



ABC Public Affairs

2023 PA Energy Policy Survey

Survey Results

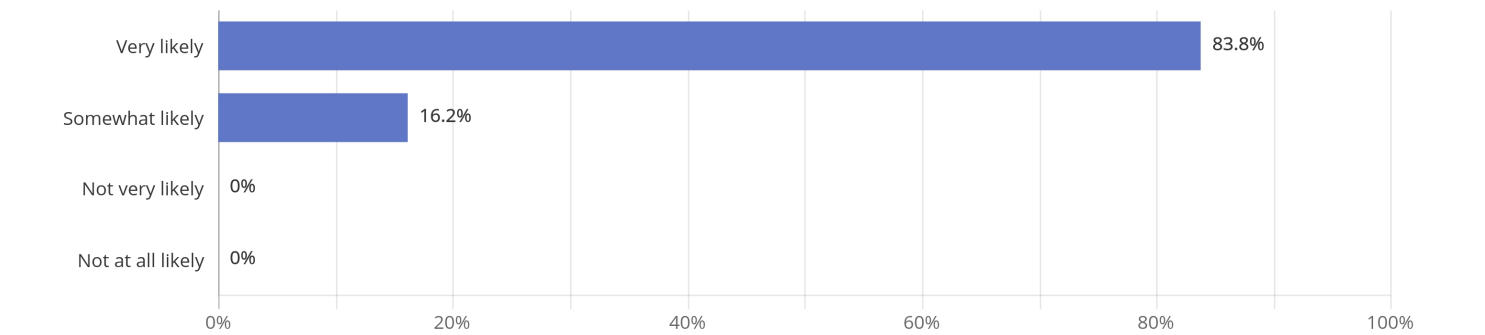
Performed by ABC Public Affairs

The 2023 PA Energy Policy Survey was conducted by online interviews from December 10-12 among a random sample of 1022 likely 2024 voters. The survey has a margin of error of +/- 3 percentage points.

Q1 : 2024 Voter Propensity

When thinking about the 2024 general election, how likely would you say that you are to vote?

Sample Size: 1,022

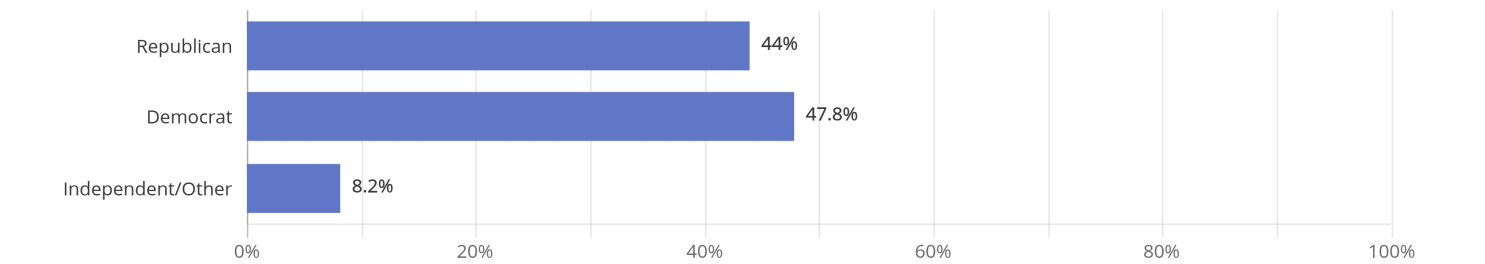


Value	Frequency	Percent
Very likely	856	83.8%
Somewhat likely	166	16.2%
Not very likely	0	0%
Not at all likely	0	0%
Total	1,022	100%

Q2 : Political Party Reg

What political party are you officially registered with?

Sample Size: 1,022



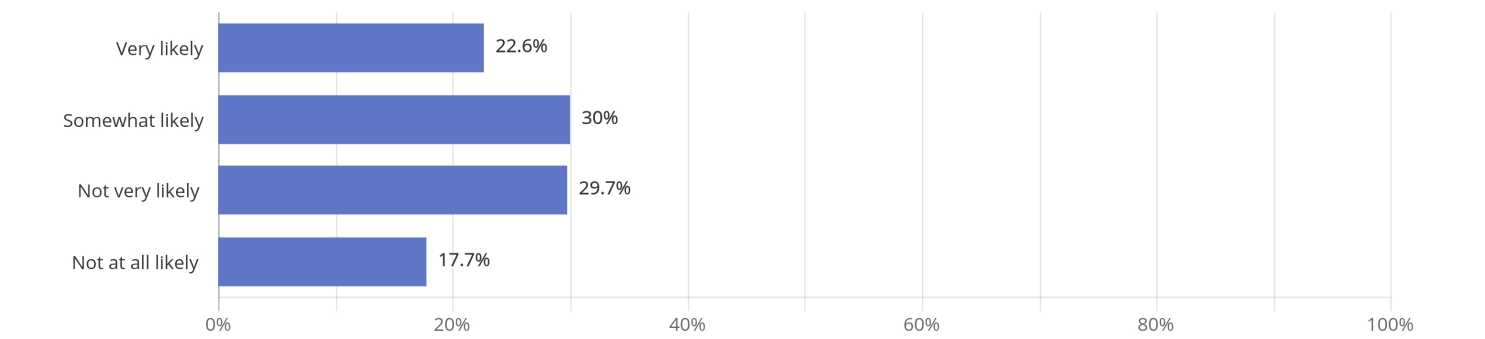
Legend

- Republican
- Democrat
- Independent/Other

Value	Frequency	Percent
Republican	449	44%
Democrat	489	47.8%
Independent/Other	84	8.2%
Total	1,022	100%

Q8 : Future Elections Different Party

Thinking ahead to future elections, what is the likelihood that you would consider voting for a candidate that does not share your party label?
Sample Size: 823

