

## Iowa Survey Results

**Q1** Do you have a favorable or unfavorable opinion of Donald Trump?

*Favorable* ..... 50%  
*Unfavorable* ..... 46%  
*Not sure* ..... 4%

**Q2** Do you have a favorable or unfavorable opinion of Joni Ernst?

*Favorable* ..... 37%  
*Unfavorable* ..... 50%  
*Not sure* ..... 12%

**Q3** If the candidates for US Senate next time were Democrat Zach Wahls and Republican Joni Ernst, who would you vote for?

*Zach Wahls* ..... 42%  
*Joni Ernst* ..... 43%  
*Not sure* ..... 15%

**Q4** If the candidates for US Senate next time were Democrat Nathan Sage and Republican Joni Ernst, who would you vote for?

*Nathan Sage* ..... 41%  
*Joni Ernst* ..... 45%  
*Not sure* ..... 14%

**Q5** If the candidates for US Senate next time were Democrat Jackie Norris and Republican Joni Ernst, who would you vote for?

*Jackie Norris* ..... 42%  
*Joni Ernst* ..... 45%  
*Not sure* ..... 13%

**Q6** If the candidates for US Senate next time were Democrat Josh Turek and Republican Joni Ernst, who would you vote for?

*Josh Turek* ..... 41%  
*Joni Ernst* ..... 45%  
*Not sure* ..... 14%

**Q7** Here's some more information about the candidates for US Senate. Zach Wahls is a State Senator and sixth-generation Iowan who grew up taking care of his mom with MS. In the legislature, he had the courage to fight out-of-state corporations jacking up rents, led the effort to crack down on corruption by banning politicians from insider trading, and stood up to his own party leaders by introducing common sense term limits. Wahls represents a new generation of leaders focused on solving problems and fighting against the corrupt politicians in Washington. Do you find this a very convincing, somewhat convincing, not very convincing, or not at all a convincing reason to vote for Zach Wahls?

*Very convincing* ..... 22%  
*Somewhat convincing* ..... 30%  
*Not very convincing* ..... 23%  
*Not convincing at all* ..... 16%  
*Not sure* ..... 10%

**Q8** Having heard some more information, let me ask you again: if the candidates for US Senate next time were Democrat Zach Wahls and Republican Joni Ernst, who would you vote for?

*Zach Wahls* ..... 45%  
*Joni Ernst* ..... 43%  
*Not sure* ..... 12%

**Q9** Nathan Sage grew up in a trailer park in Mason City and enlisted in the Marines after high school, serving two tours in Iraq. Sage worked nights to put himself through Kansas State and became Executive Director of the Knoxville, Iowa Chamber of Commerce, where he focuses on economic development and supporting local businesses. Sage has no experience in elected office but is running to take on corporations and a rigged economy. Do you find this a very convincing, somewhat convincing, not very convincing, or not at all a convincing reason to vote for Nathan Sage?

|                                    |     |
|------------------------------------|-----|
| <i>Very convincing</i> .....       | 16% |
| <i>Somewhat convincing</i> .....   | 29% |
| <i>Not very convincing</i> .....   | 31% |
| <i>Not convincing at all</i> ..... | 14% |
| <i>Not sure</i> .....              | 10% |

**Q10** Having heard some more information, let me ask you again: if the candidates for US Senate next time were Democrat Nathan Sage and Republican Joni Ernst, who would you vote for?

|                          |     |
|--------------------------|-----|
| <i>Nathan Sage</i> ..... | 42% |
| <i>Joni Ernst</i> .....  | 44% |
| <i>Not sure</i> .....    | 14% |

**Q11** Jackie Norris is a school board chair, former teacher, small business owner, and military mom who's putting in the hard work to get things done for the people she's served. As chair of the Des Moines school board, Jackie led the district with a plan to implement a cellphone ban in schools, and a similar program was later adopted by Governor Kim Reynolds to improve academic outcomes statewide. She has also served as a political advisor to multiple Democratic campaigns, most recently the Biden campaign. Do you find this a very convincing, somewhat convincing, not very convincing, or not at all a convincing reason to vote for Jackie Norris?

|                                    |     |
|------------------------------------|-----|
| <i>Very convincing</i> .....       | 15% |
| <i>Somewhat convincing</i> .....   | 23% |
| <i>Not very convincing</i> .....   | 32% |
| <i>Not convincing at all</i> ..... | 22% |
| <i>Not sure</i> .....              | 7%  |

**Q12** Having heard some more information, let me ask you again: if the candidates for US Senate next time were Democrat Jackie Norris and Republican Joni Ernst, who would you vote for?

|                            |     |
|----------------------------|-----|
| <i>Jackie Norris</i> ..... | 43% |
| <i>Joni Ernst</i> .....    | 44% |
| <i>Not sure</i> .....      | 13% |

**Q13** Josh Turek was born in Council Bluffs to a working-class family and uses a wheelchair due to spina bifida caused by his dad's exposure to Agent Orange in Vietnam. Turek is a two-time gold medalist for the United States at the Paralympics and has served as a member of the Iowa House of Representatives since 2023. Turek is supported by establishment Democrats in Washington DC. Do you find this a very convincing, somewhat convincing, not very convincing, or not at all a convincing reason to vote for Josh Turek?

*Very convincing* ..... 17%  
*Somewhat convincing* ..... 28%  
*Not very convincing* ..... 32%  
*Not convincing at all* ..... 16%  
*Not sure* ..... 7%

**Q14** Having heard some more information, let me ask you again: if the candidates for US Senate next time were Democrat Josh Turek and Republican Joni Ernst, who would you vote for?

*Josh Turek* ..... 43%  
*Joni Ernst* ..... 44%  
*Not sure* ..... 13%

**Q15** In the 2024 election for President, did you vote for Republican Donald Trump, Democrat Kamala Harris, someone else, or did you not vote in the election?

*Donald Trump* ..... 56%  
*Kamala Harris* ..... 43%  
*Someone else / Did not vote* ..... 1%

**Q16** If you are a woman, press 1. If a man, press 2. If you are gender non-binary, press 3.

*Woman* ..... 52%  
*Man* ..... 46%  
*Gender non-binary* ..... 2%

**Q17** If you are a Democrat, press 1. If a Republican, press 2. If an independent, press 3.

*Democrat* ..... 27%  
*Republican* ..... 37%  
*Independent* ..... 36%

**Q18** If you are white, press 1. If other, press 2.

*White* ..... 94%  
*Other* ..... 6%

**Q19** If you are 18-45 years old, press 1. If 46-65, press 2. If older than 65, press 3.

*18 to 45* ..... 35%  
*46 to 65* ..... 39%  
*Older than 65* ..... 26%

**Q20** What is the highest level of education you have received: high school graduate or less, some college but did not finish, 2-year college degree, 4-year college degree, or post-graduate degree?

