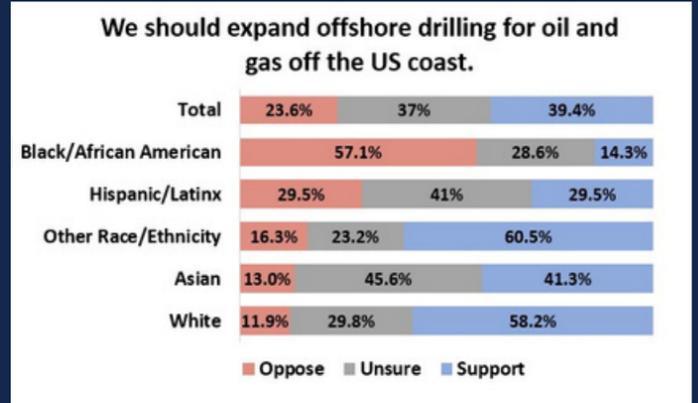
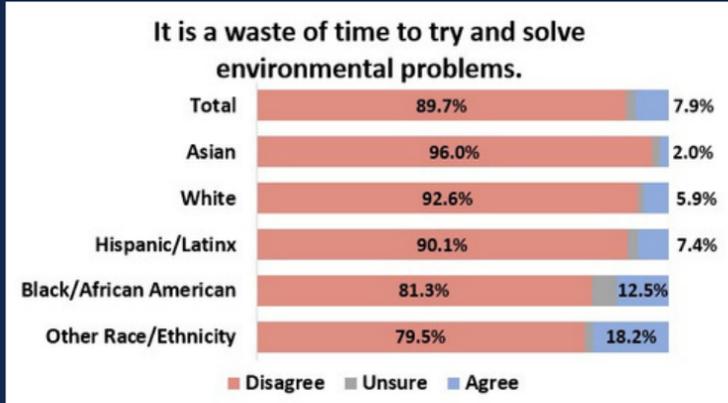


## Community Climate Survey

The effects of climate change have been shown to negatively impact the San Joaquin Valley. Thus, it is important to understand the overall knowledge, beliefs, and opinions on climate change in Fresno County to inform policymakers. The objective of this study was to understand the knowledge, beliefs, and opinions toward climate change that Fresno County residents hold. The data is separated into five major categories: race/ethnicity, gender, age, city district, and county district. Data was collected from a community-wide survey distributed in a cross-sectional study design. The survey was distributed to Fresno County residents using snowball and convenience sampling methods. The survey utilized Likert-type scales to measure ordinal data quantitatively. SPSS software analyzed statistically significant trends among participant responses via a one-way ANOVA test. The sample size was 380 participants.

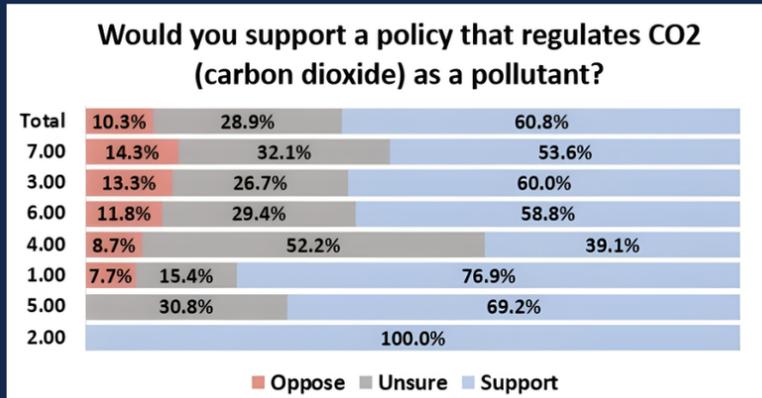
### Race/Ethnicity



The majority of surveyed Fresnans (89.7%) **disagreed** with the phrase, "It is a waste of time to try and solve environmental problems." According to research done by the International Science Survey, 71% of participants would have prioritized protecting the environment even if it meant slower economic growth or job loss.

