# MINNESOTA

#### A SURVEY OF VOTERS

April 2023



# METHODOLOGY

- 600 interviews among voters in Minnesota were conducted from March 31 April 6, 2023.
- Interviews were conducted using an online survey.
- Results were weighted to ensure proportional response.
- The comparative margin of error for results is ±4.0% at the 95% confidence level. This number is higher for subgroups.

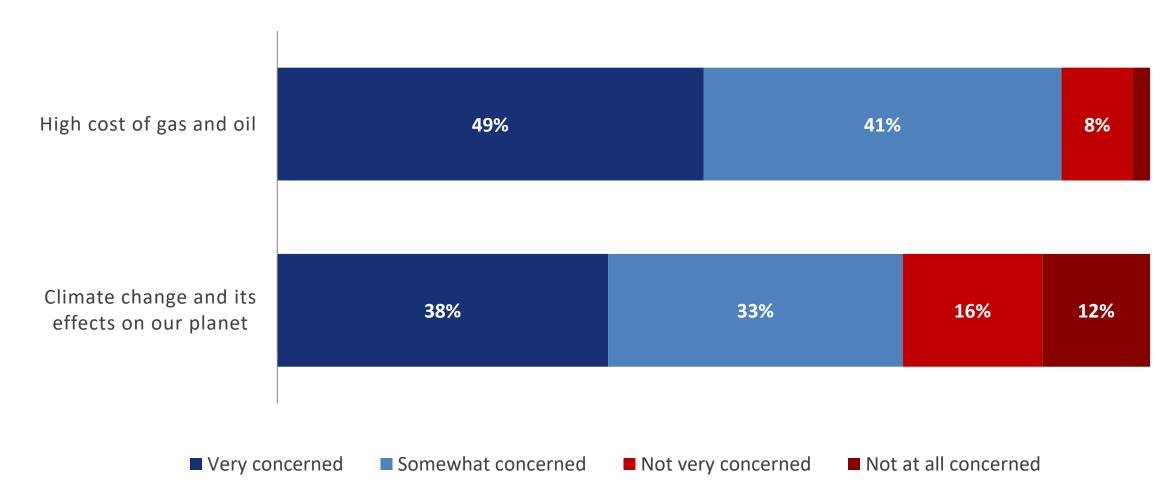


# **BREAKOUT DEFINITIONS**

Category	Definition	Weighted n
TOTAL	All 600 respondents	600
Male	Respondents who identify as men	283
Female	Respondents who identify as women	311
Under 45	Respondents under the age of 45	250
45-64	Respondents age 45 to 64	192
65+	Respondents age 65 or older	158
Hennepin/Ramsey	Respondents who live in Hennepin or Ramsey county	182
Outer counties	Respondents who live in Benton, Carver, Le Sueur, Rice, Scott, Sherburne, Stearns, Washington, or Wright county	117
NE, W, S MN	Respondents who live another county	301
Non-college	Respondents without a four-year college degree	330
College	Respondents with a four-year college degree	270
Republican	Respondents who are a Strong Republican, Not-so-strong Republican, or Independent-lean Republican	190
Independent	Respondents who identify as Independent	225
Democrat	Respondents who are a Strong Democrat, Not-so-strong Democrat, or Independent-lean Democrat	167
Less than \$40k	Respondents whose household income is less than \$40,000 a year	180
\$40k-\$80k	Respondents whose household income is between \$40,000-\$80,000 a year	195
\$80k or more	Respondents whose household income is \$80,000 a year or more	208



### **ISSUE CONCERNS**





**Q8.** In general, how concerned are you personally about the high cost of gas and oil, here in the United States? **Q9.** And how concerned are you personally about climate change and its effects on our planet

### BREAKOUT: ISSUE CONCERNS

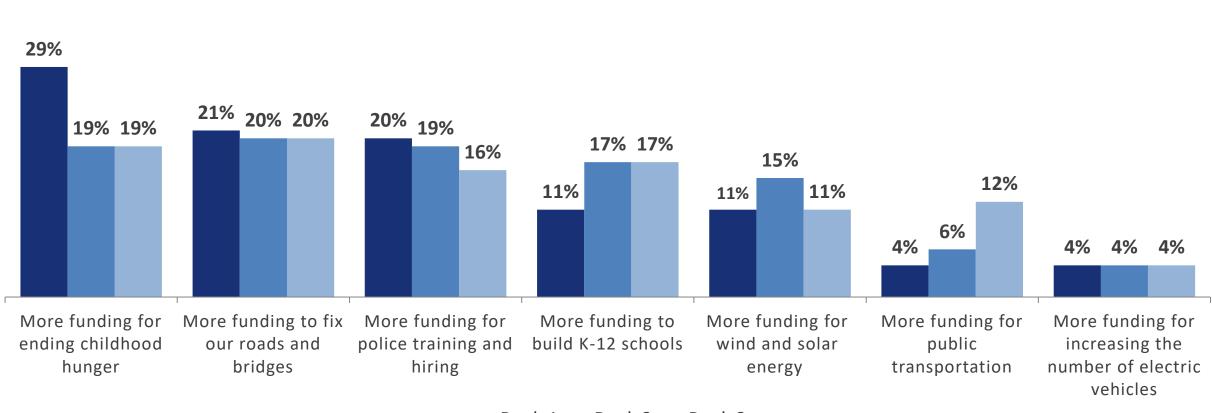
- Nearly half of Minnesota voters are very concerned about the high cost of oil and gas. Middle aged voters, noncollege voters, Republicans, and lower income voters are most likely to be very concerned.
- Thirty-eight percent of
  Minnesota voters are very
  concerned about climate
  change and its effects.
  Democrats are most likely to
  be very concerned.

