

National Poll Toplines

Methodology

Poll number: pr2126

Interview Dates: September 25-28, 2021

Sample Population: 4673 registered voters in the United States.

Sample Selection: Scientific online poll - stratified sample of panel respondents.

Weighting Parameters: The sample was weighted based on the U.S. Census Bureau's Voting and Registration Supplement to the Current Population Survey for registered voters in the United States based on age, gender, race, educational attainment, census region, and Hispanic ethnicity. The sample was also balanced by reported 2020 presidential vote.

This topline provides weighted percentages, as well as the unweighted N-size for the total sample. Due to the effects of weighting and rounding, figures may or may not add up to 100%. The standard deviation of the weights was: 0.2056567. The maximum weight was: 2.0379626. The minimum weight was: 0.3607888. 95% of the weights were between 0.5705089, 1.436137.

Margin of Error: The 95% credibility interval for this survey is +/- 1.4%, which includes the square root of the design effect (DEFT): 1.0209239.

Citation: Climate Nexus Polling, Yale Program on Climate Change Communication, George Mason University (2021). Infrastructure and Methane [Data Set].

worried...How worried are you about climate change?

Response	Percent	N
Very worried	33%	1,609
Somewhat worried	32%	1,520
Not too worried	18%	795
Not at all worried	17%	749

Q1x1...Do you have a favorable or unfavorable opinion of each of the following sources of energy? - Solar energy

Response	Percent	N
Very favorable	56%	2,652
Somewhat favorable	31%	1,438
Somewhat unfavorable	5%	242
Very unfavorable	3%	122
Not sure	5%	219

Q1x2...Do you have a favorable or unfavorable opinion of each of the following sources of energy? - Wind energy

Response	Percent	N
Very favorable	48%	2,281
Somewhat favorable	32%	1,487
Somewhat unfavorable	8%	364
Very unfavorable	5%	214
Not sure	7%	327

Q1x3...Do you have a favorable or unfavorable opinion of each of the following sources of energy? - Natural gas

Response	Percent	N
Very favorable	35%	1,580
Somewhat favorable	42%	1,979
Somewhat unfavorable	11%	535
Very unfavorable	4%	187
Not sure	8%	392

Q1x4...Do you have a favorable or unfavorable opinion of each of the following sources of energy? - Oil

Response	Percent	N
Very favorable	17%	773
Somewhat favorable	32%	1,470
Somewhat unfavorable	24%	1,152
Very unfavorable	16%	778
Not sure	11%	500

Q1x5...Do you have a favorable or unfavorable opinion of each of the following sources of energy? - Coal

Response	Percent	N
Very favorable	13%	562
Somewhat favorable	26%	1,164
Somewhat unfavorable	24%	1,122
Very unfavorable	27%	1,289
Not sure	11%	536

Q1x6...Do you have a favorable or unfavorable opinion of each of the following sources of energy? - Nuclear energy

Response	Percent	N
Very favorable	17%	769
Somewhat favorable	28%	1,284
Somewhat unfavorable	20%	951
Very unfavorable	17%	803
Not sure	18%	866

Q1x7...Do you have a favorable or unfavorable opinion of each of the following sources of energy? - Biofuels, such as ethanol produced from grasses and corn

Response	Percent	N
Very favorable	21%	984
Somewhat favorable	43%	1,985
Somewhat unfavorable	12%	572
Very unfavorable	5%	238
Not sure	19%	894

Q1x8...Do you have a favorable or unfavorable opinion of each of the following sources of energy? - Methane

Response	Percent	N
Very favorable	7%	317
Somewhat favorable	22%	989
Somewhat unfavorable	23%	1,082
Very unfavorable	17%	813
Not sure	31%	1,472

Q2...Right now, which of the following do you think should be the most important priority for addressing the United States' energy needs?

Response	Percent	N
Building more natural gas power plants	15%	684
Building more nuclear power plants	10%	434
Developing more renewable energy sources, such as wind and solar	64%	3,049
Not sure	11%	506

Q3...Do you agree or disagree with the following statement? The primary goal of U.S. energy policy should be achieving 100% clean energy.

Response	Percent	N
Strongly agree	42%	1,991
Somewhat agree	33%	1,566
Somewhat disagree	12%	532
Strongly disagree	8%	330
Not sure	5%	254

Q4...Generally speaking, which do you think is more likely to produce a greater number of good jobs for Americans?

Response	Percent	N
Increasing domestic production of fossil fuels such as oil and gas	27%	1,224
Increasing domestic production of renewable energy such as wind and solar	56%	2,681
Not sure	16%	768

Q5...To the best of your knowledge, is energy generated from renewable sources, such as wind and solar, more or less expensive than natural gas, or are they about the same?

