



From: Katherine Patterson, Public Policy Polling

To: Interested Parties

Subject: Ahead of Detroit Debate - Majority of MI Voters Say Environment and Climate Change Are Priority, Support Clean Energy and Water

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Ahead of the second 2020 Democratic debate in Detroit, a new Public Policy Polling survey finds that environmental and climate issues are important to a majority (77%) of Michigan voters. Only 13% think the environment and climate change are not very important, and only 8% think they are not important at all. The margins are higher among African American voters — 85% say the environment and climate change are important — and Latinx voters, with 83% believing they are important issues.

Michiganders also disapprove of the job President Trump is doing on the environment and climate change by 14 points, with 51% disapproving and only 37% approving.

SUPPORT FOR CLEAN WATER AND CLEAN ENERGY

With issues ranging from lead pollution to toxic PFAS chemicals in drinking water to failing sewage treatment systems, Michigan faces a huge water infrastructure challenge. Michigan voters want to see candidates commit to investing in the state's water infrastructure.

The majority of Michigan voters want to move to a completely clean energy economy by 2050 at the latest.

- 75% of voters say it is very or fairly important for a candidate to commit to strong investment in Michigan water structure
- By a 2-to-1 margin, Michiganders support moving to a completely clean energy economy by 2050 (53-25), including 67% of African American voters and 57% of Latinx voters
- Even more voters (58%) support setting a new national clean energy standard that would require at least 50% of electricity to come from clean and renewable energy sources like solar and wind power by 2035, with only 26% opposing. This includes 75% of African American voters and 63% of Latinx voters.

PPP surveyed 665 Michigan voters from July 19-21, 2019. The margin of error is +/- 3.8%. 70% of interviews for the survey were conducted by telephone and 30% over the Internet to reach respondents without landline telephones. The poll was conducted on behalf of the League of Conservation Voters (LCV).





Michigan Survey Results

Q1 Do you approve or disapprove of President Donald Trump's job performance?

Approve 44%
Disapprove 52%
Not sure 4%

Q2 Do you think the environment and climate change is the most important issue, a very important issue, a somewhat important issue, not a very important issue, or not an important issue at all?

Most important issue 14%
Very important issue 40%
Somewhat important issue 23%
Not a very important issue 13%
Not an important issue at all 8%
Not sure 2%

Q3 Do you approve or disapprove of the job President Trump is doing on environment and climate change issues?

Approve 37%
Disapprove 51%
Not sure 11%

Q4 Which party do you trust more when it comes to the environment and climate change: Democrats, or Republicans?

Trust Democrats more 50%
Trust Republicans more 35%
Not sure 15%

Q5 Do you support or oppose moving to a completely clean energy economy by 2050?

Support 53%
Oppose 25%
Not sure 23%

Q6 Do you support or oppose setting a new national clean energy standard that would require at least 50% of our electricity to come from clean and renewable energy sources like solar and wind power by the year 2035?

Support 58%
Oppose 26%
Not sure 16%

Q7 If a candidate makes addressing climate change a top priority and has a detailed plan including reducing carbon pollution that he or she can begin on day one: would that make you much more likely, somewhat more likely, somewhat less likely, or much less likely to vote for them, or would it not make a difference?

Much more likely 26%
Somewhat more likely 29%
Somewhat less likely 10%
Much less likely 15%
It wouldn't make a difference 15%
Not sure 6%

Q8 Would you be much more likely, somewhat more likely, somewhat less likely or much less likely to vote for a candidate who has a climate change plan that makes communities most affected by pollution his or her priority including lower income communities and communities of color, or would it not make a difference?

Much more likely 27%
Somewhat more likely 28%
Somewhat less likely 12%
Much less likely 11%
It wouldn't make a difference 14%
Not sure 8%





Q9 Would you be much more likely, somewhat more likely, somewhat less likely or much less likely to vote for a candidate who pledges to make the environment and climate change a top issue in their administration and who will put a priority on policies to move the United States to a 100% clean energy economy, or would it not make a difference?

<i>Much more likely</i>	27%
<i>Somewhat more likely</i>	24%
<i>Somewhat less likely</i>	14%
<i>Much less likely</i>	16%
<i>It wouldn't make a difference</i>	13%
<i>Not sure</i>	7%

Q10 There are a variety of reasons to take action to reduce climate change. I'm going to read you a few of them and please tell me if you find it very convincing, fairly convincing, somewhat convincing, not that convincing, or not convincing at all. Here's the first one: In the past two years, more than 3,000 Americans died in climate-related disasters. Extreme weather is already taking a deadly toll on communities across the country and it's expected to get worse. Do you find this reason very convincing, fairly convincing, somewhat convincing, not that convincing, or not convincing at all to take actions to reduce climate change?