	High cost of oil and gas	Climate change and its effects
TOTAL	49%	38%
Male	50%	30%
Female	47%	43%
Under 45	41%	41%
45-64	57%	34%
65+	51%	37%
Hennepin/Ramsey	44%	43%
Outer counties	52%	30%
NE, W, S MN	50%	37%
Non-college	55%	37%
College	41%	38%
Republican	67%	19%
Independent	47%	42%
Democrat	29%	55%
Less than \$40k	60%	41%
\$40k-\$80k	44%	38%
\$80k or more	44%	34%



Q8. In general, how concerned are you personally about the high cost of gas and oil, here in the United States?Q9. And how concerned are you personally about climate change and its effects on our planet% Very concerned

### FEDERAL FUNDING PRIORITY



Rank 1 Rank 2 Rank 3



**Q10.** When it comes to Congress increasing federal funding in what order would you personally put the following in order from most important to receive additional funding to the least important

#### BREAKOUT: FEDERAL FUNDING PRIORITY RANK 1

- One in three Minnesota voters say that more funding for ending childhood hunger is most important, followed by funding to fix roads and bridges, and more funding for police training and hiring.
- Just 4% of Minnesota voters say more funding for increasing the number of electric vehicles should be the top funding priority.

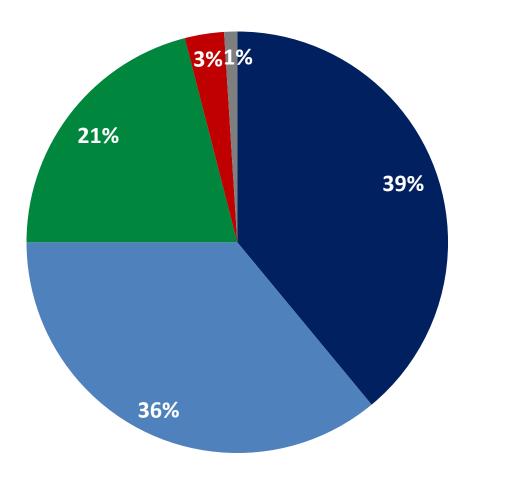
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	More funding for ending childhood hunger	More funding to fix our roads and bridges	More funding for wind and solar energy	More funding for police training and hiring	More funding to build K-12 schools	for public	More funding for increasing the number of electric vehicles
TOTAL	29%	21%	11%	20%	11%	4%	4%
Male	22%	28%	12%	20%	7%	5%	5%
Female	35%	14%	11%	20%	14%	3%	3%
Under 45	30%	15%	12%	13%	17%	7%	6%
45-64	36%	22%	11%	18%	8%	3%	2%
65+	18%	29%	10%	33%	7%	1%	1%
Hennepin/Ramsey	25%	17%	14%	17%	15%	6%	6%
Outer counties	34%	24%	6%	20%	10%	4%	3%
NE, W, S MN	29%	22%	12%	22%	10%	3%	3%
Non-college	31%	21%	9%	23%	10%	4%	3%
College	26%	21%	15%	16%	13%	5%	5%
Republican	26%	19%	6%	33%	7%	4%	5%
Independent	28%	26%	11%	18%	11%	4%	2%
Democrat	32%	15%	17%	9%	16%	5%	5%
Less than \$40k	33%	20%	7%	20%	12%	3%	4%
\$40k-\$80k	23%	23%	16%	17%	13%	4%	3%
\$80k or more	31%	19%	10%	22%	9%	5%	4%



**Q10.** When it comes to Congress increasing federal funding in what order would you personally put the following in order from most important to receive additional funding to the least important. % Rank 1

### INCREASED ENERGY COSTS



■ It is making it hard to make ends meet

- It is not affecting my spending on needed items such as food but noticing the effect on my bank account
- I don't like it, but not really affecting me or my finances much
- Doesn't affect me at all

Don't know/refused



**Q11.** Regardless of how concerned you are about energy prices, how much has the increase in energy costs affected you personally?

### BREAKOUT: INCREASED ENERGY COSTS

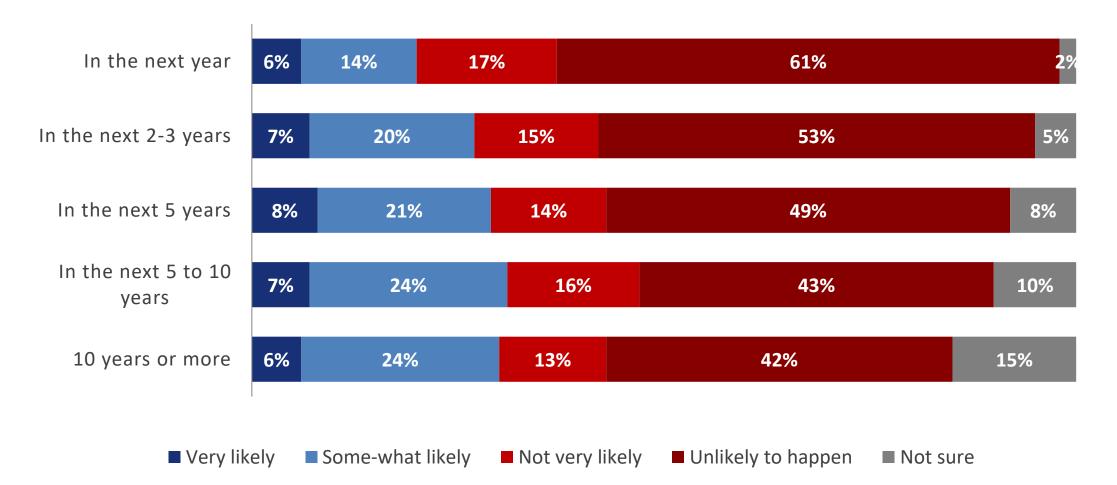
- Nearly two in five Minnesota
  voters say increased energy
  costs is making it hard to make
  ends meet and another 36%
  say its not affecting their
  spending on need items but
  noticing the effect on bank
  account.
- Just 24% say it's not affecting them much or at all.
- A majority of lower income voters say it is making it hard to make ends meet.