Response	Percent	N
More expensive	29%	1,326
Less expensive	31%	1,457
About the same	19%	887
Not sure	21%	1,003

Q6x1...Do you consider each of the following to be a reliable source of energy, or not? - Renewable energy, such as wind and solar

Response	Percent	N
No, it is not reliable	23%	1,017
Yes, it is reliable	65%	3,081
Not sure	12%	575

Q6x2...Do you consider each of the following to be a reliable source of energy, or not? - Natural gas

Response	Percent	N
No, it is not reliable	10%	494
Yes, it is reliable	77%	3,557
Not sure	13%	622

Q6x3...Do you consider each of the following to be a reliable source of energy, or not? - Nuclear energy

Response	Percent	N
No, it is not reliable	22%	1,055
Yes, it is reliable	48%	2,189
Not sure	30%	1,429

Q7...Do you support or oppose requiring electric utility companies in the United States to generate 100% of their electricity from renewable sources, like wind and solar, by the year 2035?

Response	Percent	N
Strongly support	34%	1,614
Somewhat support	31%	1,482
Somewhat oppose	12%	548
Strongly oppose	14%	595
Not sure	9%	434

Q8...As you may know, Congress is considering a proposal to provide financial incentives to electric utility companies in the United States that increase the amount of electricity they generate from clean, renewable sources. The proposal would also impose financial penalties on electric utility companies that do not increase their use of clean, renewable sources. Do you support or oppose this proposal?

Response	Percent	N
Strongly support	32%	1,523
Somewhat support	32%	1,500
Somewhat oppose	12%	558
Strongly oppose	13%	581
Not sure	11%	511

Q9x1...Generally speaking, do you think gas appliances for home heating, water heating, and cooking are affordable and easy to maintain? [Random Half Sample]

Response	Percent	N
Yes	67%	1,554
No	18%	434
Not sure	15%	356

Q9x2...Generally speaking, do you think electric appliances for home heating, water heating, and cooking are affordable and easy to maintain? [Random Half Sample]

Response	Percent	N
Yes	68%	1,575
No	20%	450
Not sure	13%	304

Q10...Do you support or oppose offering tax incentives or rebates to homeowners, landlords, and businesses interested in switching from natural gas to electric appliances (such as efficient electric water heaters, heat pump installations, and electric induction cooktops)?

Response	Percent	N
Strongly support	27%	1,289
Somewhat support	36%	1,680
Somewhat oppose	12%	555
Strongly oppose	9%	410
Not sure	16%	739

Q11...When thinking about purchasing or renting a new home, condominium or apartment, would you prefer...?

Response	Percent	N
All electric appliances for home heating	41%	1,926
All natural gas appliances for home heating	33%	1,531
Doesn't make a difference either way	26%	1,216

Q12...Regardless of what you currently use, would you prefer to use a gas stove or an electric stove for cooking, or does it not matter either way?

Response	Percent	N
Gas stove	41%	1,903
Electric stove	42%	1,979
Doesn't matter	17%	791

Q13...To the best of your knowledge, which of the following fuel sources is primarily composed of methane?

Response	Percent	N
Biofuels, such as ethanol produced from grasses and corn	22%	1,017
Coal	5%	215
Natural gas	32%	1,486
Nuclear energy	3%	117
Oil	3%	122
Not sure	36%	1,716

Q14...In general, how clean or polluting do you think methane is?

Response	Percent	N
Very clean	8%	338
Somewhat clean	19%	876
Somewhat polluting	26%	1,210
Very polluting	16%	763
Not sure	32%	1,486

Q15...Just your best guess, in the last 10 years, do you think there has been more or less methane pollution, or has the amount of methane pollution stayed the same?

Response	Percent	N
More methane pollution	45%	2,115
About the same amount of methane pollution	40%	1,846
Less methane pollution	16%	712

Q16...As you may know, the amount of methane pollution that has been emitted has increased significantly over the last 10 years, and methane pollution from the fossil fuel industry has increased at least 40% in the last 10 years. Do you think this increase in methane pollution is having a large effect, a moderate effect, a small effect, or no real effect on climate change?

Response	Percent	N
Large effect	33%	1,573
Moderate effect	30%	1,396
Small effect	14%	624
No real effect	11%	491
Not sure	13%	589

Q17...As you may know, there's a debate going on in the federal government about whether to require oil and gas companies to reduce methane leaks from wells, pipelines and storage facilities. Supporters of this requirement say oil and gas companies have failed to do it on their own, and emissions from methane leaks are skyrocketing. Opponents of this requirement say oil and gas companies save money when they minimize methane leaks so they don't need burdensome government regulation to make these changes. What about you? Do you support or oppose requiring oil and gas companies to install technology to reduce methane leaks?

