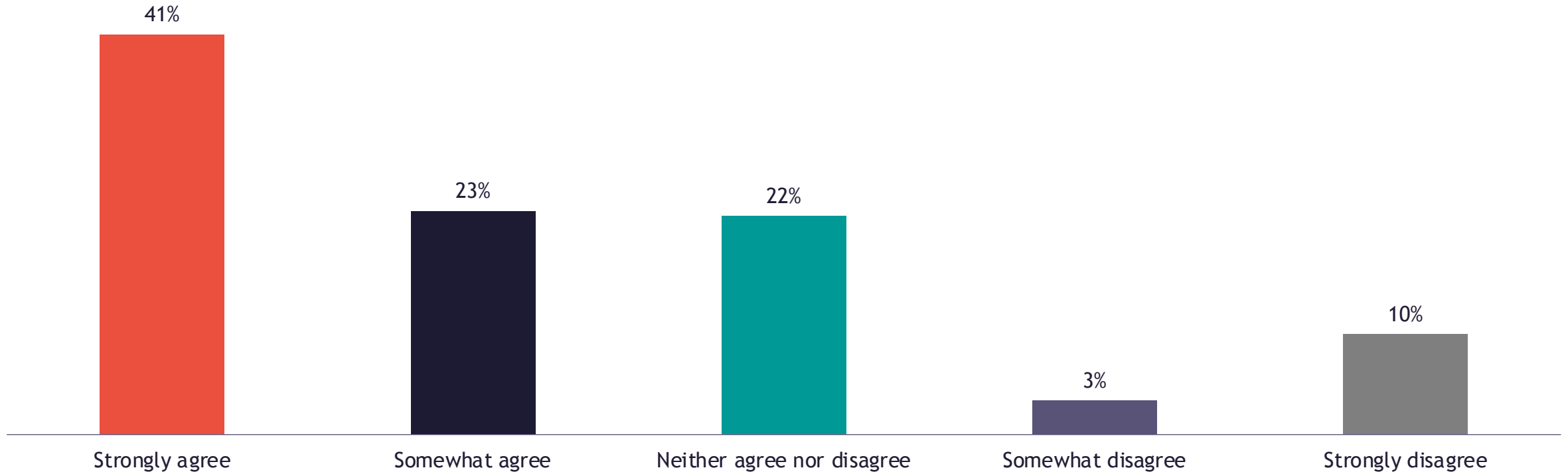


■ Yes ■ No ■ Unsure

# 64% of respondents agree that Congress should pass an infrastructure package.



Congress should pass an infrastructure package



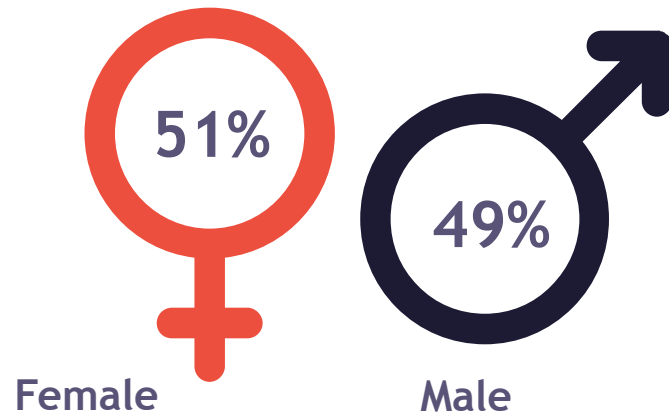


# APPENDIX

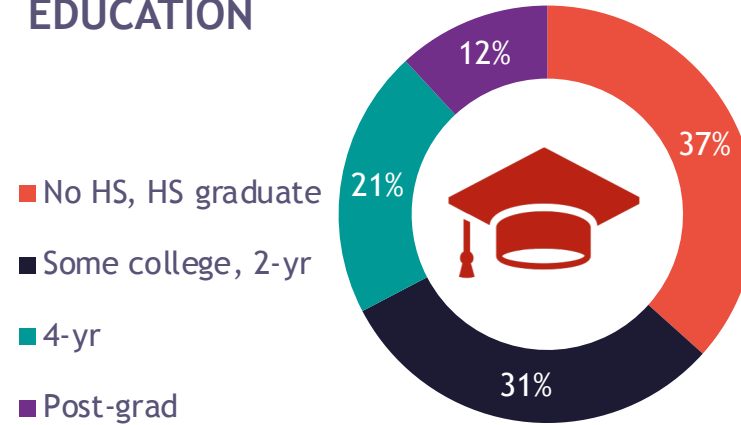
# Demographics



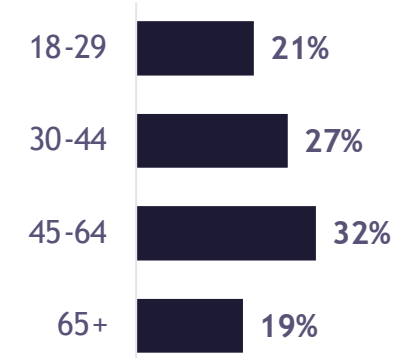
## GENDER



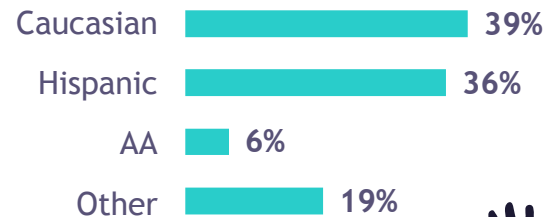
## EDUCATION



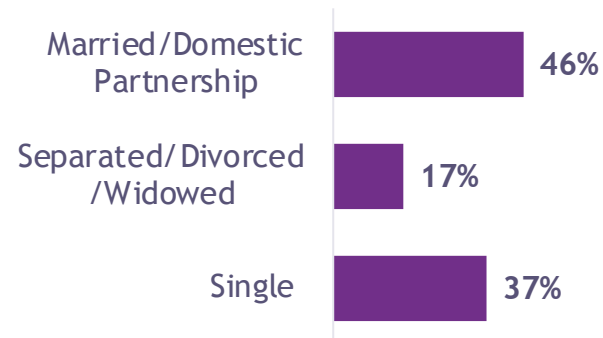
## AGE



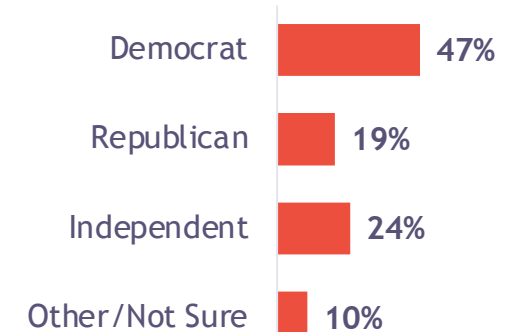
## ETHNICITY



## MARITAL STATUS



## PARTY ID



General demographics questions  
Base: Total CA respondents