	It is making it hard to make ends meet	It is not affecting my spending on needed items such as food but noticing the effect on my bank account	I don't like it, but not really affecting me or my finances much	Doesn't affect me at all	Not sure
TOTAL	39%	36%	21%	3%	1%
Male	40%	36%	19%	4%	1%
Female	39%	37%	22%	1%	2%
Under 45	41%	37%	17%	3%	2%
45-64	44%	35%	17%	3%	1%
65+	31%	35%	31%	2%	1%
Hennepin/Ramsey	35%	37%	24%	3%	2%
Outer counties	35%	44%	18%	3%	0%
NE, W, S MN	44%	33%	20%	2%	2%
Non-college	45%	32%	18%	2%	2%
College	32%	41%	23%	3%	1%
Republican	50%	35%	13%	2%	0%
Independent	35%	35%	24%	3%	3%
Democrat	32%	39%	26%	2%	1%
Less than \$40k	54%	27%	16%	1%	1%
\$40k-\$80k	37%	35%	23%	2%	3%
\$80k or more	28%	46%	22%	4%	0%



**Q11.** Regardless of how concerned you are about energy prices, how much has the increase in energy costs affected you personally?

### ELECTRIC VEHICLE





**Q12.** In general, how likely are you to buy an electric vehicle in the following time periods? (Only asked if not very likely in previous time period)

### BREAKOUT: ELECTRIC VEHICLE

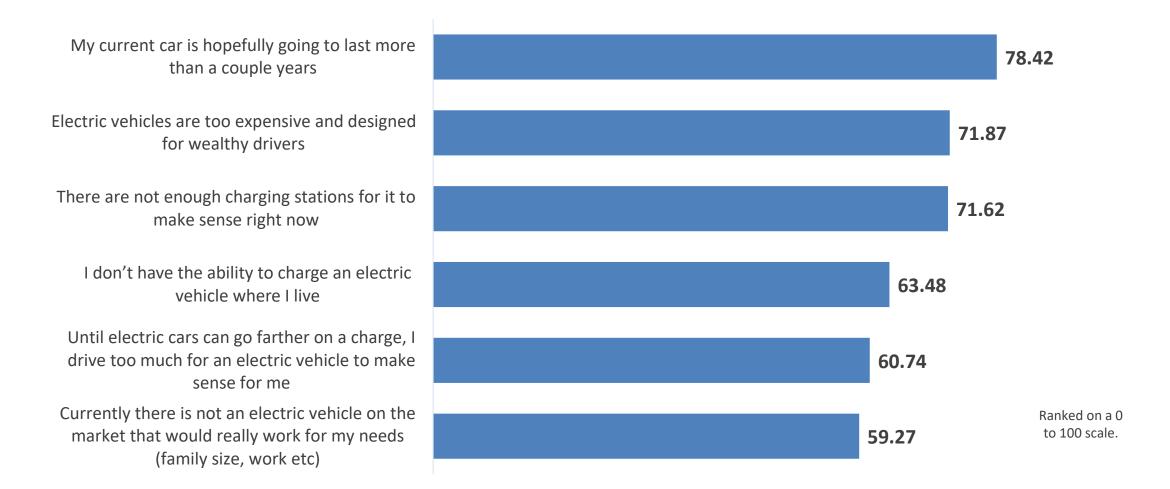
- One in five Minnesota voters say they are very or somewhat likely to buy an electric vehicle in the next year.
- Younger voters, men, and voters in Hennepin/Ramsey counties are most likely to say they are likely to buy an electric vehicle in the next year.

		In the next 2-3	In the next 5	In the next 5-10	In the next 10
	In the next year	years	years	years	years or more
TOTAL	20%	27%	29%	31%	30%
Male	25%	30%	30%	29%	26%
Female	15%	24%	29%	33%	32%
Under 45	35%	39%	38%	39%	40%
45-64	13%	23%	26%	30%	31%
65+	4%	15%	22%	22%	16%
Hennepin/Ramsey	27%	35%	38%	43%	40%
Outer counties	12%	24%	24%	27%	23%
NE, W, S MN	18%	23%	26%	26%	27%
Non-college	13%	19%	22%	26%	26%
College	29%	38%	39%	38%	36%
Republican	18%	25%	22%	21%	22%
Independent	12%	21%	25%	31%	26%
Democrat	34%	41%	49%	47%	49%
Less than \$40k	10%	13%	18%	19%	20%
\$40k-\$80k	21%	34%	36%	40%	35%
\$80k or more	29%	34%	34%	35%	36%



**Q12.** In general, how likely are you to buy an electric vehicle in the following time periods? (Only asked if not very likely in pervious time period) % Total Likely

### REASONS FOR NOT BUYING AN ELECTRIC VEHICLE





**Q13.** [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 0-100 where 0 means you do not agree at all and 100 means you strongly agree. You can use any number between 0 and 100.