Response	Percent	N
Strongly support	42%	2,029
Somewhat support	32%	1,469
Somewhat oppose	9%	396
Strongly oppose	5%	227
Not sure	12%	552

Q18...As you may know, Congress recently voted to reinstate regulations on methane pollution, which require oil and gas companies to detect and plug methane leaks in their equipment and infrastructure. Do you support or oppose reinstating these regulations on methane pollution?

Response	Percent	N
Strongly support	42%	2,012
Somewhat support	33%	1,541
Somewhat oppose	9%	382
Strongly oppose	5%	221
Not sure	11%	517

Q19...As you may know, the U.S. Environmental Protection Agency (EPA) is working on new methane regulations that would go even further to control methane emissions than the regulations recently reinstated by Congress. Do you support or oppose the EPA taking this action?

Response	Percent	N
Strongly support	37%	1,759
Somewhat support	31%	1,453
Somewhat oppose	10%	448
Strongly oppose	8%	351
Not sure	14%	662

Q20...Below are two statements about natural gas. Which comes closest to your own view, even if neither is exactly right?

Response	Percent	N
The United States should embrace natural gas as a foundational fuel for heating, cooking and producing electricity. It can and should be used for decades to come because it is abundant, cheap, and clean.	41%	1,869
The United States should reduce our use of fossil fuels like natural gas and instead produce electricity with renewable energy, such as solar and wind, and transition to electric heating, air conditioning and cooking appliances that do not use gas. This will give us safer, healthier communities and help us avoid the worst effects of climate change.	59%	2,804

Q21...As you may know, scientists have found methane emissions from natural gas, including from leaks in gas pipelines and infrastructure, are a leading cause of climate change. Some local governments have responded by requiring builders of new homes and buildings to use heating and cooking appliances that run on electricity – produced increasingly by renewable energy – instead of fossil fuels such as natural gas. Do you support or oppose local governments requiring new homes and buildings to run entirely on electricity instead of using natural gas?

Response	Percent	N
Strongly support	26%	1,237
Somewhat support	29%	1,387
Somewhat oppose	15%	706
Strongly oppose	16%	715
Not sure	13%	628

Q22...Do you support or oppose your local government requiring all newly constructed homes and buildings to be wired so they are ready for electric appliances and electric vehicle charging, even if they are also fitted for natural gas?

Response	Percent	N
Strongly support	29%	1,406
Somewhat support	35%	1,632
Somewhat oppose	12%	535
Strongly oppose	11%	496
Not sure	13%	604

Q23...Do you support or oppose exporting more natural gas produced in the United States to countries overseas?

Response	Percent	N
Strongly support	13%	579
Somewhat support	24%	1,128
Somewhat oppose	21%	1,017
Strongly oppose	19%	880
Not sure	22%	1,069

Q24...If more natural gas produced in the United States is exported to countries overseas, do you think it will increase or decrease domestic gas prices, or will it have no impact at all?

Response	Percent	N
Increase	46%	2,128
Decrease	21%	990
No impact at all	33%	1,555

Q25...As part of coronavirus recovery, Congress is considering multi-trillion-dollar economic stimulus legislation that prioritizes investments in clean energy infrastructure and technologies. Do you support or oppose Congress passing this legislation?

Response	Percent	N
Strongly support	31%	1,477
Somewhat support	28%	1,328
Somewhat oppose	11%	519
Strongly oppose	18%	795
Not sure	12%	554

Q26...As you may know, President Biden and most Democrats in Congress support enacting multi-trillion-dollar economic stimulus legislation that prioritizes investments in clean energy infrastructure and technologies, while most Republicans in Congress oppose it. Should Democrats use their majority in Congress to pass this legislation even if no Republicans will vote for it, or not?

