

VIRGINIA

A Survey of Voters

January 27, 2023

Sample Size Total:

Gender	Total
Men	47%
Women	52%

1. Starting out, please indicate in which state you live.

	Total
Virginia	100%

2. And are you registered to vote at your current address?

	Total
Yes	100%

3. We want to make sure we are talking to a lot of different kinds of people. How do you identify yourself?

	Total
Male	47%
Female	52%
Nonbinary	1%

4. Please indicate in what year you were born.

	Total
Under 45	43%
45-64	33%
65+	24%

Methodology: 1,000 interviews among voters in Virginia were conducted from January 21-27, 2023, using an online survey. The results were weighted to ensure proportional responses. The Bayesian confidence interval for 1,000 interviews is approximately 3.5, which is roughly equivalent to a margin of error of ± 3.1 at the 95% confidence level.

5. Could you please indicate which race/ethnicity best describes you?

	Total
White	69%
Black/ African American	19%
Hispanic/ Latinx (Puerto Rican, Mexican, etc.)	5%
Asian	4%
Native American	0%
Other	2%
Refused	0%

6. Which county do you live in?

	Total
DC media market	37%
Norfolk media market	23%
Richmond media market	20%
Roanoke media market	11%
Tri-cities media market	3%
Harrisonburg media market	2%
Charlottesville media market	3%
Other media market	1%

7. And which of the following would best describe where you live?

	Total
Urban Area	24%
Suburban Area	53%
Rural Area	22%
Prefer not to say	1%

8. In general, how concerned are you personally about the high cost of gas and oil, here in the United States?

	Total
Very concerned	55%
Somewhat concerned	37%
Not very concerned	7%
Not at all concerned	1%
Don't know/ refused	0%

9. And how concerned are you personally about climate change and its effects on our planet?

	Total
Very concerned	47%
Somewhat concerned	32%
Not very concerned	12%
Not at all concerned	9%
Don't know/refused	1%

10. When it comes to Congress increasing federal funding, in what order would you personally put the following from most important to receive additional funding to the least important?

	<u>Rank 1</u>	<u>Rank 2</u>	<u>Rank 3</u>
More funding for ending childhood hunger	35%	19%	15%
More funding to fix our roads and bridges	16%	20%	21%
More funding for police training and hiring	15%	16%	14%
More funding to build K-12 schools	14%	19%	18%
More funding for wind and solar energy	13%	13%	11%
More funding for public transportation	5%	9%	15%
More funding for increasing the number of electric vehicles	3%	5%	6%

11. Regardless of how concerned you are about energy prices, how much has the increase in energy costs affected you personally?

	Total
It is making it hard to make ends meet	42%
It is not affecting my spending on needed items such as food but noticing the effect on my bank account	36%
I don't like it, but not really affecting me or my finances much	19%
Doesn't affect me at all	3%
(Don't know/ refused)	1%

12-19. Last year when gas prices were above \$4 a gallon, there were a lot of ideas discussed about how to lower prices. Below are a few of these ideas. Please rate each using a scale of 0-100 where 0 means you do not support the idea at all and 100 means you strongly support the idea. You can use any number between 0 and 100.

	<u>Mean</u>	<u>% Strongly support (80-100)</u>
Temporarily stop charging state and federal taxes on gas	67.59	39%
Start charging oil and gas companies for the drilling permits they already have but are not using.	61.46	30%
Institute a windfall tax of 25% on all profits that oil and gas companies make each quarter until prices come down.	61.30	32%
Increase the number of permits for drilling for oil and gas	60.19	29%
Send a monthly check of \$50 to people making less than \$75,000 a year to help defray the cost of gas	56.84	33%
Releasing barrels of oil from the national strategic reserve to increase the supply in the US	56.36	24%
Encourage more people to buy electric vehicles by investing more in the infrastructure of charging stations around Virginia.	42.89	15%
Add an additional charge on people's electrical bill to help fund the building of charging stations for electric vehicles	21.89	6%

20. In general, how likely are you to buy an electric vehicle in the following time periods?
 (Don't show options once answer Very likely)

	<u>Very likely</u>	<u>Somewhat likely</u>	<u>Not very likely</u>	<u>Unlikely to happen</u>	<u>Not sure</u>
In the next year	9%	15%	19%	51%	5%
In the next 2-3 years	7%	21%	18%	48%	6%
In the next 5 years	9%	25%	16%	44%	6%
In the next 5 to 10 years	7%	28%	14%	42%	9%
10 years or more	8%	26%	11%	43%	12%

21. [SHOW IF 2 YEARS OR MORE] Below are some reasons that other people have given for why they don't think they will buy an electric vehicle in the next couple years. Please rate each using a scale of 0 to 100 where 0 means you do not agree at all and 100 means you strongly agree. You can use any number between 0 and 100.

	<u>Mean</u>	<u>% Strongly agree (80-100)</u>
Electric vehicles are too expensive and designed for wealthy drivers	81.33	61%
My current car is hopefully going to last more than a couple years	77.47	56%
There are not enough charging stations for it to make sense right now	70.73	45%
I don't have the ability to charge an electric vehicle where I live	66.85	44%
Until electric cars can go farther on a charge, I drive too much for an electric vehicle to make sense for me	61.24	36%
Currently there is not an electric vehicle on the market that would really work for my needs (family size, work etc)	55.22	28%

22. [ASK ALL] Which of the following statements comes closest to your own opinion?