*High school graduate or less* ..... 23%  
*Some college but did not finish* ..... 23%  
*2-year college degree* ..... 15%  
*4-year college degree* ..... 23%  
*Post-graduate degree* ..... 16%

**Q21** Mode

*Landline* ..... 31%  
*Text* ..... 69%

|                           | Base | 2024 Vote    |               |                             |
|---------------------------|------|--------------|---------------|-----------------------------|
|                           |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Trump Favorability</b> |      |              |               |                             |
| Favorable                 | 50%  | 87%          | 2%            | 16%                         |
| Unfavorable               | 46%  | 7%           | 96%           | 74%                         |
| Not sure                  | 4%   | 6%           | 2%            | 10%                         |

|                           | Base | 2024 Vote    |               |                             |
|---------------------------|------|--------------|---------------|-----------------------------|
|                           |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Ernst Favorability</b> |      |              |               |                             |
| Favorable                 | 37%  | 64%          | 2%            | 12%                         |
| Unfavorable               | 50%  | 18%          | 93%           | 37%                         |
| Not sure                  | 12%  | 18%          | 4%            | 52%                         |

|                      | Base | 2024 Vote    |               |                             |
|----------------------|------|--------------|---------------|-----------------------------|
|                      |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Wahls / Ernst</b> |      |              |               |                             |
| Zach Wahls           | 42%  | 6%           | 88%           | 50%                         |
| Joni Ernst           | 43%  | 75%          | 2%            | 22%                         |
| Not sure             | 15%  | 19%          | 10%           | 29%                         |

|                     | Base | 2024 Vote    |               |                             |
|---------------------|------|--------------|---------------|-----------------------------|
|                     |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Sage / Ernst</b> |      |              |               |                             |
| Nathan Sage         | 41%  | 6%           | 88%           | 50%                         |
| Joni Ernst          | 45%  | 79%          | 1%            | 15%                         |
| Not sure            | 14%  | 15%          | 11%           | 36%                         |

|                       | Base | 2024 Vote    |               |                             |
|-----------------------|------|--------------|---------------|-----------------------------|
|                       |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Norris / Ernst</b> |      |              |               |                             |
| Jackie Norris         | 42%  | 6%           | 89%           | 42%                         |
| Joni Ernst            | 45%  | 78%          | 2%            | 18%                         |
| Not sure              | 13%  | 16%          | 9%            | 40%                         |

|                      | Base | 2024 Vote    |               |                             |
|----------------------|------|--------------|---------------|-----------------------------|
|                      |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Turek / Ernst</b> |      |              |               |                             |
| Josh Turek           | 41%  | 6%           | 89%           | 49%                         |
| Joni Ernst           | 45%  | 78%          | 1%            | 16%                         |
| Not sure             | 14%  | 17%          | 9%            | 35%                         |

|  | Base | 2024 Vote    |               |                             |
|--|------|--------------|---------------|-----------------------------|
|  |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Wahls Background</b>                        |      |              |               |                             |
| <b>Very / Somewhat / Not Very / Not At All</b> |      |              |               |                             |
| <b>Convincing Reason to Vote for Him</b>       |      |              |               |                             |
| <b>Very convincing</b>                         | 22%  | 3%           | 46%           | 21%                         |
| <b>Somewhat convincing</b>                     | 30%  | 24%          | 38%           | 42%                         |
| <b>Not very convincing</b>                     | 23%  | 34%          | 8%            | 14%                         |
| <b>Not convincing at all</b>                   | 16%  | 26%          | 2%            | 7%                          |
| <b>Not sure</b>                                | 10%  | 12%          | 6%            | 16%                         |

|                               | Base | 2024 Vote    |               |                             |
|-------------------------------|------|--------------|---------------|-----------------------------|
|                               |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Informed Wahls / Ernst</b> |      |              |               |                             |
| <b>Zach Wahls</b>             | 45%  | 7%           | 94%           | 55%                         |
| <b>Joni Ernst</b>             | 43%  | 75%          | 1%            | 16%                         |
| <b>Not sure</b>               | 12%  | 17%          | 5%            | 29%                         |

|  | Base | 2024 Vote    |               |                             |
|--|------|--------------|---------------|-----------------------------|
|  |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Sage Background</b>                         |      |              |               |                             |
| <b>Very / Somewhat / Not Very / Not At All</b> |      |              |               |                             |
| <b>Convincing Reason to Vote for Him</b>       |      |              |               |                             |
| <b>Very convincing</b>                         | 16%  | 2%           | 35%           | 8%                          |
| <b>Somewhat convincing</b>                     | 29%  | 23%          | 38%           | 24%                         |
| <b>Not very convincing</b>                     | 31%  | 40%          | 20%           | 51%                         |
| <b>Not convincing at all</b>                   | 14%  | 22%          | 2%            | 16%                         |
| <b>Not sure</b>                                | 10%  | 13%          | 5%            | 1%                          |

|                              | Base | 2024 Vote    |               |                             |
|------------------------------|------|--------------|---------------|-----------------------------|
|                              |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Informed Sage / Ernst</b> |      |              |               |                             |
| <b>Nathan Sage</b>           | 42%  | 6%           | 90%           | 55%                         |
| <b>Joni Ernst</b>            | 44%  | 77%          | 2%            | 20%                         |
| <b>Not sure</b>              | 14%  | 17%          | 8%            | 25%                         |

|  | Base | 2024 Vote    |               |                             |
|--|------|--------------|---------------|-----------------------------|
|  |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Norris Background</b>                       |      |              |               |                             |
| <b>Very / Somewhat / Not Very / Not At All</b> |      |              |               |                             |
| <b>Convincing Reason to Vote for Her</b>       |      |              |               |                             |
| <b>Very convincing</b>                         | 15%  | 1%           | 35%           | 4%                          |
| <b>Somewhat convincing</b>                     | 23%  | 14%          | 36%           | 6%                          |
| <b>Not very convincing</b>                     | 32%  | 42%          | 19%           | 59%                         |
| <b>Not convincing at all</b>                   | 22%  | 35%          | 5%            | 26%                         |
| <b>Not sure</b>                                | 7%   | 9%           | 6%            | 5%                          |

|                                | Base | 2024 Vote    |               |                             |
|--------------------------------|------|--------------|---------------|-----------------------------|
|                                |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Informed Norris / Ernst</b> |      |              |               |                             |
| <b>Jackie Norris</b>           | 43%  | 6%           | 92%           | 31%                         |
| <b>Joni Ernst</b>              | 44%  | 77%          | 2%            | 22%                         |
| <b>Not sure</b>                | 13%  | 17%          | 6%            | 47%                         |



|  | Base | 2024 Vote    |               |                             |
|--|------|--------------|---------------|-----------------------------|
|  |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Turek Background</b>                        |      |              |               |                             |
| <b>Very / Somewhat / Not Very / Not At All</b> |      |              |               |                             |
| <b>Convincing Reason to Vote for Him</b>       |      |              |               |                             |
| <b>Very convincing</b>                         | 17%  | 2%           | 36%           | 27%                         |
| <b>Somewhat convincing</b>                     | 28%  | 21%          | 37%           | 6%                          |
| <b>Not very convincing</b>                     | 32%  | 41%          | 20%           | 53%                         |
| <b>Not convincing at all</b>                   | 16%  | 28%          | 1%            | 8%                          |
| <b>Not sure</b>                                | 7%   | 9%           | 5%            | 5%                          |