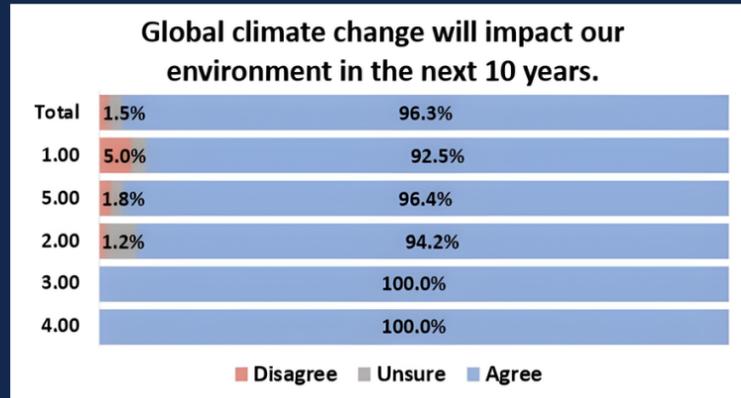
Black/African American persons (57.1%) were **most likely** to oppose the statement, "We should expand offshore drilling for oil and gas off the US coast" while whites (11.9%) were **least likely** to oppose the statement. Pew Research found that 68% of Americans were reluctant to phase out fossil fuels completely and instead said that the U.S. should use a combination of clean energy and fossil fuels.

### City District



The majority of Fresnans (60.8%) would **support** a policy that regulates CO2 (carbon dioxide) as a pollutant. District 2 (100%) and 3 (76.9%) were **most likely** to support and District 4 (39.1%) was **least likely** to support.

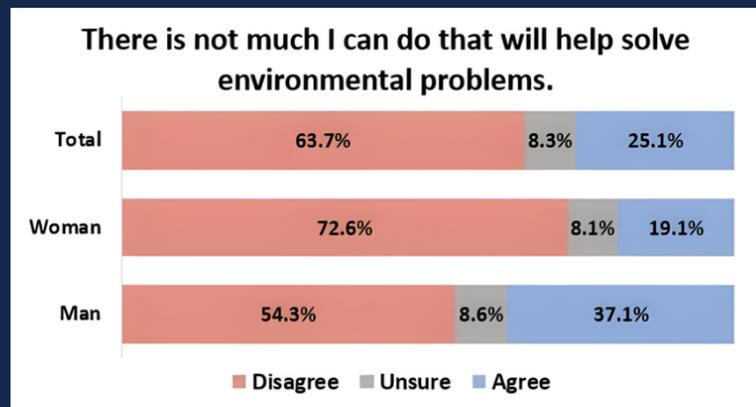
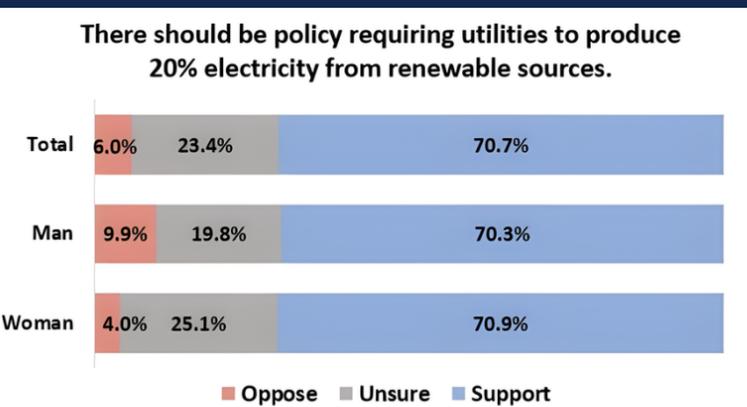
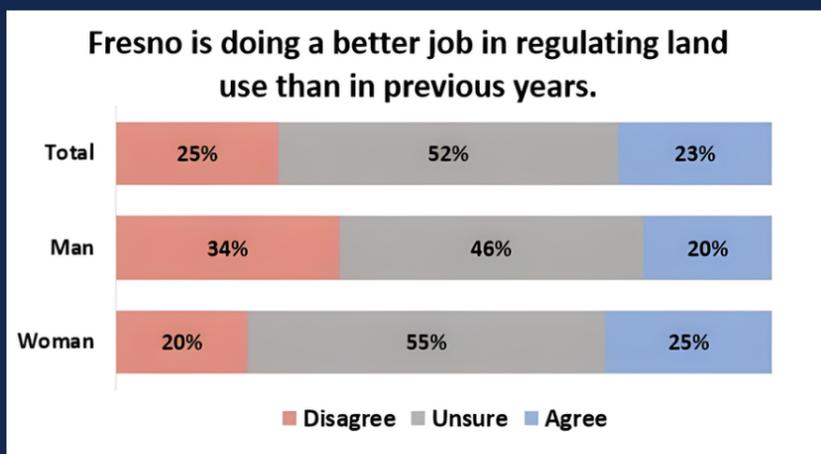
### County District



The majority (96.3%) of Fresnans **agreed** that climate change will impact our environment in the next 10 years. Yale Climate Opinion Maps found that 73% of Fresno County believe that global warming will harm future generations.

