

Topline: U.S. adults

2024 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL
 WAVE 152 - SCIENCE AND INTERNET TOPLINE
 AUG 12-18, 2024
 N=5,410

Note: All numbers are percentages unless otherwise noted. Rows/columns may not total 100% due to rounding. The questions presented below are part of a larger survey conducted on the American Trends Panel.

"No answer" includes web respondents who do not answer the question as well as telephone respondents who refuse to answer or who say they don't know how to answer. In cases where "not sure" was offered as an explicit option to web and telephone respondents, the "no answer" category includes only web skips and telephone refusals.

This survey was conducted primarily online, with some interviews conducted by live telephone. This topline shows the programming language for online administration. For details on how questions were slightly modified for phone administration, visit the questionnaire.

American Trends Panel surveys conducted between October 2016 and June 2024 were conducted fully online (with tablets and data plans provided to adults without home internet). For additional details, visit the methodology.

PN = Programming note

| | | |
|-------------|--------------------|--|
| | Sample size | Margin of error at 95% confidence level |
| U.S. adults | 5,410 | +/- 1.6 percentage points |

AI_HEARD ASK ALL:

Artificial intelligence (AI) is designed to learn tasks that humans typically do, for instance recognizing speech or pictures.

How much have you heard or read about AI?

| | <u>A lot</u> | <u>A little</u> | <u>Nothing at all</u> | <u>No answer</u> |
|--------------------|--------------|-----------------|-----------------------|------------------|
| Aug 12-18, 2024 | 40 | 53 | 6 | <1 |
| Jul 31-Aug 6, 2023 | 33 | 56 | 10 | <1 |
| Dec 12-18, 2022 | 26 | 59 | 15 | <1 |

CNCEXC**ASK ALL:**

[PN: ROTATE OPTIONS 1-2/2-1 WITH OPTION 3 ALWAYS HELD LAST IN ORDER.]

Overall, would you say the increased use of artificial intelligence (AI) in daily life makes you feel...

| | More excited than <u>concerned</u> | More concerned than <u>excited</u> | Equally concerned and <u>excited</u> | <u>No answer</u> |
|----------------------------|---------------------------------------|---------------------------------------|--|------------------|
| Aug 12-18, 2024 | 11 | 51 | 38 | 1 |
| Jul 31-Aug 6, 2023 | 10 | 52 | 36 | 2 |
| Dec 12-18, 2022 | 15 | 38 | 46 | 1 |
| Nov 1-7, 2021 ¹ | 18 | 37 | 45 | <1 |

USEAI**ASK ALL:**

Just your impression, how often do you interact with artificial intelligence (AI)?

| | Almost <u>constantly</u> | Several times a <u>day</u> | About <u>once a day</u> | Several times a <u>week</u> | <u>Less often</u> | <u>No answer</u> |
|-----------------|-----------------------------|----------------------------------|----------------------------|-----------------------------------|-------------------|------------------|
| Aug 12-18, 2024 | 4 | 23 | 13 | 17 | 43 | 1 |
| Feb 7-11, 2024 | 4 | 18 | 12 | 15 | 50 | 2 |
| Dec 12-18, 2022 | 5 | 23 | 13 | 15 | 44 | 1 |

AICONTROL1**ASK ALL:**

[PN: ROTATE OPTIONS 1-5/5-1.]

How much control do you think you have in whether artificial intelligence (AI) is used in your life?

| | |
|---------------------------|--------------|
| Aug 12-18, <u>2024</u> | |
| 5 | A great deal |
| 9 | Quite a bit |
| 27 | Some |
| 41 | Not too much |
| 18 | None |
| 1 | No answer |

¹ For the Nov. 1-7, 2021 survey, the question wording was "Artificial intelligence computer programs are designed to learn tasks that humans typically do, for instance recognizing speech or pictures. Overall, would you say the increased use of artificial intelligence computer programs in daily life makes you feel..."

AICONTROL2**ASK ALL:**

[PN: ROTATE OPTIONS 1-2/2-1 WITH OPTION 3 ALWAYS HELD LAST IN ORDER.]

Which better describes how you feel about the amount of control you have over how artificial intelligence (AI) is used in your life?

Aug 12-18,
2024

| | |
|----|--|
| 19 | I'm comfortable with the amount of control I have over how AI is used in my life |
| 55 | I'd like more control over how AI is used in my life |
| 26 | Not sure |
| <1 | No answer |

AICHANGE**ASK ALL:**

[PN: ROTATE OPTIONS 1-5/5-1 WITH OPTION 6 ALWAYS HELD LAST IN ORDER.]

Do you think that the impact of artificial intelligence (AI) on the U.S. over the next 20 years will be...

Aug 12-18,
2024

| | |
|----|-------------------------------|
| 4 | Very positive |
| 12 | Somewhat positive |
| 33 | Equally positive and negative |
| 19 | Somewhat negative |
| 15 | Very negative |
| 16 | Not sure |
| <1 | No answer |

AIFUTRIMPCT**ASK ALL:**

[PN: RANDOMIZE BATTERY ITEMS WITHIN FORM; ROTATE RESPONSE OPTIONS 1-5/5-1 IN SAME ORDER AS AICHANGE WITH OPTION 6 ALWAYS HELD LAST IN ORDER.]