#### BREAKOUT: NOT BUYING AN ELECTRIC VEHICLE

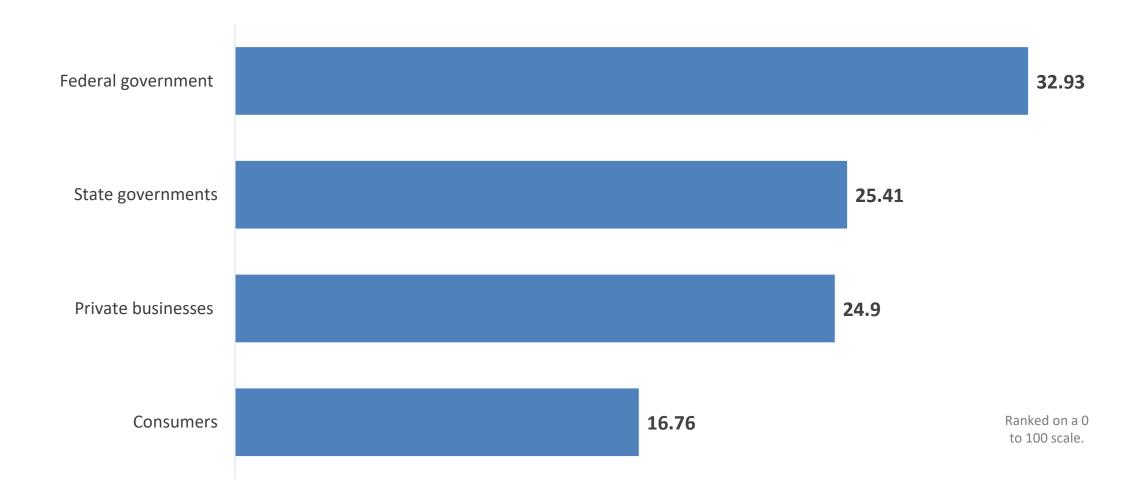
- A majority of Minnesota voters who are not very likely to buy an electric car in the next two years say their current car should last longer.
- Two in five also strongly agree that there aren't enough charging stations and that EVs are too expensive.

	Current car		Not enough		Drive too much	No EV on
	should last		charging	Can't charge	for it to make	market that
	longer	Too expensive	stations	where I live	sense	meets needs
TOTAL	59%	44%	45%	38%	34%	32%
Male	58%	43%	43%	35%	36%	34%
Female	59%	46%	47%	41%	33%	29%
Under 45	43%	35%	35%	33%	26%	26%
45-64	65%	49%	49%	38%	37%	36%
65+	73%	53%	55%	46%	42%	35%
Hennepin/Ramsey	53%	38%	40%	35%	33%	24%
Outer counties	62%	47%	48%	40%	37%	40%
NE, W, S MN	60%	47%	47%	39%	34%	33%
Non-college	60%	49%	49%	41%	39%	36%
College	57%	38%	40%	35%	28%	27%
Republican	63%	50%	49%	44%	42%	38%
Independent	65%	49%	52%	39%	38%	36%
Democrat	45%	28%	34%	29%	18%	15%
Less than \$40k	54%	52%	47%	44%	31%	35%
\$40k-\$80k	59%	41%	43%	35%	33%	28%
\$80k or more	62%	40%	46%	35%	38%	33%



**Q13.** [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 0-100 where 0 means you do not agree at all and 100 means you strongly agree. You can use any number between 0 and 100. % Strongly Agree (80-100)

### CHARGING STATION FUNDING





**Q16.** When it comes to building out the infrastructure of charging stations in Minnesota 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%

Over a quarter of Minnesota voters think the federal government should provide at least half of the infrastructure for charging stations.

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#### BREAKOUT: CHARGING STATION FUNDING

	Federal			
	government	State government	Private business	Consumers
TOTAL	28%	12%	16%	9%
Male	19%	6%	24%	14%
Female	36%	17%	9%	5%
Under 45	22%	14%	10%	6%
45-64	34%	11%	18%	11%
65+	29%	9%	23%	12%
Hennepin/Ramsey	25%	7%	12%	6%
Outer counties	31%	14%	16%	16%
NE, W, S MN	28%	14%	18%	8%
Non-college	33%	9%	15%	9%
College	21%	14%	16%	9%
Republican	27%	12%	22%	11%
Independent	31%	13%	15%	12%
Democrat	26%	9%	7%	2%
Less than \$40k	33%	13%	13%	4%
\$40k-\$80k	26%	12%	14%	11%
\$80k or more	26%	10%	21%	11%



Q16. When it comes to building out the infrastructure of charging stations in Minnesota 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% % 50-100%

### BREAKOUT: CHARGING STATION FUNDING

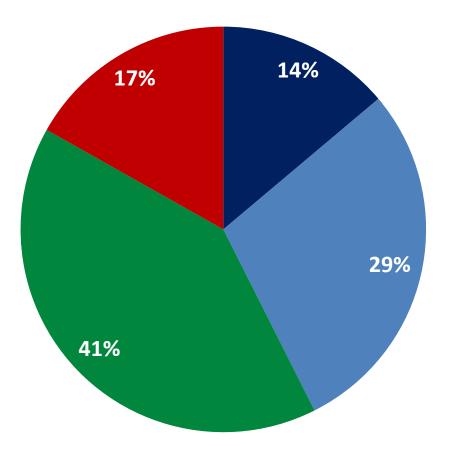
- A third of Minnesota voters say most of the funding for charging stations should come from the federal government.
- Twenty percent say it should mostly be private businesses and 11% say mostly state government.