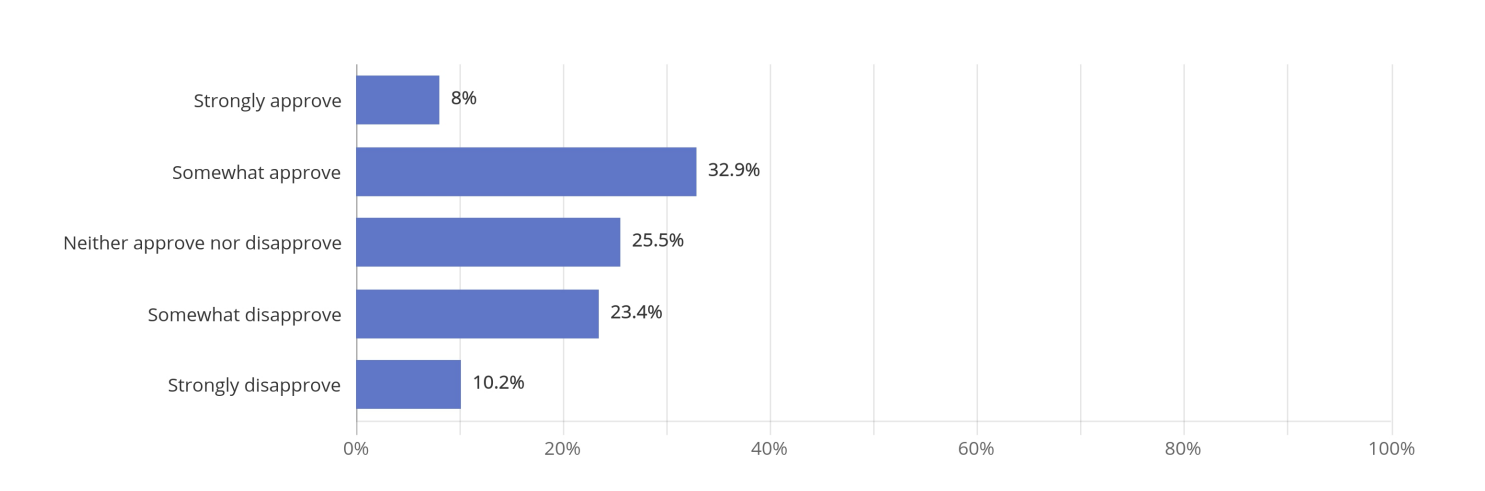


Value	Frequency	Percent
Very likely	186	22.6%
Somewhat likely	247	30%
Not very likely	244	29.7%
Not at all likely	146	17.7%
Total	823	100%

Q9 : PA State Legislature Approval

Generally speaking, how would you rate the job performance of the Pennsylvania state legislature overall?

Sample Size: 1,022

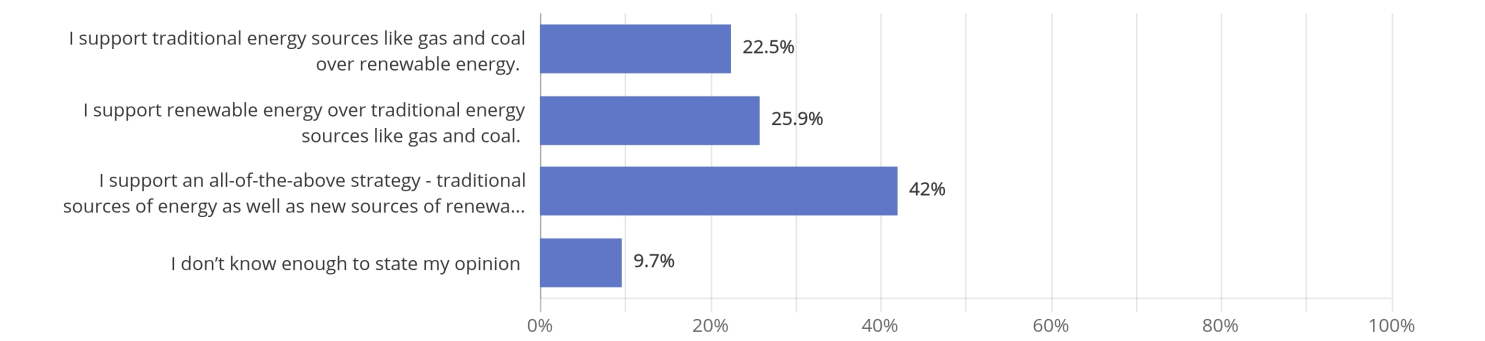


Value	Frequency	Percent
Strongly approve	82	8%
Somewhat approve	336	32.9%
Neither approve nor disapprove	260	25.5%
Somewhat disapprove	239	23.4%
Strongly disapprove	104	10.2%
Total	1,022	100%

Q10 : PA Energy Infrastructure

Generally speaking, when thinking about the future of Pennsylvania's energy infrastructure, which of the following statements most accurately reflects your opinion:

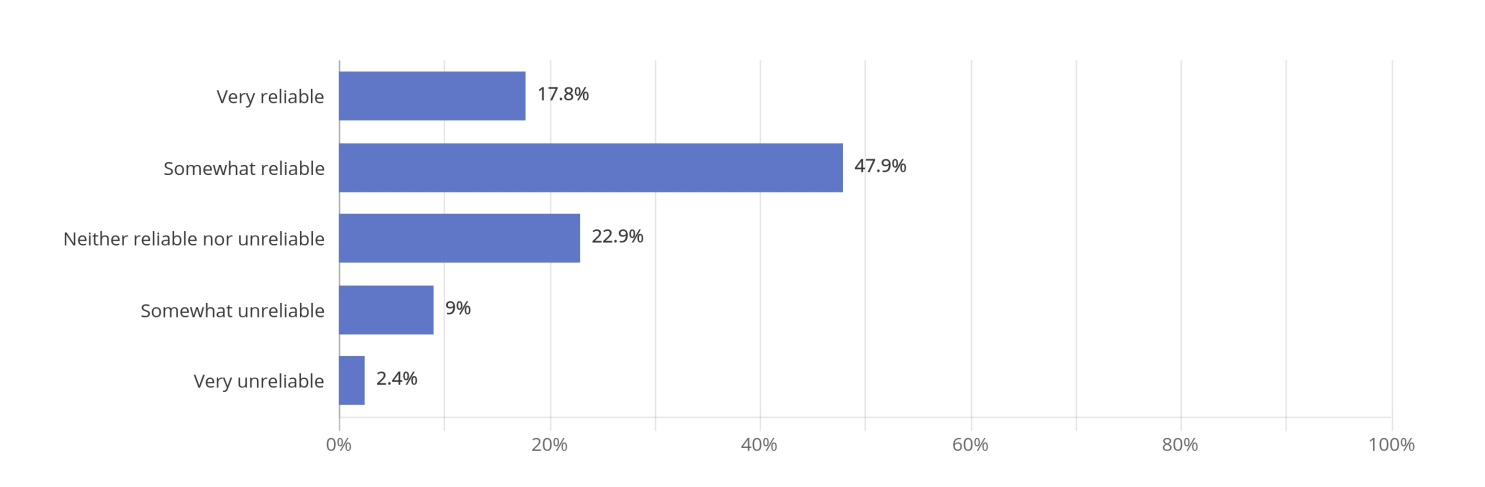
Sample Size: 1,022



Value	Frequency	Percent
I support traditional energy sources like gas and coal over renewable energy.	230	22.5%
I support renewable energy over traditional energy sources like gas and coal.	264	25.9%
I support an all-of-the-above strategy - traditional sources of energy as well as new sources of renewable energy including new technologies like battery storage.	429	42%
I don't know enough to state my opinion	99	9.7%
Total	1,022	100%

Q11 : Power Grid Reliability

Generally speaking, how reliable do you perceive Pennsylvania's power grid to be?
Sample Size: 1,022