<i>Very convincing</i>	28%
<i>Fairly convincing</i>	18%
<i>Somewhat convincing</i>	17%
<i>Not that convincing</i>	13%
<i>Not convincing at all</i>	19%
<i>Not sure</i>	5%

Q11 Here's the next one: Climate change is a public health emergency. It increases the threat posed by toxic air pollution leading to more asthma attacks and heart disease. Do you find this reason very convincing, fairly convincing, somewhat convincing, not that convincing, or not convincing at all to take actions to reduce climate change?

<i>Very convincing</i>	26%
<i>Fairly convincing</i>	21%
<i>Somewhat convincing</i>	19%
<i>Not that convincing</i>	13%
<i>Not convincing at all</i>	16%
<i>Not sure</i>	6%

Q12 Here's the next one: China and other countries have started responding to climate change and growing their clean energy sector at a much faster rate than the U.S. In 2017, China added more solar energy in a single year than existed in the entire United States. Do you find this reason very convincing, fairly convincing, somewhat convincing, not that convincing, or not convincing at all to take actions to reduce climate change?

<i>Very convincing</i>	26%
<i>Fairly convincing</i>	18%
<i>Somewhat convincing</i>	19%
<i>Not that convincing</i>	13%
<i>Not convincing at all</i>	17%
<i>Not sure</i>	7%





Q13 Here's the next one: Public health experts say climate change threatens the quality of the air we breathe and the water we drink – increasing the threats of dangerous air pollution and toxic algae in our Great Lakes. Do you find this reason very convincing, fairly convincing, somewhat convincing, not that convincing, or not convincing at all to take actions to reduce climate change?

<i>Very convincing</i>	31%
<i>Fairly convincing</i>	19%
<i>Somewhat convincing</i>	18%
<i>Not that convincing</i>	13%
<i>Not convincing at all</i>	14%
<i>Not sure</i>	5%

Q14 Here's the last one: Climate change is driving increased rain and flooding while shortening growing seasons. Corn and soybean production is expected to drop 10 to 30 percent in parts of Michigan by 2050. Do you find this reason very convincing, fairly convincing, somewhat convincing, not that convincing, or not convincing at all to take actions to reduce climate change?

<i>Very convincing</i>	29%
<i>Fairly convincing</i>	19%
<i>Somewhat convincing</i>	18%
<i>Not that convincing</i>	11%
<i>Not convincing at all</i>	17%
<i>Not sure</i>	5%

Q15 From lead pollution to PFAS chemical contamination to failing sewage treatment systems, it is clear that we are facing a huge water infrastructure challenge in Michigan and throughout the country. How important is it to you that a candidate commit to strongly investing in our water infrastructure: very important, fairly important, not that important, not important at all, or do you have no preference?

<i>Very important</i>	46%
<i>Fairly important</i>	29%
<i>Not that important</i>	11%
<i>Not important at all</i>	3%
<i>No preference</i>	5%
<i>Not sure</i>	6%

Q16 In the election for President, did you vote for Republican Donald Trump, Democrat Hillary Clinton, someone else, or did you not vote in the election?

<i>Donald Trump</i>	46%
<i>Hillary Clinton</i>	45%
<i>Someone else / Did not vote</i>	9%

Q17 If you are a woman, press 1. If a man, press 2.

<i>Woman</i>	53%
<i>Man</i>	47%

Q18 If you are a Democrat, press 1. If a Republican, press 2. If you are an independent, press 3.

<i>Democrat</i>	34%
<i>Republican</i>	31%
<i>Independent</i>	35%



Q19 If you are Hispanic or Latino, press 1. If white, press 2. If African-American, press 3. If other, press 4.

<i>Hispanic / Latino</i>	3%
<i>White</i>	80%
<i>African-American</i>	14%
<i>Other</i>	3%

Q20 If you are 18-29 years old, press 1. If 30-45, press 2. If 46-65, press 3. If older than 65, press 5.

<i>18 to 29</i>	14%
<i>30 to 45</i>	19%
<i>46 to 65</i>	38%
<i>Older than 65</i>	30%

Q21 Mode

<i>Phone</i>	70%
<i>Internet</i>	30%



	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Trump Approval				
Approve	44%	91%	3%	12%
Disapprove	52%	7%	94%	72%
Not sure	4%	3%	3%	16%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Environment and Climate Change Level of Importance				
Most important issue	14%	5%	24%	11%
Very important issue	40%	20%	59%	44%
Somewhat important issue	23%	32%	13%	29%
Not a very important issue	13%	26%	1%	3%
Not an important issue at all	8%	15%	1%	1%
Not sure	2%	2%	1%	12%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Trump on Environment and Climate Change Approve / Disapprove				
Approve	37%	78%	2%	7%
Disapprove	51%	9%	91%	70%
Not sure	11%	13%	7%	23%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Trust Democrats / Republicans More on Environment and Climate Change				
Trust Democrats more	50%	12%	89%	47%
Trust Republicans more	35%	74%	1%	6%
Not sure	15%	14%	10%	48%





