**1) Snakes and other reptiles that live in zoos are fed whole rodents that were bred on large farms. Do you agree or disagree that zoos should make sure that basic welfare standards are kept at these farms, even if it increases the cost of the rodents?**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 21 | 23 | 24 | 14 | 28 | 14 |
| Somewhat agree | 30 | 23 | 30 | 40 | 24 | 36 |
| Somewhat disagree | 15 | 18 | 12 | 15 | 16 | 14 |
| Strongly disagree | 9 | 4 | 11 | 13 | 4 | 14 |
| Don't know | 25 | 33 | 23 | 19 | 28 | 22 |

**1) Snakes and other reptiles that live in zoos are fed whole rodents that were bred on large farms. Do you agree or disagree that zoos should make sure that basic welfare standards are kept at these farms, even if it increases the cost of the rodents?**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 26 | 19 | 37 | 19 | 28 | 22 | 11 | 22 | 20 | 10 | 35 | 21 |
| Somewhat agree | 21 | 37 | 31 | 31 | 34 | 29 | 27 | 34 | 28 | 27 | 36 | 29 |
| Somewhat disagree | 17 | 13 | 5 | 16 | 10 | 15 | 19 | 13 | 15 | 22 | 8 | 13 |
| Strongly disagree | 7 | 1 | 9 | 10 | 2 | 11 | 14 | 11 | 7 | 16 | 2 | 7 |
| Don't know | 29 | 31 | 18 | 25 | 25 | 23 | 29 | 20 | 29 | 25 | 19 | 29 |

**2) Which comes closer to your view?**

| | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Industrialization in animal farming has been ne... | 46 | 53 | 48 | 34 | 54 | 38 |
| Industrialization in animal farming has been po... | 54 | 47 | 52 | 66 | 46 | 62 |

**2) Which comes closer to your view?**

| | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Industrialization in animal farming has been ne... | 49 | 45 | 49 | 46 | 55 | 48 | 33 | 40 | 50 | 32 | 65 | 46 |
| Industrialization in animal farming has been po... | 51 | 55 | 51 | 54 | 45 | 52 | 67 | 60 | 50 | 68 | 35 | 54 |

**3) How much do you agree with the following statements:  Technology is one of the most important ways to reduce the risks of climate change**

| | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 22 | 18 | 22 | 28 | 18 | 27 |
| Somewhat agree | 26 | 23 | 26 | 28 | 24 | 27 |
| Somewhat disagree | 16 | 21 | 17 | 9 | 19 | 13 |
| Strongly disagree | 16 | 12 | 16 | 23 | 14 | 18 |
| Don't know | 20 | 27 | 19 | 12 | 25 | 15 |

**3) How much do you agree with the following statements:  Technology is one of the most important ways to reduce the risks of climate change**

| | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 15 | 33 | 39 | 20 | 37 | 18 | 10 | 32 | 16 | 11 | 45 | 17 |
| Somewhat agree | 24 | 13 | 22 | 28 | 35 | 24 | 17 | 28 | 24 | 20 | 35 | 24 |
| Somewhat disagree | 18 | 23 | 13 | 15 | 10 | 17 | 22 | 13 | 18 | 21 | 10 | 17 |
| Strongly disagree | 9 | 8 | 9 | 19 | 2 | 14 | 34 | 15 | 17 | 34 | 0 | 12 |
| Don't know | 33 | 23 | 17 | 18 | 16 | 27 | 17 | 12 | 24 | 14 | 10 | 31 |

**4) How much do you agree with the following statements:  Technology is one of the most important ways to reduce the inhumane treatment of farm animals**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 16 | 11 | 13 | 25 | 13 | 18 |
| Somewhat agree | 31 | 20 | 38 | 36 | 24 | 38 |
| Somewhat disagree | 16 | 21 | 13 | 14 | 20 | 13 |
| Strongly disagree | 13 | 16 | 13 | 9 | 15 | 11 |
| Don't know | 24 | 32 | 23 | 16 | 28 | 20 |

**4) How much do you agree with the following statements:  Technology is one of the most important ways to reduce the inhumane treatment of farm animals**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 11 | 14 | 29 | 15 | 20 | 13 | 14 | 19 | 13 | 17 | 20 | 12 |
| Somewhat agree | 19 | 38 | 29 | 32 | 39 | 29 | 25 | 35 | 29 | 28 | 38 | 29 |
| Somewhat disagree | 24 | 12 | 11 | 16 | 15 | 17 | 17 | 13 | 18 | 17 | 13 | 17 |
| Strongly disagree | 8 | 19 | 8 | 13 | 6 | 14 | 20 | 13 | 13 | 19 | 6 | 13 |
| Don't know | 38 | 17 | 23 | 23 | 20 | 28 | 25 | 20 | 27 | 19 | 23 | 30 |

**5) How much do you agree with the following: America is a leader in technological innovation**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 22 | 14 | 20 | 33 | 18 | 25 |
| Somewhat agree | 37 | 28 | 42 | 43 | 31 | 44 |
| Somewhat disagree | 18 | 25 | 18 | 10 | 23 | 14 |
| Strongly disagree | 7 | 11 | 8 | 1 | 9 | 5 |
| Don't know | 16 | 21 | 12 | 13 | 18 | 13 |

**5) How much do you agree with the following: America is a leader in technological innovation**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 16 | 13 | 29 | 23 | 26 | 18 | 20 | 29 | 17 | 20 | 27 | 19 |
| Somewhat agree | 27 | 45 | 38 | 38 | 49 | 34 | 29 | 43 | 34 | 35 | 45 | 35 |
| Somewhat disagree | 23 | 18 | 12 | 18 | 12 | 24 | 19 | 18 | 19 | 18 | 16 | 21 |
| Strongly disagree | 1 | 17 | 4 | 7 | 2 | 6 | 13 | 3 | 9 | 12 | 3 | 6 |
| Don't know | 33 | 7 | 17 | 14 | 12 | 17 | 18 | 8 | 20 | 15 | 9 | 20 |

**6) How much do you agree with the following: America is a leader in agricultural innovation**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 24 | 15 | 22 | 38 | 19 | 29 |
| Somewhat agree | 37 | 24 | 44 | 45 | 33 | 42 |
| Somewhat disagree | 13 | 19 | 10 | 7 | 17 | 9 |
| Strongly disagree | 7 | 10 | 8 | 0 | 6 | 7 |
| Don't know | 19 | 30 | 16 | 10 | 25 | 14 |

