## Methodology

Poll number: pr1923
Interview Dates: October 1-7, 2019
Sample Population: 1112 registered voters in Ohio.
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 Ohio based on age, gender, race, and educational attainment.

Figures may or may not sum to $100 \%$ and this is due to the effects of rounding and weighting. The standard deviation of the weights was: 0.1236733 . The maximum weight was: 1.3348724 . The minimum weight was: $0.6246466 .95 \%$ of the weights were between $0.7978708,1.222228$.
Margin of Error: The $95 \%$ credibility interval for this survey is $+/-2.9 \%$, which includes the square root of the design effect (DEFT): 1.0076117 .
state...In which state do you currently reside?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Ohio | $100 \%$ | 1,112 |

regvoteOH...Are you registered to vote in the state of Ohio?

| Response | Percent Weighted N | N |
| :--- | :---: | :---: |
| Yes | $100 \%$ | 1,112 |

approve...Do you approve or disapprove of the way Donald Trump is handling his job as President?

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| Ntrongly approve | $23 \%$ | 255 |
| Somewhat approve | $22 \%$ | 243 |
| Somewhat disapprove | 246 |  |
| Strongly disapprove | $12 \%$ | 132 |
| Not sure | $41 \%$ | 454 |

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 | Weighted N |
| :--- | :---: | :---: |
| Right direction | $37 \%$ | 406 |
| Wrong track | $53 \%$ | 595 |
| Not sure | 591 |  |

OH1...How about in Ohio - would you say that things in Ohio are headed in the right direction or would you say things are headed off on the wrong track?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Right direction | $42 \%$ | 469 |
| Wrong track | 471 |  |
| Not sure | $34 \%$ | 377 |

worried...How worried are you about climate change?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very worried | $31 \%$ | 341 |
| Somewhat worried | $33 \%$ | 361 |
| Not too worried | $23 \%$ | 357 |
| Not at all worried | $13 \%$ | 260 |

VoteToplssue: Abortion...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Abortion

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| Not selected | $92 \%$ | 1,020 |
| Selected | 1,022 |  |

VoteToplssue: Climate change...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Climate change

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Not selected | $86 \%$ | 952 |
| Selected | 952 |  |

VoteToplssue: Education...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Education

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| N |  |  |
| Not selected | $92 \%$ | 1,021 |
| Selected | 1,022 |  |

VoteToplssue: Federal taxes and spending...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Federal taxes and spending

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Not selected | $87 \%$ | 964 |
| Selected | 961 |  |

VoteTopIssue: Foreign policy...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Foreign policy

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: | N,

VoteToplssue: Gun policy...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Gun policy

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Not selected | $85 \%$ | 947 |
| Selected | 950 |  |

VoteToplssue: Health care...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Health care

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Not selected | $66 \%$ | 729 |
| Selected | $34 \%$ | 383 |

VoteToplssue: Immigration...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Immigration

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Sot selected | $79 \%$ | 876 |
| Selected | 873 |  |

VoteToplssue: Opioid epidemic...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Opioid epidemic

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Not selected | $95 \%$ | 1,055 |
| Selected | 1,057 |  |

VoteToplssue: Social Security...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Social Security

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Not selected | $82 \%$ | 910 |
| Selected | 912 |  |

VoteToplssue: Terrorism...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Terrorism

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| N |  |  |
| Not selected | $90 \%$ | 1,001 |
| Selected | 1,001 |  |

VoteToplssue: The economy and jobs...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - The economy and jobs

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Not selected | $71 \%$ | 786 |
| Selected | 783 |  |

VoteToplssue: The Supreme Court...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - The Supreme Court

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| N |  |  |
| Not selected | $96 \%$ | 1,069 |
| Selected | 1,069 |  |

VoteToplssue: Trump's record as president...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Trump's record as president

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Not selected | $85 \%$ | 949 |
| Selected | 947 |  |

$\mathrm{OH} 2 \times 1$...Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Extreme weather such as heavy rainfall, flooding, and heat waves

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very serious problem | $29 \%$ |  |
| Somewhat serious problem | 293 |  |
| Not too serious problem | 369 |  |
| Not a serious problem at all | 371 | $33 \%$ |

$\mathrm{OH} 2 \times 2$...Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Cost of health care

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very serious problem | $61 \%$ | 673 |
| Somewhat serious problem | $32 \%$ | 358 |
| Not too serious problem | $6 \%$ | 71 |
| Not a serious problem at all | $1 \%$ | 69 |

$\mathrm{OH} 2 \times 3 .$. Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Pollution of rivers, lakes, and streams

| Response | Percent | Weighted N | N |
| :---: | :---: | :---: | :---: |
| Very serious problem | 36\% | 406 | 403 |
| Somewhat serious problem | 41\% | 451 | 450 |
| Not too serious problem | 21\% | 229 | 232 |
| Not a serious problem at all | 2\% | 26 | 27 |

$\mathrm{OH} 2 \times 4 .$. Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - lllegal immigration

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| Nery serious problem | $32 \%$ | 360 |
| Somewhat serious problem | $30 \%$ | 329 |
| Not too serious problem | 329 |  |
| Not a serious problem at all | $27 \%$ | 304 |

$\mathrm{OH} 2 \times 5$...Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Gun violence

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very serious problem | $47 \%$ | 523 |
| Somewhat serious problem | 519 |  |
| Not too serious problem | $29 \%$ | 324 |
| Not a serious problem at all | 327 |  |

$\mathrm{OH} 2 \times 6 \ldots$.. Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Quality of infrastructure, like roads and bridges

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very serious problem | 429 | 429 |
| Somewhat serious problem | 497 |  |
| Not too serious problem | $49 \%$ | 169 |
| Not a serious problem at all | 168 | 169 |

$\mathrm{OH} 2 \times 7$...Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Air pollution

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very serious problem | $28 \%$ | 308 |
| Somewhat serious problem | $38 \%$ | 419 |
| Not too serious problem | $28 \%$ | 319 |
| Not a serious problem at all | $7 \%$ | 73 |

$\mathrm{OH} 2 x 8$...Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Explosions of oil and gas facilities

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nery serious problem | $18 \%$ | 195 |
| Somewhat serious problem | $30 \%$ | 332 |
| Not too serious problem | 333 |  |
| Not a serious problem at all | $34 \%$ | 373 |

$\mathrm{OH} 2 \times 9 .$. Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Smaller crop yields

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Very serious problem | $25 \%$ | 279 |
| Somewhat serious problem | $43 \%$ | 482 |
| Not too serious problem | 483 |  |
| Not a serious problem at all | $26 \%$ | 285 |

$\mathrm{OH} 2 \times 10 .$. Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Quality of public schools

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very serious problem | $40 \%$ | 449 |
| Somewhat serious problem | $42 \%$ | 464 |
| Not too serious problem | 467 |  |
| Not a serious problem at all | $14 \%$ | 161 |

$\mathrm{OH} 2 \times 11 \ldots$ Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Rise of white supremacist groups

| Response | Percent |
| :--- | ---: |
| Weighted N |  |
| Very serious problem | 329 |
| Somewhat serious problem | 322 |
| Not too serious problem | 304 |
| Not a serious problem at all | $27 \%$ |
| 204 | 281 |
| $18 \%$ | 198 |

$\mathrm{OH} 2 \mathrm{x} 12 .$. Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Domestic violence

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very serious problem | $31 \%$ | 348 |
| Somewhat serious problem | $45 \%$ | 503 |
| Not too serious problem | 505 |  |
| Not a serious problem at all | $21 \%$ | 233 |