|                               | Base | 2024 Vote    |               |                             |
|-------------------------------|------|--------------|---------------|-----------------------------|
|                               |      | Donald Trump | Kamala Harris | Someone else / Did not vote |
| <b>Informed Turek / Ernst</b> |      |              |               |                             |
| <b>Josh Turek</b>             | 43%  | 6%           | 93%           | 53%                         |
| <b>Joni Ernst</b>             | 44%  | 76%          | 1%            | 11%                         |
| <b>Not sure</b>               | 13%  | 18%          | 6%            | 35%                         |

|                           | Base | Gender |     |                   |
|---------------------------|------|--------|-----|-------------------|
|                           |      | Woman  | Man | Gender non-binary |
| <b>Trump Favorability</b> |      |        |     |                   |
| <b>Favorable</b>          | 50%  | 43%    | 59% | 35%               |
| <b>Unfavorable</b>        | 46%  | 54%    | 36% | 50%               |
| <b>Not sure</b>           | 4%   | 3%     | 5%  | 15%               |

|                           | Base | Gender |     |                   |
|---------------------------|------|--------|-----|-------------------|
|                           |      | Woman  | Man | Gender non-binary |
| <b>Ernst Favorability</b> |      |        |     |                   |
| <b>Favorable</b>          | 37%  | 35%    | 40% | 31%               |
| <b>Unfavorable</b>        | 50%  | 55%    | 45% | 50%               |
| <b>Not sure</b>           | 12%  | 10%    | 15% | 20%               |

|                      | Base | Gender |     |                   |
|----------------------|------|--------|-----|-------------------|
|                      |      | Woman  | Man | Gender non-binary |
| <b>Wahls / Ernst</b> |      |        |     |                   |
| <b>Zach Wahls</b>    | 42%  | 47%    | 36% | 50%               |
| <b>Joni Ernst</b>    | 43%  | 37%    | 51% | 31%               |
| <b>Not sure</b>      | 15%  | 16%    | 14% | 20%               |

|                     | Base | Gender |     |                   |
|---------------------|------|--------|-----|-------------------|
|                     |      | Woman  | Man | Gender non-binary |
| <b>Sage / Ernst</b> |      |        |     |                   |
| <b>Nathan Sage</b>  | 41%  | 46%    | 35% | 49%               |
| <b>Joni Ernst</b>   | 45%  | 39%    | 52% | 37%               |
| <b>Not sure</b>     | 14%  | 14%    | 13% | 14%               |

|                       | Base | Gender |     |                   |
|-----------------------|------|--------|-----|-------------------|
|                       |      | Woman  | Man | Gender non-binary |
| <b>Norris / Ernst</b> |      |        |     |                   |
| Jackie Norris         | 42%  | 47%    | 36% | 45%               |
| Joni Ernst            | 45%  | 39%    | 53% | 34%               |
| Not sure              | 13%  | 14%    | 11% | 20%               |

|                      | Base | Gender |     |                   |
|----------------------|------|--------|-----|-------------------|
|                      |      | Woman  | Man | Gender non-binary |
| <b>Turek / Ernst</b> |      |        |     |                   |
| Josh Turek           | 41%  | 46%    | 36% | 49%               |
| Joni Ernst           | 45%  | 38%    | 53% | 31%               |
| Not sure             | 14%  | 15%    | 11% | 20%               |

|   | Base | Gender |     |                   |
|---|------|--------|-----|-------------------|
|   |      | Woman  | Man | Gender non-binary |
| <b>Wahls Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |      |        |     |                   |
| Very convincing   | 22%  | 29%    | 13% | 38%               |
| Somewhat convincing   | 30%  | 29%    | 32% | 7%                |
| Not very convincing   | 23%  | 18%    | 27% | 38%               |
| Not convincing at all   | 16%  | 11%    | 21% | 7%                |
| Not sure  | 10%  | 12%    | 7%  | 11%               |

|                               | Base       | Gender |     |                   |
|-------------------------------|------------|--------|-----|-------------------|
|                               |            | Woman  | Man | Gender non-binary |
| <b>Informed Wahls / Ernst</b> |            |        |     |                   |
| <b>Zach Wahls</b>             | <b>45%</b> | 51%    | 37% | 50%               |
| <b>Joni Ernst</b>             | <b>43%</b> | 37%    | 51% | 31%               |
| <b>Not sure</b>               | <b>12%</b> | 12%    | 12% | 20%               |

|  | Base       | Gender |     |                   |
|--|------------|--------|-----|-------------------|
|  |            | Woman  | Man | Gender non-binary |
| <b>Sage Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |            |        |     |                   |
| <b>Very convincing</b>   | <b>16%</b> | 18%    | 14% | 6%                |
| <b>Somewhat convincing</b>   | <b>29%</b> | 28%    | 29% | 53%               |
| <b>Not very convincing</b>   | <b>31%</b> | 30%    | 34% | 19%               |
| <b>Not convincing at all</b>   | <b>14%</b> | 11%    | 16% | 11%               |
| <b>Not sure</b>  | <b>10%</b> | 12%    | 7%  | 11%               |

|                              | Base       | Gender |     |                   |
|------------------------------|------------|--------|-----|-------------------|
|                              |            | Woman  | Man | Gender non-binary |
| <b>Informed Sage / Ernst</b> |            |        |     |                   |
| <b>Nathan Sage</b>           | <b>42%</b> | 47%    | 36% | 49%               |
| <b>Joni Ernst</b>            | <b>44%</b> | 37%    | 53% | 33%               |
| <b>Not sure</b>              | <b>14%</b> | 15%    | 11% | 18%               |

|  | Base | Gender |     |                   |
|--|------|--------|-----|-------------------|
|  |      | Woman  | Man | Gender non-binary |
| <b>Norris Background</b>                       |      |        |     |                   |
| <b>Very / Somewhat / Not Very / Not At All</b> |      |        |     |                   |
| <b>Convincing Reason to Vote for Her</b>       |      |        |     |                   |
| <b>Very convincing</b>                         | 15%  | 21%    | 8%  | 23%               |
| <b>Somewhat convincing</b>                     | 23%  | 23%    | 24% | 18%               |
| <b>Not very convincing</b>                     | 32%  | 31%    | 34% | 23%               |
| <b>Not convincing at all</b>                   | 22%  | 18%    | 27% | 26%               |
| <b>Not sure</b>                                | 7%   | 8%     | 7%  | 10%               |

|                                | Base | Gender |     |                   |
|--------------------------------|------|--------|-----|-------------------|
|                                |      | Woman  | Man | Gender non-binary |
| <b>Informed Norris / Ernst</b> |      |        |     |                   |
| <b>Jackie Norris</b>           | 43%  | 49%    | 36% | 45%               |
| <b>Joni Ernst</b>              | 44%  | 37%    | 54% | 34%               |
| <b>Not sure</b>                | 13%  | 15%    | 10% | 20%               |