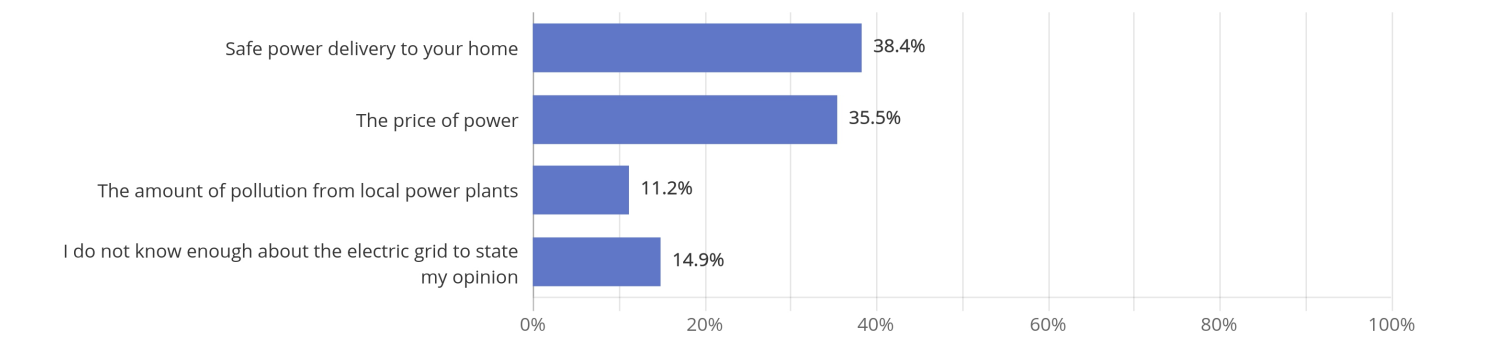


Value	Frequency	Percent
Very reliable	182	17.8%
Somewhat reliable	489	47.9%
Neither reliable nor unreliable	234	22.9%
Somewhat unreliable	92	9%
Very unreliable	24	2.4%
Total	1,022	100%

Q12 : Power Grid Importance

What is most important to you when you think about the power grid?

Sample Size: 1,022

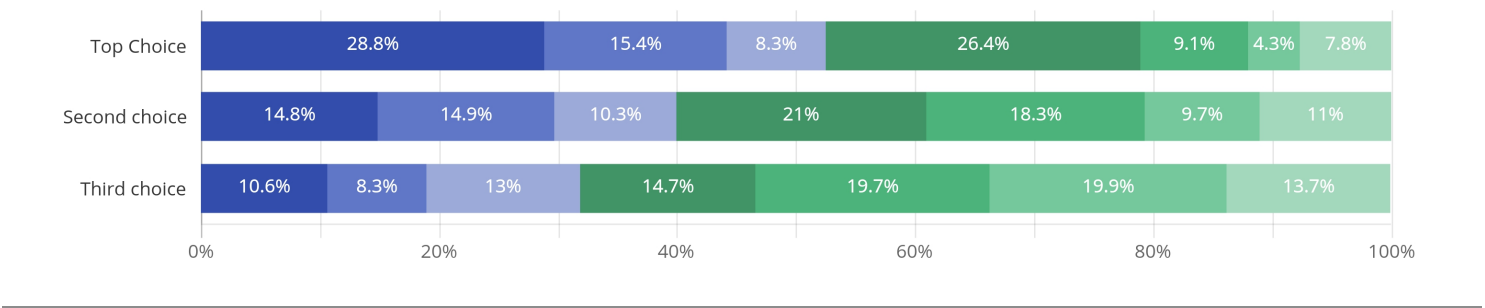


Value	Frequency	Percent
Safe power delivery to your home	392	38.4%
The price of power	363	35.5%
The amount of pollution from local power plants	114	11.2%
I do not know enough about the electric grid to state my opinion	152	14.9%
Total	1,022	100%

Q13 : Top Energy Choice

The Pennsylvania electricity supply comes from multiple sources that include coal, hydroelectric, nuclear, natural gas, solar power, and wind power. As you think about these sources of electricity, please select your TOP CHOICE that is most appealing to you and that you would like to see more use of in Pennsylvania.

Sample Size: 1,022



Legend

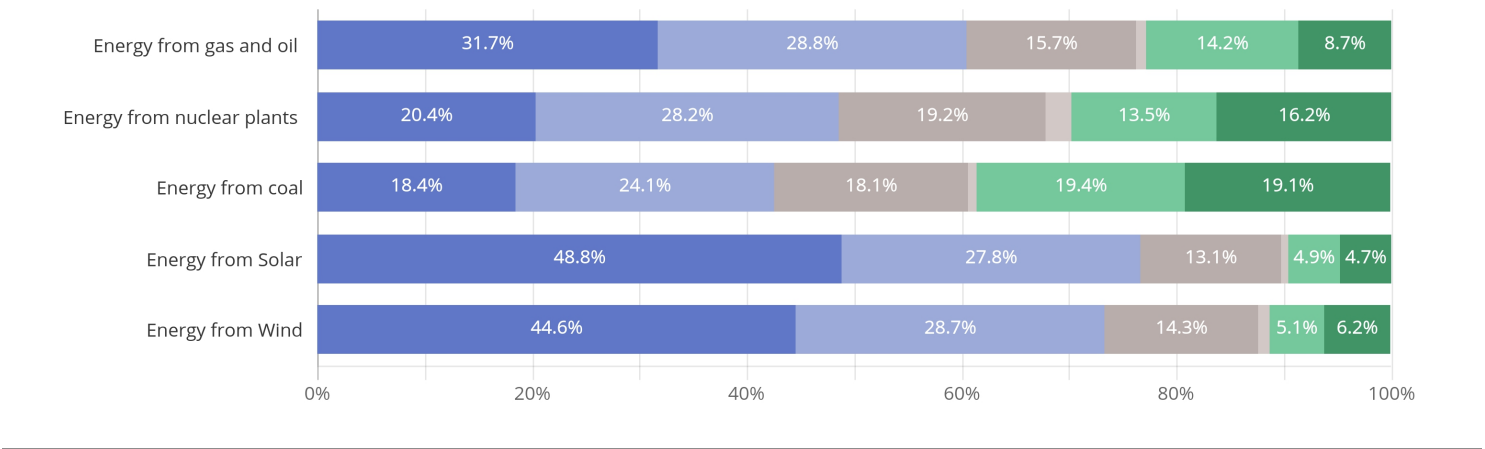
- Energy natural gas power plants
- Energy from nuclear plants
- Energy from coal
- Energy from Solar
- Energy from Wind
- Energy from hydroelectric dams
- Energy from batteries that store power from wind or solar

	Energy natural gas power plants	Energy from nuclear plants	Energy from coal	Energy from Solar	Energy from Wind	Energy from hydroelectric dams	Energy from batteries that store power from wind or solar	Total
R1 Top Choice	28.8% 294	15.4% 157	8.3% 84	26.4% 270	9.1% 93	4.3% 44	7.8% 80	100% 1,022
R2 Second choice	14.8% 151	14.9% 152	10.3% 106	21% 214	18.3% 188	9.7% 99	11% 112	100% 1,022
R3 Third choice	10.6% 109	8.3% 85	13% 133	14.7% 151	19.7% 201	19.9% 203	13.7% 140	100% 1,022

Q14 : Energy Favorability Scale

Now we are going to list a few options for sources of energy in Pennsylvania. Please rate them based on how overall favorable you perceive the energy source to be.