$\mathrm{OH} 2 \times 13$...Below are some specific issues facing Ohio. For each, please indicate whether you think it's a very serious, somewhat serious, not too serious, or not a serious problem at all for your local area. - Drug and opiate addiction

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very serious problem | 767 | 765 |
| Somewhat serious problem | 269 | $24 \%$ |
| Not too serious problem | 264 | 65 |
| Not a serious problem at all | 65 |  |

$\mathrm{OH} 3 \times 1 \ldots$ In the past year, have you or someone in your family experienced any of the following things, or not? Heat stress or heat related illness

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| No, have not experienced | $83 \%$ | 919 |
| Yes, have experienced | 922 |  |

$\mathrm{OH} 3 \times 2 \ldots$ In the past year, have you or someone in your family experienced any of the following things, or not? Anxiety about extreme weather events, such as severe storms, flooding, and heat waves

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| No, have not experienced | $74 \%$ | 821 |
| Yes, have experienced | 826 |  |
|  | $26 \%$ | 291 |

$\mathrm{OH} 3 \times 3 \ldots$ In the past year, have you or someone in your family experienced any of the following things, or not? Had to take a break from work or take a day off because it was too hot

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| No, have not experienced | $86 \%$ | 952 |
| Yes, have experienced | 956 |  |

$\mathrm{OH} 3 \times 4 \ldots$ In the past year, have you or someone in your family experienced any of the following things, or not? Had to take a break from work or take a day off because of poor air quality

| Response | Percent | Weighted N | N |
| :---: | :---: | :---: | :---: |
| No, have not experienced | 94\% | 1,049 | 1,051 |
| Yes, have experienced | 6\% | 63 | 61 |

$\mathrm{OH} 3 \times 5 \ldots$ In the past year, have you or someone in your family experienced any of the following things, or not? Had to take a break from work or take a day off because of extreme weather

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| No, have not experienced | $80 \%$ | 888 |
| Yes, have experienced | $20 \%$ | 224 |

$\mathrm{OH} 3 \times 6 \ldots$ In the past year, have you or someone in your family experienced any of the following things, or not? More severe seasonal allergies

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| No, have not experienced | $62 \%$ | 694 |
| Yes, have experienced | $38 \%$ | 418 |

$\mathrm{OH} 3 \times 7$...In the past year, have you or someone in your family experienced any of the following things, or not? -
Had to leave my home or place of residence temporarily or permanently due to flooding

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| No, have not experienced | $96 \%$ | 1,065 |
| Yes, have experienced | $4 \%$ | 47 |

OH3x8...In the past year, have you or someone in your family experienced any of the following things, or not? Property damage or other economic hardships as a result of heavy rainfall, flooding, or severe storm damage

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| No, have not experienced | $84 \%$ | 939 |
| Yes, have experienced | 939 |  |

OH4...Do you think the condition of Ohio's environment for the next generation will be better, about the same, or worse than it is now?

| Response | Percent | Weighted N |
| :--- | ---: | ---: |
| Better | 101 | $9 \%$ |
| About the same | 101 |  |
| Worse | 605 | 605 |

OH5...Right now, which of the following do you think should be the most important priority for addressing Ohio's energy needs?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Building more natural gas power plants | $13 \%$ | 137 |
| Building more nuclear power plants | $7 \%$ | 83 |
| Developing more renewable energy sources, such as wind and solar | 84 | 701 |
| Not sure | 701 | 189 |

OH6...As you may know, the state of Ohio recently passed new legislation that keeps two nuclear power plants and two coal plants running. The cost of maintaining these nuclear and coal plants would be paid by consumers through a monthly surcharge to their electricity bills. Additionally, in the next decade, the law eliminates the state's requirement that utilities increase the amount of renewable energy, such as wind and solar, they produce.Based on what you know, do you support or oppose this legislation?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Strongly support | $7 \%$ | 82 |
| Somewhat support | $24 \%$ | 265 |
| Somewhat oppose | $24 \%$ | 263 |
| Strongly oppose | 263 |  |
| Not sure | $30 \%$ | 331 |
|  | 334 |  |

OH7...As you may know, the state of Ohio passed a wind setback law in 2014, which regulates where wind turbines can be located. It nearly tripled the distance that wind turbines must be set back from the nearest property line to about a quarter-mile. As a result, fewer wind turbines have been built in Ohio than in neighboring states including Indiana, Michigan, and Illinois. Which of the following comes closest to your own view, even if neither is exactly right?

| Response | Percent | Weighted N | N |
| :--- | :--- | :---: | :---: |
| Ohio should eliminate this wind setback law. The wind setback law has cost Ohio billions of dollars in new investment, <br> limited job growth, and kept our state reliant on dirtier sources of energy. Ohio's wind setback law is also bad for farmers <br> and other rural landowners who want to generate revenue from placing wind turbines on their land. <br> Ohio should retain this wind setback law. Wind turbines are unatractive and noisy, and they may negatively impact nearby <br> property values. Ohio's wind setback law is needed to protect farmers and rural landowners who don't want to have to live <br> near wind turbines. | $68 \%$ | $32 \%$ | 761 |

OH8...As you may know, individuals that purchase or lease an electric vehicle can receive a federal tax credit of up to $\$ 7,500$. However, this credit is only available for the first 200,000 electric vehicles sold by each manufacturer.Given what you know about the electric vehicle tax credit, do you agree or disagree with the following statement:The federal tax credit for electric vehicles should extend beyond each manufacturer's first 200,000 vehicles.

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Strongly agree | $36 \%$ | 403 |
| Somewhat agree | $27 \%$ | 308 |
| Somewhat disagree | 306 |  |
| Strongly disagree | $11 \%$ | 125 |
| Not sure | $9 \%$ | 122 |

OH9...Highway construction and maintenance is funded in part through taxes on gasoline, in addition to the sales tax and other funds that all residents pay into. Many state legislatures are considering bills that would place new or higher annual fees on electric vehicles because owners of electric vehicles do not purchase gasoline for their vehicles. In Ohio, the average driver of a passenger vehicle pays about $\$ 124$ per year in taxes on the gas they buy. Ohio currently requires a $\$ 200$ annual fee for drivers of electric vehicles. Which of the following statements about electric vehicles comes closest to your view, even if none are exactly right?

| Response | Percent | Weighted N | N |
| :--- | :---: | :---: | :---: |
| Owners of electric vehicles should not have to pay annual electric vehicle fees. $29 \%$ <br> Owners of electric vehicles should pay an annual fee equivalent to what an owner of a gas-powered vehicle pays in gas  <br> taxes each year.  | $60 \%$ | 322 | 318 |
| Owners of electric vehicles should pay an annual fee higher than what an owner of a gas-powered vehicle pays in gas <br> taxes each year. | $11 \%$ | 678 |  |

OH10A...Do you consider natural gas to be a form of clean energy, or not? [RANDOM HALF SAMPLE A/B SPLIT]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Yes | $53 \%$ | 313 |
| No | 310 |  |
| Not sure | $22 \%$ | 129 |

OH10B...Do you consider gas from hydraulic fracturing or 'fracking' to be a form of clean energy, or not? [RANDOM HALF SAMPLE A/B SPLIT]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Yes | $18 \%$ | 96 |
| No | 97 |  |
| Not sure | $42 \%$ | 217 |