|  | Base | Gender |     |                   |
|--|------|--------|-----|-------------------|
|  |      | Woman  | Man | Gender non-binary |
| Turek Background<br>Very / Somewhat / Not<br>Very / Not At All<br>Convincing Reason to<br>Vote for Him |      |        |     |                   |
| Very convincing  | 17%  | 22%    | 11% | 6%                |
| Somewhat convincing  | 28%  | 24%    | 32% | 25%               |
| Not very convincing  | 32%  | 34%    | 30% | 52%               |
| Not convincing at all  | 16%  | 12%    | 21% | 7%                |
| Not sure   | 7%   | 8%     | 6%  | 10%               |

|                        | Base | Gender |     |                   |
|------------------------|------|--------|-----|-------------------|
|                        |      | Woman  | Man | Gender non-binary |
| Informed Turek / Ernst |      |        |     |                   |
| Josh Turek             | 43%  | 49%    | 37% | 49%               |
| Joni Ernst             | 44%  | 36%    | 53% | 31%               |
| Not sure               | 13%  | 15%    | 10% | 20%               |

|                    | Base | Party    |            |             |
|--------------------|------|----------|------------|-------------|
|                    |      | Democrat | Republican | Independent |
| Trump Favorability |      |          |            |             |
| Favorable          | 50%  | 11%      | 88%        | 39%         |
| Unfavorable        | 46%  | 89%      | 8%         | 53%         |
| Not sure           | 4%   | 0%       | 4%         | 8%          |

|                           |      | Party    |            |             |
|---------------------------|------|----------|------------|-------------|
|                           | Base | Democrat | Republican | Independent |
| <b>Ernst Favorability</b> |      |          |            |             |
| <b>Favorable</b>          | 37%  | 10%      | 61%        | 33%         |
| <b>Unfavorable</b>        | 50%  | 85%      | 19%        | 57%         |
| <b>Not sure</b>           | 12%  | 5%       | 20%        | 10%         |

|                      |      | Party    |            |             |
|----------------------|------|----------|------------|-------------|
|                      | Base | Democrat | Republican | Independent |
| <b>Wahls / Ernst</b> |      |          |            |             |
| <b>Zach Wahls</b>    | 42%  | 82%      | 7%         | 49%         |
| <b>Joni Ernst</b>    | 43%  | 9%       | 77%        | 32%         |
| <b>Not sure</b>      | 15%  | 9%       | 16%        | 19%         |

|                     |      | Party    |            |             |
|---------------------|------|----------|------------|-------------|
|                     | Base | Democrat | Republican | Independent |
| <b>Sage / Ernst</b> |      |          |            |             |
| <b>Nathan Sage</b>  | 41%  | 83%      | 7%         | 46%         |
| <b>Joni Ernst</b>   | 45%  | 10%      | 79%        | 36%         |
| <b>Not sure</b>     | 14%  | 7%       | 15%        | 17%         |

|                | Base | Party    |            |             |
|----------------|------|----------|------------|-------------|
|                |      | Democrat | Republican | Independent |
| Norris / Ernst |      |          |            |             |
| Jackie Norris  | 42%  | 81%      | 6%         | 50%         |
| Joni Ernst     | 45%  | 9%       | 79%        | 37%         |
| Not sure       | 13%  | 10%      | 15%        | 13%         |

|               | Base | Party    |            |             |
|---------------|------|----------|------------|-------------|
|               |      | Democrat | Republican | Independent |
| Turek / Ernst |      |          |            |             |
| Josh Turek    | 41%  | 83%      | 6%         | 48%         |
| Joni Ernst    | 45%  | 10%      | 79%        | 35%         |
| Not sure      | 14%  | 8%       | 15%        | 17%         |

|  | Base | Party    |            |             |
|--|------|----------|------------|-------------|
|  |      | Democrat | Republican | Independent |
| Wahls Background<br>Very / Somewhat / Not<br>Very / Not At All<br>Convincing Reason to<br>Vote for Him |      |          |            |             |
| Very convincing  | 22%  | 47%      | 4%         | 23%         |
| Somewhat convincing  | 30%  | 32%      | 30%        | 28%         |
| Not very convincing  | 23%  | 8%       | 35%        | 21%         |
| Not convincing at all  | 16%  | 8%       | 22%        | 15%         |
| Not sure   | 10%  | 6%       | 9%         | 13%         |



|                               | Base | Party    |            |             |
|-------------------------------|------|----------|------------|-------------|
|                               |      | Democrat | Republican | Independent |
| <b>Informed Wahls / Ernst</b> |      |          |            |             |
| <b>Zach Wahls</b>             | 45%  | 86%      | 9%         | 51%         |
| <b>Joni Ernst</b>             | 43%  | 10%      | 77%        | 33%         |
| <b>Not sure</b>               | 12%  | 4%       | 14%        | 16%         |

|  | Base | Party    |            |             |
|--|------|----------|------------|-------------|
|  |      | Democrat | Republican | Independent |
| <b>Sage Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |      |          |            |             |
| <b>Very convincing</b>   | 16%  | 32%      | 4%         | 17%         |
| <b>Somewhat convincing</b>   | 29%  | 35%      | 23%        | 31%         |
| <b>Not very convincing</b>   | 31%  | 18%      | 44%        | 28%         |
| <b>Not convincing at all</b>   | 14%  | 9%       | 18%        | 13%         |
| <b>Not sure</b>  | 10%  | 7%       | 11%        | 10%         |

|                              | Base | Party    |            |             |
|------------------------------|------|----------|------------|-------------|
|                              |      | Democrat | Republican | Independent |
| <b>Informed Sage / Ernst</b> |      |          |            |             |
| <b>Nathan Sage</b>           | 42%  | 83%      | 6%         | 49%         |
| <b>Joni Ernst</b>            | 44%  | 10%      | 79%        | 34%         |
| <b>Not sure</b>              | 14%  | 7%       | 15%        | 17%         |

|  |      | Party    |            |             |
|--|------|----------|------------|-------------|
|  | Base | Democrat | Republican | Independent |
| <b>Norris Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Her</b> |      |          |            |             |
| Very convincing  | 15%  | 35%      | 3%         | 14%         |
| Somewhat convincing  | 23%  | 35%      | 15%        | 23%         |
| Not very convincing  | 32%  | 19%      | 45%        | 29%         |
| Not convincing at all  | 22%  | 9%       | 29%        | 25%         |
| Not sure   | 7%   | 2%       | 9%         | 10%         |

|                                    |      | Party    |            |             |
|------------------------------------|------|----------|------------|-------------|
|                                    | Base | Democrat | Republican | Independent |
| <b>Informed Norris /<br/>Ernst</b> |      |          |            |             |
| Jackie Norris                      | 43%  | 86%      | 6%         | 49%         |
| Joni Ernst                         | 44%  | 9%       | 79%        | 35%         |
| Not sure                           | 13%  | 5%       | 15%        | 16%         |