Sample Size: 1,022



Legend

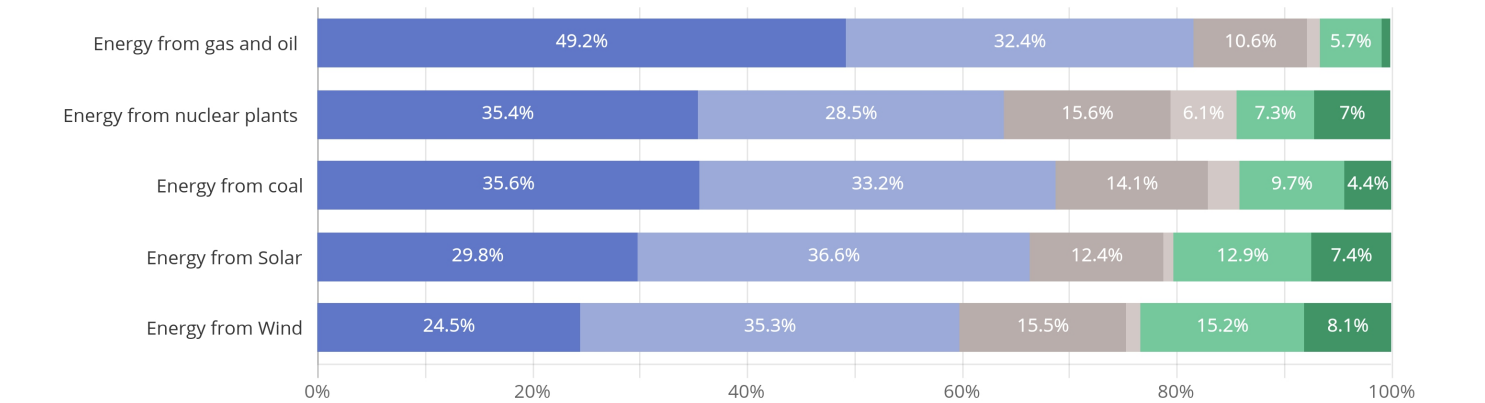
- Very favorable
- Somewhat favorable
- Neither favorable nor unfavorable
- Unsure
- Somewhat unfavorable
- Very unfavorable

	Very favorable	Somewhat favorable	Neither favorable nor unfavorable	Unsure	Somewhat unfavorable	Very unfavorable	Total
R1 Energy from gas and oil	31.7% 324	28.8% 294	15.7% 160	1% 10	14.2% 145	8.7% 88	100% 1,022
R2 Energy from nuclear plants	20.4% 209	28.2% 288	19.2% 197	2.5% 25	13.5% 138	16.2% 165	100% 1,022
R3 Energy from coal	18.4% 188	24.1% 247	18.1% 185	0.8% 8	19.4% 198	19.1% 195	100% 1,022
R4 Energy from Solar	48.8% 499	27.8% 284	13.1% 134	0.7% 7	4.9% 50	4.7% 48	100% 1,022
R5 Energy from Wind	44.6% 456	28.7% 293	14.3% 146	1.1% 11	5.1% 52	6.2% 64	100% 1,022

Q15 : Energy Reliability Scale

Now we are going to list a few options for sources of energy in Pennsylvania. Please rate them based on how overall reliable you perceive the energy source to be.

Sample Size: 1,022



Legend

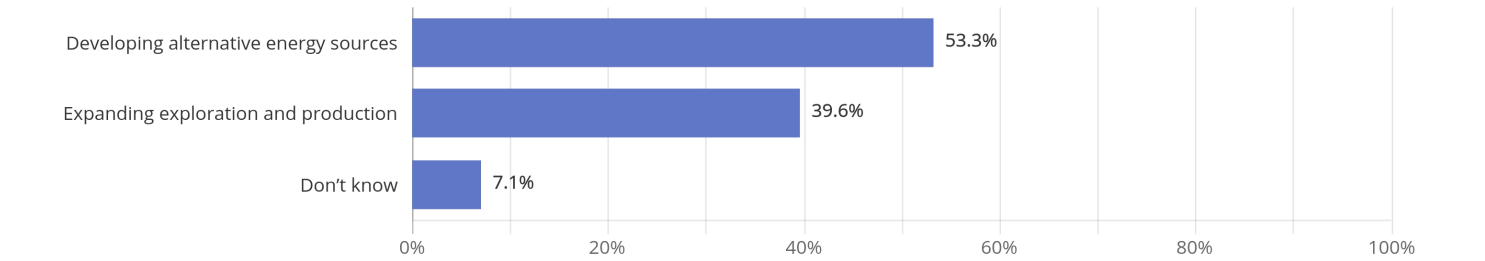
- Very reliable
- Somewhat reliable
- Neither reliable or unreliable
- Unsure
- Somewhat unreliable
- Very unreliable

	Very reliable	Somewhat reliable	Neither reliable or unreliable	Unsure	Somewhat unreliable	Very unreliable	Total
R1 Energy from gas and oil	49.2% 503	32.4% 331	10.6% 109	1.2% 13	5.7% 58	0.8% 9	100% 1,022
R2 Energy from nuclear plants	35.4% 362	28.5% 291	15.6% 160	6.1% 62	7.3% 74	7% 72	100% 1,022
R3 Energy from coal	35.6% 364	33.2% 340	14.1% 144	3% 31	9.7% 99	4.4% 45	100% 1,022
R4 Energy from Solar	29.8% 305	36.6% 374	12.4% 127	0.9% 9	12.9% 132	7.4% 76	100% 1,022
R5 Energy from Wind	24.5% 250	35.3% 360	15.5% 159	1.4% 15	15.2% 156	8.1% 82	100% 1,022

Q16 : Energy Supply Priority

Right now, which ONE of the following do you think should be the more important priority for addressing America’s energy supply: developing alternative energy sources such as wind, solar, and hydrogen technology OR expanding exploration and production of oil, coal, and natural gas?

Sample Size: 1,022



Legend

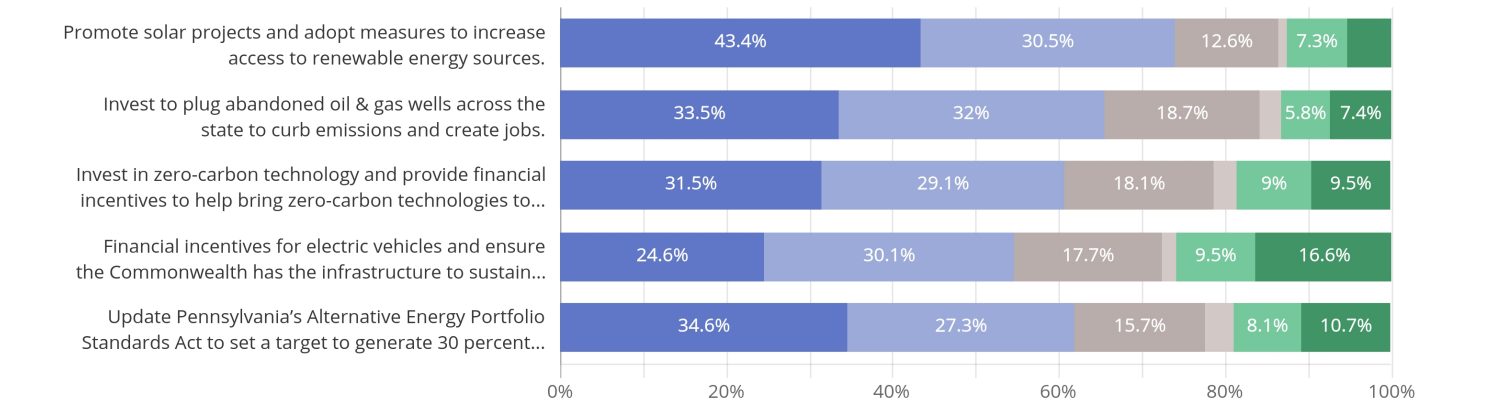
- Developing alternative energy sources
- Expanding exploration and production
- Don't know

Value	Frequency	Percent
Developing alternative energy sources	545	53.3%
Expanding exploration and production	405	39.6%
Don't know	73	7.1%
Total	1,022	100%

Q20 : Solar Project Support

Below are some policy positions that Governor-elect Josh Shapiro has outlined regarding energy & the environment. For each one, please indicate whether you would support or oppose these policies.

