

School of Energy Resources





Survey Summary: Public Values and Preferences relating to Wyoming's Energy Future

This summary provides results from a recent survey of Wyoming residents' values and beliefs related to energy in Wyoming. The survey was conducted by the University of Wyoming School of Energy Resources in fall 2022. The survey was sent to 2800 randomly-sampled addresses in Wyoming, with 357 responses. The margin of error is +/- 5.18 percentage points.

The following is a list of energy related activities that are either being done or could be done in Wyoming. How much do you favor or oppose each one in the future?





Totals do not add up to 100 due to averaging and categories reported.

Preferences regarding ways to capture and store CO₂



Permanent Geologic Storage of CO₂ that is Produced Out-of-State (transporting CO₂ that is produced in other states into Wyoming for permanent geologic storage)

Permanent Geologic Storage (injecting CO₂ into deep geological formations underground for permanent storage)

Direct Air Capture (removing CO_2 directly out of the air)

Point Source Capture (capturing CO₂ directly from a large facility such as a coal or natural gas-based electricity generation-fired electricity plant)

Materials Production (using CO₂ to make products such as cement)

Support Neutral Oppose Not Sure

Totals do not add up to 100 due to averaging and categories reported.

Beliefs regarding permanent geologic storage of CO₂



Geologic storage of CO₂ is a safe and effective way to permanently store CO₂

Developing a geologic storage industry in Wyoming supports the continued use of fossil fuels which results in $\rm CO_2$ emissions and contributes to climate change

Geologic storage of CO_2 is important because it can support Wyoming's economy

Geologic storage of $\mathrm{CO}_{\rm 2}$ requires expensive technology and infrastructure and may not be economically viable

Geologic storage of CO_2 should be one of many low-carbon energy industries that Wyoming develops

Geologic storage of CO_2 is important because it can allow Wyoming to produce reliable, low-carbon energy from its fossil resources

Agree Neutral Disagree Not Sure

Beliefs regarding the use of enhanced oil recovery for captured CO₂



Agree Neutral Disagree Not Sure

Totals do not add up to 100 due to averaging and categories reported.

Beliefs regarding nuclear energy



90

100

I am concerned about health and safety issues related to having a Nuclearbased electricity generation plant in Wyoming

Nuclear-based electricity generation is safe

Nuclear-based electricity generation is an important industry to develop to support Wyoming's economy

I am concerned about health and safety issues related to storing nuclear waste in Wyoming

Nuclear-based electricity generation is important because it provides reliable, low-carbon energy



Totals do not add up to 100 due to averaging and categories reported.

Opinions regarding hydrogen separation



Wyoming residents' values

Survey participants were asked to distribute 100 points among the following 14 values based on what is most important to them about Wyoming. For example, if a value was most important, they gave it the most point; if a value was not important, they did not give it any points.



Percentage of Wyoming residents who felt this value was important to some extent

Average number of points out of 100 allocated to this value (measures the intensity with which the value is felt)

Survey participant demographic information

		2022 Wyoming Survey	2020 Census Data
Age	18 – 64 Years	50.3%	59.4%
	65 Years and over	49.7%	17.9%
Gender	Women	40.80%	49.7%
	Men	57.20%	50.3%
Education	High School Diploma or Higher	99.7%	93.6%
	Bachelors Degree or Higher	54.5%	29.2%

Survey respondents in comparison to the overall demographics of Wyoming according to the 2020 Census data.