|   | Base | Party    |            |             |
|---|------|----------|------------|-------------|
|   |      | Democrat | Republican | Independent |
| <b>Turek Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |      |          |            |             |
| Very convincing   | 17%  | 37%      | 2%         | 17%         |
| Somewhat convincing   | 28%  | 33%      | 21%        | 31%         |
| Not very convincing   | 32%  | 17%      | 46%        | 29%         |
| Not convincing at all   | 16%  | 8%       | 24%        | 14%         |
| Not sure  | 7%   | 5%       | 7%         | 9%          |

|                               | Base | Party    |            |             |
|-------------------------------|------|----------|------------|-------------|
|                               |      | Democrat | Republican | Independent |
| <b>Informed Turek / Ernst</b> |      |          |            |             |
| Josh Turek                    | 43%  | 85%      | 7%         | 50%         |
| Joni Ernst                    | 44%  | 9%       | 79%        | 33%         |
| Not sure                      | 13%  | 6%       | 14%        | 17%         |

|                           | Base | Race  |       |
|---------------------------|------|-------|-------|
|                           |      | White | Other |
| <b>Trump Favorability</b> |      |       |       |
| Favorable                 | 50%  | 50%   | 55%   |
| Unfavorable               | 46%  | 46%   | 35%   |
| Not sure                  | 4%   | 4%    | 10%   |

|                           |      | Race  |       |
|---------------------------|------|-------|-------|
|                           | Base | White | Other |
| <b>Ernst Favorability</b> |      |       |       |
| Favorable                 | 37%  | 37%   | 47%   |
| Unfavorable               | 50%  | 52%   | 30%   |
| Not sure                  | 12%  | 12%   | 23%   |

|                      |      | Race  |       |
|----------------------|------|-------|-------|
|                      | Base | White | Other |
| <b>Wahls / Ernst</b> |      |       |       |
| Zach Wahls           | 42%  | 43%   | 27%   |
| Joni Ernst           | 43%  | 42%   | 55%   |
| Not sure             | 15%  | 15%   | 18%   |

|                     |      | Race  |       |
|---------------------|------|-------|-------|
|                     | Base | White | Other |
| <b>Sage / Ernst</b> |      |       |       |
| Nathan Sage         | 41%  | 42%   | 30%   |
| Joni Ernst          | 45%  | 44%   | 57%   |
| Not sure            | 14%  | 14%   | 13%   |

|                       | Base | Race  |       |
|-----------------------|------|-------|-------|
|                       |      | White | Other |
| <b>Norris / Ernst</b> |      |       |       |
| Jackie Norris         | 42%  | 42%   | 30%   |
| Joni Ernst            | 45%  | 45%   | 56%   |
| Not sure              | 13%  | 13%   | 14%   |

|                      | Base | Race  |       |
|----------------------|------|-------|-------|
|                      |      | White | Other |
| <b>Turek / Ernst</b> |      |       |       |
| Josh Turek           | 41%  | 42%   | 30%   |
| Joni Ernst           | 45%  | 44%   | 55%   |
| Not sure             | 14%  | 14%   | 16%   |

|   | Base | Race  |       |
|---|------|-------|-------|
|   |      | White | Other |
| <b>Wahls Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |      |       |       |
| Very convincing   | 22%  | 22%   | 23%   |
| Somewhat convincing   | 30%  | 31%   | 20%   |
| Not very convincing   | 23%  | 24%   | 8%    |
| Not convincing at all   | 16%  | 14%   | 35%   |
| Not sure  | 10%  | 9%    | 14%   |

|                               | Base | Race  |       |
|-------------------------------|------|-------|-------|
|                               |      | White | Other |
| <b>Informed Wahls / Ernst</b> |      |       |       |
| <b>Zach Wahls</b>             | 45%  | 45%   | 33%   |
| <b>Joni Ernst</b>             | 43%  | 42%   | 55%   |
| <b>Not sure</b>               | 12%  | 12%   | 12%   |

|  | Base | Race  |       |
|--|------|-------|-------|
|  |      | White | Other |
| <b>Sage Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |      |       |       |
| <b>Very convincing</b>   | 16%  | 16%   | 13%   |
| <b>Somewhat convincing</b>   | 29%  | 30%   | 18%   |
| <b>Not very convincing</b>   | 31%  | 31%   | 30%   |
| <b>Not convincing at all</b>   | 14%  | 12%   | 33%   |
| <b>Not sure</b>  | 10%  | 10%   | 6%    |

|                              | Base | Race  |       |
|------------------------------|------|-------|-------|
|                              |      | White | Other |
| <b>Informed Sage / Ernst</b> |      |       |       |
| <b>Nathan Sage</b>           | 42%  | 43%   | 30%   |
| <b>Joni Ernst</b>            | 44%  | 44%   | 56%   |
| <b>Not sure</b>              | 14%  | 13%   | 15%   |

|  | Base | Race  |       |
|--|------|-------|-------|
|  |      | White | Other |
| <b>Norris Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Her</b> |      |       |       |
| Very convincing  | 15%  | 16%   | 2%    |
| Somewhat convincing  | 23%  | 23%   | 24%   |
| Not very convincing  | 32%  | 33%   | 29%   |
| Not convincing at all  | 22%  | 21%   | 33%   |
| Not sure   | 7%   | 7%    | 11%   |

|                                    | Base | Race  |       |
|------------------------------------|------|-------|-------|
|                                    |      | White | Other |
| <b>Informed Norris /<br/>Ernst</b> |      |       |       |
| Jackie Norris                      | 43%  | 44%   | 30%   |
| Joni Ernst                         | 44%  | 44%   | 56%   |
| Not sure                           | 13%  | 13%   | 14%   |

|   | Base | Race  |       |
|---|------|-------|-------|
|   |      | White | Other |
| <b>Turek Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |      |       |       |
| Very convincing   | 17%  | 17%   | 6%    |
| Somewhat convincing   | 28%  | 27%   | 37%   |
| Not very convincing   | 32%  | 34%   | 12%   |
| Not convincing at all   | 16%  | 15%   | 32%   |
| Not sure  | 7%   | 7%    | 13%   |

|                               | Base | Race  |       |
|-------------------------------|------|-------|-------|
|                               |      | White | Other |
| <b>Informed Turek / Ernst</b> |      |       |       |
| Josh Turek                    | 43%  | 44%   | 30%   |
| Joni Ernst                    | 44%  | 43%   | 55%   |
| Not sure                      | 13%  | 13%   | 16%   |

|                           | Base | Age         |             |                  |
|---------------------------|------|-------------|-------------|------------------|
|                           |      | 18 to<br>45 | 46 to<br>65 | Older<br>than 65 |
| <b>Trump Favorability</b> |      |             |             |                  |
| Favorable                 | 50%  | 37%         | 59%         | 53%              |
| Unfavorable               | 46%  | 56%         | 38%         | 43%              |
| Not sure                  | 4%   | 7%          | 2%          | 3%               |



|                           | Base | Age      |          |               |
|---------------------------|------|----------|----------|---------------|
|                           |      | 18 to 45 | 46 to 65 | Older than 65 |
| <b>Ernst Favorability</b> |      |          |          |               |
| <b>Favorable</b>          | 37%  | 26%      | 44%      | 41%           |
| <b>Unfavorable</b>        | 50%  | 55%      | 48%      | 48%           |
| <b>Not sure</b>           | 12%  | 19%      | 7%       | 11%           |