	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Moving to Clean Economy by 2050 Support / Oppose				
Support	53%	29%	73%	69%
Oppose	25%	46%	6%	5%
Not sure	23%	25%	20%	25%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
National Clean Energy Standard Support / Oppose				
Support	58%	33%	79%	73%
Oppose	26%	48%	8%	7%
Not sure	16%	19%	12%	20%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Candidate Has Climate Change Plan More / Less Likely to Support				
Much more likely	26%	7%	45%	24%
Somewhat more likely	29%	20%	36%	37%
Somewhat less likely	10%	17%	3%	6%
Much less likely	15%	28%	3%	4%
It wouldn't make a difference	15%	22%	8%	16%
Not sure	6%	6%	4%	13%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Candidate Prioritizes Communities Most Affected More / Less Likely to Support				
Much more likely	27%	7%	46%	31%
Somewhat more likely	28%	25%	30%	24%
Somewhat less likely	12%	19%	7%	4%
Much less likely	11%	19%	4%	9%
It wouldn't make a difference	14%	22%	4%	18%
Not sure	8%	7%	8%	13%





	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Candidate Will Prioritize 100% Clean Energy Economy More / Less Likely to Support				
Much more likely	27%	9%	46%	20%
Somewhat more likely	24%	16%	29%	39%
Somewhat less likely	14%	18%	10%	7%
Much less likely	16%	29%	4%	5%
It wouldn't make a difference	13%	20%	6%	16%
Not sure	7%	7%	6%	13%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Extreme Weather Already Taking Deadly Toll Convincing Reason to Act Yes / No				
Very convincing	28%	10%	48%	20%
Fairly convincing	18%	9%	26%	31%
Somewhat convincing	17%	17%	17%	24%
Not that convincing	13%	22%	3%	12%
Not convincing at all	19%	37%	3%	4%
Not sure	5%	6%	3%	9%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Climate Change a Public Health Emergency Convincing Reason to Act Yes / No				
Very convincing	26%	9%	44%	27%
Fairly convincing	21%	13%	27%	25%
Somewhat convincing	19%	19%	18%	24%
Not that convincing	13%	23%	4%	7%
Not convincing at all	16%	30%	3%	4%
Not sure	6%	6%	5%	12%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
China Added More Solar Energy Than U.S. Convincing Reason to Act Yes / No				
Very convincing	26%	8%	42%	34%
Fairly convincing	18%	11%	25%	18%
Somewhat convincing	19%	18%	19%	25%
Not that convincing	13%	21%	5%	8%
Not convincing at all	17%	33%	3%	4%
Not sure	7%	9%	5%	12%





	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Climate Change Threatens Air and Water Quality Convincing Reason to Act Yes / No				
Very convincing	31%	11%	51%	34%
Fairly convincing	19%	12%	24%	35%
Somewhat convincing	18%	23%	15%	8%
Not that convincing	13%	20%	6%	9%
Not convincing at all	14%	28%	1%	2%
Not sure	5%	6%	3%	13%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Corn and Soybean Production Will Decrease Convincing Reason to Act Yes / No				
Very convincing	29%	9%	52%	24%
Fairly convincing	19%	14%	20%	38%
Somewhat convincing	18%	19%	18%	13%
Not that convincing	11%	19%	4%	9%
Not convincing at all	17%	34%	2%	6%
Not sure	5%	5%	4%	12%

	Base	2016 Vote		
		Donald Trump	Hillary Clinton	Someone else / Did not vote
Candidate Commits to Investing in Water Infrastructure Level of Importance				
Very important	46%	32%	61%	43%
Fairly important	29%	31%	25%	36%
Not that important	11%	16%	8%	3%
Not important at all	3%	6%	1%	1%
No preference	5%	9%	1%	5%
Not sure	6%	6%	5%	11%

	Base	Gender	
		Woman	Man
Trump Approval			
Approve	44%	38%	51%
Disapprove	52%	57%	46%
Not sure	4%	5%	3%



	Base	Gender	
		Woman	Man
Environment and Climate Change Level of Importance			
Most important issue	14%	17%	10%
Very important issue	40%	38%	41%
Somewhat important issue	23%	24%	22%
Not a very important issue	13%	11%	15%
Not an important issue at all	8%	6%	10%
Not sure	2%	4%	1%

	Base	Gender	
		Woman	Man
Trump on Environment and Climate Change Approve / Disapprove			
Approve	37%	31%	44%
Disapprove	51%	54%	49%
Not sure	11%	15%	7%

	Base	Gender	
		Woman	Man
Trust Democrats / Republicans More on Environment and Climate Change			
Trust Democrats more	50%	51%	49%
Trust Republicans more	35%	32%	39%
Not sure	15%	17%	13%

	Base	Gender	
		Woman	Man
Moving to Clean Economy by 2050 Support / Oppose			
Support	53%	56%	48%
Oppose	25%	18%	32%
Not sure	23%	26%	19%



	Base	Gender	
		Woman	Man
National Clean Energy Standard Support / Oppose			
Support	58%	59%	56%
Oppose	26%	22%	32%
Not sure	16%	19%	12%