					Mostly	Mostly federal		
	Mostly		Mostly		federal and	government		
	federal	Mostly state	private	Mostly	state	and private		
	government	government	businesses	consumers	government	businesses	All evenly	Other
TOTAL	34%	11%	20%	9%	11%	1%	6%	7%
Male	26%	10%	28%	12%	6%	1%	7%	9%
Female	41%	13%	13%	7%	15%	1%	5%	5%
Under 45	30%	20%	18%	8%	11%	1%	5%	8%
45-64	40%	5%	20%	11%	12%	0%	7%	6%
65+	34%	6%	24%	10%	11%	2%	6%	7%
Hennepin/Ramsey	36%	11%	19%	10%	11%	1%	7%	5%
Outer counties	35%	11%	17%	12%	10%	1%	5%	9%
NE, W, S MN	33%	12%	22%	8%	12%	1%	6%	7%
Non-college	38%	9%	18%	8%	10%	1%	7%	8%
College	29%	14%	23%	10%	12%	1%	5%	6%
Republican	30%	9%	28%	12%	9%	0%	4%	8%
Independent	36%	13%	16%	12%	10%	1%	6%	6%
Democrat	37%	13%	14%	4%	14%	2%	9%	7%
Less than \$40k	35%	11%	17%	6%	15%	1%	9%	6%
\$40k-\$80k	35%	12%	17%	11%	10%	1%	8%	7%
\$80k or more	33%	12%	26%	10%	8%	1%	3%	8%



**Q16.** When it comes to building out the infrastructure of charging stations in Minnesota 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%

# MOVING TO ELECTRIC VEHICLES



- We need to do whatever we can to get as many electric vehicles on the road as quickly as possible in Minnesota, including the state subsidizing the costs of the cars, phasing out liquid fuels and banning the sale of new gas and diesel vehicles.
- The movement towards electric vehicles is already happening and while it might be slower than many would like we should not impose EV mandates or ban the sale of gas and diesel cars and trucks in Minnesota.
- Government spending should focus on priorities like schools, healthcare and public safety, not on policies to encourage the adoption of electric vehicles or the buildout of EV chargers.
- Electric vehicles will probably not ever be a big market in Minnesota, and we need to focus on other things.



### BREAKOUT: MOVING TO ELECTRIC VEHICLES

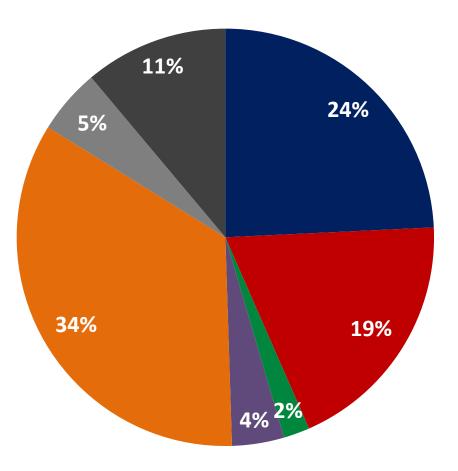
- Two in five Minnesota voters say government spending should focus on other priorities like schools. Women, noncollege voters, Republicans, and lower income voters are most likely to say this.
- Three in ten voters say the movement is already happening.

Just 14% say we need to do whatever we can to get as many EVs on the road as quickly as possible.

	We need to do whatever we can to get as many electric vehicles on the road as quickly as possible in Minnesota	The movement towards electric vehicles is already happening	Government spending should focus on priorities like schools, healthcare and public safety	Electric vehicles will probably not ever be a big market in Minnesota
TOTAL	14%	29%	41%	17%
Male	16%	30%	36%	18%
Female	11%	27%	46%	16%
Under 45	21%	23%	39%	17%
45-64	11%	29%	43%	17%
65+	5%	38%	42%	15%
Hennepin/Ramsey	19%	33%	37%	11%
Outer counties	9%	25%	39%	26%
NE, W, S MN	12%	28%	44%	16%
Non-college	10%	27%	46%	17%
College	18%	31%	35%	16%
Republican	8%	21%	45%	26%
Independent	8%	34%	43%	15%
Democrat	26%	33%	32%	8%
Less than \$40k	10%	27%	47%	16%
\$40k-\$80k	16%	34%	39%	12%
\$80k or more	16%	25%	39%	21%



## ENCOURAGE MORE EVS



- Subsidize the cost of buying a new electric vehicle for residents
- Provide state funding to ensure that there are more charging stations available statewide
- Ban the sale of new gas and diesel vehicles in Minnesota
- Enact policy to eventually ban liquid fuels so that more Minnesota drivers will consider switching to electric vehicles
- Let the new vehicle market reflect consumer demand

Other

Not sure



**Q15.** Regardless of your views on electric vehicles, which of the following approaches would be the best for the Minnesota government to take to encourage more residents to buy electric vehicles?

#### BREAKOUT: ENCOURAGE MORE EVS

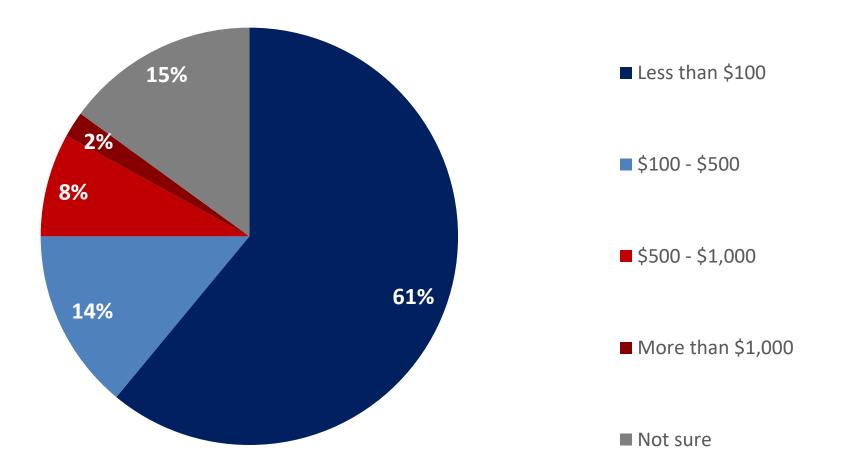
- To encourage more EVs, a third of Minnesota voters say let the new vehicle market reflect customer demand. A quarter prefer subsidizing the cost of buying a new EV. And one in five support state funding for more charging stations.
- Just 2% say limiting the number of gas vehicles sold in the state is the best approach and 4% say banning liquid fuels is the best approach.