### Gender

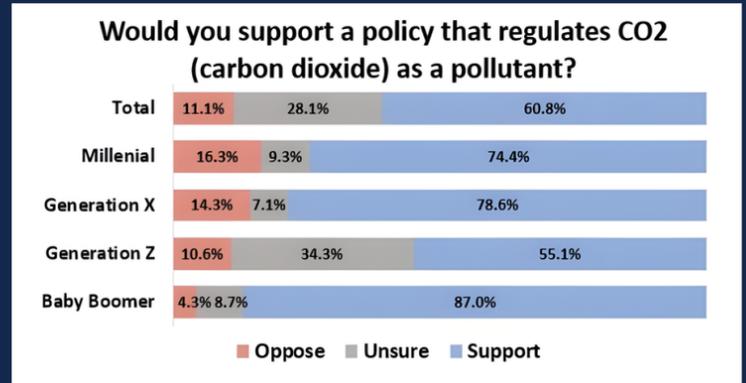
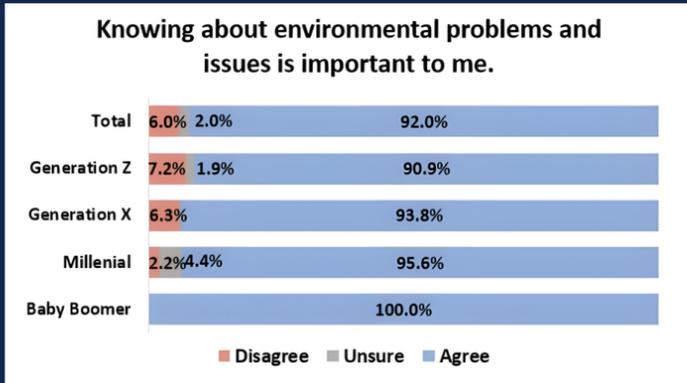
Greater than half (52%) of surveyed Fresnans were **unsure** that Fresno is doing a better job in regulating land use than in previous years. According to the Associated Press, 62% of Americans wanted the federal government to take stronger action against climate change.



More than 2/3 (71%) of surveyed Fresnans were **in support** of a policy requiring utilities to produce 20% electricity from renewable energy. PEW research found that 2/3 of Americans surveyed want the federal government to encourage the production of wind and solar power.

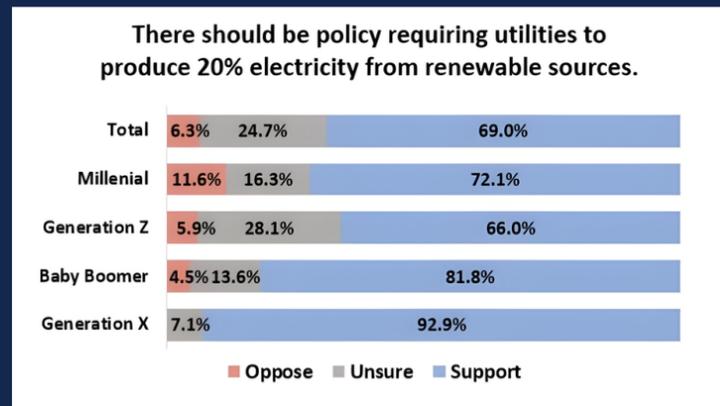
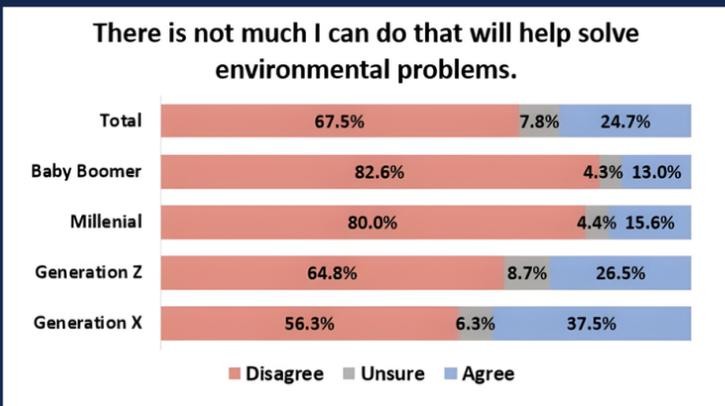
Men (37.1%) were **more likely** than women (19.1%) to agree that there is not much they can do that will help solve environmental problems. The European Union found that 33% of European citizens said changing the way they consume would be an effective way to tackle environmental problems.