Thinking about the U.S. over the next 20 years, what impact do you think artificial intelligence (AI) will have on...

| | <u>Very positive</u> | <u>Somewhat positive</u> | <u>Equally positive and negative</u> | <u>Somewhat negative</u> | <u>Very negative</u> | <u>Not sure</u> | <u>No answer</u> |
|---|----------------------|--------------------------|--------------------------------------|--------------------------|----------------------|-----------------|------------------|
| ASK IF FORM 1 | | | | | | | |
| [N=2,701] | | | | | | | |
| a. Medical care Aug 12-18, 2024 | 16 | 28 | 21 | 10 | 9 | 17 | <1 |
| ASK IF FORM 1 | | | | | | | |
| [N=2,701] | | | | | | | |
| b. K-12 education Aug 12-18, 2024 | 6 | 18 | 23 | 18 | 16 | 19 | <1 |
| ASK IF FORM 1 | | | | | | | |
| [N=2,701] | | | | | | | |
| c. Elections Aug 12-18, 2024 | 2 | 7 | 17 | 20 | 30 | 23 | <1 |
| ASK IF FORM 1 | | | | | | | |
| [N=2,701] | | | | | | | |
| d. The economy Aug 12-18, 2024 | 4 | 18 | 26 | 17 | 14 | 22 | <1 |
| ASK IF FORM 1 | | | | | | | |
| [N=2,701] | | | | | | | |
| e. The criminal justice system Aug 12-18, 2024 | 3 | 15 | 20 | 16 | 16 | 28 | <1 |
| ASK IF FORM 2 | | | | | | | |
| [N=2,709] | | | | | | | |
| f. Arts and entertainment Aug 12-18, 2024 | 5 | 14 | 25 | 22 | 17 | 16 | 0 |

**AIFUTRIMPCT
CONTINUED ...**

| | <u>Very positive</u> | <u>Somewhat positive</u> | <u>Equally positive and negative</u> | <u>Somewhat negative</u> | <u>Very negative</u> | <u>Not sure</u> | <u>No answer</u> |
|--|--------------------------|------------------------------|--|------------------------------|--------------------------|---------------------|------------------|
| ASK IF FORM 2 [N=2,709] | | | | | | | |
| g. Personal relationships Aug 12-18, 2024 | 2 | 6 | 21 | 28 | 19 | 24 | <1 |
| ASK IF FORM 2 [N=2,709] | | | | | | | |
| h. How people do their jobs Aug 12-18, 2024 | 5 | 18 | 27 | 21 | 15 | 13 | <1 |
| ASK IF FORM 2 [N=2,709] | | | | | | | |
| i. The environment Aug 12-18, 2024 | 4 | 16 | 25 | 14 | 11 | 30 | <1 |
| ASK IF FORM 2 [N=2,709] | | | | | | | |
| j. The news people get Aug 12-18, 2024 | 2 | 8 | 23 | 26 | 24 | 16 | <1 |

AIJOBS**ASK ALL:**

[PN: ROTATE OPTIONS 1-2/2-1 WITH OPTIONS 3 AND 4 ALWAYS HELD LAST IN ORDER.]

Thinking about the U.S. over the next 20 years, do you think that artificial intelligence (AI) will lead to...

Aug 12-18,
2024

| | |
|----|-------------------------------|
| 5 | More jobs |
| 64 | Fewer jobs |
| 14 | Will not make much difference |
| 16 | Not sure |
| <1 | No answer |

AIJOBIMPCT**ASK ALL:**

[PN: RANDOMIZE BATTERY ITEMS WITHIN FORM; ROTATE IN SAME ORDER AS AIJOBS WITH OPTIONS 3 AND 4 ALWAYS HELD LAST IN ORDER.]

Thinking about the U.S. over the next 20 years, do you think that artificial intelligence (AI) will lead to more or fewer jobs for...

| | <u>More jobs</u> | <u>Fewer jobs</u> | <u>Will not make much difference</u> | <u>Not sure</u> | <u>No answer</u> |
|--|------------------|-------------------|--------------------------------------|-----------------|------------------|
| ASK IF FORM 1 | | | | | |
| [N=2,701] | | | | | |
| a. Lawyers Aug 12-18, 2024 | 10 | 23 | 45 | 23 | <1 |
| ASK IF FORM 1 | | | | | |
| [N=2,701] | | | | | |
| b. Software engineers Aug 12-18, 2024 | 24 | 48 | 11 | 16 | <1 |
| ASK IF FORM 1 | | | | | |
| [N=2,701] | | | | | |
| c. Cashiers Aug 12-18, 2024 | 2 | 73 | 13 | 13 | <1 |
| ASK IF FORM 1 | | | | | |
| [N=2,701] | | | | | |
| d. Factory workers Aug 12-18, 2024 | 4 | 67 | 15 | 13 | 1 |
| ASK IF FORM 1 | | | | | |
| [N=2,701] | | | | | |
| e. Medical doctors Aug 12-18, 2024 | 7 | 28 | 44 | 21 | <1 |