Sample Size: 1,022



Legend

- Strongly support

Neither support nor oppose

Somewhat oppose
- Somewhat support

Not sure

Strongly oppose

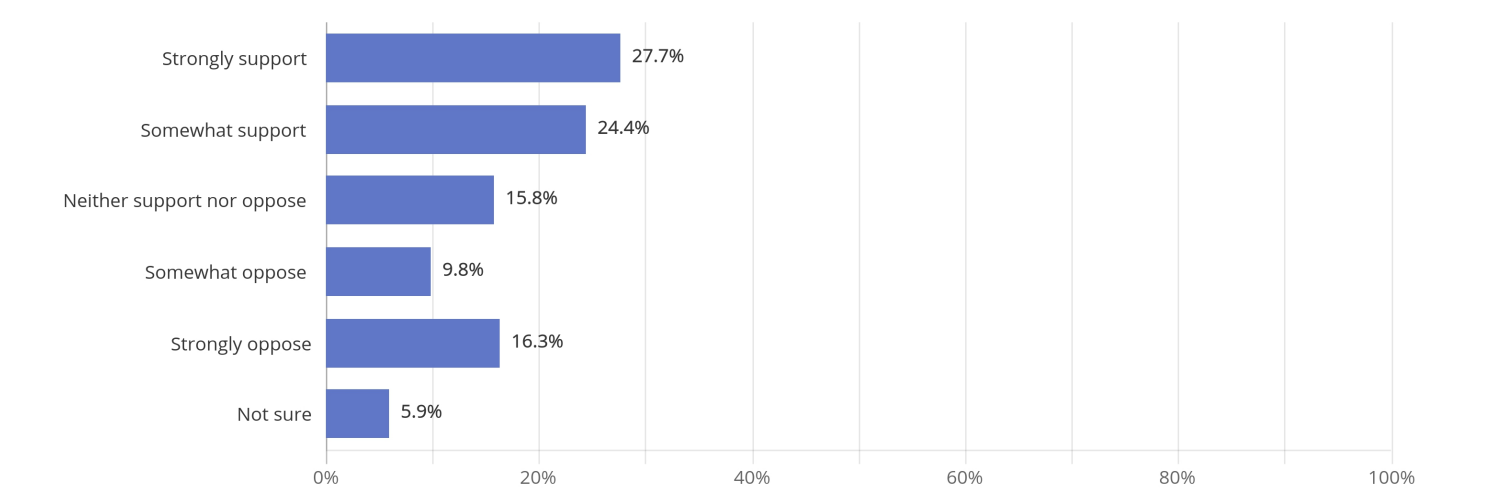
	Strongly support	Somewhat support	Neither support nor oppose	Not sure	Somewhat oppose	Strongly oppose	Total
R1 Promote solar projects and adopt measures to increase access to renewable energy sources.	43.4% 443	30.5% 312	12.6% 128	0.9% 9	7.3% 75	5.4% 55	100% 1,022
R2 Invest to plug abandoned oil & gas wells across the state to curb emissions and create jobs.	33.5% 342	32% 327	18.7% 191	2.6% 27	5.8% 60	7.4% 75	100% 1,022

	Strongly support	Somewhat support	Neither support nor oppose	Not sure	Somewhat oppose	Strongly oppose	Total
R3 Invest in zero-carbon technology and provide financial incentives to help bring zero-carbon technologies to commercial readiness.	31.5% 322	29.1% 297	18.1% 185	2.7% 28	9% 92	9.5% 98	100% 1,022
R4 Financial incentives for electric vehicles and ensure the Commonwealth has the infrastructure to sustain the growth.	24.6% 251	30.1% 307	17.7% 181	1.7% 17	9.5% 97	16.6% 169	100% 1,022
R5 Update Pennsylvania's Alternative Energy Portfolio Standards Act to set a target to generate 30 percent of Pennsylvania's energy from renewable sources by 2030 and set a goal for Pennsylvania to reach net-zero emissions by 2050.	34.6% 354	27.3% 279	15.7% 161	3.5% 36	8.1% 82	10.7% 110	100% 1,022

Q21 : PA In RGGI Support

Do you favor or oppose Pennsylvania joining the Regional Greenhouse Gas Initiative (RGGI), the multi-state organization that caps carbon emissions from power plants and forces plant owners to purchase credits to cover their greenhouse gas output?

Sample Size: 1,021

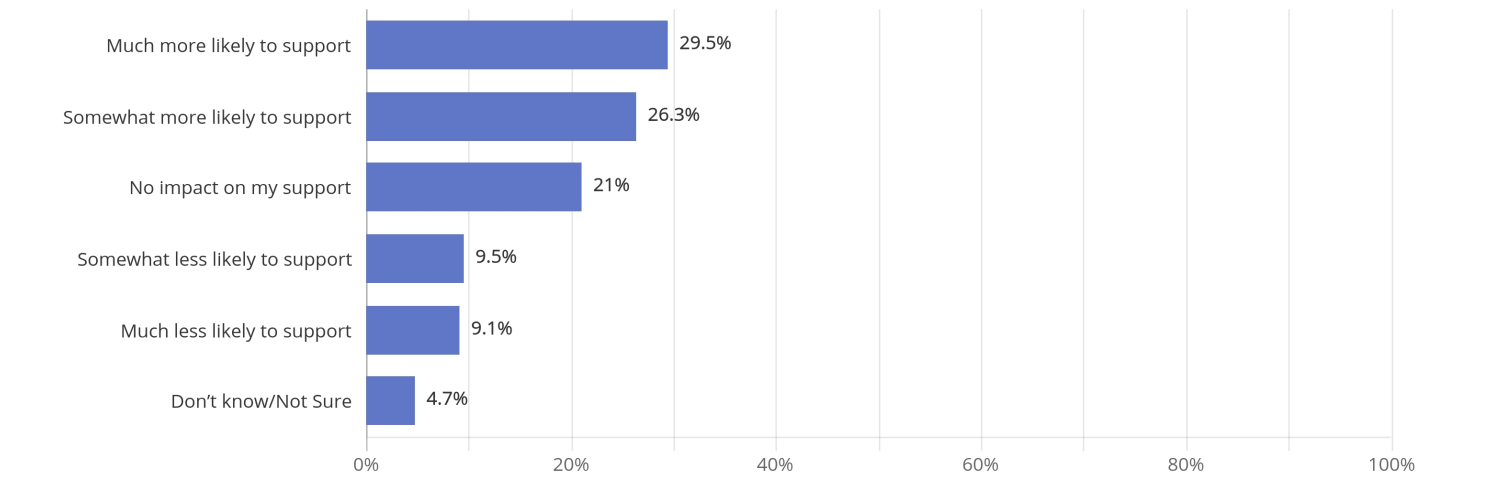


Value	Frequency	Percent
Strongly support	283	27.7%
Somewhat support	250	24.4%
Neither support nor oppose	162	15.8%
Somewhat oppose	100	9.8%
Strongly oppose	167	16.3%
Not sure	61	5.9%
Total	1,021	100%

Q22 : Expanding Renewable Energy Support

If your State Senator or State House member introduced legislation that expanded renewable energy in Pennsylvania, would you be more likely or less likely to support them in future elections?