OH11...Generally speaking, which do you think is more likely to produce a greater number of good jobs for Ohioans?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Increasing domestic production of fossil fuels such as oil and gas | $28 \%$ | 312 |
| Increasing domestic production of renewable energy such as wind and solar | 313 |  |
| Not sure | $53 \%$ | 592 |

$\mathrm{OH} 12 \ldots$ Below are a few statements about natural gas. Which of the following comes closest to your own view, even if none are exactly right?

| Response | Percent | Weighted N | N |
| :---: | :---: | :---: | :---: |
| America's long-term goal should be to transition to renewable energy, but natural gas is a transition fuel that we will still need for a while. We should use natural gas until renewable energy, including wind and solar, becomes more affordable for the average American. | 55\% | 616 | 618 |
| The United States should ban hydraulic fracturing or 'fracking' of natural gas. Carbon dioxide and methane emissions from natural gas contribute to climate change, and we must act soon if we are going to leave this planet healthy and habitable for ourselves and our children. | 19\% | 207 | 207 |
| The United States should embrace natural gas as an important fuel for producing electricity. It can and should power American homes for decades to come because it is abundant, cheap, and clean. | 26\% | 289 | 287 |

OH13...Do you support or oppose requiring electric utility companies in the state of Ohio to generate $100 \%$ of their electricity from renewable sources, like wind and solar, by the year 2050?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Strongly support | $29 \%$ | 321 |
| Somewhat support | 318 |  |
| Somewhat oppose | $34 \%$ | 379 |
| Strongly oppose | $11 \%$ | 127 |
| Not sure | $11 \%$ | 129 |
|  | $14 \%$ | 127 |

OH14x1...Let's say Ohio were to fully transition to $100 \%$ renewable energy sources, like wind and solar, by the year 2050. Generally speaking, do you think it would have a positive or negative impact on each of the following, or would it have no impact either way? - Ohio's economy

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Very positive impact | $25 \%$ | 283 |
| Somewhat positive impact | 278 |  |
| Somewhat negative impact | $35 \%$ | 384 |
| Very negative impact | 389 |  |
| No impact either way | $9 \%$ | 119 |
| Not sure | $6 \%$ | 120 |

$\mathrm{OH} 14 \times 2$...Let's say Ohio were to fully transition to $100 \%$ renewable energy sources, like wind and solar, by the year 2050. Generally speaking, do you think it would have a positive or negative impact on each of the following, or would it have no impact either way? - Ohio's unemployment rate

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very positive impact | $17 \%$ | 194 |
| Somewhat positive impact | $30 \%$ | 335 |
| Somewhat negative impact | 190 |  |
| Very negative impact | $13 \%$ | 146 |
| No impact either way | $9 \%$ | 146 |
| Not sure | $13 \%$ | 100 |

OH14x3...Let's say Ohio were to fully transition to $100 \%$ renewable energy sources, like wind and solar, by the year 2050. Generally speaking, do you think it would have a positive or negative impact on each of the following, or would it have no impact either way? - Wages for Ohio workers

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
|  | N |  |
| Very positive impact | $18 \%$ | 200 |
| Somewhat positive impact | $29 \%$ | 328 |
| Somewhat negative impact | 328 |  |
| Very negative impact | $11 \%$ | 126 |
| No impact either way | $8 \%$ | 89 |
| Not sure | 127 |  |

$\mathrm{OH} 14 \times 4 \ldots$ Let's say Ohio were to fully transition to $100 \%$ renewable energy sources, like wind and solar, by the year 2050. Generally speaking, do you think it would have a positive or negative impact on each of the following, or would it have no impact either way? - Electricity costs in Ohio

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very positive impact | $26 \%$ | 295 |
| Somewhat positive impact | 290 |  |
| Somewhat negative impact | $29 \%$ | 324 |
| Very negative impact | $13 \%$ | 144 |
| No impact either way | $13 \%$ | 147 |
| Not sure | $5 \%$ | 140 |

OH14x5...Let's say Ohio were to fully transition to $100 \%$ renewable energy sources, like wind and solar, by the year 2050. Generally speaking, do you think it would have a positive or negative impact on each of the following, or would it have no impact either way? - Ohio's rural and farming communities

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very positive impact | $25 \%$ | 282 |
| Somewhat positive impact | $31 \%$ | 342 |
| Somewhat negative impact | $13 \%$ | 143 |
| Very negative impact | $8 \%$ | 144 |
| No impact either way | $8 \%$ | 85 |
| Not sure | 85 |  |

$\mathrm{OH} 14 \times 6 \ldots$ Let's say Ohio were to fully transition to $100 \%$ renewable energy sources, like wind and solar, by the year 2050. Generally speaking, do you think it would have a positive or negative impact on each of the following, or would it have no impact either way? - Communities of color (such as African-American and Hispanic communities) in Ohio

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very positive impact | $15 \%$ | 168 |
| Somewhat positive impact | $22 \%$ | 248 |
| Somewhat negative impact | 765 | 77 |
| Very negative impact | 649 | 77 |
| No impact either way | $27 \%$ | 70 |
| Not sure | $23 \%$ | 296 |

OH14x7...Let's say Ohio were to fully transition to $100 \%$ renewable energy sources, like wind and solar, by the year 2050. Generally speaking, do you think it would have a positive or negative impact on each of the following, or would it have no impact either way? - Ohio's environment

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very positive impact | $43 \%$ | 474 |
| Somewhat positive impact | 373 |  |
| Somewhat negative impact | $33 \%$ | 364 |
| Very negative impact | $6 \%$ | 64 |
| No impact either way | $3 \%$ | 65 |
| Not sure | $7 \%$ | 31 |
|  | 90 | 79 |

$\mathrm{OH} 14 \times 8 . .$. Let's say Ohio were to fully transition to $100 \%$ renewable energy sources, like wind and solar, by the year 2050. Generally speaking, do you think it would have a positive or negative impact on each of the following, or would it have no impact either way? - Ohioans' health

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very positive impact | $38 \%$ | 423 |
| Somewhat positive impact | $31 \%$ | 346 |
| Somewhat negative impact | $5 \%$ | 351 |
| Very negative impact | $3 \%$ | 33 |
| No impact either way | $11 \%$ | 57 |
| Not sure | $12 \%$ | 122 |

$\mathrm{OH} 15 \times 1$...Do you support or oppose each of the following policies? - Setting stronger pollution standards for business and industry

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| trongly support | $44 \%$ | 490 |
| Somewhat support | $32 \%$ | 382 |
| Somewhat oppose | 95 | 355 |
| Strongly oppose | $5 \%$ | 102 |
| Not sure | 103 |  |

OH15x2...Do you support or oppose each of the following policies? - Setting stronger fuel efficiency standards for cars, trucks, and SUVs

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Strongly support | $35 \%$ | 387 |
| Somewhat support | 387 |  |
| Somewhat oppose | $35 \%$ | 390 |
| Strongly oppose | 394 |  |
| Not sure | $11 \%$ | 121 |
|  | $8 \%$ | 84 |

OH15x3...Do you support or oppose each of the following policies? - Requiring new infrastructure projects in the state of Ohio to be built to withstand extreme weather events, such as heavy rainfall and flooding, even if it costs taxpayers more

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Strongly support | $28 \%$ | 315 |
| Somewhat support | $39 \%$ | 438 |
| Somewhat oppose | 440 |  |
| Strongly oppose | $13 \%$ | 139 |
| Not sure | $5 \%$ | 61 |