**6) How much do you agree with the following: America is a leader in agricultural innovation**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 22 | 22 | 25 | 25 | 27 | 20 | 25 | 33 | 19 | 26 | 27 | 21 |
| Somewhat agree | 28 | 33 | 42 | 38 | 42 | 37 | 31 | 41 | 35 | 39 | 45 | 31 |
| Somewhat disagree | 15 | 14 | 6 | 13 | 8 | 16 | 16 | 11 | 14 | 13 | 11 | 14 |
| Strongly disagree | 4 | 13 | 4 | 6 | 3 | 8 | 9 | 4 | 8 | 8 | 0 | 10 |
| Don't know | 32 | 18 | 23 | 18 | 20 | 19 | 19 | 11 | 24 | 14 | 17 | 25 |

**7) How much do you agree with the following: It's important that America remains a leader when it comes to technologies that can improve animal welfare**

| | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 35 | 22 | 41 | 44 | 32 | 37 |
| Somewhat agree | 36 | 32 | 36 | 41 | 34 | 38 |
| Somewhat disagree | 8 | 12 | 7 | 3 | 9 | 6 |
| Strongly disagree | 4 | 8 | 2 | 2 | 5 | 3 |
| Don't know | 17 | 25 | 14 | 10 | 19 | 15 |

**7) How much do you agree with the following: It's important that America remains a leader when it comes to technologies that can improve animal welfare**

| | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 23 | 34 | 50 | 35 | 45 | 27 | 33 | 44 | 29 | 34 | 49 | 27 |
| Somewhat agree | 24 | 43 | 29 | 37 | 36 | 41 | 30 | 33 | 38 | 33 | 36 | 38 |
| Somewhat disagree | 12 | 5 | 6 | 8 | 6 | 6 | 11 | 5 | 9 | 10 | 6 | 7 |
| Strongly disagree | 4 | 10 | 0 | 4 | 1 | 6 | 6 | 4 | 4 | 8 | 2 | 3 |
| Don't know | 37 | 7 | 14 | 16 | 12 | 19 | 20 | 13 | 19 | 15 | 8 | 25 |

**8) How much do you agree with the following: It is important for the United States to be the global leader when it comes to agricultural innovation**

|                   | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|-------------------|-----|----------|----------|-----|--------|------|
| Strongly agree    | 40  | 26       | 43       | 54  | 32     | 48   |
| Somewhat agree    | 33  | 27       | 37       | 36  | 34     | 32   |
| Somewhat disagree | 9   | 19       | 5        | 2   | 11     | 7    |
| Strongly disagree | 4   | 6        | 3        | 2   | 4      | 4    |
| Don't know        | 14  | 22       | 13       | 7   | 19     | 9    |

**8) How much do you agree with the following: It is important for the United States to be the global leader when it comes to agricultural innovation**

|                   | Black | Latino/a | Other | White | D  | I  | R  | college | non-college | Conservative | Liberal | Moderate |
|-------------------|-------|----------|-------|-------|----|----|----|---------|-------------|--------------|---------|----------|
| Strongly agree    | 30    | 28       | 40    | 43    | 39 | 37 | 44 | 49      | 34          | 44           | 40      | 36       |
| Somewhat agree    | 24    | 38       | 38    | 33    | 40 | 32 | 26 | 37      | 31          | 35           | 43      | 26       |
| Somewhat disagree | 13    | 9        | 8     | 8     | 8  | 9  | 10 | 4       | 12          | 8            | 5       | 12       |
| Strongly disagree | 0     | 16       | 0     | 3     | 1  | 5  | 5  | 3       | 4           | 4            | 3       | 5        |
| Don't know        | 33    | 7        | 14    | 13    | 12 | 17 | 14 | 7       | 19          | 9            | 10      | 21       |

**9) It's sometimes stated that America is always 10-15 years behind Europe when it comes to agricultural innovation, especially around animal welfare. How important to you is it that America be a leader in agricultural innovation?**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Extremely important | 22 | 24 | 21 | 21 | 23 | 21 |
| Very important | 29 | 22 | 33 | 34 | 29 | 30 |
| Somewhat important | 38 | 40 | 35 | 39 | 37 | 39 |
| Not at all important | 11 | 14 | 11 | 6 | 11 | 10 |

**9) It's sometimes stated that America is always 10-15 years behind Europe when it comes to agricultural innovation, especially around animal welfare. How important to you is it that America be a leader in agricultural innovation?**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Extremely important | 24 | 15 | 36 | 21 | 26 | 15 | 26 | 23 | 22 | 23 | 27 | 19 |
| Very important | 18 | 43 | 15 | 31 | 33 | 23 | 32 | 29 | 29 | 27 | 36 | 27 |
| Somewhat important | 40 | 30 | 37 | 39 | 33 | 51 | 29 | 40 | 36 | 39 | 28 | 43 |
| Not at all important | 18 | 12 | 12 | 9 | 8 | 11 | 13 | 7 | 12 | 12 | 8 | 11 |

**10) How responsible is each group for addressing environmental harms like climate change? Consumers**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Extremely responsible | 25 | 24 | 24 | 28 | 26 | 24 |
| Very responsible | 26 | 26 | 26 | 26 | 28 | 24 |
| Somewhat responsible | 32 | 33 | 32 | 29 | 32 | 31 |
| Not at all responsible | 17 | 17 | 17 | 18 | 14 | 21 |

**10) How responsible is each group for addressing environmental harms like climate change? Consumers**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Extremely responsible | 26 | 27 | 33 | 24 | 38 | 21 | 16 | 28 | 23 | 12 | 44 | 23 |
| Very responsible | 24 | 30 | 24 | 26 | 29 | 29 | 20 | 24 | 28 | 20 | 26 | 31 |
| Somewhat responsible | 32 | 30 | 24 | 33 | 30 | 31 | 35 | 32 | 31 | 39 | 28 | 28 |
| Not at all responsible | 18 | 13 | 18 | 18 | 4 | 20 | 30 | 16 | 18 | 29 | 2 | 17 |

**11) How responsible is each group for addressing environmental harms like climate change? Food companies**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Extremely responsible | 38 | 37 | 43 | 31 | 40 | 35 |
| Very responsible | 25 | 24 | 22 | 31 | 25 | 25 |
| Somewhat responsible | 24 | 30 | 21 | 20 | 25 | 22 |
| Not at all responsible | 13 | 10 | 13 | 18 | 10 | 17 |