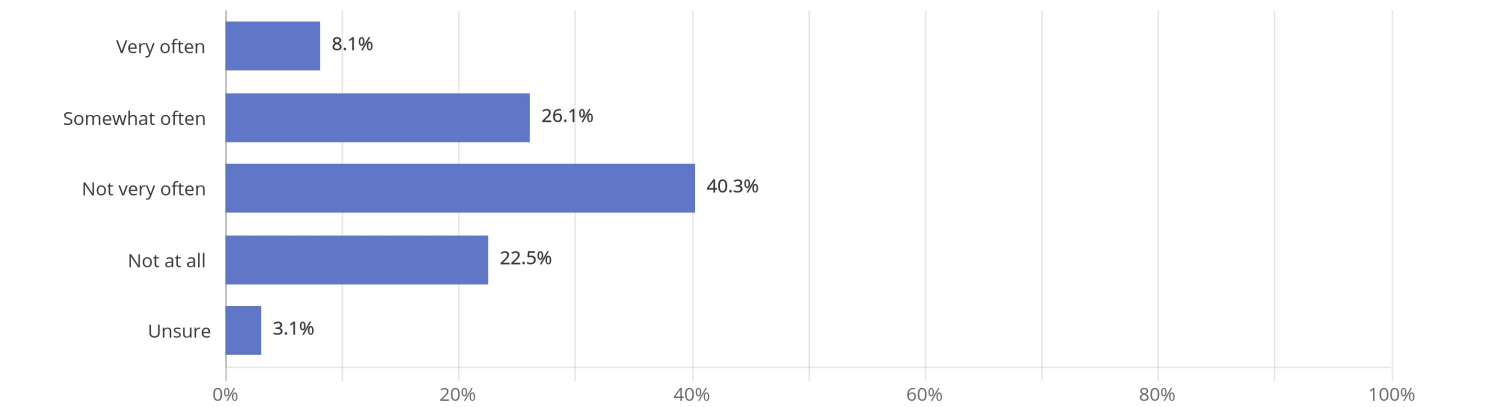
Sample Size: 1,022



Value	Frequency	Percent
Much more likely to support	301	29.5%
Somewhat more likely to support	269	26.3%
No impact on my support	215	21%
Somewhat less likely to support	97	9.5%
Much less likely to support	93	9.1%
Don't know/Not Sure	48	4.7%
Total	1,022	100%

Q23 : PA Energy Discussion

When thinking about topics you discuss with your close friends and family, how often would you say you discuss Pennsylvania's energy infrastructure?
Sample Size: 1,022

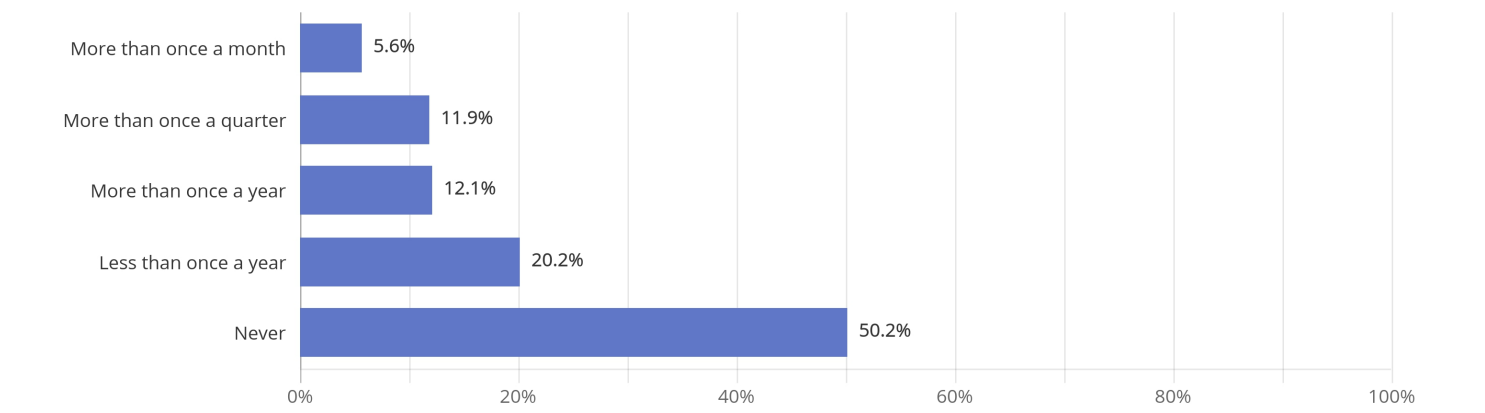


Value	Frequency	Percent
Very often	83	8.1%
Somewhat often	266	26.1%
Not very often	412	40.3%
Not at all	229	22.5%
Unsure	32	3.1%
Total	1,022	100%

Q24 : Contacted Official About Issue

In the past 3 years, how often have you contacted a local or elected official about an issue?

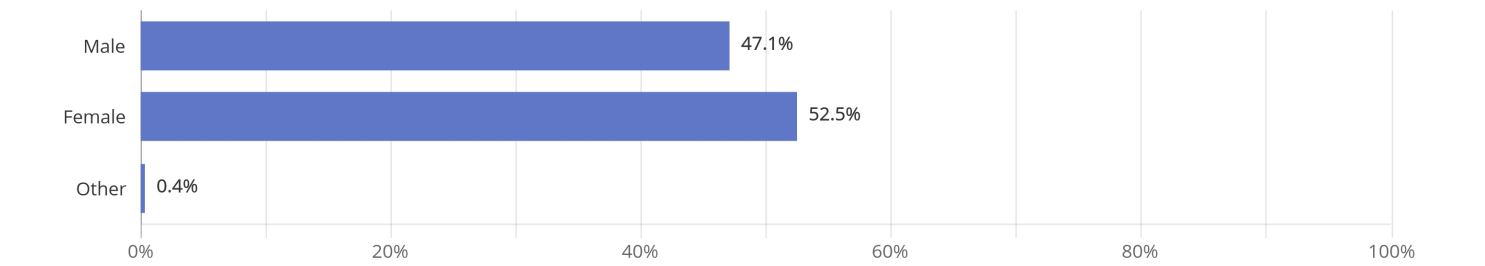
Sample Size: 1,022



Value	Frequency	Percent
More than once a month	57	5.6%
More than once a quarter	122	11.9%
More than once a year	124	12.1%
Less than once a year	206	20.2%
Never	513	50.2%
Total	1,022	100%