|                      | Base | Age      |          |               |
|----------------------|------|----------|----------|---------------|
|                      |      | 18 to 45 | 46 to 65 | Older than 65 |
| <b>Wahls / Ernst</b> |      |          |          |               |
| <b>Zach Wahls</b>    | 42%  | 49%      | 37%      | 40%           |
| <b>Joni Ernst</b>    | 43%  | 29%      | 51%      | 49%           |
| <b>Not sure</b>      | 15%  | 22%      | 12%      | 11%           |

|                     | Base | Age      |          |               |
|---------------------|------|----------|----------|---------------|
|                     |      | 18 to 45 | 46 to 65 | Older than 65 |
| <b>Sage / Ernst</b> |      |          |          |               |
| <b>Nathan Sage</b>  | 41%  | 46%      | 36%      | 43%           |
| <b>Joni Ernst</b>   | 45%  | 32%      | 54%      | 50%           |
| <b>Not sure</b>     | 14%  | 22%      | 10%      | 7%            |

|                       | Base | Age      |          |               |
|-----------------------|------|----------|----------|---------------|
|                       |      | 18 to 45 | 46 to 65 | Older than 65 |
| <b>Norris / Ernst</b> |      |          |          |               |
| Jackie Norris         | 42%  | 48%      | 37%      | 40%           |
| Joni Ernst            | 45%  | 34%      | 54%      | 48%           |
| Not sure              | 13%  | 19%      | 9%       | 11%           |

|                      | Base | Age      |          |               |
|----------------------|------|----------|----------|---------------|
|                      |      | 18 to 45 | 46 to 65 | Older than 65 |
| <b>Turek / Ernst</b> |      |          |          |               |
| Josh Turek           | 41%  | 47%      | 37%      | 41%           |
| Joni Ernst           | 45%  | 34%      | 53%      | 48%           |
| Not sure             | 14%  | 19%      | 11%      | 11%           |

|   | Base | Age      |          |               |
|---|------|----------|----------|---------------|
|   |      | 18 to 45 | 46 to 65 | Older than 65 |
| <b>Wahls Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |      |          |          |               |
| Very convincing   | 22%  | 23%      | 19%      | 25%           |
| Somewhat convincing   | 30%  | 37%      | 27%      | 25%           |
| Not very convincing   | 23%  | 14%      | 27%      | 28%           |
| Not convincing at all   | 16%  | 18%      | 16%      | 12%           |
| Not sure  | 10%  | 7%       | 12%      | 11%           |

|                               | Base | Age      |          |               |
|-------------------------------|------|----------|----------|---------------|
|                               |      | 18 to 45 | 46 to 65 | Older than 65 |
| <b>Informed Wahls / Ernst</b> |      |          |          |               |
| <b>Zach Wahls</b>             | 45%  | 50%      | 40%      | 43%           |
| <b>Joni Ernst</b>             | 43%  | 31%      | 50%      | 49%           |
| <b>Not sure</b>               | 12%  | 19%      | 9%       | 8%            |

|  | Base | Age      |          |               |
|--|------|----------|----------|---------------|
|  |      | 18 to 45 | 46 to 65 | Older than 65 |
| <b>Sage Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |      |          |          |               |
| <b>Very convincing</b>   | 16%  | 21%      | 13%      | 15%           |
| <b>Somewhat convincing</b>   | 29%  | 27%      | 27%      | 36%           |
| <b>Not very convincing</b>   | 31%  | 31%      | 30%      | 34%           |
| <b>Not convincing at all</b>   | 14%  | 14%      | 15%      | 10%           |
| <b>Not sure</b>  | 10%  | 7%       | 15%      | 5%            |

|                              | Base | Age      |          |               |
|------------------------------|------|----------|----------|---------------|
|                              |      | 18 to 45 | 46 to 65 | Older than 65 |
| <b>Informed Sage / Ernst</b> |      |          |          |               |
| <b>Nathan Sage</b>           | 42%  | 49%      | 37%      | 41%           |
| <b>Joni Ernst</b>            | 44%  | 33%      | 52%      | 48%           |
| <b>Not sure</b>              | 14%  | 18%      | 11%      | 10%           |

|   | Base | Age      |          |               |
|---|------|----------|----------|---------------|
|   |      | 18 to 45 | 46 to 65 | Older than 65 |
| Norris Background<br>Very / Somewhat / Not<br>Very / Not At All<br>Convincing Reason to<br>Vote for Her |      |          |          |               |
| Very convincing   | 15%  | 16%      | 13%      | 16%           |
| Somewhat convincing   | 23%  | 22%      | 20%      | 28%           |
| Not very convincing   | 32%  | 29%      | 33%      | 36%           |
| Not convincing at all   | 22%  | 23%      | 26%      | 15%           |
| Not sure  | 7%   | 10%      | 7%       | 5%            |

|                         | Base | Age      |          |               |
|-------------------------|------|----------|----------|---------------|
|                         |      | 18 to 45 | 46 to 65 | Older than 65 |
| Informed Norris / Ernst |      |          |          |               |
| Jackie Norris           | 43%  | 50%      | 38%      | 42%           |
| Joni Ernst              | 44%  | 34%      | 52%      | 48%           |
| Not sure                | 13%  | 17%      | 10%      | 11%           |

|  | Base       | Age        |            |               |
|--|------------|------------|------------|---------------|
|  |            | 18 to 45   | 46 to 65   | Older than 65 |
| <b>Turek Background</b>  |            |            |            |               |
| <b>Very / Somewhat / Not Very / Not At All Convincing Reason to Vote for Him</b> |            |            |            |               |
| <b>Very convincing</b>   | <b>17%</b> | <b>19%</b> | <b>15%</b> | <b>16%</b>    |
| <b>Somewhat convincing</b>   | <b>28%</b> | <b>31%</b> | <b>27%</b> | <b>23%</b>    |
| <b>Not very convincing</b>   | <b>32%</b> | <b>22%</b> | <b>33%</b> | <b>46%</b>    |
| <b>Not convincing at all</b>   | <b>16%</b> | <b>19%</b> | <b>16%</b> | <b>11%</b>    |
| <b>Not sure</b>  | <b>7%</b>  | <b>8%</b>  | <b>8%</b>  | <b>4%</b>     |

|                        | Base | Age      |          |               |
|------------------------|------|----------|----------|---------------|
|                        |      | 18 to 45 | 46 to 65 | Older than 65 |
| Informed Turek / Ernst |      |          |          |               |
| Josh Turek             | 43%  | 50%      | 38%      | 42%           |
| Joni Ernst             | 44%  | 33%      | 51%      | 47%           |
| Not sure               | 13%  | 17%      | 11%      | 10%           |

|                    | Base | Education                    |                                 |                       |                       |                      |
|--------------------|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|                    |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Trump Favorability |      |                              |                                 |                       |                       |                      |
| Favorable          | 50%  | 66%                          | 49%                             | 56%                   | 49%                   | 26%                  |
| Unfavorable        | 46%  | 33%                          | 46%                             | 37%                   | 51%                   | 65%                  |
| Not sure           | 4%   | 2%                           | 5%                              | 7%                    | 1%                    | 10%                  |