**11) How responsible is each group for addressing environmental harms like climate change? Food companies**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Extremely responsible | 53 | 54 | 41 | 33 | 61 | 28 | 22 | 41 | 36 | 19 | 71 | 31 |
| Very responsible | 14 | 17 | 22 | 28 | 25 | 28 | 22 | 24 | 26 | 20 | 25 | 29 |
| Somewhat responsible | 20 | 26 | 19 | 25 | 13 | 28 | 32 | 22 | 25 | 34 | 4 | 28 |
| Not at all responsible | 14 | 3 | 18 | 14 | 1 | 17 | 24 | 13 | 14 | 26 | 0 | 11 |

**12) How responsible is each group for addressing environmental harms like climate change? Government**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Extremely responsible | 39 | 36 | 44 | 37 | 42 | 36 |
| Very responsible | 24 | 26 | 22 | 24 | 23 | 25 |
| Somewhat responsible | 21 | 26 | 17 | 21 | 24 | 19 |
| Not at all responsible | 16 | 12 | 18 | 18 | 10 | 21 |

**12) How responsible is each group for addressing environmental harms like climate change? Government**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Extremely responsible | 49 | 46 | 42 | 36 | 61 | 31 | 23 | 45 | 35 | 19 | 72 | 34 |
| Very responsible | 28 | 22 | 24 | 23 | 27 | 28 | 16 | 21 | 25 | 18 | 23 | 29 |
| Somewhat responsible | 18 | 19 | 17 | 23 | 11 | 20 | 35 | 16 | 24 | 33 | 5 | 22 |
| Not at all responsible | 5 | 13 | 17 | 17 | 1 | 21 | 26 | 17 | 15 | 30 | 0 | 14 |

**13) How responsible is each group for ensuring that animals on farms are treated humanely?  Consumers**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Extremely responsible | 21 | 22 | 18 | 25 | 23 | 20 |
| Very responsible | 28 | 27 | 28 | 29 | 29 | 27 |
| Somewhat responsible | 35 | 40 | 38 | 27 | 36 | 35 |
| Not at all responsible | 15 | 11 | 15 | 20 | 12 | 18 |

**13) How responsible is each group for ensuring that animals on farms are treated humanely?  Consumers**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Extremely responsible | 29 | 21 | 24 | 20 | 31 | 17 | 15 | 22 | 21 | 14 | 37 | 18 |
| Very responsible | 20 | 26 | 27 | 30 | 31 | 30 | 23 | 30 | 27 | 23 | 29 | 32 |
| Somewhat responsible | 37 | 42 | 31 | 35 | 35 | 37 | 35 | 35 | 35 | 38 | 30 | 37 |
| Not at all responsible | 13 | 11 | 18 | 15 | 3 | 16 | 27 | 13 | 16 | 26 | 5 | 13 |

**14) How responsible is each group for ensuring that animals on farms are treated humanely?  Food companies**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Extremely responsible | 44 | 40 | 50 | 41 | 43 | 44 |
| Very responsible | 32 | 32 | 29 | 35 | 31 | 33 |
| Somewhat responsible | 18 | 21 | 14 | 17 | 20 | 15 |
| Not at all responsible | 7 | 6 | 7 | 8 | 5 | 8 |

**14) How responsible is each group for ensuring that animals on farms are treated humanely?  Food companies**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Extremely responsible | 49 | 45 | 49 | 42 | 61 | 38 | 30 | 50 | 40 | 29 | 76 | 36 |
| Very responsible | 30 | 34 | 32 | 32 | 30 | 35 | 30 | 27 | 34 | 33 | 23 | 37 |
| Somewhat responsible | 17 | 19 | 2 | 19 | 8 | 18 | 28 | 17 | 18 | 26 | 2 | 21 |
| Not at all responsible | 4 | 2 | 17 | 7 | 1 | 9 | 11 | 6 | 7 | 13 | 0 | 7 |

**15) How responsible is each group for ensuring that animals on farms are treated humanely?  Government**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Extremely responsible | 39 | 40 | 41 | 35 | 45 | 34 |
| Very responsible | 27 | 24 | 27 | 30 | 23 | 31 |
| Somewhat responsible | 23 | 27 | 21 | 22 | 24 | 23 |
| Not at all responsible | 11 | 9 | 11 | 13 | 9 | 13 |

**15) How responsible is each group for ensuring that animals on farms are treated humanely?  Government**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Extremely responsible | 44 | 60 | 42 | 36 | 59 | 33 | 24 | 38 | 40 | 22 | 66 | 36 |
| Very responsible | 29 | 17 | 29 | 28 | 30 | 28 | 22 | 26 | 27 | 22 | 29 | 30 |
| Somewhat responsible | 17 | 24 | 13 | 25 | 9 | 28 | 34 | 27 | 21 | 38 | 5 | 23 |
| Not at all responsible | 11 | 0 | 17 | 11 | 3 | 11 | 20 | 9 | 12 | 19 | 0 | 11 |

**16) In the United States egg industry, male chicks are killed at birth because they have no economic use. The practice is called "chick culling." Which comes closer to your view:**

| | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Consumers should stop eating eggs | 3 | 6 | 3 | 0 | 3 | 3 |
| Government should ban it | 22 | 33 | 18 | 12 | 28 | 16 |
| This practice is acceptable and should continue | 21 | 15 | 19 | 30 | 13 | 29 |
| Egg companies should develop technology to prev... | 35 | 29 | 39 | 39 | 35 | 36 |
| Consumers should only buy eggs from companies t... | 19 | 16 | 21 | 19 | 21 | 17 |

**16) In the United States egg industry, male chicks are killed at birth because they have no economic use. The practice is called "chick culling." Which comes closer to your view:**

| | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Consumers should stop eating eggs | 0 | 9 | 4 | 3 | 4 | 5 | 1 | 2 | 4 | 3 | 2 | 4 |
| Government should ban it | 29 | 7 | 39 | 21 | 21 | 23 | 22 | 15 | 26 | 16 | 22 | 27 |
| This practice is acceptable and should continue | 19 | 9 | 16 | 23 | 9 | 27 | 26 | 28 | 16 | 31 | 11 | 19 |
| Egg companies should develop technology to prev... | 26 | 35 | 22 | 38 | 42 | 31 | 32 | 37 | 34 | 29 | 47 | 33 |
| Consumers should only buy eggs from companies t... | 25 | 41 | 19 | 15 | 24 | 14 | 18 | 18 | 19 | 21 | 19 | 17 |

**17) How much do you agree or disagree with the following statements about farm animal welfare? I am comfortable with the humane-ness of current animal farming practices in the US**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 10 | 8 | 12 | 10 | 10 | 10 |
| Somewhat agree | 26 | 26 | 19 | 36 | 20 | 32 |
| Neither agree nor disagree | 42 | 43 | 47 | 35 | 42 | 42 |
| Somewhat disagree | 12 | 9 | 14 | 13 | 11 | 12 |
| Strongly disagree | 10 | 14 | 9 | 5 | 16 | 4 |