Response	Percent	N
No, Democrats should not pass this legislation if no Republicans will vote for it	45%	2,034
Yes, Democrats should pass this legislation even if no Republicans will vote for it	55%	2,639

Q27x1...Below is a list of investments that some members of Congress have suggested should be part of an infrastructure bill. Do you support or oppose each of the following? - Expanding tax credits and other incentives to increase production of renewable energy such as solar and wind

Response	Percent	N
Strongly support	35%	1,695
Somewhat support	33%	1,545
Somewhat oppose	11%	482
Strongly oppose	11%	488
Not sure	10%	463

Q27x2...Below is a list of investments that some members of Congress have suggested should be part of an infrastructure bill. Do you support or oppose each of the following? - Building new power lines to transport renewable energy produced in the United States

Response	Percent	N
Strongly support	38%	1,813
Somewhat support	36%	1,699
Somewhat oppose	8%	371
Strongly oppose	7%	317
Not sure	10%	473

Q27x3...Below is a list of investments that some members of Congress have suggested should be part of an infrastructure bill. Do you support or oppose each of the following? - Funding projects to transition to all-electric buildings that do not use fossil fuels

Response	Percent	N
Strongly support	28%	1,354
Somewhat support	29%	1,395
Somewhat oppose	14%	632
Strongly oppose	15%	676
Not sure	13%	616

Q27x4...Below is a list of investments that some members of Congress have suggested should be part of an infrastructure bill. Do you support or oppose each of the following? - Expanding tax credits and rebates for all-electric cars, trucks, and charging stations

Response	Percent	N
Strongly support	29%	1,403
Somewhat support	32%	1,522
Somewhat oppose	13%	604
Strongly oppose	14%	609
Not sure	11%	535

Q27x5...Below is a list of investments that some members of Congress have suggested should be part of an infrastructure bill. Do you support or oppose each of the following? - Assisting states and regions recovering from recent extreme weather and climate disasters

Response	Percent	N
Strongly support	43%	2,053
Somewhat support	37%	1,732
Somewhat oppose	7%	309
Strongly oppose	5%	207
Not sure	8%	372

Q27x6...Below is a list of investments that some members of Congress have suggested should be part of an infrastructure bill. Do you support or oppose each of the following? -Building public charging stations for electric vehicles

Response	Percent	N
Strongly support	34%	1,636
Somewhat support	34%	1,621
Somewhat oppose	11%	504
Strongly oppose	11%	491
Not sure	9%	421

Q27x7...Below is a list of investments that some members of Congress have suggested should be part of an infrastructure bill. Do you support or oppose each of the following? - Building public transportation options such as high-speed rail, subway and light rail systems, electric buses, and bicycle lanes

Response	Percent	N
Strongly support	36%	1,739
Somewhat support	36%	1,671
Somewhat oppose	10%	472
Strongly oppose	8%	358
Not sure	9%	433

Q27x8...Below is a list of investments that some members of Congress have suggested should be part of an infrastructure bill. Do you support or oppose each of the following? - Building and reinforcing infrastructure to withstand the effects of climate change and protect vulnerable communities from extreme weather dangers like severe flooding and hurricanes

Response	Percent	N
Strongly support	41%	1,968
Somewhat support	34%	1,599
Somewhat oppose	8%	349
Strongly oppose	8%	337
Not sure	9%	420

Q28x1...As you may know, Congress is considering raising taxes to pay for new spending on infrastructure in the United States. Do you support or oppose the following as ways to pay for additional infrastructure spending? - Raising taxes on corporations

Response	Percent	N
Strongly support	40%	1,905
Somewhat support	25%	1,175
Somewhat oppose	13%	587
Strongly oppose	15%	636
Not sure	8%	370

Q28x2...As you may know, Congress is considering raising taxes to pay for new spending on infrastructure in the United States. Do you support or oppose the following as ways to pay for additional infrastructure spending? - Raising taxes on individuals making more than \$452,700 a year and married couples making more than \$509,300 a year

Response	Percent	N
Strongly support	40%	1,900
Somewhat support	26%	1,229
Somewhat oppose	11%	507
Strongly oppose	15%	659
Not sure	8%	378

Q28x3...As you may know, Congress is considering raising taxes to pay for new spending on infrastructure in the United States. Do you support or oppose the following as ways to pay for additional infrastructure spending? - Enacting an annual wealth tax, which would tax individuals 2% on their net worth over \$50 million

Response	Percent	N
Strongly support	45%	2,160
Somewhat support	23%	1,060
Somewhat oppose	10%	428
Strongly oppose	14%	613
Not sure	9%	412

Q28x4...As you may know, Congress is considering raising taxes to pay for new spending on infrastructure in the United States. Do you support or oppose the following as ways to pay for additional infrastructure spending? - Requiring fossil fuel companies to pay a tax on their carbon pollution

Response	Percent	N
Strongly support	39%	1,855
Somewhat support	25%	1,180
Somewhat oppose	11%	499
Strongly oppose	15%	651
Not sure	10%	488