OH15x4...Do you support or oppose each of the following policies? - Extending government funding for renewable energy such as solar and wind power

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| trongly support | $40 \%$ | 449 |
| Somewhat support | $31 \%$ | 448 |
| Somewhat oppose | $9 \%$ | 941 |
| Strongly oppose | $8 \%$ | 96 |
| Not sure | $12 \%$ | 94 |

OH15x5...Do you support or oppose each of the following policies? - Raising Ohio's minimum wage from $\$ 8.55$ an hour to $\$ 15$ an hour

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Ntrongly support | $33 \%$ | 368 |
| Somewhat support | $22 \%$ | 250 |
| Somewhat oppose | 254 |  |
| Strongly oppose | $17 \%$ | 184 |
| Not sure | $19 \%$ | 218 |

OH15x6...Do you support or oppose each of the following policies? - Creating a universal health care system in America

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Strongly support | $37 \%$ | 408 |
| Somewhat support | $21 \%$ | 230 |
| Somewhat oppose | 240 |  |
| Strongly oppose | $10 \%$ | 106 |
| Not sure | $20 \%$ | 225 |

OH15x7...Do you support or oppose each of the following policies? - Enacting an annual wealth tax, which would tax individuals $2 \%$ on their net worth over $\$ 50$ million

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| trongly support | $44 \%$ | 489 |
| Somewhat support | $22 \%$ | 249 |
| Somewhat oppose | 249 |  |
| Strongly oppose | $10 \%$ | 109 |
| Not sure | 111 |  |
|  | $12 \%$ | 138 |
| 139 | 127 | 125 |

OH15x8...Do you support or oppose each of the following policies? - Building new oil and gas pipelines in Ohio

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| trongly support | $18 \%$ | 206 |
| Somewhat support | $29 \%$ | 323 |
| Somewhat oppose | 326 |  |
| Strongly oppose | $18 \%$ | 198 |
| Not sure | $16 \%$ | 180 |

OH15x9...Do you support or oppose each of the following policies? - Requiring background checks for all firearms purchases

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Strongly support | $70 \%$ | 781 |
| Somewhat support | 783 |  |
| Somewhat oppose | $15 \%$ | 171 |
| Strongly oppose | $5 \%$ | 56 |
| Not sure | $4 \%$ | 56 |
|  | $5 \%$ | 46 |

OH15x10...Do you support or oppose each of the following policies? - Banning the sale of semi-automatic weapons, such as the AR-15 or AK-47

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Strongly support | $48 \%$ | 538 |
| Somewhat support | 540 |  |
| Somewhat oppose | $16 \%$ | 174 |
| Strongly oppose | $10 \%$ | 116 |
| Not sure | $18 \%$ | 116 |

OH15x11...Do you support or oppose each of the following policies? - Requiring fossil fuel companies to pay a tax on their carbon pollution

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Strongly support | $38 \%$ | 427 |
| Somewhat support | $29 \%$ | 322 |
| Somewhat oppose | 330 |  |
| Strongly oppose | $10 \%$ | 111 |
| Not sure | $8 \%$ | 88 |

OH15x12...Do you support or oppose each of the following policies? - Banning abortion once a fetal heartbeat is detected, usually around six weeks, without exceptions in case of rape or incest

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Strongly support | $28 \%$ | 313 |
| Somewhat support | 313 |  |
| Somewhat oppose | $14 \%$ | 152 |
| Strongly oppose | 152 |  |
| Not sure | $32 \%$ | 163 |

OH15x13...Do you support or oppose each of the following policies? - Using hydraulic fracturing or 'fracking' as a means of increasing the production of natural gas and oil in Ohio

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| trongly support | $12 \%$ | 133 |
| Somewhat support | $24 \%$ | 268 |
| Somewhat oppose | 271 |  |
| Strongly oppose | $19 \%$ | 211 |
| Not sure | 211 |  |

OH16...Just your best guess, do you think most voters in Ohio generally support or oppose using hydraulic fracturing or 'fracking' as a means of increasing the production of natural gas and oil in Ohio?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nost voters in Ohio support | $33 \%$ | 362 |
| Most voters in Ohio oppose | 364 |  |
| Not sure | $38 \%$ | 423 |

OH17...Do you support or oppose government action to address climate change?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Strongly support | $36 \%$ | 406 |
| Somewhat support | $27 \%$ | 300 |
| Somewhat oppose | 300 |  |
| Strongly oppose | $13 \%$ | 141 |
| Not sure | $12 \%$ | 142 |

OH18x1...Do you think that climate change is having a large effect, some effect, just a little effect, or no real effect on the following? - Ohio's economy

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Large effect | $17 \%$ | 190 |
| Some effect | $35 \%$ | 387 |
| Just a little effect | 385 |  |
| No real effect | $17 \%$ | 193 |
| Not sure | $22 \%$ | 242 |

OH18x2...Do you think that climate change is having a large effect, some effect, just a little effect, or no real effect on the following? - Ohio's agriculture

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Large effect | $36 \%$ | 401 |
| Some effect | 397 |  |
| Just a little effect | $30 \%$ | 333 |
| No real effect | 333 |  |
| Not sure | $15 \%$ | 165 |

OH18x3...Do you think that climate change is having a large effect, some effect, just a little effect, or no real effect on the following? - Ohioans' health

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Large effect | 249 |  |
| Some effect | 239 |  |
| Just little effect | 361 |  |
| No real effect | $36 \%$ | 154 |
| Not sure | 157 |  |

OH18x4...Do you think that climate change is having a large effect, some effect, just a little effect, or no real effect on the following? - Extreme weather events in Ohio

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Large effect | $33 \%$ | 366 |
| Some effect | $29 \%$ | 365 |
| Just a little effect | 319 |  |
| No real effect | $13 \%$ | 142 |
| Not sure | $19 \%$ | 2142 |

OH18x5...Do you think that climate change is having a large effect, some effect, just a little effect, or no real effect on the following? - Your family's health

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Large effect | $17 \%$ | 192 |
| Some effect | $30 \%$ | 339 |
| Just a little effect | 336 |  |
| No real effect | $15 \%$ | 164 |
| Not sure | $31 \%$ | 340 |

OH19x1...Do you think each of the following should be doing more, less, or about the same as they are now on the issue of climate change? - Corporations

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Much more | $47 \%$ | 519 |
| Somewhat more | 514 |  |
| Somewhat less | $28 \%$ | 306 |
| Much less | 308 |  |
| About the same | $6 \%$ | 66 |
|  | 66 | 68 |

OH19x2...Do you think each of the following should be doing more, less, or about the same as they are now on the issue of climate change? - Citizens themselves

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Much more | $37 \%$ | 416 |
| Somewhat more | $34 \%$ | 379 |
| Somewhat less | 380 |  |
| Much less | $6 \%$ | 67 |
| About the same | $6 \%$ | 65 |
|  | $17 \%$ | 184 |

OH19x3...Do you think each of the following should be doing more, less, or about the same as they are now on the issue of climate change? - The federal government

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nuch more | $47 \%$ | 519 |
| Somewhat more | 514 |  |
| Somewhat less | $22 \%$ | 242 |
| Much less | 243 |  |
| About the same | $8 \%$ | 85 |

$\mathrm{OH} 19 \times 4 \ldots$ Do you think each of the following should be doing more, less, or about the same as they are now on the issue of climate change? - Your member of Congress

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nuch more | $43 \%$ | 474 |
| Somewhat more | $24 \%$ | 265 |
| Somewhat less | 263 |  |
| Much less | $7 \%$ | 82 |
| About the same | $9 \%$ | 83 |