	Base	Gender	
		Woman	Man
Candidate Has Climate Change Plan More / Less Likely to Support			
Much more likely	26%	26%	25%
Somewhat more likely	29%	30%	27%
Somewhat less likely	10%	6%	14%
Much less likely	15%	14%	15%
It wouldn't make a difference	15%	14%	16%
Not sure	6%	9%	3%

	Base	Gender	
		Woman	Man
Candidate Prioritizes Communities Most Affected More / Less Likely to Support			
Much more likely	27%	29%	25%
Somewhat more likely	28%	28%	27%
Somewhat less likely	12%	9%	17%
Much less likely	11%	10%	13%
It wouldn't make a difference	14%	13%	15%
Not sure	8%	12%	3%

	Base	Gender	
		Woman	Man
Candidate Will Prioritize 100% Clean Energy Economy More / Less Likely to Support			
Much more likely	27%	28%	26%
Somewhat more likely	24%	27%	20%
Somewhat less likely	14%	9%	19%
Much less likely	16%	13%	19%
It wouldn't make a difference	13%	13%	13%
Not sure	7%	10%	4%





	Base	Gender	
		Woman	Man
Extreme Weather Already Taking Deadly Toll Convincing Reason to Act Yes / No			
Very convincing	28%	29%	26%
Fairly convincing	18%	19%	18%
Somewhat convincing	17%	17%	18%
Not that convincing	13%	11%	15%
Not convincing at all	19%	16%	22%
Not sure	5%	8%	1%

	Base	Gender	
		Woman	Man
Climate Change a Public Health Emergency Convincing Reason to Act Yes / No			
Very convincing	26%	29%	23%
Fairly convincing	21%	22%	19%
Somewhat convincing	19%	16%	22%
Not that convincing	13%	11%	15%
Not convincing at all	16%	13%	18%
Not sure	6%	8%	3%

	Base	Gender	
		Woman	Man
China Added More Solar Energy Than U.S. Convincing Reason to Act Yes / No			
Very convincing	26%	28%	23%
Fairly convincing	18%	16%	19%
Somewhat convincing	19%	18%	21%
Not that convincing	13%	12%	14%
Not convincing at all	17%	14%	20%
Not sure	7%	11%	3%

	Base	Gender	
		Woman	Man
Climate Change Threatens Air and Water Quality Convincing Reason to Act Yes / No			
Very convincing	31%	36%	25%
Fairly convincing	19%	20%	19%
Somewhat convincing	18%	14%	22%
Not that convincing	13%	13%	12%
Not convincing at all	14%	10%	18%
Not sure	5%	8%	3%





	Base	Gender	
		Woman	Man
Corn and Soybean Production Will Decrease Convincing Reason to Act Yes / No			
Very convincing	29%	35%	23%
Fairly convincing	19%	17%	21%
Somewhat convincing	18%	16%	21%
Not that convincing	11%	10%	14%
Not convincing at all	17%	14%	20%
Not sure	5%	8%	1%

	Base	Gender	
		Woman	Man
Candidate Commits to Investing in Water Infrastructure Level of Importance			
Very important	46%	47%	44%
Fairly important	29%	28%	29%
Not that important	11%	8%	15%
Not important at all	3%	3%	4%
No preference	5%	4%	5%
Not sure	6%	9%	2%

	Base	Party		
		Democrat	Republican	Independent
Trump Approval				
Approve	44%	12%	82%	41%
Disapprove	52%	85%	15%	53%
Not sure	4%	3%	3%	6%

	Base	Party		
		Democrat	Republican	Independent
Environment and Climate Change Level of Importance				
Most important issue	14%	21%	7%	14%
Very important issue	40%	54%	25%	38%
Somewhat important issue	23%	19%	28%	24%
Not a very important issue	13%	5%	24%	11%
Not an important issue at all	8%	1%	14%	9%
Not sure	2%	-	3%	5%



	Base	Party		
		Democrat	Republican	Independent
Trump on Environment and Climate Change Approve / Disapprove				
Approve	37%	10%	70%	35%
Disapprove	51%	82%	15%	54%
Not sure	11%	8%	15%	11%

	Base	Party		
		Democrat	Republican	Independent
Trust Democrats / Republicans More on Environment and Climate Change				
Trust Democrats more	50%	85%	17%	45%
Trust Republicans more	35%	7%	74%	29%
Not sure	15%	9%	9%	26%

	Base	Party		
		Democrat	Republican	Independent
Moving to Clean Economy by 2050 Support / Oppose				
Support	53%	72%	34%	50%
Oppose	25%	11%	40%	24%
Not sure	23%	18%	25%	26%

	Base	Party		
		Democrat	Republican	Independent
National Clean Energy Standard Support / Oppose				
Support	58%	76%	42%	53%
Oppose	26%	11%	41%	28%
Not sure	16%	13%	17%	18%