|                    | Base | Education                    |                                 |                       |                       |                      |
|--------------------|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|                    |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Ernst Favorability |      |                              |                                 |                       |                       |                      |
| Favorable          | 37%  | 47%                          | 35%                             | 48%                   | 30%                   | 27%                  |
| Unfavorable        | 50%  | 40%                          | 48%                             | 41%                   | 58%                   | 65%                  |
| Not sure           | 12%  | 12%                          | 16%                             | 11%                   | 12%                   | 8%                   |

|               | Base | Education                    |                                 |                       |                       |                      |
|---------------|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|               |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Wahls / Ernst |      |                              |                                 |                       |                       |                      |
| Zach Wahls    | 42%  | 29%                          | 40%                             | 33%                   | 50%                   | 60%                  |
| Joni Ernst    | 43%  | 47%                          | 40%                             | 55%                   | 42%                   | 33%                  |
| Not sure      | 15%  | 25%                          | 20%                             | 12%                   | 8%                    | 8%                   |

|              | Base | Education                    |                                 |                       |                       |                      |
|--------------|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|              |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Sage / Ernst |      |                              |                                 |                       |                       |                      |
| Nathan Sage  | 41%  | 31%                          | 41%                             | 31%                   | 48%                   | 57%                  |
| Joni Ernst   | 45%  | 53%                          | 46%                             | 55%                   | 40%                   | 32%                  |
| Not sure     | 14%  | 16%                          | 13%                             | 14%                   | 12%                   | 11%                  |

|                | Base | Education                    |                                 |                       |                       |                      |
|----------------|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|                |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Norris / Ernst |      |                              |                                 |                       |                       |                      |
| Jackie Norris  | 42%  | 30%                          | 43%                             | 31%                   | 48%                   | 59%                  |
| Joni Ernst     | 45%  | 52%                          | 45%                             | 55%                   | 42%                   | 33%                  |
| Not sure       | 13%  | 18%                          | 13%                             | 14%                   | 10%                   | 9%                   |

|               | Base | Education                    |                                 |                       |                       |                      |
|---------------|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|               |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Turek / Ernst |      |                              |                                 |                       |                       |                      |
| Josh Turek    | 41%  | 29%                          | 42%                             | 30%                   | 48%                   | 60%                  |
| Joni Ernst    | 45%  | 53%                          | 43%                             | 53%                   | 42%                   | 32%                  |
| Not sure      | 14%  | 17%                          | 15%                             | 17%                   | 10%                   | 9%                   |

|  | Base | Education                    |                                 |                       |                       |                      |
|--|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|  |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Wahls Background Very / Somewhat / Not Very / Not At All Convincing Reason to Vote for Him |      |                              |                                 |                       |                       |                      |
| Very convincing  | 22%  | 21%                          | 22%                             | 16%                   | 24%                   | 25%                  |
| Somewhat convincing  | 30%  | 33%                          | 31%                             | 21%                   | 29%                   | 34%                  |
| Not very convincing  | 23%  | 14%                          | 32%                             | 29%                   | 22%                   | 18%                  |
| Not convincing at all  | 16%  | 22%                          | 6%                              | 17%                   | 16%                   | 17%                  |
| Not sure   | 10%  | 10%                          | 9%                              | 16%                   | 8%                    | 6%                   |

|                        | Base | Education                    |                                 |                       |                       |                      |
|------------------------|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|                        |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Informed Wahls / Ernst |      |                              |                                 |                       |                       |                      |
| Zach Wahls             | 45%  | 36%                          | 44%                             | 33%                   | 51%                   | 60%                  |
| Joni Ernst             | 43%  | 49%                          | 40%                             | 55%                   | 41%                   | 31%                  |
| Not sure               | 12%  | 15%                          | 16%                             | 12%                   | 8%                    | 9%                   |

|   | Base | Education                    |                                 |                       |                       |                      |
|---|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|   |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Sage Background<br>Very / Somewhat / Not Very / Not At All<br>Convincing Reason to Vote for Him |      |                              |                                 |                       |                       |                      |
| Very convincing   | 16%  | 10%                          | 18%                             | 11%                   | 20%                   | 23%                  |
| Somewhat convincing   | 29%  | 30%                          | 29%                             | 30%                   | 26%                   | 31%                  |
| Not very convincing   | 31%  | 31%                          | 34%                             | 28%                   | 32%                   | 29%                  |
| Not convincing at all   | 14%  | 20%                          | 4%                              | 16%                   | 15%                   | 13%                  |
| Not sure  | 10%  | 9%                           | 14%                             | 14%                   | 7%                    | 3%                   |

|                       | Base | Education                    |                                 |                       |                       |                      |
|-----------------------|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|                       |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Informed Sage / Ernst |      |                              |                                 |                       |                       |                      |
| Nathan Sage           | 42%  | 30%                          | 41%                             | 32%                   | 50%                   | 59%                  |
| Joni Ernst            | 44%  | 49%                          | 45%                             | 55%                   | 41%                   | 32%                  |
| Not sure              | 14%  | 21%                          | 14%                             | 13%                   | 9%                    | 9%                   |



|   | Base | Education                    |                                 |                       |                       |                      |
|---|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|   |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Norris Background<br>Very / Somewhat / Not Very / Not At All<br>Convincing Reason to Vote for Her |      |                              |                                 |                       |                       |                      |
| Very convincing   | 15%  | 9%                           | 14%                             | 15%                   | 18%                   | 22%                  |
| Somewhat convincing   | 23%  | 21%                          | 25%                             | 18%                   | 22%                   | 29%                  |
| Not very convincing   | 32%  | 35%                          | 34%                             | 32%                   | 29%                   | 32%                  |
| Not convincing at all   | 22%  | 31%                          | 14%                             | 24%                   | 26%                   | 14%                  |
| Not sure  | 7%   | 4%                           | 13%                             | 12%                   | 5%                    | 3%                   |

|                         | Base | Education                    |                                 |                       |                       |                      |
|-------------------------|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|                         |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Informed Norris / Ernst |      |                              |                                 |                       |                       |                      |
| Jackie Norris           | 43%  | 32%                          | 41%                             | 33%                   | 50%                   | 60%                  |
| Joni Ernst              | 44%  | 48%                          | 44%                             | 55%                   | 43%                   | 32%                  |
| Not sure                | 13%  | 20%                          | 15%                             | 12%                   | 7%                    | 7%                   |

|  | Base | Education                    |                                 |                       |                       |                      |
|--|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|  |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Turek Background<br>Very / Somewhat / Not Very / Not At All<br>Convincing Reason to Vote for Him |      |                              |                                 |                       |                       |                      |
| Very convincing  | 17%  | 12%                          | 14%                             | 12%                   | 22%                   | 25%                  |
| Somewhat convincing  | 28%  | 34%                          | 28%                             | 24%                   | 20%                   | 33%                  |
| Not very convincing  | 32%  | 26%                          | 40%                             | 38%                   | 31%                   | 27%                  |
| Not convincing at all  | 16%  | 23%                          | 5%                              | 14%                   | 22%                   | 14%                  |
| Not sure   | 7%   | 4%                           | 13%                             | 12%                   | 5%                    | 1%                   |