**AIJOBIMPCT
CONTINUED ...**

| | <u>More jobs</u> | <u>Fewer jobs</u> | <u>Will not make much difference</u> | <u>Not sure</u> | <u>No answer</u> |
|--|------------------|-------------------|--|-----------------|------------------|
| ASK IF FORM 2 [N=2,709] | | | | | |
| f. Teachers Aug 12-18, 2024 | 5 | 43 | 32 | 20 | <1 |
| ASK IF FORM 2 [N=2,709] | | | | | |
| g. Journalists Aug 12-18, 2024 | 5 | 59 | 17 | 19 | <1 |
| ASK IF FORM 2 [N=2,709] | | | | | |
| h. Truck drivers Aug 12-18, 2024 | 5 | 33 | 42 | 21 | <1 |
| ASK IF FORM 2 [N=2,709] | | | | | |
| i. Musicians Aug 12-18, 2024 | 5 | 45 | 30 | 20 | <1 |
| ASK IF FORM 2 [N=2,709] | | | | | |
| j. Mental health therapists Aug 12-18, 2024 | 12 | 29 | 32 | 26 | <1 |

HUMANVAI**ASK ALL:****[PN: RANDOMIZE BATTERY ITEMS.]**

Thinking about artificial intelligence (AI) today, do you think AI would do better, worse or about the same as people whose job it is to...

| | AI would do this <u>better</u> | AI would do this <u>worse</u> | AI would do this about the <u>same</u> | <u>Not sure</u> | <u>No answer</u> |
|--|--------------------------------------|-------------------------------------|---|-----------------|------------------|
| a. Make a medical diagnosis Aug 12-18, 2024 | 26 | 33 | 15 | 26 | <1 |
| b. Write a news story Aug 12-18, 2024 | 19 | 41 | 20 | 20 | <1 |
| c. Make a hiring decision Aug 12-18, 2024 | 11 | 51 | 15 | 22 | <1 |
| d. Write a song Aug 12-18, 2024 | 14 | 43 | 19 | 23 | <1 |
| e. Decide who gets a loan Aug 12-18, 2024 | 19 | 39 | 20 | 23 | <1 |
| f. Decide who gets parole from prison Aug 12-18, 2024 | 10 | 49 | 11 | 29 | <1 |
| g. Drive someone from one place to another Aug 12-18, 2024 | 19 | 37 | 20 | 23 | <1 |
| h. Provide customer service Aug 12-18, 2024 | 19 | 47 | 19 | 16 | <1 |

PERSBENHRM**ASK ALL:****[PN: ROTATE RESPONSE OPTIONS 1-2/2-1, HOLDING 3 LAST.]**

Thinking about yourself, do you think the increased use of artificial intelligence (AI) is more likely to...

Aug 12-18,
2024

| | |
|----|---------------------------|
| 43 | Harm you than benefit you |
| 24 | Benefit you than harm you |
| 33 | Not sure |
| <1 | No answer |

TRSTAIPRS**ASK ALL:**

Do you think artificial intelligence (AI) will ever get to a point where you would trust it to make important decisions for you?

Aug 12-18,
2024

| | |
|----|-----------------|
| 13 | Yes, it will |
| 63 | No, it will not |
| 23 | Not sure |
| 1 | No answer |

AICONCERN**ASK ALL:**

[PN: RANDOMIZE ITEMS; ROTATE OPTIONS 1-5/5-1.]

When it comes to artificial intelligence (AI), how concerned are you about...

| | <u>Extremely concerned</u> | <u>Very concerned</u> | <u>Somewhat concerned</u> | <u>Not too concerned</u> | <u>Not at all concerned</u> | <u>No answer</u> |
|---|--------------------------------|---------------------------|-------------------------------|------------------------------|---------------------------------|----------------------|
| a. Bias in decisions made by AI Aug 12-18, 2024 | 29 | 26 | 30 | 11 | 3 | 1 |
| b. AI being used to impersonate people Aug 12-18, 2024 | 49 | 29 | 16 | 4 | 2 | <1 |
| c. People's personal information being misused by AI Aug 12-18, 2024 | 40 | 30 | 23 | 5 | 2 | <1 |
| d. People getting inaccurate information from AI Aug 12-18, 2024 | 34 | 32 | 26 | 5 | 2 | 1 |
| e. People not understanding what AI can do Aug 12-18, 2024 | 29 | 29 | 30 | 9 | 3 | <1 |
| f. AI leading to less connection between people Aug 12-18, 2024 | 30 | 27 | 28 | 10 | 4 | 1 |
| g. AI leading to job loss Aug 12-18, 2024 | 28 | 28 | 30 | 10 | 3 | 1 |

FUTRAI**ASK ALL:**

[PN: RANDOMIZE ITEMS; ROTATE OPTIONS IN THE SAME ORDER AS AICONCERN WITH THE ADDITION OF HOLDING 6 LAST.]