	Base	Party		
		Democrat	Republican	Independent
Candidate Has Climate Change Plan More / Less Likely to Support				
Much more likely	26%	42%	7%	26%
Somewhat more likely	29%	38%	26%	22%
Somewhat less likely	10%	6%	14%	10%
Much less likely	15%	4%	25%	16%
It wouldn't make a difference	15%	7%	20%	19%
Not sure	6%	3%	7%	8%

	Base	Party		
		Democrat	Republican	Independent
Candidate Prioritizes Communities Most Affected More / Less Likely to Support				
Much more likely	27%	43%	10%	26%
Somewhat more likely	28%	31%	27%	24%
Somewhat less likely	12%	10%	18%	10%
Much less likely	11%	4%	17%	14%
It wouldn't make a difference	14%	6%	20%	16%
Not sure	8%	6%	8%	10%



	Base	Party		
		Democrat	Republican	Independent
Candidate Will Prioritize 100% Clean Energy Economy More / Less Likely to Support				
Much more likely	27%	42%	12%	25%
Somewhat more likely	24%	27%	17%	26%
Somewhat less likely	14%	11%	18%	13%
Much less likely	16%	6%	24%	17%
It wouldn't make a difference	13%	8%	19%	13%
Not sure	7%	7%	9%	6%

	Base	Party		
		Democrat	Republican	Independent
Extreme Weather Already Taking Deadly Toll Convincing Reason to Act Yes / No				
Very convincing	28%	46%	11%	25%
Fairly convincing	18%	22%	13%	20%
Somewhat convincing	17%	17%	18%	18%
Not that convincing	13%	6%	23%	11%
Not convincing at all	19%	7%	28%	21%
Not sure	5%	3%	6%	6%

	Base	Party		
		Democrat	Republican	Independent
Climate Change a Public Health Emergency Convincing Reason to Act Yes / No				
Very convincing	26%	42%	10%	26%
Fairly convincing	21%	27%	15%	19%
Somewhat convincing	19%	16%	25%	17%
Not that convincing	13%	5%	21%	13%
Not convincing at all	16%	5%	22%	20%
Not sure	6%	5%	7%	5%

	Base	Party		
		Democrat	Republican	Independent
China Added More Solar Energy Than U.S. Convincing Reason to Act Yes / No				
Very convincing	26%	40%	10%	25%
Fairly convincing	18%	22%	13%	18%
Somewhat convincing	19%	20%	20%	18%
Not that convincing	13%	7%	20%	12%
Not convincing at all	17%	6%	27%	19%
Not sure	7%	5%	10%	7%



	Base	Party		
		Democrat	Republican	Independent
Climate Change Threatens Air and Water Quality Convincing Reason to Act Yes / No				
Very convincing	31%	46%	13%	32%
Fairly convincing	19%	22%	16%	19%
Somewhat convincing	18%	15%	26%	13%
Not that convincing	13%	8%	19%	12%
Not convincing at all	14%	4%	20%	17%
Not sure	5%	3%	6%	6%

	Base	Party		
		Democrat	Republican	Independent
Corn and Soybean Production Will Decrease Convincing Reason to Act Yes / No				
Very convincing	29%	52%	11%	24%
Fairly convincing	19%	17%	18%	21%
Somewhat convincing	18%	17%	22%	15%
Not that convincing	11%	4%	17%	14%
Not convincing at all	17%	7%	27%	18%
Not sure	5%	4%	4%	7%

	Base	Party		
		Democrat	Republican	Independent
Candidate Commits to Investing in Water Infrastructure Level of Importance				
Very important	46%	59%	32%	45%
Fairly important	29%	21%	39%	27%
Not that important	11%	11%	13%	11%
Not important at all	3%	1%	3%	5%
No preference	5%	5%	5%	4%
Not sure	6%	4%	6%	7%

	Base	Race			
		Hispanic / Latino	White	African-American	Other
Trump Approval					
Approve	44%	29%	51%	9%	32%
Disapprove	52%	66%	45%	89%	55%
Not sure	4%	6%	4%	1%	13%



	Base	Race			
		Hispanic / Latino	White	African-American	Other
Environment and Climate Change Level of Importance					
Most important issue	14%	5%	13%	21%	23%
Very important issue	40%	60%	39%	42%	39%
Somewhat important issue	23%	18%	24%	22%	14%
Not a very important issue	13%	-	15%	3%	7%
Not an important issue at all	8%	17%	8%	4%	18%
Not sure	2%	-	2%	8%	-

	Base	Race			
		Hispanic / Latino	White	African-American	Other
Trump on Environment and Climate Change Approve / Disapprove					
Approve	37%	38%	42%	11%	26%
Disapprove	51%	37%	46%	82%	54%
Not sure	11%	25%	11%	7%	19%

	Base	Race			
		Hispanic / Latino	White	African-American	Other
Trust Democrats / Republicans More on Environment and Climate Change					
Trust Democrats more	50%	38%	46%	74%	45%
Trust Republicans more	35%	38%	41%	6%	24%
Not sure	15%	24%	13%	20%	31%

