Washington Poll Toplines

Methodology

Poll number: pr2127

Interview Dates: October 12 - 31, 2021

Sample Population: 367 registered voters in Washington.

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 Washington based on age, gender, race, educational attainment, and Hispanic ethnicity.

The sample was also balanced by reported 2020 presidential vote. The number of voters in 2020's presidential election in Washington was divided by registered voters in the state as of late October 2020. This proportion was used to weight by those who voted for Biden, Trump, other candidates, or those who did not vote.

Weights were trimmed to a minimum of .3 and a maximum of 3 to prevent individual interviews from having too much influence on the results.

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: 0.220392. The maximum weight was: 1.9504112. The minimum weight was: 0.5633168. 95% of the weights were between 0.7293453, 1.4783561.

Margin of Error: The 95% credibility interval for this survey is +/- 5.2%, which includes the square root of the design effect (DEFT): 1.0239337.

rdwt…Generally speaking, would you say that things in this country are headed in the right direction or would you say that things are headed off on the wrong track?

Response	Percent	N
Right direction	38%	147
Wrong track	54%	188
Not sure	8%	32

EV1…Do you currently own or lease a vehicle?

Response	Percent	N
No	14%	50
Yes	86%	317

EV2…What kind of vehicle do you usually drive? [AMONG RESPONDENTS WHO CURRENTLY OWN OR LEASE A VEHICLE]

Response	Percent	N
Car	62%	194
Crossover	4%	14
SUV (sports utility vehicle)	25%	80
Truck	5%	17
Van/minivan	4%	12

EV3…Thinking about the vehicle you usually drive, how is it powered? [AMONG RESPONDENTS WHO CURRENTLY OWN OR LEASE A VEHICLE]

Response	Percent	N
Battery electric	3%	9
Plug-in hybrid electric	1%	3
Gas	87%	277
Hybrid	8%	25
Other	1%	3

EV4…How many miles do you put on your primary vehicle (the one you drive most) in a typical year? [AMONG RESPONDENTS WHO CURRENTLY OWN OR LEASE A VEHICLE]

Response	Percent	N
0-5,000 miles	24%	79
5,001-10,000 miles	23%	76
10,001-15,000 miles	19%	59
15,001-20,000 miles	13%	41
20,001-30,000 miles	10%	30
30,001-50,000 miles	5%	15
More than 50,000 miles	5%	17

EV5…How much would you estimate you spend on gasoline in a typical month?

Response	Percent	N
Between 0-50 dollars	27%	85
Between 51-100 dollars	31%	96
Between 101-200 dollars	28%	82
Between 201-300 dollars	8%	23
Between 301-400 dollars	5%	13
More than 400 dollars	2%	6

EV6x1…Approximately how many miles do you drive your vehicle on a typical day for the following purposes? - To commute to and from work

Response	Percent	N
0 miles	47%	181
1-10 miles	21%	75
11-25 miles	18%	65
26-50 miles	10%	33
51-75 miles	2%	7
76-100 miles	2%	5
More than 100 miles	0%	1

EV6x2…Approximately how many miles do you drive your vehicle on a typical day for the following purposes? - Driving on the job

Response	Percent	N
0 miles	76%	283
1-10 miles	10%	36
11-25 miles	7%	26
26-50 miles	4%	13
51-75 miles	2%	6
76-100 miles	0%	1
More than 100 miles	0%	2

EV6x3…Approximately how many miles do you drive your vehicle on a typical day for the following purposes? - Household, family, and other errands

Response	Percent	N
0 miles	8%	31
1-10 miles	44%	165
11-25 miles	24%	91
26-50 miles	17%	58
51-75 miles	4%	14
76-100 miles	2%	6
More than 100 miles	1%	2

EV7…How much have you seen, read, or heard about electric vehicles?

Response	Percent	N
A lot	31%	111
Some	56%	206
Not much	11%	43
Nothing at all	2%	7

EV8…Given what you know, do you have a positive or negative opinion of electric vehicles?

Response	Percent	N
Very positive	32%	122
Somewhat positive	40%	149
Somewhat negative	15%	53
Very negative	6%	19
Not sure	6%	24

EV9x1…Do you plan on purchasing or leasing another vehicle…? [AMONG RESPONDENTS WHO CURRENTLY OWN OR LEASE A VEHICLE]

Response	Percent	N
In the next 6 months	9%	26
In the next 7 months to 1 year	20%	63
In the next 2 to 3 years	24%	75
In the next 4 to 5 years	9%	31
In more than 5 years	9%	28
I do not plan on purchasing or leasing a vehicle	15%	49
Not sure	14%	45

EV9x2…Do you plan on purchasing or leasing a vehicle…? [AMONG RESPONDENTS WHO DO NOT CURRENTLY OWN OR LEASE A VEHICLE]

Response	Percent	N
In the next 6 months	2%	1
In the next 7 months to 1 year	13%	6
In the next 2 to 3 years	22%	9
In the next 4 to 5 years	12%	7
In more than 5 years	10%	5
I do not plan on purchasing or leasing a vehicle	31%	17
Not sure	10%	5