	Total
Government spending should focus on priorities like schools, healthcare and public safety, not building EV chargers.	38%
The movement towards electric vehicles is already happening and while it might be slower than many would like we should not impose EV mandates on drivers.	32%
We need to do whatever we can to get as many electric vehicles on the road as quickly as possible in Virginia, including the state subsidizing the costs of the cars, banning the sale of new gas and diesel vehicles, and building the infrastructure for charging stations.	16%
Electric vehicles will probably not ever be a big market in Virginia, and we need to focus on other things.	14%

23. Regardless of your views on electric vehicles, which of the following approaches would be the best for the Virginia government to take in order to encourage more residents to buy electric vehicles?

	Total
Let the new vehicle market reflect consumer demand	33%
Subsidize the cost of buying a new electric vehicle for residents	25%
Provide state funding to ensure that there are more charging stations available around the commonwealth.	22%
Limit the number of gas vehicles that can be sold in Virginia	5%
Other	3%
Not sure	11%

24. When it comes to building out the infrastructure of charging stations in Virginia what percent of the funding do you think should come from the federal government, state government, private businesses, or electricity users/consumers. Please make sure your answer adds up to 100%

	Mean	Below			
	Mean	25%	25%	26-49%	50%+
Federal government	33.81	32%	11%	29%	28%
State governments	25.31	43%	16%	30%	11%
Private businesses	24.81	55%	13%	17%	15%
Consumers	16.07	72%	10%	11%	7%

25. As you may have heard in the news recently, some states have been implementing plans to first restrict the sale of gas-powered vehicles and then ban the sales of gas vehicles within the next 10 years or so.

Based on what you know about this issue, would you say you support or oppose plans like these which would create state government bans to end the sale of gas-powered vehicles?

	Total
Strongly support	12%
Somewhat support	21%
Somewhat oppose	16%
Strongly oppose	42%
Not sure	10%

26. As you may have heard, former Virginia Governor Ralph Northam signed legislation to enact a statewide electric vehicle sales mandate here in Virginia.

This law mandates an increase in electric vehicle sales by requiring that a minimum percentage of vehicle sales in Virginia need to be electric, and this percent would increase every year. As part of this law, Virginia may also have to adopt California’s next electric vehicle policy, which is a full ban on the sale of any new gasoline and diesel vehicles throughout the Commonwealth starting in 2035.

Based on what you know about this issue, do you support Virginia adopting California’s regulations when it comes to electric vehicle sales, or do you feel that Virginia should write its own rules?

	Total
Strongly support adopting CA rules	9%
Somewhat support adopting CA rules	16%
Somewhat support VA going back to its own rules	21%
Strongly support VA going back to its own rules	41%
Not sure	13%

Below are a few reasons that others have given for why Virginia should not proceed with banning the sale of gas-powered vehicles, like California is doing. Please rate each using a scale of 0 to 10 where 0 is disagree and 10 is strongly agree. You can use any number between 0 and 10. For the questions below EV=Electric Vehicles.

	<u>Mean</u>	<u>% Strongly agree (8-10)</u>
27. Regardless of how much you support the move to electric vehicles, Virginia should have its own regulations and rules and not be forced to follow the rules of California.	7.52	56%
28. Virginia lawmakers should seek a bipartisan solution to help ensure a smooth adoption of EVs, and not get caught up in taking extreme positions on either side of the EV issue.	6.86	43%
29. I am worried that a ban on EV sales in Virginia could alienate consumers by the government trying to control what people can and cannot drive in Virginia.	7.19	50%
30. More Virginians driving EVs is good for the environment but passing a complete ban on selling gas and diesel vehicles is a step too far for Virginia.	7.27	52%
31. Many of the major car companies say they are trying to move to a full electric fleet within the next 10 years. There is no good reason for Virginia to mandate EV sales or ban the sale of other cars when the marketplace is already heading in the direction of 100% electric vehicles.	6.89	42%
32. A ban on gas and diesel vehicle sales would only mean that Virginians would cross state lines to buy a gas car to get around the regulations.	7.19	47%

The last few questions are for statistical purposes only.

33. Generally speaking, do you think of yourself as a:

	Total
Strong Republican	21%
Not-so-strong Republican	10%
Independent - lean Republican	8%
Independent	14%
Independent - lean Democratic	8%
Not-so-strong Democrat	12%
Strong Democrat	26%
Other	2%
Refused	0%

34. Thinking about the 2020 Presidential Election, which candidate, if any, did you vote for:

	Total
Donald Trump	36%
Joe Biden	52%
3 rd Party Candidate	3%
Did Not Vote For President	8%

35. And in the 2021 Gubernatorial Election in Virginia, which candidate, if any, did you vote for:

	Total
Glen Youngkin	40%
Terry McAuliffe	37%
3 rd Party Candidate	4%
Did Not Vote For Governor	20%

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

	Total
1 – 11 th grade	2%
High school graduate	17%
Non-college post H.S.	2%
Some college	28%
College graduate	36%
Post-graduate school	15%
Unsure	1%

37. Are you married, unmarried living with partner, single, separated, divorced or widowed?

	Total
Married	46%
Unmarried with partner	8%
Single	25%
Separated/divorced	15%
Widowed	6%
Unsure	0%

38. Do you have any children under the age of 18 years old living in your household?

	Total
Yes	28%
No	72%
Refuse/Decline Answer	1%

39. What was your approximate annual income before taxes last year?

	Total
Less than \$20,000	10%
\$20,000-\$39,999	20%
\$40,000-\$59,999	17%
\$60,000-\$79,999	15%
\$80,000-\$99,999	10%
\$100,000-\$119,999	6%
\$120,000-\$149,999	6%
\$150,000-\$199,999	7%
\$200,000-\$249,999	3%
\$250,000 or more	2%
Not currently employed	1%
Prefer not to say	3%