	Base	Race			
		Hispanic / Latino	White	African-American	Other
Moving to Clean Economy by 2050 Support / Oppose					
Support	53%	57%	50%	67%	54%
Oppose	25%	26%	27%	11%	29%
Not sure	23%	17%	24%	22%	17%





	Base	Race			
		Hispanic / Latino	White	African-American	Other
National Clean Energy Standard Support / Oppose					
Support	58%	63%	55%	75%	47%
Oppose	26%	29%	28%	14%	39%
Not sure	16%	8%	17%	11%	14%

	Base	Race			
		Hispanic / Latino	White	African-American	Other
Candidate Has Climate Change Plan More / Less Likely to Support					
Much more likely	26%	31%	24%	31%	38%
Somewhat more likely	29%	26%	28%	36%	17%
Somewhat less likely	10%	17%	10%	4%	12%
Much less likely	15%	17%	16%	7%	15%
It wouldn't make a difference	15%	9%	15%	15%	18%
Not sure	6%	-	6%	7%	-

	Base	Race			
		Hispanic / Latino	White	African-American	Other
Candidate Prioritizes Communities Most Affected More / Less Likely to Support					
Much more likely	27%	54%	23%	39%	45%
Somewhat more likely	28%	6%	31%	16%	16%
Somewhat less likely	12%	14%	12%	13%	7%
Much less likely	11%	17%	11%	12%	16%
It wouldn't make a difference	14%	9%	15%	8%	12%
Not sure	8%	-	8%	12%	4%

	Base	Race			
		Hispanic / Latino	White	African-American	Other
Candidate Will Prioritize 100% Clean Energy Economy More / Less Likely to Support					
Much more likely	27%	33%	26%	28%	38%
Somewhat more likely	24%	41%	22%	29%	16%
Somewhat less likely	14%	-	14%	16%	15%
Much less likely	16%	17%	16%	9%	24%
It wouldn't make a difference	13%	9%	15%	8%	7%
Not sure	7%	-	7%	10%	-





	Base	Race			
		Hispanic / Latino	White	African-American	Other
Extreme Weather Already Taking Deadly Toll Convincing Reason to Act Yes / No					
Very convincing	28%	40%	26%	39%	27%
Fairly convincing	18%	20%	19%	15%	17%
Somewhat convincing	17%	14%	15%	31%	16%
Not that convincing	13%	-	15%	2%	13%
Not convincing at all	19%	26%	20%	8%	27%
Not sure	5%	-	5%	4%	-

	Base	Race			
		Hispanic / Latino	White	African-American	Other
Climate Change a Public Health Emergency Convincing Reason to Act Yes / No					
Very convincing	26%	23%	25%	36%	29%
Fairly convincing	21%	37%	22%	12%	10%
Somewhat convincing	19%	14%	17%	30%	21%
Not that convincing	13%	-	14%	7%	9%
Not convincing at all	16%	26%	16%	8%	31%
Not sure	6%	-	6%	7%	-

	Base	Race			
		Hispanic / Latino	White	African-American	Other
China Added More Solar Energy Than U.S. Convincing Reason to Act Yes / No					
Very convincing	26%	27%	23%	38%	37%
Fairly convincing	18%	8%	19%	10%	16%
Somewhat convincing	19%	17%	17%	36%	8%
Not that convincing	13%	23%	14%	4%	12%
Not convincing at all	17%	26%	18%	7%	27%
Not sure	7%	-	8%	4%	-

	Base	Race			
		Hispanic / Latino	White	African-American	Other
Climate Change Threatens Air and Water Quality Convincing Reason to Act Yes / No					
Very convincing	31%	35%	30%	33%	41%
Fairly convincing	19%	23%	18%	25%	17%
Somewhat convincing	18%	17%	18%	17%	10%
Not that convincing	13%	17%	13%	15%	4%
Not convincing at all	14%	9%	15%	6%	27%
Not sure	5%	-	6%	4%	-





	Base	Race			
		Hispanic / Latino	White	African-American	Other
Corn and Soybean Production Will Decrease Convincing Reason to Act Yes / No					
Very convincing	29%	35%	28%	33%	39%
Fairly convincing	19%	28%	20%	14%	15%
Somewhat convincing	18%	12%	15%	37%	11%
Not that convincing	11%	-	13%	5%	9%
Not convincing at all	17%	26%	18%	6%	27%
Not sure	5%	-	6%	4%	-

	Base	Race			
		Hispanic / Latino	White	African-American	Other
Candidate Commits to Investing in Water Infrastructure Level of Importance					
Very important	46%	49%	46%	45%	44%
Fairly important	29%	20%	30%	25%	30%
Not that important	11%	5%	10%	23%	11%
Not important at all	3%	17%	3%	-	9%
No preference	5%	9%	5%	1%	5%
Not sure	6%	-	6%	7%	-