**17) How much do you agree or disagree with the following statements about farm animal welfare? I am comfortable with the humane-ness of current animal farming practices in the US**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 19 | 16 | 10 | 8 | 8 | 11 | 11 | 8 | 11 | 14 | 7 | 8 |
| Somewhat agree | 20 | 27 | 39 | 26 | 17 | 26 | 38 | 29 | 25 | 35 | 14 | 27 |
| Neither agree nor disagree | 49 | 45 | 21 | 43 | 42 | 47 | 37 | 40 | 43 | 38 | 38 | 48 |
| Somewhat disagree | 6 | 0 | 13 | 14 | 20 | 10 | 5 | 15 | 10 | 5 | 27 | 8 |
| Strongly disagree | 7 | 12 | 16 | 9 | 13 | 7 | 10 | 8 | 11 | 7 | 14 | 9 |

**18) How much do you agree or disagree with the following statements about farm animal welfare? I have been hesitant in the past to buy meat, dairy, or eggs because of things I've heard about the way animals are treated**

| | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 12 | 18 | 8 | 9 | 16 | 8 |
| Somewhat agree | 18 | 19 | 19 | 15 | 20 | 15 |
| Neither agree nor disagree | 32 | 34 | 30 | 31 | 33 | 31 |
| Somewhat disagree | 17 | 14 | 17 | 21 | 14 | 20 |
| Strongly disagree | 21 | 16 | 25 | 24 | 17 | 26 |

**18) How much do you agree or disagree with the following statements about farm animal welfare? I have been hesitant in the past to buy meat, dairy, or eggs because of things I've heard about the way animals are treated**

| | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 11 | 11 | 20 | 11 | 18 | 9 | 8 | 11 | 13 | 9 | 16 | 11 |
| Somewhat agree | 10 | 21 | 28 | 18 | 20 | 20 | 13 | 18 | 18 | 16 | 25 | 16 |
| Neither agree nor disagree | 52 | 22 | 27 | 31 | 35 | 35 | 26 | 27 | 35 | 23 | 32 | 39 |
| Somewhat disagree | 8 | 35 | 1 | 17 | 18 | 15 | 17 | 19 | 16 | 22 | 13 | 15 |
| Strongly disagree | 19 | 10 | 24 | 23 | 9 | 22 | 36 | 26 | 19 | 31 | 14 | 19 |

**19) How much do you agree or disagree with the following statements about farm animal welfare? I believe it's important for food companies to find new ways to guarantee the humane treatment of animals on farm**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 38 | 39 | 39 | 34 | 45 | 30 |
| Somewhat agree | 28 | 26 | 26 | 32 | 23 | 33 |
| Neither agree nor disagree | 29 | 32 | 29 | 24 | 29 | 29 |
| Somewhat disagree | 2 | 0 | 3 | 2 | 2 | 1 |
| Strongly disagree | 4 | 4 | 3 | 8 | 1 | 8 |

**19) How much do you agree or disagree with the following statements about farm animal welfare? I believe it's important for food companies to find new ways to guarantee the humane treatment of animals on farm**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 43 | 30 | 29 | 39 | 53 | 34 | 24 | 36 | 38 | 22 | 64 | 33 |
| Somewhat agree | 21 | 42 | 28 | 27 | 27 | 28 | 28 | 34 | 24 | 26 | 24 | 31 |
| Neither agree nor disagree | 31 | 28 | 32 | 28 | 19 | 31 | 37 | 24 | 31 | 42 | 11 | 29 |
| Somewhat disagree | 1 | 0 | 0 | 2 | 0 | 2 | 3 | 1 | 2 | 4 | 0 | 1 |
| Strongly disagree | 4 | 0 | 11 | 4 | 0 | 6 | 8 | 4 | 5 | 7 | 0 | 5 |

**20) How much do you agree or disagree with the following statements about farm animal welfare? Food companies should adopt technology that improves animal welfare even if it increases their costs**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 29 | 29 | 32 | 27 | 36 | 22 |
| Somewhat agree | 31 | 31 | 26 | 36 | 28 | 33 |
| Neither agree nor disagree | 31 | 32 | 35 | 24 | 31 | 31 |
| Somewhat disagree | 5 | 5 | 3 | 6 | 3 | 6 |
| Strongly disagree | 5 | 3 | 4 | 7 | 2 | 7 |

**20) How much do you agree or disagree with the following statements about farm animal welfare? Food companies should adopt technology that improves animal welfare even if it increases their costs**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 25 | 28 | 52 | 28 | 39 | 30 | 18 | 31 | 28 | 17 | 53 | 24 |
| Somewhat agree | 27 | 44 | 18 | 31 | 36 | 27 | 29 | 31 | 30 | 28 | 30 | 33 |
| Neither agree nor disagree | 41 | 27 | 18 | 31 | 24 | 30 | 40 | 30 | 32 | 39 | 15 | 35 |
| Somewhat disagree | 0 | 1 | 0 | 6 | 0 | 8 | 5 | 3 | 5 | 7 | 0 | 6 |
| Strongly disagree | 7 | 0 | 13 | 4 | 1 | 5 | 8 | 4 | 5 | 9 | 2 | 3 |

**21) How much do you agree or disagree with the following statements about farm animal welfare? I am willing to pay more for foods that are produced more humanely**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 24 | 24 | 27 | 21 | 32 | 16 |
| Somewhat agree | 26 | 27 | 22 | 29 | 21 | 30 |
| Neither agree nor disagree | 32 | 37 | 32 | 26 | 34 | 31 |
| Somewhat disagree | 8 | 5 | 10 | 9 | 7 | 9 |
| Strongly disagree | 10 | 6 | 10 | 14 | 6 | 13 |

**21) How much do you agree or disagree with the following statements about farm animal welfare? I am willing to pay more for foods that are produced more humanely**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 21 | 28 | 22 | 24 | 35 | 22 | 14 | 25 | 23 | 12 | 48 | 19 |
| Somewhat agree | 22 | 27 | 31 | 25 | 32 | 25 | 19 | 29 | 24 | 23 | 30 | 24 |
| Neither agree nor disagree | 38 | 30 | 30 | 32 | 25 | 34 | 39 | 30 | 34 | 34 | 14 | 43 |
| Somewhat disagree | 3 | 8 | 0 | 10 | 4 | 8 | 12 | 8 | 8 | 13 | 3 | 7 |
| Strongly disagree | 16 | 7 | 17 | 9 | 4 | 10 | 17 | 9 | 11 | 18 | 5 | 7 |