OH19x5...Do you think each of the following should be doing more, less, or about the same as they are now on the issue of climate change? - The Ohio state government

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Much more | $41 \%$ | 459 |
| Somewhat more | $26 \%$ | 291 |
| Somewhat less | 292 |  |
| Much less | $7 \%$ | 82 |
| About the same | $8 \%$ | 94 |
|  | $17 \%$ | 96 |

OH19x6...Do you think each of the following should be doing more, less, or about the same as they are now on the issue of climate change? - Nonprofit organizations

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Much more | $22 \%$ | 246 |
| Somewhat more | 244 |  |
| Somewhat less | $35 \%$ | 391 |
| Much less | 390 |  |
| About the same | $8 \%$ | 92 |
|  | 81 |  |

OH19x7...Do you think each of the following should be doing more, less, or about the same as they are now on the issue of climate change? - The media

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Much more | $30 \%$ | 333 |
| Somewhat more | 327 |  |
| Somewhat less | $26 \%$ | 293 |
| Much less | 295 |  |
| About the same | $8 \%$ | 94 |
|  | $17 \%$ | 186 |

OH19x8...Do you think each of the following should be doing more, less, or about the same as they are now on the issue of climate change? - Health professionals, like doctors and nurses

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Much more | $22 \%$ | 247 |
| Somewhat more | 242 |  |
| Somewhat less | $32 \%$ | 352 |
| Much less | 353 |  |
| About the same | $6 \%$ | 69 |
|  | $7 \%$ | 76 |

$\mathrm{OH} 20 \ldots$ When extreme weather events (such as hurricanes, floods, or heat waves) occur, when do you think is the proper time for the news media to talk about how climate change impacts these events?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| The news media should talk about climate change as the event is occurring | $48 \%$ | 535 |
| The news media should wait about a day or two after the event | 532 |  |
| The news media should wait about a week after the event | $10 \%$ | 108 |
| The news media should wait about a month after the event | $7 \%$ | 82 |
| The news media should wait longer than a month after the event | 81 |  |
| The news media should never talk about climate change and its role in weather-related disasters and extreme weather | $2 \%$ | 22 |
| events | 22 |  |
| Not sure | $17 \%$ | 20 |

$\mathrm{OH} 21 .$. How likely is it you will vote in the Democratic presidential primary next year? [Asked among Democrats and Democratic-leaning independent voters. Unweighted $N=469$ ]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Very likely | $80 \%$ | 385 |
| Somewhat likely | $14 \%$ | 69 |
| Not too likely | $3 \%$ | 65 |
| Not at all likely | $3 \%$ | 13 |

$\mathrm{OH} 22 \times 1$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Creating a universal health care system in America

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| would ONLY support a candidate who is in favor of this policy | $21 \%$ | 235 |
| I would be more likely to support a candidate who is in favor of this policy | 230 |  |
| I would be less likely to support a candidate who is in favor of this policy | $38 \%$ | 427 |
| I would NEVER support a candidate who is in favor of this policy | 424 |  |
| I don't really care about this issue | $11 \%$ | 127 |

$\mathrm{OH} 22 x 2$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Raising the federal minimum wage from $\$ 7.25$ an hour to $\$ 15$ an hour

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| I would ONLY support a candidate who is in favor of this policy | $17 \%$ | 184 |
| I would be more likely to support a candidate who is in favor of this policy | $38 \%$ | 426 |
| I would be less likely to support a candidate who is in favor of this policy | 426 |  |
| I would NEVER support a candidate who is in favor of this policy | $20 \%$ | 222 |
| I don't really care about this issue | 223 |  |

$\mathrm{OH} 22 \times 3$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Setting stronger fuel efficiency standards for cars, trucks, and SUVs

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| I would ONLY support a candidate who is in favor of this policy | $15 \%$ | 167 |
| I would be more likely to support a candidate who is in favor of this policy | 164 |  |
| I would be less likely to support a candidate who is in favor of this policy | $51 \%$ | 566 |
| I would NEVER support a candidate who is in favor of this policy | 568 |  |
| I don't really care about this issue | $12 \%$ | 132 |

$\mathrm{OH} 22 \times 4 \ldots$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Enacting an annual wealth tax, which would tax individuals $2 \%$ on any wealth over $\$ 50$ million

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| I would ONLY support a candidate who is in favor of this policy | $20 \%$ | 223 |
| I would be more likely to support a candidate who is in favor of this policy | 221 |  |
| I would be less likely to support a candidate who is in favor of this policy | $44 \%$ | 485 |
| I would NEVER support a candidate who is in favor of this policy | 485 |  |
| I don't really care about this issue | $12 \%$ | 130 |

$\mathrm{OH} 22 \times 5 .$. Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Requiring fossil fuel companies to pay a tax on their carbon pollution

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| I would ONLY support a candidate who is in favor of this policy | $17 \%$ | 186 |
| I would be more likely to support a candidate who is in favor of this policy | 182 |  |
| I would be less likely to support a candidate who is in favor of this policy | $49 \%$ | 547 |
| I would NEVER support a candidate who is in favor of this policy | 549 |  |
| I don't really care about this issue | $11 \%$ | 121 |

$\mathrm{OH} 22 \times 6$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Extending government funding for renewable energy such as solar and wind power

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| I would ONLY support a candidate who is in favor of this policy | $18 \%$ | 197 |
| I would be more likely to support a candidate who is in favor of this policy | $51 \%$ | 572 |
| I would be less likely to support a candidate who is in favor of this policy | 574 |  |
| I would NEVER support a candidate who is in favor of this policy | $11 \%$ | 127 |
| I don't really care about this issue | $6 \%$ | 67 |

$\mathrm{OH} 22 \times 7$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Requiring electric utility companies in the United States to generate 100\% of their electricity from renewable sources, like wind and solar, by the year 2050

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| I would ONLY support a candidate who is in favor of this policy | $14 \%$ | 159 |
| I would be more likely to support a candidate who is in favor of this policy | 155 |  |
| I would be less likely to support a candidate who is in favor of this policy | $48 \%$ | 532 |
| I would NEVER support a candidate who is in favor of this policy | 530 |  |
| I don't really care about this issue | $12 \%$ | 132 |

$\mathrm{OH} 22 \times 8$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Encouraging U.S. trade with other countries by lowering tariffs

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| would ONLY support a candidate who is in favor of this policy | $14 \%$ | 151 |
| I would be more likely to support a candidate who is in favor of this policy | 149 |  |
| I would be less likely to support a candidate who is in favor of this policy | $47 \%$ | 521 |
| I would NEVER support a candidate who is in favor of this policy | 524 |  |
| I don't really care about this issue | $17 \%$ | 195 |

$\mathrm{OH} 22 \times 9$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Requiring background checks for all firearms purchases

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| I would ONLY support a candidate who is in favor of this policy | $39 \%$ | 437 |
| I would be more likely to support a candidate who is in favor of this policy | 437 |  |
| I would be less likely to support a candidate who is in favor of this policy | $44 \%$ | 489 |
| I would NEVER support a candidate who is in favor of this policy | 489 |  |
| I don't really care about this issue | $8 \%$ | 91 |

$\mathrm{OH} 22 \times 10$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Banning the sale of semiautomatic weapons, such as the AR-15 or AK-47