Thinking about the next 20 years, how likely do you think it is that artificial intelligence (AI) will...

| | Extremely <u>likely</u> | Very <u>likely</u> | Somewhat <u>likely</u> | Not too <u>likely</u> | Not at all <u>likely</u> | Not <u>sure</u> | No <u>answer</u> |
|--|----------------------------|-----------------------|---------------------------|--------------------------|--------------------------------|--------------------|---------------------|
| a. Think on its own Aug 12-18, 2024 | 17 | 23 | 24 | 14 | 8 | 14 | <1 |
| b. Cause major harm to humans Aug 12-18, 2024 | 15 | 20 | 32 | 15 | 3 | 14 | <1 |
| c. Make humans more productive Aug 12-18, 2024 | 4 | 13 | 25 | 28 | 17 | 13 | <1 |
| d. Make humans happier Aug 12-18, 2024 | 1 | 5 | 23 | 35 | 18 | 17 | <1 |

DISCRIM1²**ASK ALL:****[PN: RANDOMIZE ITEMS.]**

Thinking about the people who design artificial intelligence computer programs, how well do you think they take into account the experiences and views of each of the following?

| | <u>Very well</u> | <u>Somewhat well</u> | <u>Not too well</u> | <u>Not at all well</u> | <u>Not sure</u> | <u>No answer</u> |
|--------------------|------------------|----------------------|---------------------|------------------------|-----------------|------------------|
| a. White adults | | | | | | |
| Aug 12-18, 2024 | 16 | 25 | 11 | 9 | 39 | 1 |
| Nov 1-7, 2021 | 23 | 25 | 8 | 5 | 39 | 1 |
| b. Black adults | | | | | | |
| Aug 12-18, 2024 | 5 | 14 | 23 | 15 | 42 | 1 |
| Nov 1-7, 2021 | 7 | 18 | 20 | 12 | 42 | 1 |
| c. Hispanic adults | | | | | | |
| Aug 12-18, 2024 | 3 | 14 | 26 | 13 | 44 | 1 |
| Nov 1-7, 2021 | 6 | 17 | 23 | 10 | 43 | 1 |
| d. Asian adults | | | | | | |
| Aug 12-18, 2024 | 6 | 19 | 20 | 10 | 44 | 1 |
| Nov 1-7, 2021 | 10 | 23 | 15 | 8 | 43 | 1 |
| e. Men | | | | | | |
| Aug 12-18, 2024 | 16 | 26 | 12 | 8 | 37 | <1 |
| Nov 1-7, 2021 | 23 | 28 | 7 | 4 | 37 | 1 |
| f. Women | | | | | | |
| Aug 12-18, 2024 | 5 | 22 | 23 | 12 | 38 | <1 |
| Nov 1-7, 2021 | 9 | 27 | 18 | 7 | 38 | 1 |

AIREG**ASK ALL:****[PN: ROTATE OPTIONS 1-2/2-1, HOLDING 3 LAST.]**

Thinking about the use of artificial intelligence (AI) in the United States, are you more concerned that the U.S. government will...

Aug 12-18,
2024

| | |
|----|--------------------------------------|
| 21 | Go too far regulating its use |
| 58 | Not go far enough regulating its use |
| 21 | Not sure |
| <1 | No answer |

² DISCRIM1 was displayed across two separate screens in the both the August 2024 and November 2021 surveys, with items a-d on the first screen and items e-f on the second. The order of the two screens was randomized. These are displayed in separate blocks in the questionnaire but have been combined in this topline.

[PN: RANDOMIZE ORDER OF REGCONFG AND REGCONFI.]**REGCONFG****ASK ALL:****[PN: ROTATE OPTIONS 1-5/5-1, HOLDING 6 LAST.]**

How much confidence do you have in the U.S. government to regulate the use of artificial intelligence (AI) effectively?

Aug 12-18,
2024

| | |
|----|--------------|
| 2 | A great deal |
| 5 | Quite a bit |
| 22 | Some |
| 41 | Not too much |
| 21 | None |
| 9 | Not sure |
| 1 | No answer |

[PN: RANDOMIZE ORDER OF REGCONFG AND REGCONFI.]**REGCONFI****ASK ALL:****[PN: ROTATE OPTIONS IN SAME ORDER AS REGCONFG.]**

How much confidence do you have in U.S. companies to develop and use artificial intelligence (AI) responsibly?

Aug 12-18,
2024

| | |
|----|--------------|
| 2 | A great deal |
| 6 | Quite a bit |
| 24 | Some |
| 39 | Not too much |
| 20 | None |
| 8 | Not sure |
| 1 | No answer |

CHATAWARE**ASK ALL:**

How much have you heard about artificial intelligence (AI) chatbots like ChatGPT, Gemini or Copilot?