**22) How much do you agree or disagree with the following statements about farm animal welfare? The government should pass laws to ban abusive practices on farms even if it increases costs**

| | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 29 | 28 | 32 | 26 | 37 | 21 |
| Somewhat agree | 24 | 21 | 25 | 28 | 22 | 26 |
| Neither agree nor disagree | 30 | 39 | 25 | 24 | 31 | 29 |
| Somewhat disagree | 7 | 3 | 8 | 9 | 4 | 9 |
| Strongly disagree | 10 | 9 | 9 | 13 | 6 | 15 |

**22) How much do you agree or disagree with the following statements about farm animal welfare? The government should pass laws to ban abusive practices on farms even if it increases costs**

| | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 26 | 27 | 41 | 28 | 42 | 26 | 17 | 29 | 28 | 17 | 52 | 24 |
| Somewhat agree | 16 | 34 | 15 | 25 | 30 | 25 | 17 | 32 | 20 | 19 | 30 | 25 |
| Neither agree nor disagree | 42 | 26 | 24 | 29 | 24 | 30 | 36 | 22 | 34 | 32 | 14 | 38 |
| Somewhat disagree | 6 | 2 | 7 | 8 | 2 | 8 | 11 | 10 | 5 | 13 | 2 | 5 |
| Strongly disagree | 10 | 11 | 13 | 10 | 2 | 11 | 19 | 7 | 12 | 19 | 3 | 8 |

**23) How much do you agree or disagree with the following statements about farm animal welfare? If the government has to pass laws to protect animal welfare, companies have failed to do their job**

| | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly agree | 32 | 31 | 34 | 30 | 35 | 28 |
| Somewhat agree | 27 | 27 | 23 | 34 | 23 | 32 |
| Neither agree nor disagree | 30 | 34 | 32 | 25 | 35 | 26 |
| Somewhat disagree | 3 | 3 | 2 | 5 | 3 | 3 |
| Strongly disagree | 7 | 6 | 9 | 6 | 4 | 10 |

**23) How much do you agree or disagree with the following statements about farm animal welfare? If the government has to pass laws to protect animal welfare, companies have failed to do their job**

| | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly agree | 29 | 29 | 42 | 31 | 46 | 22 | 27 | 33 | 31 | 26 | 56 | 22 |
| Somewhat agree | 24 | 34 | 23 | 28 | 29 | 30 | 23 | 36 | 23 | 21 | 26 | 34 |
| Neither agree nor disagree | 35 | 27 | 18 | 32 | 20 | 37 | 36 | 23 | 35 | 37 | 13 | 36 |
| Somewhat disagree | 0 | 4 | 4 | 4 | 2 | 2 | 5 | 3 | 3 | 6 | 1 | 2 |
| Strongly disagree | 12 | 7 | 13 | 6 | 4 | 9 | 9 | 6 | 7 | 10 | 4 | 6 |

**24) When thinking about technological advances in animal farming, which comes closer to your view?**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Companies should focus on using technology to e... | 74 | 79 | 71 | 71 | 75 | 73 |
| Companies should focus on using technology to l... | 26 | 21 | 29 | 29 | 25 | 27 |

**24) When thinking about technological advances in animal farming, which comes closer to your view?**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Companies should focus on using technology to e... | 74 | 79 | 76 | 73 | 86 | 75 | 58 | 73 | 74 | 63 | 86 | 74 |
| Companies should focus on using technology to l... | 26 | 21 | 24 | 27 | 14 | 25 | 42 | 27 | 26 | 37 | 14 | 26 |

**25) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using gene-editing to make animals grow larger, so that more meat is produced**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 42 | 44 | 35 | 48 | 34 | 50 |
| Bad use of technology | 58 | 56 | 65 | 52 | 66 | 50 |

**25) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using gene-editing to make animals grow larger, so that more meat is produced**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 37 | 65 | 44 | 39 | 43 | 48 | 33 | 49 | 38 | 40 | 43 | 43 |
| Bad use of technology | 63 | 35 | 56 | 61 | 57 | 52 | 67 | 51 | 62 | 60 | 57 | 57 |

**26) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using gene-editing to prevent avian influenza**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 71 | 58 | 74 | 83 | 70 | 71 |
| Bad use of technology | 29 | 42 | 26 | 17 | 30 | 29 |

**26) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using gene-editing to prevent avian influenza**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 52 | 74 | 67 | 73 | 78 | 69 | 63 | 77 | 67 | 62 | 83 | 70 |
| Bad use of technology | 48 | 26 | 33 | 27 | 22 | 31 | 37 | 23 | 33 | 38 | 17 | 30 |

**27) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using gene-editing to create animals that feel less fear, stress, and anxiety**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 53 | 52 | 48 | 61 | 51 | 55 |
| Bad use of technology | 47 | 48 | 52 | 39 | 49 | 45 |

**27) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using gene-editing to create animals that feel less fear, stress, and anxiety**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 53 | 55 | 67 | 51 | 62 | 52 | 45 | 59 | 50 | 44 | 62 | 55 |
| Bad use of technology | 47 | 45 | 33 | 49 | 38 | 48 | 55 | 41 | 50 | 56 | 38 | 45 |

**28) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using gene-editing to create animals that are always the same size, so that drumsticks are always the same size**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 30 | 34 | 28 | 26 | 27 | 33 |
| Bad use of technology | 70 | 66 | 72 | 74 | 73 | 67 |

**28) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using gene-editing to create animals that are always the same size, so that drumsticks are always the same size**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 35 | 33 | 48 | 27 | 36 | 25 | 28 | 33 | 28 | 27 | 30 | 31 |
| Bad use of technology | 65 | 67 | 52 | 73 | 64 | 75 | 72 | 67 | 72 | 73 | 70 | 69 |

**29) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using gene-editing to increase the number of eggs a hen produces**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 43 | 39 | 42 | 49 | 36 | 50 |
| Bad use of technology | 57 | 61 | 58 | 51 | 64 | 50 |

**29) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using gene-editing to increase the number of eggs a hen produces**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 40 | 76 | 49 | 38 | 47 | 42 | 39 | 48 | 39 | 44 | 47 | 39 |
| Bad use of technology | 60 | 24 | 51 | 62 | 53 | 58 | 61 | 52 | 61 | 56 | 53 | 61 |

**30) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing technology to hatch eggs on farm, so that live chicks don't have to be transported long distances**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 71 | 65 | 71 | 80 | 70 | 72 |
| Bad use of technology | 29 | 35 | 29 | 20 | 30 | 28 |