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| would ONLY support a candidate who is in favor of this policy | $30 \%$ | 332 |
| I would be more likely to support a candidate who is in favor of this policy | 330 |  |
| I would be less likely to support a candidate who is in favor of this policy | $36 \%$ | 406 |
| I would NEVER support a candidate who is in favor of this policy | 406 |  |
| I don't really care about this issue | $11 \%$ | 126 |

$\mathrm{OH} 22 \times 11$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Banning abortion once a fetal heartbeat is detected, usually around six weeks, without exceptions in case of rape or incest

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| I would ONLY support a candidate who is in favor of this policy | $20 \%$ | 226 |
| I would be more likely to support a candidate who is in favor of this policy | 224 |  |
| I would be less likely to support a candidate who is in favor of this policy | $25 \%$ | 278 |
| I would NEVER support a candidate who is in favor of this policy | 277 |  |
| I don't really care about this issue | $19 \%$ | 215 |

$\mathrm{OH} 22 \times 12$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Using hydraulic fracturing or 'fracking' as a means of increasing the production of natural gas and oil

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| I would ONLY support a candidate who is in favor of this policy | $8 \%$ | 85 |
| I would be more likely to support a candidate who is in favor of this policy | $31 \%$ | 347 |
| I would be less likely to support a candidate who is in favor of this policy | 347 |  |
| I would NEVER support a candidate who is in favor of this policy | $26 \%$ | 286 |
| I don't really care about this issue | 286 |  |

$\mathrm{OH} 22 \times 13$...Please indicate how likely you would be to support a candidate for political office who is in favor of the policies listed below. If you don't care about a specific issue or policy, just say so. - Setting stronger pollution standards for business and industry

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| I would ONLY support a candidate who is in favor of this policy | $22 \%$ | 244 |
| I would be more likely to support a candidate who is in favor of this policy | 240 |  |
| I would be less likely to support a candidate who is in favor of this policy | $51 \%$ | 568 |
| I would NEVER support a candidate who is in favor of this policy | 570 |  |
| I don't really care about this issue | $10 \%$ | 114 |

$\mathrm{OH} 23 .$. How concerned are you, if at all, about the amount of dark money, or political spending by organizations who are not required to disclose their donors, in elections?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nery concerned | $44 \%$ | 492 |
| Somewhat concerned | $39 \%$ | 393 |
| Not too concerned | 393 |  |
| Not at all concerned | $14 \%$ | 154 |

OH24...As you may have heard, the third Democratic Presidential Primary debate was held on September 12, 2019. The debate included ten candidates. It aired on ABC and was available to stream on several platforms. Did you happen to watch the most recent Democratic Presidential Primary debate which occurred on September 12, 2019?

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| Yes | $28 \%$ | 306 |
| No | 303 |  |
| Not sure | $69 \%$ | 768 |

$\mathrm{OH} 25 \ldots$...And, did you... [Asked among voters that watched the debate. Unweighted $\mathrm{N}=303$ ]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Natch all of the debate | $26 \%$ | 80 |
| Watch most of the debate | $38 \%$ | 118 |
| Watch some of the debate | $31 \%$ | 94 |
| I didn't watch the debate but read or heard about it in the news or social media | 94 |  |
| Not sure | $4 \%$ | 11 |

OH26...As you may know, the next Democratic presidential primary debate will be held in Westerville, Ohio on October 15, 2019. Do you plan to watch the upcoming Democratic presidential primary debate on October 15, 2019?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Yes | $39 \%$ | 432 |
| No | 427 |  |
| Not sure | $42 \%$ | 465 |

OH27...Here's a list of potential candidates for the 2020 Democratic nomination for president. If the Democratic Primary for President were held today, for whom would you vote? [Asked among Democrats and Democraticleaning independent voters that say they are very likely or somewhat likely to vote in the Democratic presidential primary next year. Unweighted $N=443$ ]

| Response | Percent | Weighted N | N |
| :---: | :---: | :---: | :---: |
| Amy Klobuchar | 0\% | 1 | 1 |
| Andrew Yang | 3\% | 12 | 11 |
| Bernie Sanders | 13\% | 59 | 57 |
| Beto O'Rourke | 1\% | 4 | 4 |
| Cory Booker | 3\% | 14 | 13 |
| Elizabeth Warren | 21\% | 94 | 94 |
| Joe Biden | 32\% | 144 | 140 |
| John Delaney | 1\% | 6 | 6 |
| Julian Castro | 1\% | 4 | 4 |
| Kamala Harris | 6\% | 26 | 26 |
| Marianne Williamson | 1\% | 3 | 3 |
| Michael Bennet | 0\% | 2 | 2 |
| Pete Buttigieg | 5\% | 25 | 25 |
| Tim Ryan | 2\% | 7 | 7 |
| Tom Steyer | 1\% | 5 | 5 |
| Tulsi Gabbard | 0\% | 1 | 1 |
| Steve Bullock | 0\% | 0 | 0 |
| Wayne Messam | 0\% | 0 | 0 |
| Joe Sestak | 0\% | 0 | 0 |
| Other/Unsure | 10\% | 47 | 44 |

OH28...And please select your second choice for the individual you would like to see as the Democratic presidential nominee. [Asked among Democrats and Democratic-leaning independent voters who selected a first choice candidate. Unweighted $N=399$ ]

| Response | Percent | Weighted N | N |
| :---: | :---: | :---: | :---: |
| Amy Klobuchar | 2\% | 6 | 6 |
| Andrew Yang | 3\% | 11 | 11 |
| Bernie Sanders | 18\% | 73 | 70 |
| Beto O'Rourke | 4\% | 17 | 17 |
| Cory Booker | 4\% | 17 | 16 |
| Elizabeth Warren | 21\% | 84 | 85 |
| Joe Biden | 18\% | 74 | 71 |
| Joe Sestak | 0\% | 1 | 1 |
| John Delaney | 1\% | 3 | 3 |
| Julian Castro | 1\% | 6 | 5 |
| Kamala Harris | 9\% | 36 | 36 |
| Marianne Williamson | 1\% | 2 | 2 |
| Michael Bennet | 1\% | 3 | 3 |
| Pete Buttigieg | 6\% | 24 | 24 |
| Steve Bullock | 1\% | 2 | 2 |
| Tim Ryan | 2\% | 6 | 6 |
| Tom Steyer | 0\% | 1 | 1 |
| Tulsi Gabbard | 1\% | 4 | 4 |
| Wayne Messam | 0\% | 0 | 0 |
| Other/Unsure | 9\% | 37 | 36 |

OH29...Thinking ahead to the November 2020 presidential election, how likely is it that you will vote in next year's general election for President? Would you say you...