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Trump Approval					
Approve	44%	25%	45%	49%	46%
Disapprove	52%	69%	49%	50%	48%
Not sure	4%	6%	5%	2%	6%

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Environment and Climate Change Level of Importance					
Most important issue	14%	16%	13%	12%	16%
Very important issue	40%	45%	39%	38%	39%
Somewhat important issue	23%	22%	16%	27%	23%
Not a very important issue	13%	8%	16%	13%	13%
Not an important issue at all	8%	-	10%	9%	9%
Not sure	2%	9%	6%	0%	-





	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Trump on Environment and Climate Change Approve / Disapprove					
Approve	37%	27%	37%	41%	37%
Disapprove	51%	61%	44%	49%	54%
Not sure	11%	11%	19%	10%	9%

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Trust Democrats / Republicans More on Environment and Climate Change					
Trust Democrats more	50%	67%	35%	48%	54%
Trust Republicans more	35%	14%	36%	41%	38%
Not sure	15%	19%	29%	12%	9%

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Moving to Clean Economy by 2050 Support / Oppose					
Support	53%	66%	59%	46%	50%
Oppose	25%	10%	15%	35%	24%
Not sure	23%	24%	26%	19%	25%

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
National Clean Energy Standard Support / Oppose					
Support	58%	66%	63%	51%	58%
Oppose	26%	20%	16%	33%	28%
Not sure	16%	15%	22%	15%	14%





	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Candidate Has Climate Change Plan More / Less Likely to Support					
Much more likely	26%	27%	21%	24%	31%
Somewhat more likely	29%	38%	32%	25%	26%
Somewhat less likely	10%	9%	5%	10%	13%
Much less likely	15%	8%	12%	19%	14%
It wouldn't make a difference	15%	10%	15%	17%	16%
Not sure	6%	9%	14%	5%	1%

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Candidate Prioritizes Communities Most Affected More / Less Likely to Support					
Much more likely	27%	16%	24%	27%	34%
Somewhat more likely	28%	39%	22%	27%	27%
Somewhat less likely	12%	23%	10%	10%	11%
Much less likely	11%	8%	10%	14%	10%
It wouldn't make a difference	14%	-	17%	15%	16%
Not sure	8%	14%	16%	6%	2%

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Candidate Will Prioritize 100% Clean Energy Economy More / Less Likely to Support					
Much more likely	27%	14%	26%	26%	34%
Somewhat more likely	24%	35%	19%	21%	25%
Somewhat less likely	14%	24%	15%	12%	10%
Much less likely	16%	3%	11%	21%	17%
It wouldn't make a difference	13%	13%	14%	15%	12%
Not sure	7%	11%	14%	6%	2%

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Extreme Weather Already Taking Deadly Toll Convincing Reason to Act Yes / No					
Very convincing	28%	25%	19%	27%	35%
Fairly convincing	18%	25%	22%	16%	16%
Somewhat convincing	17%	32%	16%	14%	15%
Not that convincing	13%	6%	12%	15%	14%
Not convincing at all	19%	4%	20%	23%	19%
Not sure	5%	9%	10%	4%	1%





	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Climate Change a Public Health Emergency Convincing Reason to Act Yes / No					
Very convincing	26%	23%	28%	25%	28%
Fairly convincing	21%	26%	24%	17%	20%
Somewhat convincing	19%	28%	11%	20%	18%
Not that convincing	13%	13%	6%	14%	16%
Not convincing at all	16%	1%	17%	19%	16%
Not sure	6%	9%	14%	4%	1%

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
China Added More Solar Energy Than U.S. Convincing Reason to Act Yes / No					
Very convincing	26%	21%	21%	27%	29%
Fairly convincing	18%	21%	14%	19%	18%
Somewhat convincing	19%	34%	19%	15%	19%
Not that convincing	13%	10%	11%	13%	16%
Not convincing at all	17%	5%	17%	21%	18%
Not sure	7%	9%	19%	6%	1%

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Climate Change Threatens Air and Water Quality Convincing Reason to Act Yes / No					
Very convincing	31%	27%	25%	30%	37%
Fairly convincing	19%	13%	29%	19%	16%
Somewhat convincing	18%	31%	10%	18%	16%
Not that convincing	13%	13%	9%	13%	15%
Not convincing at all	14%	6%	13%	17%	14%
Not sure	5%	9%	15%	3%	1%

	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Corn and Soybean Production Will Decrease Convincing Reason to Act Yes / No					
Very convincing	29%	20%	21%	32%	36%
Fairly convincing	19%	19%	25%	18%	16%
Somewhat convincing	18%	41%	12%	15%	15%
Not that convincing	11%	6%	8%	13%	14%
Not convincing at all	17%	5%	20%	20%	18%
Not sure	5%	9%	14%	3%	1%