Aug 12-18,
2024

| | |
|----|----------------|
| 28 | A lot |
| 44 | A little |
| 28 | Nothing at all |
| <1 | No answer |

CHATUSE**ASK IF HEARD ABOUT AI CHATBOTS (CHATAWARE=1,2) [N=4,035]:**

Have you ever used an artificial intelligence (AI) chatbot like ChatGPT, Gemini or Copilot?

Aug 12-18,
2024

| | |
|----|----------------|
| 47 | Yes, I have |
| 53 | No, I have not |
| <1 | No answer |

CHATHELPFUL**ASK IF USE AI CHATBOTS (CHATUSE=1) [N=2,003]:**

[PN: ROTATE OPTIONS IN SAME ORDER AS AICONCERN.]

Overall, how helpful have artificial intelligence (AI) chatbots been for you?

Aug 12-18,
2024

| | |
|----|--------------------|
| 11 | Extremely helpful |
| 22 | Very helpful |
| 46 | Somewhat helpful |
| 16 | Not too helpful |
| 5 | Not at all helpful |
| <1 | No answer |

PARTY In politics today, do you consider yourself a:

ASK IF INDEP/SOMETHING ELSE (PARTY=3 or 4) OR MISSING:

PARTYLN As of today do you lean more to...³

| <u>Republican</u> | <u>Democrat</u> | <u>Independent</u> | <u>Something else</u> | <u>No answer</u> | <u>Lean Rep</u> | <u>Lean Dem</u> |
|-------------------|-----------------|--------------------|-----------------------|------------------|-----------------|-----------------|
| 27 | 26 | 30 | 15 | 2 | 20 | 21 |

³ Party and PartyIn asked in a prior survey.

Topline: AI experts

**2024 PEW RESEARCH CENTER'S AI EXPERTS SURVEY
SCIENCE AND INTERNET TOPLINE
AUG 14–Oct 31, 2024
TOTAL N=1,013**

Note: Data are unweighted. [Refer to the Methodology for more](#). All numbers are percentages unless otherwise noted. Rows/columns may not total 100% due to rounding.

PN = Programming note

| | Sample size | Margin of error at 95% confidence level |
|------------|--------------------|--|
| AI experts | 1,013 | +/- 3.1 percentage points |

CNCEXC

ASK ALL:

[PN: ROTATE OPTIONS 1-2/2-1; CODE 3 ALWAYS LAST.]

Overall, would you say the increased use of artificial intelligence (AI) in daily life makes you feel...

Aug 14-Oct 31,
2024

| | |
|----|-------------------------------|
| 47 | More excited than concerned |
| 15 | More concerned than excited |
| 38 | Equally concerned and excited |
| <1 | No answer |

USEAIPUB

ASK ALL:

Just your impression, how often do you think people in the U.S. interact with artificial intelligence (AI)?

Aug 14-Oct 31,
2024

| | |
|----|----------------------|
| 29 | Almost constantly |
| 50 | Several times a day |
| 8 | About once a day |
| 9 | Several times a week |
| 4 | Less often |
| <1 | No answer |

AICONTROL1**ASK ALL:****[PN: ROTATE OPTIONS 1-5/5-1.]**

How much control do you think you have in whether artificial intelligence (AI) is used in your life?

Aug 14-Oct 31,
2024

| | |
|----|--------------|
| 8 | A great deal |
| 15 | Quite a bit |
| 31 | Some |
| 38 | Not too much |
| 8 | None |
| <1 | No answer |

AICONTROL2**ASK ALL:****[PN: ROTATE OPTIONS 1-2/2-1; CODE 3 ALWAYS LAST.]**

Which better describes how you feel about the amount of control you have over how artificial intelligence (AI) is used in your life?

Aug 14-Oct 31,
2024

| | |
|----|--|
| 38 | I'm comfortable with the amount of control I have over how AI is used in my life |
| 57 | I'd like more control over how AI is used in my life |
| 4 | Not sure |
| <1 | No answer |

AICHANGE**ASK ALL:****[PN: ROTATE OPTIONS 1-5/5-1; CODE 6 ALWAYS LAST.]**

Do you think that the impact of artificial intelligence (AI) on the U.S. over the next 20 years will be...

Aug 14-Oct 31,
2024

| | |
|----|-------------------------------|
| 25 | Very positive |
| 31 | Somewhat positive |
| 23 | Equally positive and negative |
| 11 | Somewhat negative |
| 4 | Very negative |
| 6 | Not sure |
| <1 | No answer |

AIFUTRIMPCT**ASK ALL:**

[PN: ROTATE RESPONSE OPTIONS 1-5/5-1 IN SAME ORDER AS AICHANGE; CODE 6 ALWAYS LAST; RANDOMIZE BATTERY ITEMS WITHIN FORM.]