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Will definitely vote | $\mathbf{N}$ |  |
| Will probably vote | $84 \%$ | 930 |
| Have about a 50-50 chance to vote | $9 \%$ | 95 |
| Will probably NOT vote | $5 \%$ | 52 |
| Will definitely NOT vote | $1 \%$ | 11 |
| Not sure | $0 \%$ | 51 |

$\mathrm{OH} 30 \ldots$... $f$ the election for president were being held today, and the candidates were Joe Biden the Democrat and Donald Trump the Republican, for whom would you vote? [Asked among voters that say they will definitely or probably vote in the November 2020 general election for President. Unweighted $\mathrm{N}=1028$ ]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nonald Trump | $42 \%$ | 431 |
| Joe Biden | 438 |  |
| Not sure | $48 \%$ | 489 |

OH31...As of today, do you lean more toward Joe Biden the Democrat or more toward Donald Trump the Republican? [Asked among voters that say they are 'Not sure'. Unweighted $N=107$ ]

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| Nonald Trump | $45 \%$ | 48 |
| Joe Biden | $55 \%$ | 58 |

OH31Final...Trump v. Biden: Among likely voters, combined with respondents who lean toward a candidate

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nonald Trump | $47 \%$ | 479 |
| Joe Biden | 486 |  |

OH32...If the election for president were being held today, and the candidates were Bernie Sanders the Democrat and Donald Trump the Republican, for whom would you vote? [Asked among voters that say they will definitely or probably vote in the November 2020 general election for President. Unweighted $\mathrm{N}=1028$ ]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Bernie Sanders | $47 \%$ | 484 |
| Donald Trump | 475 |  |
| Not sure | $45 \%$ | 464 |

OH33...As of today, do you lean more toward Bernie Sanders the Democrat or more toward Donald Trump the Republican? [Asked among voters that say they are 'Not sure'. Unweighted $N=80$ ]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Bernie Sanders | $63 \%$ | 49 |
| Donald Trump | $57 \%$ | 29 |

OH33Final...Trump v. Sanders: Among likely voters, combined with respondents who lean toward a candidate

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Bernie Sanders | $52 \%$ | 533 |
| Donald Trump | 526 |  |

$\mathrm{OH} 34 . .$. If the election for president were being held today, and the candidates were Elizabeth Warren the Democrat and Donald Trump the Republican, for whom would you vote? [Asked among voters that say they will definitely or probably vote in the November 2020 general election for President. Unweighted $\mathrm{N}=1028$ ]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nonald Trump | $45 \%$ | 466 |
| Elizabeth Warren | 474 |  |
| Not sure | $46 \%$ | 469 |
|  | 464 |  |

OH35...As of today, do you lean more toward Elizabeth Warren the Democrat or more toward Donald Trump the Republican? [Asked among voters that say they are 'Not sure'. Unweighted $N=90$ ]

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| Nonald Trump | $37 \%$ | 33 |
| Elizabeth Warren | 34 |  |

OH35Final...Trump v. Warren: Among likely voters, combined with respondents who lean toward a candidate

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Donald Trump | $49 \%$ | 500 |
| Elizabeth Warren | 508 |  |

OH36...If the election for president were being held today, and the candidates were Kamala Harris the Democrat and Donald Trump the Republican, for whom would you vote? [Asked among voters that say they will definitely or probably vote in the November 2020 general election for President. Unweighted $N=1028$ ]

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| Nonald Trump | $46 \%$ | 469 |
| Kamala Harris | 477 |  |
| Not sure | $43 \%$ | 446 |

OH37...As of today, do you lean more toward Kamala Harris the Democrat or more toward Donald Trump the Republican? [Asked among voters that say they are 'Not sure'. Unweighted $\mathrm{N}=111$ ]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Donald Trump | $42 \%$ | 47 |
| Kamala Harris | $58 \%$ | 64 |

OH37Final...Trump v. Harris: Among likely voters, combined with respondents who lean toward a candidate

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nonald Trump | $50 \%$ | 516 |
| Kamala Harris | 524 |  |

OH38...If the election for president were being held today, and the candidates were Pete Buttigieg the Democrat and Donald Trump the Republican, for whom would you vote? [Asked among voters that say they will definitely or probably vote in the November 2020 general election for President. Unweighted $\mathrm{N}=1028$ ]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nonald Trump | $46 \%$ | 467 |
| Pete Buttigieg | 473 |  |
| Not sure | $43 \%$ | 442 |

OH39...As of today, do you lean more toward Pete Buttigieg the Democrat or more toward Donald Trump the Republican? [Asked among voters that say they are 'Not sure'. Unweighted $\mathrm{N}=117$ ]

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Donald Trump | $42 \%$ | 49 |
| Pete Buttigieg | 50 |  |

OH39Final...Trump v. Buttigieg: Among likely voters, combined with respondents who lean toward a candidate

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| Nonald Trump | $50 \%$ | 516 |
| Pete Buttigieg | 523 |  |

OH40...How much attention have you been paying to President Trump's actions regarding Ukraine?

| Response | Percent | Weighted $N$ |
| :--- | :---: | :---: |
| A lot | $38 \%$ | 425 |
| Some | 430 |  |
| Only a little | $38 \%$ | 421 |
| None at all | 421 |  |

OH41...As you may know, the House of Representatives has begun a formal impeachment inquiry to determine whether or not to bring impeachment charges against President Trump. Do you approve or disapprove of this impeachment inquiry?

| Response | Percent | Weighted N |
| :--- | :---: | :---: |
| N |  |  |
| Strongly approve | $36 \%$ | 397 |
| Somewhat approve | 394 |  |
| Somewhat disapprove | $16 \%$ | 174 |
| Strongly disapprove | $12 \%$ | 172 |
|  | $36 \%$ | 137 |

## Sample Statistics

| Var1 | Freq |
| :---: | :---: |
| Age18-34 | 23.4\% |
| Age35-54 | 32.3\% |
| Age55+ | 44.3\% |
| Gender-Female | 53.7\% |
| Gender-Male | 46.3\% |
| Race-Black | 11.8\% |
| Race-Other | 2.8\% |
| Race-White | 85.4\% |
| Education-Advanced | 10.9\% |
| Education-Bachelors | 20.6\% |
| Education-LessThanBachelors | 68.5\% |
| party-ID: Democrat | 43.1\% |
| party-ID: Independent | 13.5\% |
| party-ID: Republican | 43.4\% |
| Hispanic-No | 96.9\% |
| Hispanic-Yes | 3.1\% |

## Methodology

Poll number: pr1923
Interview Dates: October 1-7, 2019
Sample Population: 1112 registered voters in Ohio.
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 Ohio based on age, gender, race, and educational attainment.
Figures may or may not sum to $100 \%$ and this is due to the effects of rounding and weighting. The standard deviation of the weights was: 0.1236733 . The maximum weight was: 1.3348724 . The minimum weight was: 0.6246466 . $95 \%$ of the weights were between $0.7978708,1.222228$.

Margin of Error: The $95 \%$ credibility interval for this survey is $+/-2.9 \%$, which includes the square root of the design effect (DEFT): 1.0076117 .

VoteToplssue: Abortion...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Abortion

|  | idvars | Not selected | Selected |
| :--- | :---: | :---: | :---: | :---: |
| Adults-All |  | Weighted N |  |
| party-ID: Democrat | $92 \%$ | $8 \%$ |  |
| party-ID: Independent | $92 \%$ | $8 \%$ | 1112 |
| party-ID: Republican | $93 \%$ | 48 |  |

VoteToplssue: Climate change...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Climate change

|  | idvars | Not selected | Selected | Weighted N |
| :--- | :---: | :---: | :---: | :---: |
| Adults-All | $86 \%$ | $14 \%$ | 1112 |  |
| party-ID: Democrat | $75 \%$ | $25 \%$ | 480 |  |
| party-ID: Independent | $87 \%$ | $13 \%$ | 150 |  |
| party-ID: Republican | $95 \%$ | $5 \%$ | 482 |  |

VoteToplssue: Education...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Education

|  | idvars | Not selected | Selected | Weighted N |
| :--- | :--- | :---: | :---: | :---: |
| Adults-All |  | $92 \%$ | $8 \%$ | 1112 |
| party-ID: Democrat |  | $90 \%$ | $10 \%$ | 480 |
| party-ID: Independent | $90 \%$ | $10 \%$ | 150 |  |
| party-ID: Republican | $94 \%$ | $6 \%$ | 482 |  |