Q25 : Gender

What is your gender?
Sample Size: 1,022



Legend

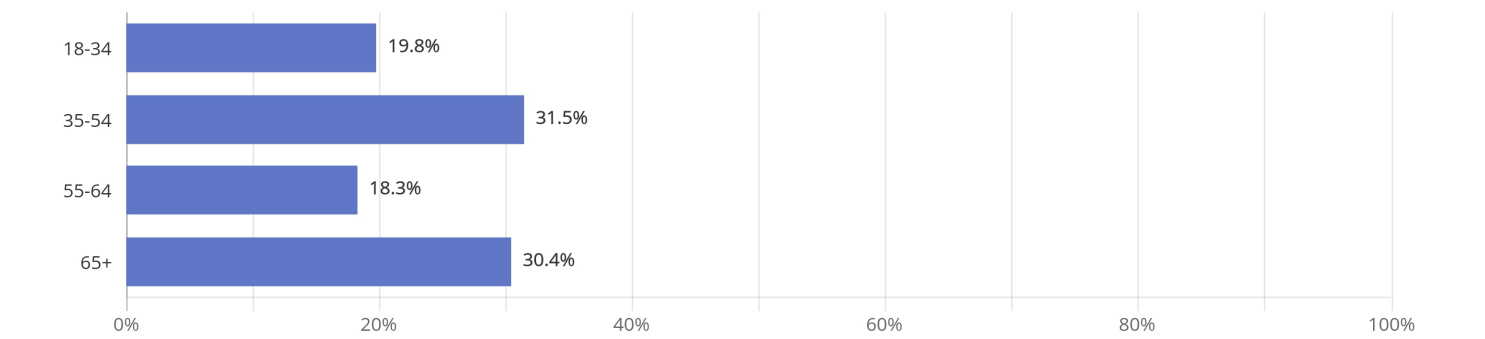
- Male
- Female
- Other

Value	Frequency	Percent
Male	481	47.1%
Female	536	52.5%
Other	4	0.4%
Total	1,022	100%

Q26 : Age

Which of the following is your age range?

Sample Size: 1,022

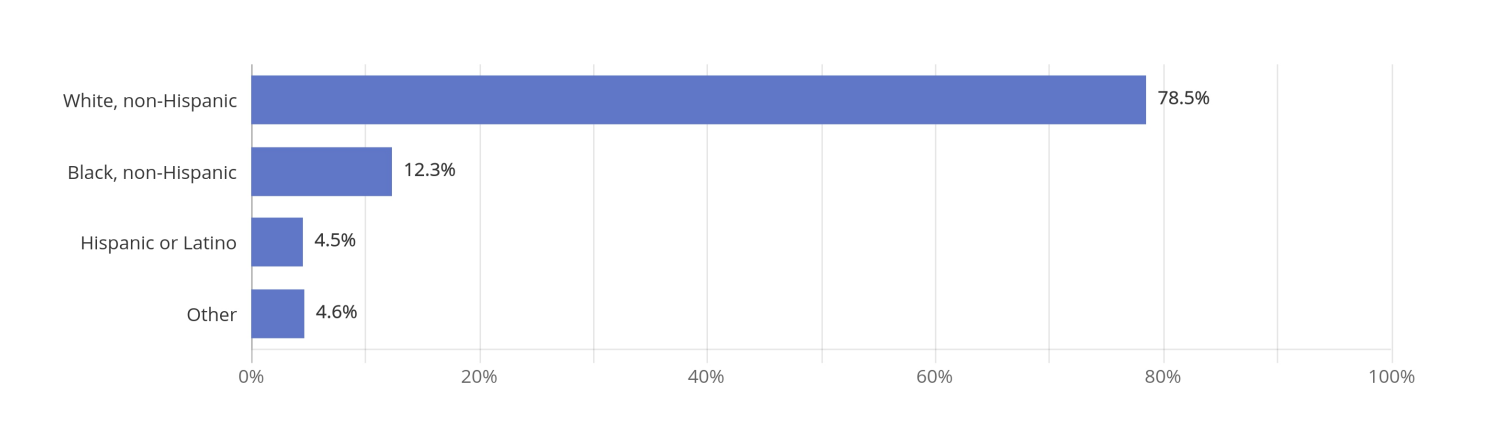


Value	Frequency	Percent
18-34	202	19.8%
35-54	322	31.5%
55-64	187	18.3%
65+	311	30.4%
Total	1,022	100%

Q27 : Race

What is your race or ethnic background?

Sample Size: 1,022

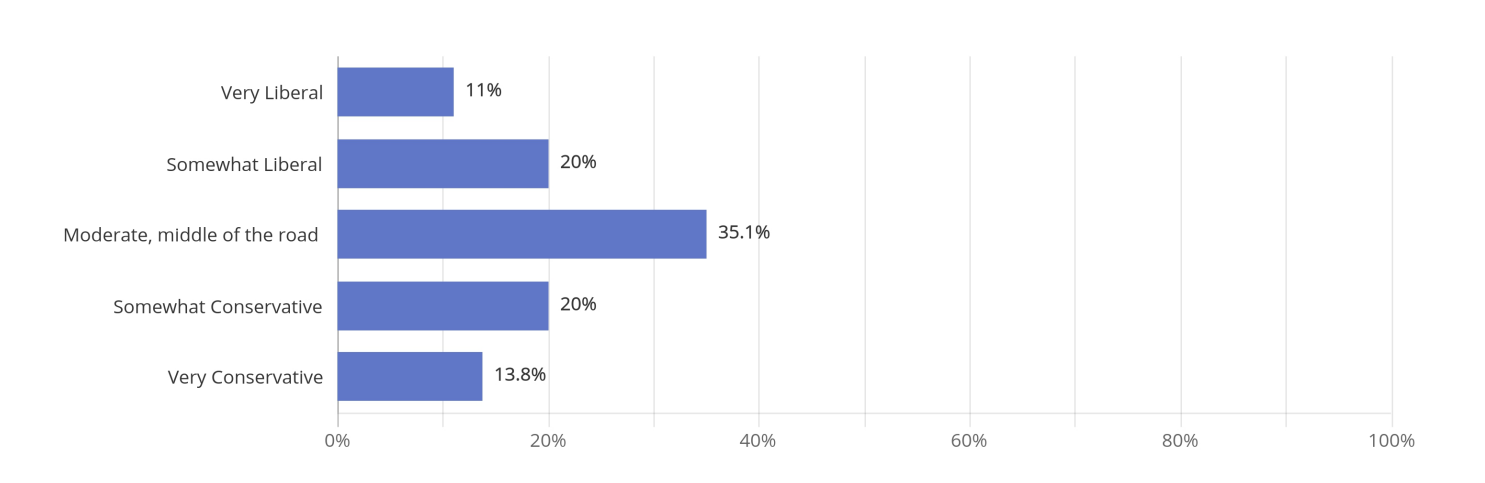


Value	Frequency	Percent
White, non-Hispanic	802	78.5%
Black, non-Hispanic	126	12.3%
Hispanic or Latino	46	4.5%
Other	47	4.6%
Total	1,022	100%

Q28 : Ideology

In general, do you think of yourself as...