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 56 | 79 | 75 | 72 | 80 | 66 | 67 | 80 | 66 | 66 | 84 | 67 |
| Bad use of technology | 44 | 21 | 25 | 28 | 20 | 34 | 33 | 20 | 34 | 34 | 16 | 33 |

**31) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing portable slaughter machines, so that live chickens don't have to be transported long distances to slaughter**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 60 | 58 | 58 | 63 | 63 | 57 |
| Bad use of technology | 40 | 42 | 42 | 37 | 37 | 43 |

**31) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing portable slaughter machines, so that live chickens don't have to be transported long distances to slaughter**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 45 | 58 | 72 | 61 | 70 | 53 | 54 | 63 | 58 | 52 | 73 | 57 |
| Bad use of technology | 55 | 42 | 28 | 39 | 30 | 47 | 46 | 37 | 42 | 48 | 27 | 43 |

**32) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing mobile chicken coops, so that chickens consistently have fresh pasture to graze on**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 75 | 65 | 79 | 82 | 74 | 76 |
| Bad use of technology | 25 | 35 | 21 | 18 | 26 | 24 |

**32) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing mobile chicken coops, so that chickens consistently have fresh pasture to graze on**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 66 | 70 | 92 | 75 | 83 | 73 | 68 | 82 | 71 | 71 | 88 | 70 |
| Bad use of technology | 34 | 30 | 8 | 25 | 17 | 27 | 32 | 18 | 29 | 29 | 12 | 30 |

**33) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing technology that allows egg producers to hatch only female chickens, to avoid male chick culling (the common practice of killing of day-old male chicks because they don't lay eggs)**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 66 | 62 | 71 | 66 | 65 | 67 |
| Bad use of technology | 34 | 38 | 29 | 34 | 35 | 33 |

**33) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing technology that allows egg producers to hatch only female chickens, to avoid male chick culling (the common practice of killing of day-old male chicks because they don't lay eggs)**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 57 | 50 | 78 | 68 | 72 | 69 | 56 | 71 | 63 | 56 | 78 | 67 |
| Bad use of technology | 43 | 50 | 22 | 32 | 28 | 31 | 44 | 29 | 37 | 44 | 22 | 33 |

**34) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing technology to raise chickens in stackable platforms, so that more chickens can fit into a single barn**

| | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 40 | 43 | 35 | 40 | 39 | 41 |
| Bad use of technology | 60 | 57 | 65 | 60 | 61 | 59 |

**34) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing technology to raise chickens in stackable platforms, so that more chickens can fit into a single barn**

| | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 49 | 35 | 53 | 37 | 39 | 42 | 37 | 41 | 39 | 38 | 35 | 44 |
| Bad use of technology | 51 | 65 | 47 | 63 | 61 | 58 | 63 | 59 | 61 | 62 | 65 | 56 |

**35) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing machines that can electrically stun fish so they're unconscious before being slaughtered**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 58 | 53 | 55 | 67 | 54 | 62 |
| Bad use of technology | 42 | 47 | 45 | 33 | 46 | 38 |

**35) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing machines that can electrically stun fish so they're unconscious before being slaughtered**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 43 | 60 | 66 | 59 | 66 | 57 | 50 | 60 | 56 | 49 | 67 | 59 |
| Bad use of technology | 57 | 40 | 34 | 41 | 34 | 43 | 50 | 40 | 44 | 51 | 33 | 41 |

**36) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing a way to chemically castrate male pigs via a single injection, as an alternative to physically castrating them with a knife**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 66 | 64 | 65 | 70 | 67 | 64 |
| Bad use of technology | 34 | 36 | 35 | 30 | 33 | 36 |

**36) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Developing a way to chemically castrate male pigs via a single injection, as an alternative to physically castrating them with a knife**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 56 | 58 | 76 | 67 | 79 | 59 | 58 | 68 | 64 | 62 | 76 | 63 |
| Bad use of technology | 44 | 42 | 24 | 33 | 21 | 41 | 42 | 32 | 36 | 38 | 24 | 37 |

**37) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using AI and computer vision to monitor the health and welfare of each animal on the farm**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 71 | 67 | 74 | 73 | 74 | 68 |
| Bad use of technology | 29 | 33 | 26 | 27 | 26 | 32 |

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 65 | 81 | 80 | 70 | 82 | 71 | 60 | 76 | 68 | 60 | 89 | 69 |
| Bad use of technology | 35 | 19 | 20 | 30 | 18 | 29 | 40 | 24 | 32 | 40 | 11 | 31 |

**38) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using AI and computer vision to enforce laws around humane slaughter of animals**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 64 | 59 | 65 | 71 | 68 | 61 |
| Bad use of technology | 36 | 41 | 35 | 29 | 32 | 39 |

**38) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using AI and computer vision to enforce laws around humane slaughter of animals**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 58 | 76 | 73 | 63 | 82 | 59 | 51 | 72 | 60 | 50 | 85 | 63 |
| Bad use of technology | 42 | 24 | 27 | 37 | 18 | 41 | 49 | 28 | 40 | 50 | 15 | 37 |

**39) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using AI and computer vision to detect and prevent disease in farm animals**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 79 | 73 | 81 | 85 | 80 | 78 |
| Bad use of technology | 21 | 27 | 19 | 15 | 20 | 22 |

**39) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using AI and computer vision to detect and prevent disease in farm animals**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 67 | 73 | 87 | 81 | 88 | 81 | 68 | 87 | 75 | 68 | 93 | 79 |
| Bad use of technology | 33 | 27 | 13 | 19 | 12 | 19 | 32 | 13 | 25 | 32 | 7 | 21 |

**40) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using AI and computer vision to increase the number of animals that can fit in a single barn**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 42 | 40 | 45 | 42 | 40 | 45 |
| Bad use of technology | 58 | 60 | 55 | 58 | 60 | 55 |

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 42 | 44 | 60 | 41 | 43 | 45 | 40 | 43 | 42 | 46 | 38 | 43 |
| Bad use of technology | 58 | 56 | 40 | 59 | 57 | 55 | 60 | 57 | 58 | 54 | 62 | 57 |

**41) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using AI and computer vision to identify the sex of day-old chicks, so that humans don't have to do it manually**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Good use of technology | 66 | 64 | 66 | 69 | 65 | 68 |
| Bad use of technology | 34 | 36 | 34 | 31 | 35 | 32 |

**41) Below are some ways that technologies could be used in animal farming. For each, say whether you think it is a good use of technology or a bad use of technology: Using AI and computer vision to identify the sex of day-old chicks, so that humans don't have to do it manually**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Good use of technology | 65 | 87 | 71 | 63 | 75 | 64 | 59 | 72 | 62 | 61 | 70 | 67 |
| Bad use of technology | 35 | 13 | 29 | 37 | 25 | 36 | 41 | 28 | 38 | 39 | 30 | 33 |