VoteToplssue: Federal taxes and spending...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Federal taxes and spending

|  | idvars | Not selected | Selected | Weighted N |
| :--- | :--- | :---: | :---: | :---: |
| Adults-All |  | $87 \%$ | $13 \%$ | 1112 |
| party-ID: Democrat | $90 \%$ | $10 \%$ | 480 |  |
| party-ID: Independent | $81 \%$ | $19 \%$ | 150 |  |
| party-ID: Republican | $85 \%$ | $15 \%$ | 482 |  |

VoteToplssue: Foreign policy...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Foreign policy

|  | idvars | Not selected | Selected | Weighted N |
| :--- | :--- | :---: | :---: | :---: |
| Adults-All | $96 \%$ | $4 \%$ | 1112 |  |
| party-ID: Democrat | $97 \%$ | $3 \%$ | 480 |  |
| party-ID: Independent | $94 \%$ | $6 \%$ | 150 |  |
| party-ID: Republican | $95 \%$ | $5 \%$ | 482 |  |

VoteTopIssue: Gun policy...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Gun policy

|  | idvars | Not selected | Selected |
| :--- | :--- | :---: | :---: | :---: |
| Adults-All | Weighted N |  |  |
| party-ID: Democrat | $85 \%$ | $15 \%$ |  |
| party-ID: Independent | $82 \%$ | 1112 |  |
| party-ID: Republican | $93 \%$ | $48 \%$ | $7 \%$ |

VoteToplssue: Health care...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Health care

|  | idvars | Not selected | Selected |
| :--- | :---: | :---: | :---: |
| Adults-All |  | $66 \%$ | $34 \%$ |
| party-ID: Democrat | $55 \%$ | $45 \%$ |  |
| party-ID: Independent | $63 \%$ | $37 \%$ |  |
| party-ID: Republican | $77 \%$ | 480 | 150 |

VoteToplssue: Immigration...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Immigration

|  | idvars | Not selected | Selected | Weighted N |
| :--- | :---: | :---: | :---: | :---: |
| Adults-All | $79 \%$ | $21 \%$ | 1112 |  |
| party-ID: Democrat | $91 \%$ | $9 \%$ | 480 |  |
| party-ID: Independent | $87 \%$ | $13 \%$ | 150 |  |
| party-ID: Republican | $64 \%$ | $36 \%$ | 482 |  |

VoteToplssue: Opioid epidemic...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Opioid epidemic

|  | idvars | Not selected | Selected |
| :--- | :--- | :---: | :---: |
| Adults-All |  | $95 \%$ | $5 \%$ |
| party-ID: Democrat | $96 \%$ | $4 \%$ | 1112 |
| party-ID: Independent | $91 \%$ | 48 |  |
| party-ID: Republican | $94 \%$ | $6 \%$ | 150 |

VoteToplssue: Social Security...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Social Security

|  | idvars | Not selected | Selected |
| :--- | :---: | :---: | :---: | :---: |
| Adults-All |  | $82 \%$ | $18 \%$ |
| party-ID: Democrat | $82 \%$ | $18 \%$ |  |
| party-ID: Independent | $80 \%$ | $20 \%$ | 480 |
| party-ID: Republican | $83 \%$ | 150 |  |

VoteToplssue: Terrorism...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Terrorism

|  | idvars | Not selected | Selected | Weighted N |
| :--- | :--- | :---: | :---: | :---: |
| Adults-All | $90 \%$ | $10 \%$ | 1112 |  |
| party-ID: Democrat | $95 \%$ | $5 \%$ | 480 |  |
| party-ID: Independent | $89 \%$ | $11 \%$ | 150 |  |
| party-ID: Republican | $86 \%$ | $14 \%$ | 482 |  |

VoteToplssue: The economy and jobs...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - The economy and jobs

|  | idvars | Not selected | Selected |
| :--- | :--- | :---: | :---: |
| Adults-All |  | Weighted N |  |
| party-ID: Democrat | $71 \%$ | $29 \%$ |  |
| party-ID: Independent | $76 \%$ | $24 \%$ |  |
| party-ID: Republican | $65 \%$ | 3112 |  |

VoteToplssue: The Supreme Court...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - The Supreme Court

|  | idvars | Not selected | Selected |
| :--- | :---: | :---: | :---: | :---: |
| Adults-All |  | $96 \%$ | $4 \%$ |
| party-ID: Democrat | $96 \%$ | $4 \%$ |  |
| party-ID: Independent | $99 \%$ | 1112 |  |
| party-ID: Republican | $95 \%$ | 480 |  |

VoteToplssue: Trump's record as president...Below are some issues that may factor into deciding your vote for President in November 2020. In making your decision about who to vote for, which two issues are the most important to your vote? Please select two issues. - Trump's record as president

|  | idvars | Not selected | Selected | Weighted N |
| :--- | :--- | :---: | :---: | :---: |
| Adults-All | $85 \%$ | $15 \%$ | 1112 |  |
| party-ID: Democrat | $82 \%$ | $18 \%$ | 480 |  |
| party-ID: Independent | $87 \%$ | $13 \%$ | 150 |  |
| party-ID: Republican | $88 \%$ | $12 \%$ | 482 |  |

OH6...As you may know, the state of Ohio recently passed new legislation that keeps two nuclear power plants and two coal plants running. The cost of maintaining these nuclear and coal plants would be paid by consumers through a monthly surcharge to their electricity bills. Additionally, in the next decade, the law eliminates the state's requirement that utilities increase the amount of renewable energy, such as wind and solar, they produce.Based on what you know, do you support or oppose this legislation?

| idvars | Strongly support | Somewhat support | Somewhat oppose | Strongly oppose | Not sure | Weighted N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Adults-All | 7\% | 24\% | 24\% | $30 \%$ | 15\% | 1112 |
| party-ID: Democrat | 5\% | 14\% | 24\% | 46\% | 11\% | 480 |
| party-ID: Independent | 9\% | 20\% | 25\% | 21\% | 25\% | 150 |
| party-ID: Republican | 9\% | 35\% | 23\% | 17\% | 17\% | 482 |

OH7...As you may know, the state of Ohio passed a wind setback law in 2014, which regulates where wind turbines can be located. It nearly tripled the distance that wind turbines must be set back from the nearest property line to about a quarter-mile. As a result, fewer wind turbines have been built in Ohio than in neighboring states including Indiana, Michigan, and Illinois. Which of the following comes closest to your own view, even if neither is exactly right?

| idvars | Ohio should eliminate this wind setback law. The wind setback law has cost Ohio billions of dollars in new investment, limited job growth, and kept our state reliant on dirtier sources of energy. Ohio's wind setback law is also bad for farmers and other rural landowners who want to generate revenue from placing wind turbines on their land. | Ohio should retain this wind setback law. Wind turbines are unattractive and noisy, and they may negatively impact nearby property values. Ohio's wind setback law is needed to protect farmers and rural landowners who don't want to have to live near wind turbines. | Weighted N |
| :---: | :---: | :---: | :---: |
| Adults-All | 68\% | 32\% | 1112 |
| party-ID: <br> Democrat | 79\% | 21\% | 480 |
| party-ID: <br> Independent | 71\% | 29\% | 150 |
| party-ID: <br> Republican | 57\% | 43\% | 482 |