	Subsidize the cost of buying a new electric vehicle for residents	Provide state funding to ensure that there are more charging stations available statewide	Ban the sale of new gas and diesel vehicles in Minnesota	Enact policy to eventually ban liquid fuels so that more Minnesota drivers will consider switching to electric vehicles	Let the new vehicle market reflect consumer demand	Other	Not sure
TOTAL	24%	19%	2%	4%	34%	5%	11%
Male	19%	17%	2%	6%	44%	4%	8%
Female	28%	22%	2%	3%	25%	6%	14%
Under 45	28%	26%	5%	8%	19%	4%	10%
45-64	26%	16%	0%	1%	38%	5%	14%
65+	15%	12%	1%	1%	54%	6%	11%
Hennepin/Ramsey	28%	21%	3%	7%	33%	1%	9%
Outer counties	27%	17%	0%	1%	41%	4%	9%
NE, W, S MN	20%	20%	3%	4%	32%	8%	14%
Non-college	24%	16%	2%	2%	35%	5%	16%
College	24%	23%	3%	7%	33%	4%	6%
Republican	19%	13%	2%	2%	45%	8%	11%
Independent	25%	17%	0%	3%	37%	5%	13%
Democrat	28%	30%	6%	9%	16%	1%	10%
Less than \$40k	24%	18%	2%	2%	33%	5%	15%
\$40k-\$80k	28%	19%	1%	4%	32%	5%	11%
\$80k or more	20%	22%	3%	6%	37%	5%	7%



**Q15.** Regardless of your views on electric vehicles, which of the following approaches would be the best for the Minnesota government to take to encourage more residents to buy electric vehicles?

### WILLING TO PAY MORE FOR EV ADOPTION





**Q17.** How much more would you be willing to spend personally every year to speed up the adoption of electric vehicles and electric vehicle charging throughout Minnesota?

#### BREAKOUT: WILLING TO PAY MORE FOR EV ADOPTION

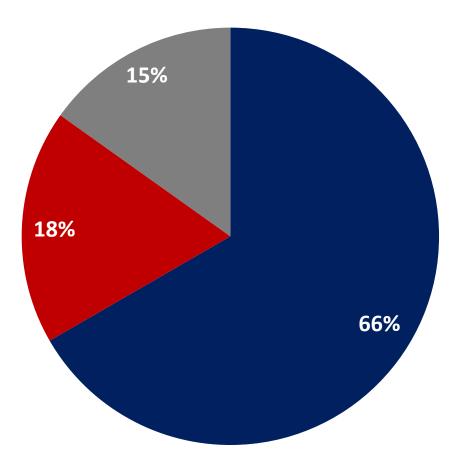
- Three in five Minnesota voters are willing to pay less than \$100 a year to speed up the adoption of electric vehicles. Women, middle aged voters, voters outside Hennepin/Ramsey counties, non-college voters, Republicans, and low income voters are most likely to say they would pay less than \$100.
- Fourteen percent are willing to pay between \$100-\$500.

	Less than \$100	<b>\$100 - \$500</b>	\$500 - \$1,000	More than \$1,000	Not sure
TOTAL	61%	14%	8%	2%	15%
Male	57%	16%	11%	3%	13%
Female	66%	12%	5%	1%	15%
Under 45	50%	20%	15%	5%	11%
45-64	72%	10%	5%	0%	13%
65+	67%	8%	1%	0%	22%
Hennepin/Ramsey	49%	17%	10%	5%	19%
Outer counties	66%	12%	6%	0%	16%
NE, W, S MN	67%	13%	8%	1%	11%
Non-college	67%	10%	5%	1%	17%
College	54%	19%	12%	4%	12%
Republican	64%	10%	9%	3%	14%
Independent	68%	11%	7%	0%	14%
Democrat	47%	25%	10%	4%	15%
Less than \$40k	70%	7%	3%	0%	20%
\$40k-\$80k	56%	17%	10%	0%	17%
\$80k or more	59%	17%	12%	5%	6%

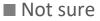


**Q17.** How much more would you be willing to spend personally every year to speed up the adoption of electric vehicles and electric vehicle charging throughout Minnesota?

### PHASE OUT SALE OF GAS, ETC.



- Minnesota should find other ways to encourage EV adoption. Phasing out liquid fuels and forcing everyone to buy a costly EV is not fair to Minnesotans, especially people who cannot afford an EV.
- Minnesota needs to do whatever it can to reduce our fossil fuel dependence.





**Q18.** To encourage faster adoption of electric vehicles and combat climate change from transportation, Minnesota lawmakers are considering adopting a policy that will completely phase out the sale of liquid transportation fuels like gasoline, diesel, ethanol and biodiesel by 2050. It will impose increasing financial penalties on makers and users of gasoline and diesel until 2050, and with that money, will subsidize utilities and electric vehicle charging. Based on what you know about this issue, which of the following comes closest to your own opinion?