**42) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Physically castrating pigs without anesthetic**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Acceptable | 16 | 13 | 14 | 22 | 12 | 20 |
| Not Acceptable | 84 | 87 | 86 | 78 | 88 | 80 |

**42) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Physically castrating pigs without anesthetic**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acceptable | 12 | 27 | 18 | 15 | 11 | 16 | 20 | 14 | 17 | 25 | 11 | 12 |
| Not Acceptable | 88 | 73 | 82 | 85 | 89 | 84 | 80 | 86 | 83 | 75 | 89 | 88 |

**43) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Cutting the tails of newborn pigs to prevent pigs from biting each others' tails when they are stressed**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Acceptable | 42 | 33 | 45 | 49 | 34 | 50 |
| Not Acceptable | 58 | 67 | 55 | 51 | 66 | 50 |

**43) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Cutting the tails of newborn pigs to prevent pigs from biting each others' tails when they are stressed**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acceptable | 33 | 49 | 33 | 43 | 37 | 41 | 47 | 47 | 38 | 50 | 37 | 38 |
| Not Acceptable | 67 | 51 | 67 | 57 | 63 | 59 | 53 | 53 | 62 | 50 | 63 | 62 |

**44) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Keeping pigs in tight cages for weeks where they cannot turn around**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Acceptable | 12 | 16 | 9 | 9 | 11 | 12 |
| Not Acceptable | 88 | 84 | 91 | 91 | 89 | 88 |

**44) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Keeping pigs in tight cages for weeks where they cannot turn around**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acceptable | 11 | 33 | 20 | 8 | 7 | 16 | 12 | 11 | 12 | 14 | 4 | 14 |
| Not Acceptable | 89 | 67 | 80 | 92 | 93 | 84 | 88 | 89 | 88 | 86 | 96 | 86 |

**45) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Keeping chickens in cages about as tight a standard sheet of paper**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Acceptable | 13 | 19 | 7 | 12 | 11 | 14 |
| Not Acceptable | 87 | 81 | 93 | 88 | 89 | 86 |

**45) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Keeping chickens in cages about as tight a standard sheet of paper**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acceptable | 18 | 35 | 8 | 10 | 10 | 12 | 16 | 13 | 13 | 16 | 4 | 16 |
| Not Acceptable | 82 | 65 | 92 | 90 | 90 | 88 | 84 | 87 | 87 | 84 | 96 | 84 |

**46) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Killing newborn male chicks with a meat grinder because they cannot lay eggs**

|                | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|----------------|-----|----------|----------|-----|--------|------|
| Acceptable     | 11  | 10       | 10       | 13  | 7      | 14   |
| Not Acceptable | 89  | 90       | 90       | 87  | 93     | 86   |

**46) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Killing newborn male chicks with a meat grinder because they cannot lay eggs**

|                | Black | Latino/a | Other | White | D  | I  | R  | college | non-college | Conservative | Liberal | Moderate |
|----------------|-------|----------|-------|-------|----|----|----|---------|-------------|--------------|---------|----------|
| Acceptable     | 7     | 22       | 20    | 9     | 11 | 11 | 11 | 12      | 10          | 15           | 10      | 8        |
| Not Acceptable | 93    | 78       | 80    | 91    | 89 | 89 | 89 | 88      | 90          | 85           | 90      | 92       |

**47) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Cutting off the beaks of newborn chicks so they don't peck at each other on the farm**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Acceptable | 21 | 19 | 18 | 28 | 16 | 26 |
| Not Acceptable | 79 | 81 | 82 | 72 | 84 | 74 |

**47) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Cutting off the beaks of newborn chicks so they don't peck at each other on the farm**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acceptable | 17 | 40 | 30 | 19 | 16 | 21 | 28 | 18 | 23 | 31 | 11 | 20 |
| Not Acceptable | 83 | 60 | 70 | 81 | 84 | 79 | 72 | 82 | 77 | 69 | 89 | 80 |

**48) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Breeding chickens so they put on weight so quickly they often break their own legs**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Acceptable | 13 | 17 | 12 | 8 | 11 | 15 |
| Not Acceptable | 87 | 83 | 88 | 92 | 89 | 85 |

**48) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Breeding chickens so they put on weight so quickly they often break their own legs**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acceptable | 20 | 36 | 20 | 8 | 9 | 17 | 13 | 14 | 12 | 17 | 3 | 15 |
| Not Acceptable | 80 | 64 | 80 | 92 | 91 | 83 | 87 | 86 | 88 | 83 | 97 | 85 |

**49) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Slaughtering fish by freezing them to death**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Acceptable | 28 | 19 | 35 | 31 | 22 | 34 |
| Not Acceptable | 72 | 81 | 65 | 69 | 78 | 66 |

**49) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Slaughtering fish by freezing them to death**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acceptable | 19 | 48 | 17 | 28 | 23 | 31 | 30 | 34 | 24 | 36 | 24 | 23 |
| Not Acceptable | 81 | 52 | 83 | 72 | 77 | 69 | 70 | 66 | 76 | 64 | 76 | 77 |

**50) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Suffocating fish by removing them from water**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Acceptable | 26 | 20 | 32 | 25 | 20 | 31 |
| Not Acceptable | 74 | 80 | 68 | 75 | 80 | 69 |

**50) Below are a series of practices common on animal farms. For each, say whether you think the practice is acceptable or unacceptable: Suffocating fish by removing them from water**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acceptable | 27 | 39 | 18 | 25 | 19 | 26 | 33 | 29 | 23 | 36 | 18 | 22 |
| Not Acceptable | 73 | 61 | 82 | 75 | 81 | 74 | 67 | 71 | 77 | 64 | 82 | 78 |

**51) Do you think broadly that in our society we do…**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Too much to improve the well-being of farm animals | 10 | 16 | 4 | 10 | 10 | 10 |
| Too little to improve the well-being of farm an... | 54 | 51 | 58 | 53 | 61 | 47 |
| About the right amount to improve the well-bein... | 36 | 33 | 38 | 37 | 29 | 44 |

**51) Do you think broadly that in our society we do…**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Too much to improve the well-being of farm animals | 7 | 14 | 19 | 9 | 3 | 13 | 15 | 7 | 12 | 18 | 1 | 9 |
| Too little to improve the well-being of farm an... | 55 | 39 | 42 | 57 | 72 | 51 | 36 | 56 | 53 | 35 | 78 | 54 |
| About the right amount to improve the well-bein... | 38 | 47 | 39 | 34 | 25 | 36 | 49 | 38 | 35 | 48 | 21 | 37 |