Thinking about the U.S. over the next 20 years, what impact do you think artificial intelligence (AI) will have on...

| | | <u>Very positive</u> | <u>Somewhat positive</u> | <u>Equally positive and negative</u> | <u>Somewhat negative</u> | <u>Very negative</u> | <u>Not sure</u> | <u>No answer</u> |
|----|--|----------------------|--------------------------|--------------------------------------|--------------------------|----------------------|-----------------|------------------|
| | ASK IF FORM 1 [N=529] | | | | | | | |
| a. | Medical care Aug 14-Oct 31, 2024 | 46 | 38 | 9 | 3 | 1 | 2 | 1 |
| | ASK IF FORM 1 [N=529] | | | | | | | |
| b. | K-12 education Aug 14-Oct 31, 2024 | 26 | 36 | 15 | 13 | 7 | 3 | 1 |
| | ASK IF FORM 1 [N=529] | | | | | | | |
| c. | Elections Aug 14-Oct 31, 2024 | 4 | 7 | 18 | 33 | 28 | 9 | 1 |
| | ASK IF FORM 1 [N=529] | | | | | | | |
| d. | The economy Aug 14-Oct 31, 2024 | 31 | 38 | 17 | 7 | 2 | 4 | 1 |
| | ASK IF FORM 1 [N=529] | | | | | | | |
| e. | The criminal justice system Aug 14-Oct 31, 2024 | 8 | 24 | 20 | 21 | 10 | 16 | 1 |
| | ASK IF FORM 2 [N=484] | | | | | | | |
| f. | Arts and entertainment Aug 14-Oct 31, 2024 | 23 | 25 | 22 | 17 | 11 | 3 | 0 |
| | ASK IF FORM 2 [N=484] | | | | | | | |
| g. | Personal relationships Aug 14-Oct 31, 2024 | 6 | 15 | 26 | 34 | 9 | 9 | 0 |
| | ASK IF FORM 2 [N=484] | | | | | | | |
| h. | How people do their jobs Aug 14-Oct 31, 2024 | 30 | 43 | 15 | 7 | 2 | 1 | <1 |

**AIFUTRIMPCT
CONTINUED ...**

| | | <u>Very positive</u> | <u>Somewhat positive</u> | <u>Equally positive and negative</u> | <u>Somewhat negative</u> | <u>Very negative</u> | <u>Not sure</u> | <u>No answer</u> |
|----------------------------------|--|--------------------------|------------------------------|--|------------------------------|--------------------------|---------------------|----------------------|
| ASK IF FORM 2 [N=484] | | | | | | | | |
| i. | The environment Aug 14-Oct 31, 2024 | 12 | 24 | 21 | 23 | 15 | 5 | 0 |
| ASK IF FORM 2 [N=484] | | | | | | | | |
| j. | The news people get Aug 14-Oct 31, 2024 | 7 | 11 | 22 | 36 | 20 | 4 | 0 |

AIJOBS**ASK ALL:****[PN: ROTATE OPTIONS 1-2/2-1; ANCHOR CODES 3 & 4.]**

Thinking about the U.S. over the next 20 years, do you think that artificial intelligence (AI) will lead to...

Aug 14-Oct 31,
2024

| | |
|----|-------------------------------|
| 19 | More jobs |
| 39 | Fewer jobs |
| 33 | Will not make much difference |
| 10 | Not sure |
| <1 | No answer |

AIJOBIMPCT**ASK ALL:****[PN: ROTATE IN SAME ORDER AS AIJOBS WITH OPTIONS 3 AND 4 ALWAYS HELD LAST IN ORDER; RANDOMIZE BATTERY ITEMS WITHIN FORM.]**

Thinking about the U.S. over the next 20 years, do you think that artificial intelligence (AI) will lead to more or fewer jobs for...

| | | <u>More jobs</u> | <u>Fewer jobs</u> | <u>Will not make much difference</u> | <u>Not sure</u> | <u>No answer</u> |
|------------------------------|---|----------------------|-----------------------|--|-----------------|------------------|
| ASK IF FORM 1 [N=529] | | | | | | |
| a. | Lawyers Aug 14-Oct 31, 2024 | 13 | 38 | 43 | 6 | 1 |
| ASK IF FORM 1 [N=529] | | | | | | |
| b. | Software engineers Aug 14-Oct 31, 2024 | 27 | 50 | 18 | 3 | 1 |
| ASK IF FORM 1 [N=529] | | | | | | |
| c. | Cashiers Aug 14-Oct 31, 2024 | 3 | 73 | 20 | 2 | 1 |

**AIJOBIMPCT
CONTINUED ...**

| | <u>More jobs</u> | <u>Fewer jobs</u> | <u>Will not make much difference</u> | <u>Not sure</u> | <u>No answer</u> |
|--|----------------------|-----------------------|--|-----------------|------------------|
| ASK IF FORM 1 [N=529] | | | | | |
| d. Factory workers Aug 14-Oct 31, 2024 | 9 | 60 | 25 | 5 | 1 |
| ASK IF FORM 1 [N=529] | | | | | |
| e. Medical doctors Aug 14-Oct 31, 2024 | 13 | 18 | 63 | 5 | 1 |
| ASK IF FORM 2 [N=484] | | | | | |
| f. Teachers Aug 14-Oct 31, 2024 | 12 | 31 | 53 | 4 | <1 |
| ASK IF FORM 2 [N=484] | | | | | |
| g. Journalists Aug 14-Oct 31, 2024 | 6 | 60 | 29 | 6 | <1 |
| ASK IF FORM 2 [N=484] | | | | | |
| h. Truck drivers Aug 14-Oct 31, 2024 | 6 | 62 | 27 | 5 | 0 |
| ASK IF FORM 2 [N=484] | | | | | |
| i. Musicians Aug 14-Oct 31, 2024 | 9 | 35 | 50 | 6 | 0 |
| ASK IF FORM 2 [N=484] | | | | | |
| j. Mental health therapists Aug 14-Oct 31, 2024 | 27 | 27 | 40 | 6 | 0 |