|                        | Base | Education                    |                                 |                       |                       |                      |
|------------------------|------|------------------------------|---------------------------------|-----------------------|-----------------------|----------------------|
|                        |      | High school graduate or less | Some college but did not finish | 2-year college degree | 4-year college degree | Post-graduate degree |
| Informed Turek / Ernst |      |                              |                                 |                       |                       |                      |
| Josh Turek             | 43%  | 30%                          | 45%                             | 33%                   | 49%                   | 61%                  |
| Joni Ernst             | 44%  | 49%                          | 42%                             | 53%                   | 43%                   | 33%                  |
| Not sure               | 13%  | 21%                          | 14%                             | 14%                   | 7%                    | 7%                   |

|                    | Base | Mode     |      |
|--------------------|------|----------|------|
|                    |      | Landline | Text |
| Trump Favorability |      |          |      |
| Favorable          | 50%  | 50%      | 50%  |
| Unfavorable        | 46%  | 46%      | 46%  |
| Not sure           | 4%   | 4%       | 4%   |

|                           | Base | Mode     |      |
|---------------------------|------|----------|------|
|                           |      | Landline | Text |
| <b>Ernst Favorability</b> |      |          |      |
| Favorable                 | 37%  | 47%      | 33%  |
| Unfavorable               | 50%  | 47%      | 52%  |
| Not sure                  | 12%  | 6%       | 15%  |

|                      | Base | Mode     |      |
|----------------------|------|----------|------|
|                      |      | Landline | Text |
| <b>Wahls / Ernst</b> |      |          |      |
| Zach Wahls           | 42%  | 39%      | 43%  |
| Joni Ernst           | 43%  | 50%      | 39%  |
| Not sure             | 15%  | 11%      | 17%  |

|                     | Base | Mode     |      |
|---------------------|------|----------|------|
|                     |      | Landline | Text |
| <b>Sage / Ernst</b> |      |          |      |
| Nathan Sage         | 41%  | 41%      | 41%  |
| Joni Ernst          | 45%  | 54%      | 41%  |
| Not sure            | 14%  | 4%       | 18%  |

|                       | Base | Mode     |      |
|-----------------------|------|----------|------|
|                       |      | Landline | Text |
| <b>Norris / Ernst</b> |      |          |      |
| Jackie Norris         | 42%  | 41%      | 42%  |
| Joni Ernst            | 45%  | 53%      | 42%  |
| Not sure              | 13%  | 6%       | 16%  |

|                      | Base | Mode     |      |
|----------------------|------|----------|------|
|                      |      | Landline | Text |
| <b>Turek / Ernst</b> |      |          |      |
| Josh Turek           | 41%  | 41%      | 42%  |
| Joni Ernst           | 45%  | 53%      | 41%  |
| Not sure             | 14%  | 5%       | 17%  |

|   | Base | Mode     |      |
|---|------|----------|------|
|   |      | Landline | Text |
| <b>Wahls Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |      |          |      |
| Very convincing   | 22%  | 26%      | 20%  |
| Somewhat convincing   | 30%  | 26%      | 32%  |
| Not very convincing   | 23%  | 26%      | 22%  |
| Not convincing at all   | 16%  | 14%      | 16%  |
| Not sure  | 10%  | 8%       | 10%  |

|                               | Base       | Mode       |            |
|-------------------------------|------------|------------|------------|
|                               |            | Landline   | Text       |
| <b>Informed Wahls / Ernst</b> |            |            |            |
| <b>Zach Wahls</b>             | <b>45%</b> | <b>43%</b> | <b>46%</b> |
| <b>Joni Ernst</b>             | <b>43%</b> | <b>51%</b> | <b>39%</b> |
| <b>Not sure</b>               | <b>12%</b> | <b>6%</b>  | <b>15%</b> |

|  | Base       | Mode       |            |
|--|------------|------------|------------|
|  |            | Landline   | Text       |
| <b>Sage Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |            |            |            |
| <b>Very convincing</b>   | <b>16%</b> | <b>13%</b> | <b>18%</b> |
| <b>Somewhat convincing</b>   | <b>29%</b> | <b>33%</b> | <b>28%</b> |
| <b>Not very convincing</b>   | <b>31%</b> | <b>38%</b> | <b>28%</b> |
| <b>Not convincing at all</b>   | <b>14%</b> | <b>13%</b> | <b>14%</b> |
| <b>Not sure</b>  | <b>10%</b> | <b>4%</b>  | <b>12%</b> |

|                              | Base       | Mode       |            |
|------------------------------|------------|------------|------------|
|                              |            | Landline   | Text       |
| <b>Informed Sage / Ernst</b> |            |            |            |
| <b>Nathan Sage</b>           | <b>42%</b> | <b>41%</b> | <b>42%</b> |
| <b>Joni Ernst</b>            | <b>44%</b> | <b>51%</b> | <b>41%</b> |
| <b>Not sure</b>              | <b>14%</b> | <b>7%</b>  | <b>16%</b> |

|  | Base | Mode     |      |
|--|------|----------|------|
|  |      | Landline | Text |
| <b>Norris Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Her</b> |      |          |      |
| Very convincing  | 15%  | 15%      | 15%  |
| Somewhat convincing  | 23%  | 24%      | 22%  |
| Not very convincing  | 32%  | 36%      | 31%  |
| Not convincing at all  | 22%  | 22%      | 22%  |
| Not sure   | 7%   | 3%       | 9%   |

|                                    | Base | Mode     |      |
|------------------------------------|------|----------|------|
|                                    |      | Landline | Text |
| <b>Informed Norris /<br/>Ernst</b> |      |          |      |
| Jackie Norris                      | 43%  | 41%      | 44%  |
| Joni Ernst                         | 44%  | 50%      | 42%  |
| Not sure                           | 13%  | 8%       | 15%  |

|   | Base | Mode     |      |
|---|------|----------|------|
|   |      | Landline | Text |
| <b>Turek Background<br/>Very / Somewhat / Not<br/>Very / Not At All<br/>Convincing Reason to<br/>Vote for Him</b> |      |          |      |
| Very convincing   | 17%  | 14%      | 18%  |
| Somewhat convincing   | 28%  | 26%      | 28%  |
| Not very convincing   | 32%  | 44%      | 27%  |
| Not convincing at all   | 16%  | 15%      | 17%  |
| Not sure  | 7%   | 1%       | 10%  |

|                               | Base | Mode     |      |
|-------------------------------|------|----------|------|
|                               |      | Landline | Text |
| <b>Informed Turek / Ernst</b> |      |          |      |
| Josh Turek                    | 43%  | 42%      | 44%  |
| Joni Ernst                    | 44%  | 50%      | 41%  |
| Not sure                      | 13%  | 8%       | 15%  |