**52) Would you support or oppose the government providing low-interest loans or research grants to farms to research and implement new technologies that could improve animal welfare?**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Strongly support | 29 | 31 | 29 | 26 | 40 | 18 |
| Somewhat support | 36 | 21 | 41 | 49 | 24 | 48 |
| Somewhat oppose | 12 | 17 | 9 | 10 | 13 | 12 |
| Strongly oppose | 9 | 11 | 7 | 8 | 8 | 9 |
| Don't know | 14 | 19 | 14 | 7 | 16 | 12 |

**52) Would you support or oppose the government providing low-interest loans or research grants to farms to research and implement new technologies that could improve animal welfare?**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Strongly support | 27 | 28 | 39 | 28 | 47 | 18 | 21 | 30 | 29 | 20 | 55 | 20 |
| Somewhat support | 29 | 27 | 24 | 39 | 32 | 40 | 35 | 43 | 31 | 39 | 31 | 36 |
| Somewhat oppose | 12 | 25 | 4 | 12 | 4 | 17 | 17 | 5 | 17 | 16 | 4 | 15 |
| Strongly oppose | 2 | 17 | 20 | 7 | 6 | 9 | 11 | 10 | 8 | 13 | 4 | 8 |
| Don't know | 30 | 3 | 13 | 13 | 11 | 16 | 15 | 12 | 15 | 12 | 6 | 20 |

**53) Which comes closer to your view:**

| | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Companies should focus on lowering costs for co... | 32 | 36 | 30 | 30 | 31 | 34 |
| Companies should invest in technologies that ma... | 68 | 64 | 70 | 70 | 69 | 66 |

**53) Which comes closer to your view:**

| | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Companies should focus on lowering costs for co... | 31 | 40 | 37 | 31 | 26 | 33 | 39 | 32 | 32 | 38 | 16 | 38 |
| Companies should invest in technologies that ma... | 69 | 60 | 63 | 69 | 74 | 67 | 61 | 68 | 68 | 62 | 84 | 62 |

**54) What are reasons that the government should invest in agriculture technology? Increasing animal welfare**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Very good reason | 48 | 45 | 50 | 51 | 56 | 40 |
| Somewhat good reason | 41 | 47 | 39 | 34 | 37 | 45 |
| Not a good reason | 11 | 8 | 11 | 15 | 7 | 15 |

**54) What are reasons that the government should invest in agriculture technology? Increasing animal welfare**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Very good reason | 55 | 51 | 59 | 46 | 73 | 40 | 30 | 51 | 47 | 30 | 85 | 39 |
| Somewhat good reason | 29 | 42 | 24 | 44 | 24 | 50 | 50 | 41 | 40 | 47 | 15 | 52 |
| Not a good reason | 15 | 7 | 17 | 10 | 3 | 10 | 21 | 8 | 13 | 22 | 0 | 9 |

**55) What are reasons that the government should invest in agriculture technology? Increasing sustainability**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Very good reason | 53 | 52 | 51 | 56 | 53 | 52 |
| Somewhat good reason | 37 | 38 | 38 | 35 | 37 | 37 |
| Not a good reason | 10 | 10 | 11 | 10 | 9 | 11 |

**55) What are reasons that the government should invest in agriculture technology? Increasing sustainability**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Very good reason | 52 | 54 | 54 | 52 | 76 | 47 | 32 | 56 | 51 | 31 | 83 | 51 |
| Somewhat good reason | 33 | 32 | 27 | 40 | 17 | 43 | 53 | 35 | 39 | 54 | 16 | 37 |
| Not a good reason | 16 | 14 | 18 | 8 | 7 | 10 | 14 | 9 | 11 | 16 | 1 | 12 |

**56) What are reasons that the government should invest in agriculture technology? Ensuring a reliable food supply**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Very good reason | 65 | 60 | 65 | 71 | 65 | 65 |
| Somewhat good reason | 28 | 29 | 29 | 23 | 27 | 28 |
| Not a good reason | 7 | 11 | 5 | 6 | 8 | 7 |

**56) What are reasons that the government should invest in agriculture technology? Ensuring a reliable food supply**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Very good reason | 71 | 48 | 66 | 66 | 77 | 60 | 58 | 67 | 64 | 57 | 80 | 62 |
| Somewhat good reason | 21 | 38 | 18 | 28 | 20 | 33 | 30 | 26 | 29 | 31 | 18 | 31 |
| Not a good reason | 9 | 13 | 16 | 5 | 3 | 7 | 12 | 7 | 8 | 11 | 2 | 7 |

**57) What are reasons that the government should invest in agriculture technology? Ensuring farmer financial security**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Very good reason | 51 | 45 | 49 | 62 | 49 | 53 |
| Somewhat good reason | 36 | 38 | 39 | 28 | 37 | 34 |
| Not a good reason | 13 | 17 | 12 | 10 | 14 | 13 |

**57) What are reasons that the government should invest in agriculture technology? Ensuring farmer financial security**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Very good reason | 67 | 29 | 52 | 52 | 65 | 43 | 45 | 52 | 51 | 43 | 66 | 49 |
| Somewhat good reason | 14 | 60 | 20 | 37 | 28 | 39 | 40 | 37 | 35 | 42 | 29 | 34 |
| Not a good reason | 19 | 12 | 28 | 11 | 7 | 18 | 15 | 10 | 15 | 15 | 5 | 17 |

**58) What are reasons that the government should invest in agriculture technology? Lowering food costs**

|  | all | 18 to 44 | 45 to 64 | 65+ | Female | Male |
|---|---|---|---|---|---|---|
| Very good reason | 58 | 52 | 58 | 65 | 56 | 60 |
| Somewhat good reason | 33 | 34 | 35 | 28 | 34 | 32 |
| Not a good reason | 9 | 14 | 7 | 6 | 10 | 9 |

**58) What are reasons that the government should invest in agriculture technology? Lowering food costs**

|  | Black | Latino/a | Other | White | D | I | R | college | non-college | Conservative | Liberal | Moderate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Very good reason | 65 | 36 | 62 | 59 | 64 | 52 | 57 | 60 | 57 | 50 | 62 | 61 |
| Somewhat good reason | 22 | 50 | 22 | 33 | 30 | 38 | 31 | 34 | 32 | 37 | 33 | 29 |
| Not a good reason | 13 | 14 | 16 | 8 | 6 | 10 | 13 | 6 | 11 | 13 | 4 | 10 |