HUMANVAI**ASK ALL:****[PN: RANDOMIZE ITEMS.]**

Thinking about artificial intelligence (AI) today, do you think AI would do better, worse or about the same as people whose job it is to...

| | AI would do this <u>better</u> | AI would do this <u>worse</u> | AI would do this about the <u>same</u> | <u>Not sure</u> | <u>No answer</u> |
|--|--------------------------------------|-------------------------------------|---|-----------------|------------------|
| a. Make a medical diagnosis Aug 14-Oct 31, 2024 | 41 | 31 | 18 | 9 | <1 |
| b. Write a news story Aug 14-Oct 31, 2024 | 33 | 47 | 15 | 4 | <1 |
| c. Make a hiring decision Aug 14-Oct 31, 2024 | 19 | 55 | 18 | 8 | 1 |
| d. Write a song Aug 14-Oct 31, 2024 | 16 | 62 | 16 | 6 | 1 |
| e. Decide who gets a loan Aug 14-Oct 31, 2024 | 41 | 31 | 17 | 10 | 1 |
| f. Decide who gets parole from prison Aug 14-Oct 31, 2024 | 20 | 48 | 16 | 16 | <1 |
| g. Drive someone from one place to another Aug 14-Oct 31, 2024 | 51 | 26 | 17 | 5 | 1 |
| h. Provide customer service Aug 14-Oct 31, 2024 | 42 | 38 | 16 | 4 | <1 |

PERSBENHRM**ASK ALL:****[PN: ROTATE RESPONSE OPTIONS 1-2/2-1; CODE 3 ALWAYS LAST.]**

Thinking about yourself, do you think the increased use of artificial intelligence (AI) is more likely to...

Aug 14-Oct 31,
2024

| | |
|----|---------------------------|
| 15 | Harm you than benefit you |
| 76 | Benefit you than harm you |
| 9 | Not sure |
| <1 | No answer |

TRSTAIPRS
ASK ALL:

Do you think artificial intelligence (AI) will ever get to a point where you would trust it to make important decisions for you?

Aug 14-Oct 31,
2024

| | |
|----|-----------------|
| 51 | Yes, it will |
| 33 | No, it will not |
| 15 | Not sure |
| 1 | No answer |

AICONCERN

ASK ALL:

[PN: ROTATE OPTIONS 1-5/5-1; RANDOMIZE ITEMS.]

When it comes to artificial intelligence (AI), how concerned are you about...

| | | <u>Extremely concerned</u> | <u>Very concerned</u> | <u>Somewhat concerned</u> | <u>Not too concerned</u> | <u>Not at all concerned</u> | <u>No answer</u> |
|----|--|--------------------------------|---------------------------|-------------------------------|------------------------------|---------------------------------|----------------------|
| a. | Bias in decisions made by AI Aug 14-Oct 31, 2024 | 23 | 32 | 30 | 11 | 3 | <1 |
| b. | AI being used to impersonate people Aug 14-Oct 31, 2024 | 30 | 35 | 24 | 9 | 2 | <1 |
| c. | People's personal information being misused by AI Aug 14-Oct 31, 2024 | 27 | 32 | 26 | 12 | 2 | <1 |
| d. | People getting inaccurate information from AI Aug 14-Oct 31, 2024 | 35 | 35 | 22 | 7 | 1 | <1 |
| e. | People not understanding what AI can do Aug 14-Oct 31, 2024 | 25 | 27 | 30 | 14 | 3 | <1 |
| f. | AI leading to less connection between people Aug 14-Oct 31, 2024 | 14 | 23 | 31 | 25 | 6 | <1 |
| g. | AI leading to job loss Aug 14-Oct 31, 2024 | 7 | 18 | 35 | 34 | 6 | 1 |

FUTRAI**ASK ALL:**

[PN: ROTATE OPTIONS IN THE SAME ORDER AS AICONCERN; CODE 6 ALWAYS LAST; RANDOMIZE ITEMS.]