#### BREAKOUT: PHASE OUT SALE OF LIQUID FUELS

- Two-thirds of Minnesota
  voters say phasing out liquid
  fuels is not fair to
  Minnesotans. Just 18% say
  Minnesota needs to do
  whatever it can to reduce
  fossil fuel dependence.
- Only a third of Democrats say the state needs to do whatever it can to reduce fossil fuel dependence.

	Minnesota should find other ways to encourage EV adoption. Phasing out liquid fuels and forcing everyone to buy a costly EV is not fair to Minnesotans, especially people who cannot afford an EV.		Not sure
TOTAL	66%	18%	15%
Male	63%	21%	16%
Female	69%	16%	15%
Under 45	58%	30%	12%
45-64	67%	12%	21%
65+	78%	8%	15%
Hennepin/Ramsey	64%	22%	14%
Outer counties	63%	13%	24%
NE, W, S MN	68%	19%	13%
Non-college	67%	15%	18%
College	65%	23%	12%
Republican	68%	15%	17%
Independent	70%	12%	18%
Democrat	59%	32%	9%
Less than \$40k	61%	19%	19%
\$40k-\$80k	71%	17%	12%
\$80k or more	65%	21%	15%

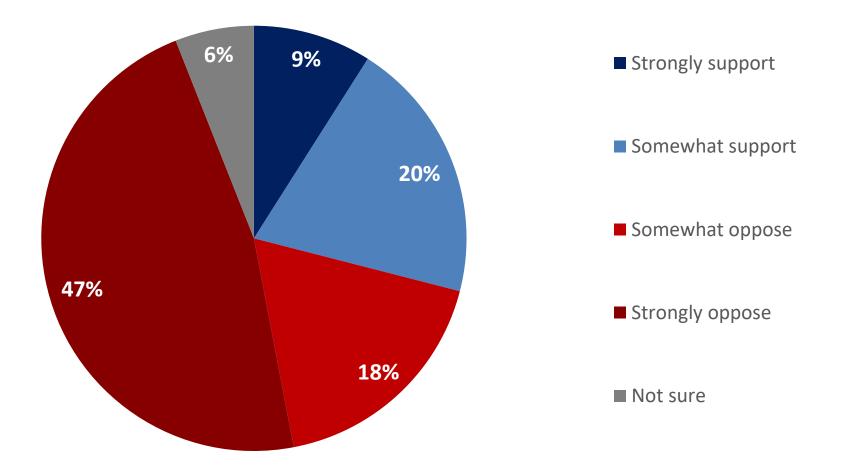


**Q18.** To encourage faster adoption of electric vehicles and combat climate change from transportation, Minnesota lawmakers are considering adopting a policy that will completely phase out the sale of liquid transportation fuels like gasoline, diesel, ethanol and biodiesel by 2050. It will impose increasing financial penalties on makers and users of gasoline and diesel until 2050, and with that money, will subsidize utilities and electric vehicle charging. Based on what you know about this issue, which of the following comes closest to your own opinion?

# RESTRICT GAS VEHICLE SALES



### BANS TO END SALE OF GAS VEHICLES





**Q19.** As you may have heard in the news recently, some states have been implementing plans to first restrict the sale of gas-and diesel-powered vehicles and then ban the sales of gas and diesel 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 and diesel-powered vehicles

### BREAKOUT: BANS TO END SALE OF GAS VEHICLES

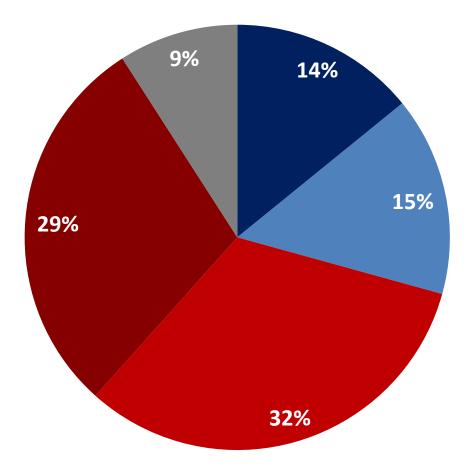
- Nearly two-thirds of voters
   oppose bans of the sale of gas powered vehicles, just 29%
   support these plans.
- Older voters, voters in counties outside Hennepin/Ramsey, Republican, and Independents voters are most likely to oppose the ban.

	Total support	Total oppose	Not sure
TOTAL	29%	65%	6%
Male	32%	65%	4%
Female	27%	66%	7%
Under 45	47%	48%	5%
45-64	20%	74%	6%
65+	13%	81%	7%
Hennepin/Ramsey	37%	57%	6%
Outer counties	19%	74%	6%
NE, W, S MN	29%	66%	5%
Non-college	23%	71%	6%
College	37%	58%	5%
Republican	21%	77%	2%
Independent	21%	74%	5%
Democrat	52%	39%	9%
Less than \$40k	24%	66%	10%
\$40k-\$80k	30%	66%	4%
\$80k or more	34%	63%	3%



**Q19.** As you may have heard in the news recently, some states have been implementing plans to first restrict the sale of gas-and diesel-powered vehicles and then ban the sales of gas and diesel 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 and diesel-powered vehicles

# ADOPT CA'S REGS OR WRITE OWN RULES



- More likely to support a ban in Minnesota that matches California's policy
- Somewhat less likely to support a ban if it will require Minnesota to enact California's policy
- Much less likely to support a ban if it means adopting California policy
- California's involvement doesn't matter to me where bans are concerned

Not sure



**Q20.** The states actively working to ban gasoline and diesel vehicle sales are doing so by enacting California's vehicle policy. Three years from now, California's approach will start reducing the number of gas-powered vehicles sold each year and there will be a full ban on sales of new gas and diesel cars and trucks by 2035.