## Age



The overwhelming majority (92.0%) of all age groups **agreed** "Knowing about environmental problems and issues is important to me." The Ipsos Global Trends Report 2023 shows that *at least 79% of all age groups* agreed that society is heading for environmental disaster unless we change our habits quickly.

The majority of Baby Boomers (87.0%) would **support** a policy that regulates CO2 (carbon dioxide) as a pollutant. Generation Z (55.1%) was least likely to support. Yale Climate Opinion Maps found that in Fresno County, *71% would want to regulate CO2* as a pollutant.



Generation X (37.5%) was **more likely** to agree that "There is not much I can do that will help solve environmental problems."

A large majority of Generation X (93%) **agree** with the statement "There should be a policy requiring utilities to produce 20% electricity from renewable sources." The PEW Research Center found that over *2/3 of Americans* said that large corporations are doing too little to reduce climate change effects.

## References

Attitudes of Europeans towards the Environment—March 2020— Eurobarometer survey. (n.d.). Retrieved January 18, 2024, from <https://europa.eu/eurobarometer/surveys/detail/2257>

Climate Opinion Factsheet. (n.d.). Retrieved January 18, 2024, from <https://bit.ly/3iKWY1C>

Collins, S. (2023, July 14). Most in US want more action on climate change: AP-NORC poll - AP-NORC. <https://apnorc.org/most-in-us-want-more-action-on-climate-change-ap-norc-poll/>

Majorities prioritize protecting the environment over job creation across all survey publics. Pew Research Center Science & Society. Retrieved January 18, 2024, from [https://www.pewresearch.org/science/2020/09/29/concern-over-climate-and-the-environment-predominates-among-these-publics/ps\\_2020-09-29\\_global-science\\_03-06/](https://www.pewresearch.org/science/2020/09/29/concern-over-climate-and-the-environment-predominates-among-these-publics/ps_2020-09-29_global-science_03-06/)

Two-thirds of U.S. adults say the federal government should encourage production of wind and solar power. Pew Research Center. Retrieved January 18, 2024, from [https://www.pewresearch.org/short-reads/2023/08/09/what-the-data-says-about-americans-views-of-climate-change/sr\\_2023-08-09\\_climate-change\\_3/](https://www.pewresearch.org/short-reads/2023/08/09/what-the-data-says-about-americans-views-of-climate-change/sr_2023-08-09_climate-change_3/)

Two-thirds say large businesses and corporations are doing too little to reduce climate change effects. Pew Research Center. Retrieved January 18, 2024, from [https://www.pewresearch.org/short-reads/2023/08/09/what-the-data-says-about-americans-views-of-climate-change/sr\\_2023-08-09\\_climate-change\\_4/](https://www.pewresearch.org/short-reads/2023/08/09/what-the-data-says-about-americans-views-of-climate-change/sr_2023-08-09_climate-change_4/)

Younger U.S. adults are more open than older adults to phasing out fossil fuels completely. Pew Research Center. Retrieved January 18, 2024, from [https://www.pewresearch.org/short-reads/2023/08/09/what-the-data-says-about-americans-views-of-climate-change/sr\\_2023-08-09\\_climate-change\\_2/](https://www.pewresearch.org/short-reads/2023/08/09/what-the-data-says-about-americans-views-of-climate-change/sr_2023-08-09_climate-change_2/)

## Recommended Citation

Alcala, E., and Ramirez, A. (2024). Community Climate Survey. [cvhpi.org/](http://cvhpi.org/)

## Acknowledgments

Thank you to Josian Zuniga, Dustin Hedrick, Davenna Morales, and Guadalupe Corona for their contributions to the development of the infographic.

## For more information:

Emanuel Alcala  
[ealcala@mail.fresnostate.edu](mailto:ealcala@mail.fresnostate.edu)  
[CVHPI.org](http://CVHPI.org)