Thinking about the next 20 years, how likely do you think it is that artificial intelligence (AI) will...

| | | Extremely <u>likely</u> | Very <u>likely</u> | Somewhat <u>likely</u> | Not too <u>likely</u> | Not at all <u>likely</u> | Not <u>sure</u> | No <u>answer</u> |
|----|---|----------------------------|-----------------------|---------------------------|--------------------------|-----------------------------|--------------------|---------------------|
| a. | Think on its own Aug 14-Oct 31, 2024 | 8 | 17 | 22 | 27 | 21 | 5 | 1 |
| b. | Cause major harm to humans Aug 14-Oct 31, 2024 | 6 | 14 | 30 | 38 | 8 | 4 | <1 |
| c. | Make humans more productive Aug 14-Oct 31, 2024 | 38 | 35 | 19 | 4 | 2 | 1 | <1 |
| d. | Make humans happier Aug 14-Oct 31, 2024 | 5 | 17 | 35 | 28 | 7 | 7 | 1 |

DISCRIM1**ASK ALL:**

[PN: RANDOMIZE ITEMS a-d AND e-f IN BLOCKS; SHOW EACH BLOCK OF ITEMS ON SEPARATE PAGES; RANDOMIZE ORDER OF BLOCKS; RANDOMIZE ORDER WITHIN BLOCKS.]

Thinking about the people who design artificial intelligence computer programs, how well do you think they take into account the experiences and views of each of the following?

| | | Very <u>well</u> | Somewhat <u>well</u> | Not too <u>well</u> | Not at all <u>well</u> | <u>Not sure</u> | No <u>answer</u> |
|----|--|---------------------|-------------------------|------------------------|---------------------------|-----------------|---------------------|
| a. | White adults Aug 14-Oct 31, 2024 | 39 | 34 | 4 | 3 | 18 | 2 |
| b. | Black adults Aug 14-Oct 31, 2024 | 5 | 21 | 31 | 20 | 20 | 2 |
| c. | Hispanic adults Aug 14-Oct 31, 2024 | 4 | 21 | 34 | 17 | 21 | 2 |
| d. | Asian adults Aug 14-Oct 31, 2024 | 12 | 38 | 21 | 7 | 19 | 2 |
| e. | Men Aug 14-Oct 31, 2024 | 35 | 40 | 6 | 2 | 15 | 2 |
| f. | Women Aug 14-Oct 31, 2024 | 9 | 35 | 28 | 10 | 17 | 1 |

AIREG**ASK ALL:**

[PN: ROTATE OPTIONS 1-2/2-1; CODE 3 ALWAYS LAST.]

Thinking about the use of artificial intelligence (AI) in the United States, are you more concerned that the U.S. government will...

Aug 14-Oct 31,

2024

| | |
|----|--------------------------------------|
| 28 | Go too far regulating its use |
| 56 | Not go far enough regulating its use |
| 16 | Not sure |
| <1 | No answer |

[PN: ROTATE ORDER OF REGCONFG AND REGCONFI.]

REGCONFG**ASK ALL:**

[PN: ROTATE OPTIONS 1-5/5-1 SAME ORDER AS REGCONFI; CODE 6 ALWAYS LAST.]

How much confidence do you have in the U.S. government to regulate the use of artificial intelligence (AI) effectively?

Aug 14-Oct 31,

2024

| | |
|----|--------------|
| 2 | A great deal |
| 11 | Quite a bit |
| 30 | Some |
| 44 | Not too much |
| 9 | None |
| 3 | Not sure |
| 1 | No answer |

REGCONFI**ASK ALL:**

[PN: ROTATE RESPONSE OPTIONS 1-5/5-1 SAME ORDER AS REGCONFG; CODE 6 ALWAYS LAST.]

How much confidence do you have in U.S. companies to develop and use artificial intelligence (AI) responsibly?

Aug 14-Oct 31,

2024

| | |
|----|--------------|
| 3 | A great deal |
| 13 | Quite a bit |
| 27 | Some |
| 39 | Not too much |
| 16 | None |
| 1 | Not sure |
| 1 | No answer |

CHATAWARE
ASK ALL:

How much have you heard about artificial intelligence (AI) chatbots like ChatGPT, Gemini or Copilot?

Aug 14-Oct 31,
2024

| | |
|----|----------------|
| 97 | A lot |
| 2 | A little |
| <1 | Nothing at all |
| <1 | No answer |

CHATUSE
ASK IF HEARD OF AI CHATBOTS (CHATAWARE=1,2) [N=1,004]:

Have you ever used an artificial intelligence (AI) chatbot like ChatGPT, Gemini or Copilot?

Aug 14-Oct 31,
2024

| | |
|----|----------------|
| 99 | Yes, I have |
| 1 | No, I have not |
| <1 | No answer |

CHATHELFUL
ASK IF HAS USED AI CHATBOTS (CHATUSE=1) [N=989]:
[PN: ROTATE OPTIONS 1-5/5-1 SAME ORDER AS AICONCERN.]

Overall, how helpful have artificial intelligence (AI) chatbots been for you?

Aug 14-Oct 31,
2024

| | |
|----|--------------------|
| 25 | Extremely helpful |
| 36 | Very helpful |
| 30 | Somewhat helpful |
| 8 | Not too helpful |
| 2 | Not at all helpful |
| 0 | No answer |