EV10…How likely are you to purchase or lease an electric vehicle? [AMONG RESPONDENTS WHO ARE PLANNING ON PURCHASING OR LEASING ANOTHER VEHICLE IN THE NEXT 5 YEARS]

Response	Percent	N
Very likely	27%	68
Somewhat likely	32%	82
Somewhat unlikely	15%	36
Very unlikely	19%	46
Not sure	7%	19

EV11…If you were to purchase or lease an electric vehicle for your next vehicle, what type would you be MOST likely to get? [AMONG RESPONDENTS WHO ARE LIKELY TO PURCHASE OR LEASE AN ELECTRIC VEHICLE]

Response	Percent	N
Car	57%	86
Crossover	7%	11
SUV (sports utility vehicle)	30%	43
Truck	4%	7
Van/minivan	2%	3

EV12x1…Would each of the following make you more or less likely to consider an electric vehicle? - Federal tax rebate of $7,500 for purchasing an electric vehicle

Response	Percent	N
Much more likely	39%	148
Somewhat more likely	32%	113
Somewhat less likely	6%	20
Much less likely	3%	10
No difference either way	20%	76

EV12x2…Would each of the following make you more or less likely to consider an electric vehicle? - More high-occupancy vehicle (HOV)/zero-emissions vehicle (ZEV) lanes

Response	Percent	N
Much more likely	21%	76
Somewhat more likely	32%	118
Somewhat less likely	5%	19
Much less likely	5%	18
No difference either way	36%	136

EV12x3…Would each of the following make you more or less likely to consider an electric vehicle? - Increased penalties for motor oil leaks

Response	Percent	N
Much more likely	15%	56
Somewhat more likely	25%	93
Somewhat less likely	8%	31
Much less likely	11%	40
No difference either way	40%	147

EV12x4…Would each of the following make you more or less likely to consider an electric vehicle? - Decreased parking fees or free parking for electric vehicles

Response	Percent	N
Much more likely	25%	95
Somewhat more likely	32%	118
Somewhat less likely	6%	21
Much less likely	5%	18
No difference either way	32%	115

EV12x5…Would each of the following make you more or less likely to consider an electric vehicle? - Fewer gas stations in your local area

Response	Percent	N
Much more likely	18%	66
Somewhat more likely	27%	102
Somewhat less likely	12%	44
Much less likely	11%	35
No difference either way	32%	120

EV12x6…Would each of the following make you more or less likely to consider an electric vehicle? - More electric vehicle charging stations in your local area

Response	Percent	N
Much more likely	38%	141
Somewhat more likely	33%	121
Somewhat less likely	3%	10
Much less likely	4%	12
No difference either way	23%	83

EV12x7…Would each of the following make you more or less likely to consider an electric vehicle? - Restrictions on the use, operation, and parking of gas-powered vehicles

Response	Percent	N
Much more likely	22%	79
Somewhat more likely	31%	117
Somewhat less likely	9%	34
Much less likely	13%	46
No difference either way	25%	91

EV13…How important is it to you that the United States transitions from gas-powered cars to electricity-powered cars?

Response	Percent	N
Very important	31%	120
Somewhat important	34%	129
Not too important	21%	74
Not at all important	13%	44

EV14…Regardless of what kind of car, if any, you typically drive, do you think gasoline or electricity is a better power source for cars, or does it not matter either way?

Response	Percent	N
Electricity	49%	188
Gasoline	24%	80
Doesn’t matter	27%	99

EV15x1…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles save consumers money on fuel because electricity is cheaper than gas

Response	Percent	N
Strongly agree	28%	106
Somewhat agree	34%	127
Neither agree nor disagree	26%	96
Somewhat disagree	7%	24
Strongly disagree	4%	14

EV15x2…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles are as safe as gas-powered cars

Response	Percent	N
Strongly agree	32%	117
Somewhat agree	29%	105
Neither agree nor disagree	26%	96
Somewhat disagree	8%	30
Strongly disagree	6%	19

EV15x3…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles don’t have the range to cover the average American’s daily driving needs

Response	Percent	N
Strongly agree	17%	62
Somewhat agree	31%	113
Neither agree nor disagree	23%	85
Somewhat disagree	18%	69
Strongly disagree	11%	38

EV15x4…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles have lower maintenance costs than gas-powered cars

Response	Percent	N
Strongly agree	17%	64
Somewhat agree	23%	88
Neither agree nor disagree	37%	140
Somewhat disagree	14%	48
Strongly disagree	8%	27

EV15x5…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles more expensive than gas-powered cars

Response	Percent	N
Strongly agree	37%	135
Somewhat agree	37%	133
Neither agree nor disagree	18%	71
Somewhat disagree	5%	18
Strongly disagree	3%	10

EV15x6…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles are better for the environment than gas-powered cars and trucks

Response	Percent	N
Strongly agree	47%	175
Somewhat agree	26%	98
Neither agree nor disagree	19%	69
Somewhat disagree	5%	15
Strongly disagree	3%	10

EV16…How worried are you about air pollution?