In general, do you support Minnesota adopting California's policy

#### BREAKOUT: CA'S REGS OR WRITE OWN RULES

A plurality of voters in Minnesota say they would be less likely to support a ban if it means adoption California's policy.

	More likely to support a ban in Minnesota that matches	a ban if it means adopting	doesn't matter to me where	Not sure
TOTAL	California's policy 14%	California policy 48%	bans are concerned 29%	9%
Male	17%	48%	31%	5%
Female	11%	48%	29%	12%
Under 45	23%	45%	23%	9%
45-64	10%	47%	32%	11%
65+	5%	52%	36%	7%
Hennepin/Ramsey	21%	42%	28%	9%
Outer counties	10%	48%	31%	11%
NE, W, S MN	11%	51%	30%	8%
Non-college	10%	45%	34%	10%
College	19%	51%	23%	7%
Republican	11%	47%	35%	7%
Independent	9%	49%	34%	9%
Democrat	25%	47%	17%	11%
Less than \$40k	10%	41%	36%	13%
\$40k-\$80k	16%	50%	25%	9%
\$80k or more	17%	51%	27%	5%



**Q20.** The states actively working to ban gasoline and diesel vehicle sales are doing so by enacting California's vehicle policy. Three years from now, California's approach will start reducing the number of gas-powered vehicles sold each year and there will be a full ban on sales of new gas and diesel cars and trucks by 2035.

In general, do you support Minnesota adopting California's policy

### MESSAGING

Banning liquid fuels and mandating that people purchase expensive EVs could create unfair financial hardships for people.	8.24
While electric vehicles are practical in some states, the current EVs on the market do not make sense for Minnesota's harsh winters.	7.99
Regardless of how much you support the move to electric vehicles, Minnesota should not be forced to follow the rules of California.	7.93
While our free-market system is not perfect, government mandates or controls on what people can or can't buy never work out well.	7.71
No other state is seeking a full ban on sales of liquid fuels. Minnesota's policy is too extreme and leaves no room in the market for our home-grown	7.62
A full ban on gasoline and diesel vehicle sales in Minnesota could have a negative effect on the movement to EVs since it will likely alienate many	7.55
More people in Minnesota driving EVs is good for the environment but passing a complete ban on selling gas and diesel vehicles is a step too far for	7.55
A ban on gas and diesel vehicle sales would only mean that Minnesota residents would cross state lines to buy a gas car	7.32
There is no good reason for Minnesota to mandate EV sales, inflate gasoline and diesel costs, or ban the sale of liquid fuels and other cars when the	<b>7.19</b> Ranked on a 0 to
Minnesota lawmakers should seek a bipartisan solution to help ensure a smooth adoption of Evs	10 scale. 7.03



**Q21-30.** Below are a few reasons that others have given for why Minnesota should not proceed with banning the sale of new gas- and diesel-powered vehicles. Please rate each using a scale of 0 to 10 where 10, where 0 is strongly disagree and 10 is strongly agree. You can use any number between 0 and 10. For the questions below EV=Electric Vehicles.

#### BREAKOUT: MESSAGING

- Over three in five voters say that a ban on liquid fuels creates unfair financial hardships, that current EVs are not practical for Minnesota winters, and that Minnesota should write its own rules.
- A majority also strongly agree that government mandates never work well, banning liquid fuels is too extreme, banning the sale of gas cars will alienate many consumers, and that a complete ban is a step too far.

	Creates unfair financial hardships	Not practical for MN winters	MN should write own rules	Govt mandates never work well	No other state is banning liquid fuels	Will alienate many consumers	Complete ban is a step too far		Marketplace is heading that way	Should seek bipartisan solution
TOTAL	68%	62%	62%	58%	53%	56%	57%	50%	46%	46%
Male	66%	64%	60%	58%	57%	56%	54%	52%	51%	50%
Female	71%	61%	66%	59%	50%	57%	61%	49%	43%	43%
Under 45	53%	47%	44%	41%	39%	43%	43%	39%	34%	34%
45-64	76%	68%	71%	67%	61%	64%	63%	59%	49%	47%
65+	83%	76%	81%	73%	66%	67%	73%	57%	63%	65%
Hennepin/ Ramsey	67%	55%	55%	54%	45%	49%	51%	42%	45%	48%
Outer counties	72%	66%	69%	58%	60%	63%	58%	54%	51%	47%
NE, W, S MN	68%	64%	64%	60%	55%	58%	60%	53%	45%	44%
Non-college	75%	69%	68%	63%	56%	63%	63%	55%	51%	48%
College	61%	53%	56%	52%	49%	47%	50%	44%	41%	44%
Republican	81%	77%	76%	75%	69%	71%	70%	67%	60%	54%
Independent	74%	62%	67%	60%	57%	62%	60%	50%	48%	47%
Democrat	47%	41%	40%	36%	31%	31%	38%	30%	30%	40%
Less than \$40k	72%	65%	64%	61%	53%	63%	57%	56%	48%	49%
\$40k-\$80k	66%	58%	58%	51%	51%	57%	56%	48%	44%	40%
\$80k or more	67%	61%	64%	60%	55%	50%	57%	47%	48%	49%



**Q21-30** Below are a few reasons that others have given for why Minnesota should not proceed with banning the sale of new gas- and diesel-powered vehicles. Please rate each using a scale of 0 to 10 where 10, where 0 is strongly disagree and 10 is strongly agree. You can use any number between 0 and 10. For the questions below EV=Electric Vehicles. % Strongly agree (8-10)



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