Q28x5...As you may know, Congress is considering raising taxes to pay for new spending on infrastructure in the United States. Do you support or oppose the following as ways to pay for additional infrastructure spending? - Increasing the gasoline tax to adjust for inflation

Response	Percent	N
Strongly support	14%	638
Somewhat support	20%	951
Somewhat oppose	22%	1,036
Strongly oppose	34%	1,553
Not sure	10%	495

Q28x6...As you may know, Congress is considering raising taxes to pay for new spending on infrastructure in the United States. Do you support or oppose the following as ways to pay for additional infrastructure spending? - Increasing taxes on capital gains, or income made from investments, for individuals making more than \$1 million a year

Response	Percent	N
Strongly support	41%	1,985
Somewhat support	25%	1,145
Somewhat oppose	11%	482
Strongly oppose	15%	685
Not sure	8%	376

Q29...Do you support or oppose creation of a jobs program that would employ currently unemployed oil and gas workers to safely close down tens of thousands of abandoned oil and gas wells, which are a source of water and methane pollution?

Response	Percent	N
Strongly support	37%	1,790
Somewhat support	31%	1,456
Somewhat oppose	8%	367
Strongly oppose	9%	382
Not sure	15%	678

Q30...If a jobs program to employ currently unemployed oil and gas workers to plug and secure tens of thousands of abandoned oil and gas wells were created, would you support or oppose requiring oil and gas companies to pay for at least some of the costs of this program?

Response	Percent	N
Strongly support	35%	1,660
Somewhat support	33%	1,523
Somewhat oppose	9%	396
Strongly oppose	10%	433
Not sure	14%	661

Q31x1...Please indicate how likely you would be to vote for a candidate for political office who supports the policies listed below. If you don't care about a specific issue or policy or don't know enough, just say so. - Providing a multi-trillion-dollar federal economic stimulus that prioritizes investments in clean energy infrastructure

Response	Percent	N
I would ONLY vote for a candidate who supports this policy	15%	730
I would be more likely to vote for a candidate who supports this policy	43%	2,055
I would be less likely to vote for a candidate who supports this policy	13%	570
I would NEVER vote for a candidate who supports this policy	14%	616
I don't really care about this issue / Don't know	15%	702

Q31x2...Please indicate how likely you would be to vote for a candidate for political office who supports the policies listed below. If you don't care about a specific issue or policy or don't know enough, just say so. - Adopting stronger regulations on methane pollution

Response	Percent	N
I would ONLY vote for a candidate who supports this policy	15%	713
I would be more likely to vote for a candidate who supports this policy	47%	2,259
I would be less likely to vote for a candidate who supports this policy	12%	508
I would NEVER vote for a candidate who supports this policy	8%	355
I don't really care about this issue / Don't know	18%	838

Q31x3...Please indicate how likely you would be to vote for a candidate for political office who supports the policies listed below. If you don't care about a specific issue or policy or don't know enough, just say so. - Providing financial incentives to electric utility companies in the United States that increase the amount of electricity they generate from clean, renewable sources, and imposing financial penalties on electric utilities that do not.

Response	Percent	N
I would ONLY vote for a candidate who supports this policy	16%	755
I would be more likely to vote for a candidate who supports this policy	47%	2,224
I would be less likely to vote for a candidate who supports this policy	13%	572
I would NEVER vote for a candidate who supports this policy	10%	435
I don't really care about this issue / Don't know	15%	687

Q31x4...Please indicate how likely you would be to vote for a candidate for political office who supports the policies listed below. If you don't care about a specific issue or policy or don't know enough, just say so. - Requiring fossil fuel companies to pay a tax on their carbon pollution

Response	Percent	N
I would ONLY vote for a candidate who supports this policy	17%	791
I would be more likely to vote for a candidate who supports this policy	45%	2,129
I would be less likely to vote for a candidate who supports this policy	12%	549
I would NEVER vote for a candidate who supports this policy	12%	526
I don't really care about this issue / Don't know	14%	678

Sample Statistics (Weighted Frequencies)

Var1	Freq
Age18-34	25.1%
Age35-54	33%
Age55+	41.9%
Gender-Female	53%
Gender-Male	47%
Race-Black	13.3%
Race-Other	4.1%
Race-White	82.6%
Education-Advanced	13.4%
Education-Bachelors	23.6%
Education-LessThanBachelors	62.9%
party-ID: Democrat	38%
party-ID: Independent	24.6%
party-ID: Republican	34.9%
party-ID: Something else	2.5%
Vote2020: Biden	45.5%
Vote2020: Didn't Vote	11%
Vote2020: Someone else	2%
Vote2020: Trump	41.5%