Response	Percent	N
Very worried	37%	143
Somewhat worried	44%	161
Not too worried	16%	52
Not worried at all	4%	11

EV17…How worried are you about climate change?

Response	Percent	N
Very worried	45%	175
Somewhat worried	33%	119
Not too worried	14%	45
Not at all worried	9%	28

EV18…Do you think climate change is having a large effect, a moderate effect, a small effect, or no real effect on extreme weather, such as wildfires, droughts, storms, heavy rainfall, and heat waves in your state?

Response	Percent	N
Large effect	46%	180
Moderate effect	27%	98
Small effect	13%	43
No real effect	12%	37
Not sure	2%	9

EV19…Do you agree or disagree with the following statement: Extreme weather, such as wildfires, droughts, storms, heavy rainfall, and heat waves are making it more urgent for your state government to address climate change.

Response	Percent	N
Strongly agree	49%	191
Somewhat agree	26%	95
Somewhat disagree	11%	36
Strongly disagree	11%	33
Not sure	3%	12

EV20…There's currently a policy under consideration in your state requiring all new cars sold in your state to be electric starting in 2030 to reduce air pollution, combat climate change, create jobs, and keep energy dollars in the state. The policy would require all cars and trucks manufactured in 2030 or later be electric. Individuals would still be able to drive, buy, and sell gas-powered cars manufactured before 2030. Do you support or oppose this policy?

Response	Percent	N
Strongly support	29%	110
Somewhat support	29%	114
Somewhat oppose	14%	48
Strongly oppose	20%	64
Not sure	7%	31

EV21x1…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Air quality

Response	Percent	N
Very positive	41%	162
Somewhat positive	38%	136
No impact either way	16%	52
Somewhat negative	3%	11
Very negative	2%	6

EV21x2…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Individuals' health

Response	Percent	N
Very positive	31%	118
Somewhat positive	34%	127
No impact either way	30%	105
Somewhat negative	3%	8
Very negative	3%	9

EV21x3…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Climate change

Response	Percent	N
Very positive	34%	133
Somewhat positive	33%	126
No impact either way	27%	90
Somewhat negative	3%	10
Very negative	3%	8

EV21x4…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - The economy

Response	Percent	N
Very positive	23%	84
Somewhat positive	29%	113
No impact either way	27%	102
Somewhat negative	11%	36
Very negative	10%	32

EV21x5…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Jobs

Response	Percent	N
Very positive	19%	72
Somewhat positive	25%	95
No impact either way	34%	130
Somewhat negative	12%	41
Very negative	9%	29

EV21x6…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Rural communities

Response	Percent	N
Very positive	16%	59
Somewhat positive	23%	89
No impact either way	26%	97
Somewhat negative	20%	72
Very negative	15%	50

EV21x7…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Suburban communities

Response	Percent	N
Very positive	22%	85
Somewhat positive	33%	127
No impact either way	29%	104
Somewhat negative	11%	36
Very negative	5%	15

EV21x8…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Urban communities

Response	Percent	N
Very positive	30%	114
Somewhat positive	32%	118
No impact either way	24%	86
Somewhat negative	9%	31
Very negative	6%	18

EV21x9…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Energy independence

Response	Percent	N
Very positive	28%	109
Somewhat positive	31%	115
No impact either way	22%	83
Somewhat negative	9%	31
Very negative	9%	29

EV21x10…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Communities of color, including Black, Latino, Asian, and Indigenous communities

Response	Percent	N
Very positive	17%	66
Somewhat positive	15%	56
No impact either way	39%	143
Somewhat negative	19%	71
Very negative	9%	31

EV22…If your state representative supported requiring all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), would you be more or less likely to vote for them, or would it not affect your vote either way?

Response	Percent	N
Much more likely	22%	82
Somewhat more likely	23%	86
Somewhat less likely	11%	40
Much less likely	17%	54
No impact either way	27%	105

EV23…There's currently a policy under consideration in your state that would set a goal, but not a requirement, that all new cars and trucks manufactured in 2030 or later be electric. Do you support or oppose this policy?

Response	Percent	N
Strongly support	28%	106
Somewhat support	32%	121
Somewhat oppose	13%	44
Strongly oppose	17%	53
Not sure	11%	43

Sample Statistics (Weighted Frequencies)

Var1	**Freq**
Age18-34	24%
Age35-54	34.9%
Age55+	41.1%
Gender-Female	52.8%
Gender-Male	47.2%
Race-Black	3%
Race-Other	10.2%
Race-White	86.8%
Education-Advanced	13.8%
Education-Bachelors	26.5%
Education-LessThanBachelors	59.7%
Hispanic-No	92.8%
Hispanic-Yes	7.2%
party-ID: Democrat	39.8%
party-ID: Independent	29.6%
party-ID: Republican	24.4%
party-ID: Something else	6.1%
Vote2020: Biden	51.4%
Vote2020: Didn't Vote	11.7%
Vote2020: Someone else	2.9%
Vote2020: Trump	33.9%
Washington	100%