	Base	Age			
		18 to 29	30 to 45	46 to 65	Older than 65
Candidate Commits to Investing in Water Infrastructure Level of Importance					
Very important	46%	33%	44%	47%	51%
Fairly important	29%	33%	31%	29%	25%
Not that important	11%	20%	5%	11%	12%
Not important at all	3%	-	2%	4%	5%
No preference	5%	2%	6%	4%	6%
Not sure	6%	13%	11%	5%	1%

	Base	Mode	
		Phone	Internet
Trump Approval			
Approve	44%	50%	29%
Disapprove	52%	46%	65%
Not sure	4%	3%	6%

	Base	Mode	
		Phone	Internet
Environment and Climate Change Level of Importance			
Most important issue	14%	14%	14%
Very important issue	40%	37%	45%
Somewhat important issue	23%	24%	21%
Not a very important issue	13%	16%	6%
Not an important issue at all	8%	9%	5%
Not sure	2%	-	8%

	Base	Mode	
		Phone	Internet
Trump on Environment and Climate Change Approve / Disapprove			
Approve	37%	43%	23%
Disapprove	51%	48%	59%
Not sure	11%	9%	18%



	Base	Mode	
		Phone	Internet
Trust Democrats / Republicans More on Environment and Climate Change			
Trust Democrats more	50%	50%	49%
Trust Republicans more	35%	41%	21%
Not sure	15%	9%	30%

	Base	Mode	
		Phone	Internet
Moving to Clean Economy by 2050 Support / Oppose			
Support	53%	45%	69%
Oppose	25%	33%	6%
Not sure	23%	22%	25%

	Base	Mode	
		Phone	Internet
National Clean Energy Standard Support / Oppose			
Support	58%	53%	69%
Oppose	26%	33%	10%
Not sure	16%	14%	21%

	Base	Mode	
		Phone	Internet
Candidate Has Climate Change Plan More / Less Likely to Support			
Much more likely	26%	28%	20%
Somewhat more likely	29%	23%	42%
Somewhat less likely	10%	13%	3%
Much less likely	15%	19%	5%
It wouldn't make a difference	15%	16%	13%
Not sure	6%	1%	18%



	Base	Mode	
		Phone	Internet
Candidate Prioritizes Communities Most Affected More / Less Likely to Support			
Much more likely	27%	30%	20%
Somewhat more likely	28%	24%	35%
Somewhat less likely	12%	14%	8%
Much less likely	11%	13%	7%
It wouldn't make a difference	14%	16%	9%
Not sure	8%	3%	20%

	Base	Mode	
		Phone	Internet
Candidate Will Prioritize 100% Clean Energy Economy More / Less Likely to Support			
Much more likely	27%	30%	20%
Somewhat more likely	24%	23%	25%
Somewhat less likely	14%	12%	18%
Much less likely	16%	21%	3%
It wouldn't make a difference	13%	13%	15%
Not sure	7%	2%	19%

	Base	Mode	
		Phone	Internet
Extreme Weather Already Taking Deadly Toll Convincing Reason to Act Yes / No			
Very convincing	28%	29%	24%
Fairly convincing	18%	15%	27%
Somewhat convincing	17%	17%	19%
Not that convincing	13%	14%	10%
Not convincing at all	19%	24%	6%
Not sure	5%	1%	14%

	Base	Mode	
		Phone	Internet
Climate Change a Public Health Emergency Convincing Reason to Act Yes / No			
Very convincing	26%	26%	28%
Fairly convincing	21%	19%	25%
Somewhat convincing	19%	18%	22%
Not that convincing	13%	16%	6%
Not convincing at all	16%	21%	4%
Not sure	6%	2%	16%





	Base	Mode	
		Phone	Internet
China Added More Solar Energy Than U.S. Convincing Reason to Act Yes / No			
Very convincing	26%	27%	24%
Fairly convincing	18%	17%	18%
Somewhat convincing	19%	17%	26%
Not that convincing	13%	15%	9%
Not convincing at all	17%	23%	4%
Not sure	7%	2%	20%

	Base	Mode	
		Phone	Internet
Climate Change Threatens Air and Water Quality Convincing Reason to Act Yes / No			
Very convincing	31%	33%	27%
Fairly convincing	19%	16%	28%
Somewhat convincing	18%	17%	20%
Not that convincing	13%	14%	9%
Not convincing at all	14%	19%	2%
Not sure	5%	1%	14%

	Base	Mode	
		Phone	Internet
Corn and Soybean Production Will Decrease Convincing Reason to Act Yes / No			
Very convincing	29%	33%	21%
Fairly convincing	19%	14%	30%
Somewhat convincing	18%	17%	20%
Not that convincing	11%	13%	7%
Not convincing at all	17%	22%	7%
Not sure	5%	1%	15%

	Base	Mode	
		Phone	Internet
Candidate Commits to Investing in Water Infrastructure Level of Importance			
Very important	46%	50%	35%
Fairly important	29%	27%	32%
Not that important	11%	11%	13%
Not important at all	3%	4%	2%
No preference	5%	6%	2%
Not sure	6%	2%	16%