Sample Size: 1,022

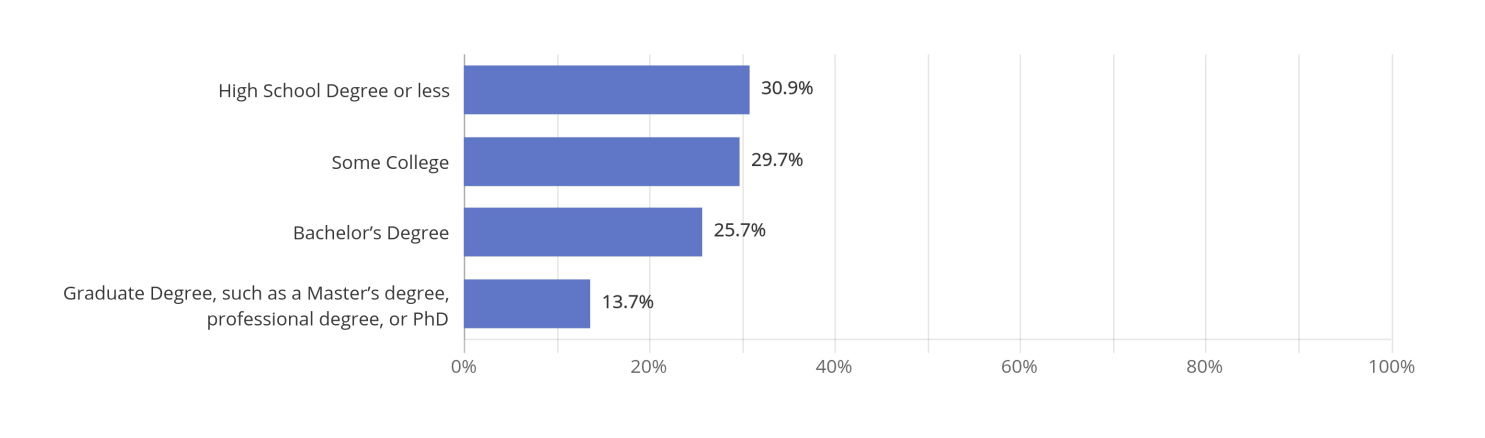


Value	Frequency	Percent
Very Liberal	113	11%
Somewhat Liberal	205	20%
Moderate, middle of the road	359	35.1%
Somewhat Conservative	205	20%
Very Conservative	141	13.8%
Total	1,022	100%

Q29 : Education

What is the last year of schooling that you have completed?

Sample Size: 1,022

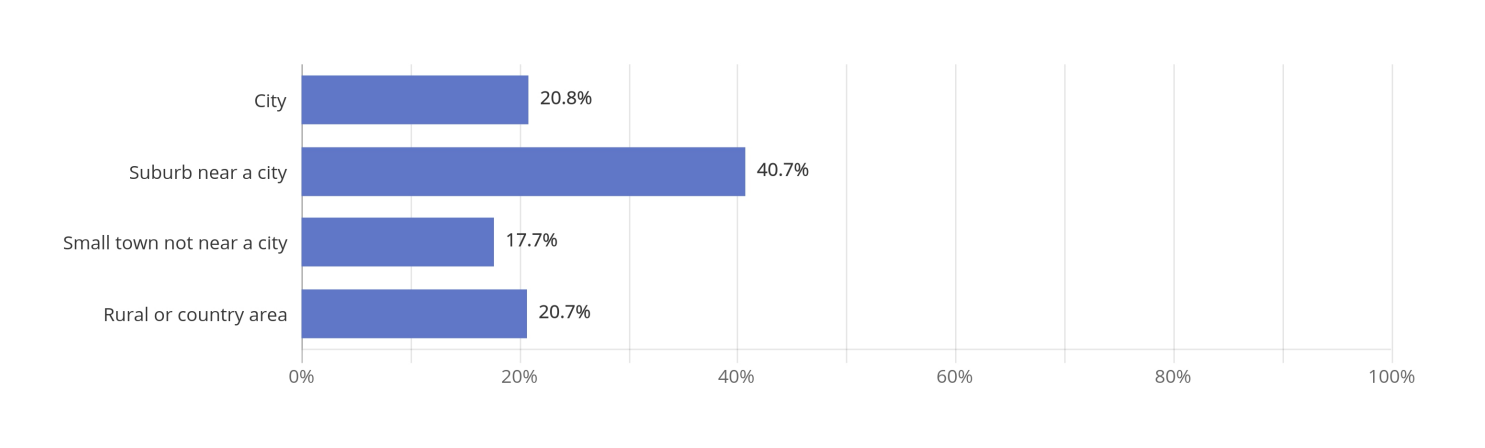


Value	Frequency	Percent
High School Degree or less	316	30.9%
Some College	303	29.7%
Bachelor's Degree	262	25.7%
Graduate Degree, such as a Master's degree, professional degree, or PhD	140	13.7%
Total	1,022	100%

Q31 : Urbanicity

How would you describe the area in which you live?

Sample Size: 1,022

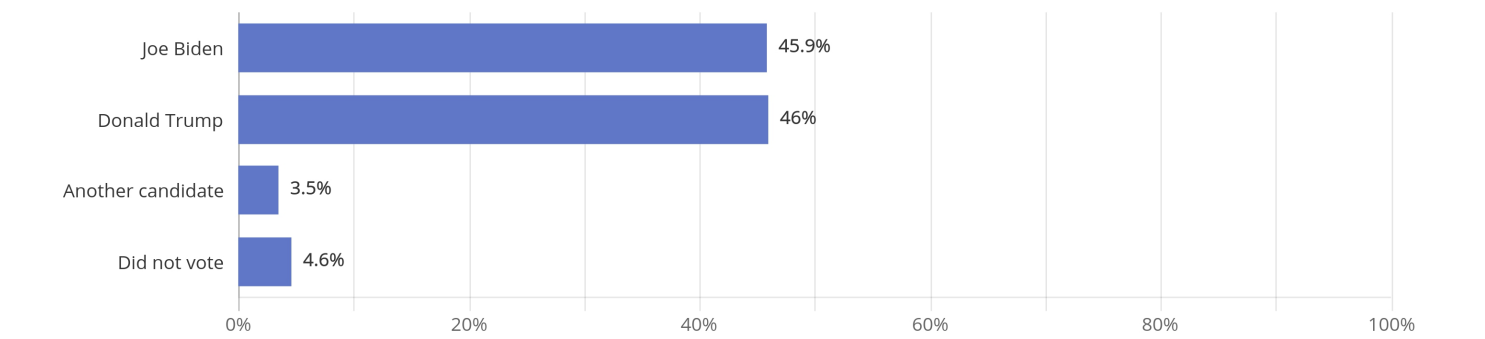


Value	Frequency	Percent
City	213	20.8%
Suburb near a city	416	40.7%
Small town not near a city	181	17.7%
Rural or country area	212	20.7%
Total	1,022	100%

Q4 : 2020 Vote

If you voted in the 2020 November election for president, which candidate did you support?

Sample Size: 1,022



Value	Frequency	Percent
Joe Biden	469	45.9%
Donald Trump	470	46%
Another candidate	36	3.5%
Did not vote	47	4.6%
Total	1,022	100%