

YouGov Survey: AI and the End of Humanity



Sample 1000 U.S. Adult Citizens
 Conducted April 7 - 11, 2023
 Margin of Error ±3.4%

1. How likely, if at all, do you think it is that the end of the human race on Earth will occur in the next ... ?

	Very likely	Somewhat likely	Not very likely	Impossible	Not sure
10 years	8%	10%	35%	30%	16%
100 years	11%	23%	33%	17%	16%
1,000 years	23%	28%	20%	10%	19%
One million years	41%	18%	10%	8%	24%

2. How concerned, if at all, are you about the possibility of the end of the human race on Earth?

Very concerned	18%
Somewhat concerned	25%
Not very concerned	23%
Not at all concerned	28%
Not sure	7%

3. How likely, if at all, do you think it is that the following would cause the end of the human race on Earth?

	Very likely	Somewhat likely	Not very likely	Impossible	Not sure
Artificial intelligence	17%	27%	33%	10%	12%
Nuclear weapons	36%	34%	17%	7%	6%
A pandemic	22%	34%	29%	7%	8%
Climate change	26%	27%	27%	12%	7%
World war	30%	37%	20%	6%	7%
Asteroid impact	17%	33%	33%	7%	10%
Alien invasion	9%	16%	43%	22%	10%
An act of God	38%	24%	16%	12%	10%
Global inability to have children	16%	20%	39%	16%	9%

4. How concerned, if at all, are you about the possibility that the following will cause the end of the human race on Earth?

	Very concerned	Somewhat concerned	Not very concerned	Not at all concerned	Not sure	Not asked — considers it impossible that this would cause the end of the human race
Artificial intelligence	18%	28%	24%	13%	8%	10%
Nuclear weapons	33%	33%	15%	7%	5%	7%
A pandemic	22%	31%	24%	9%	6%	7%
Climate change	29%	23%	20%	11%	5%	12%
World war	31%	34%	16%	8%	5%	6%
Asteroid impact	15%	22%	32%	16%	8%	7%
Alien invasion	12%	13%	26%	21%	6%	22%
An act of God	24%	18%	22%	17%	8%	12%
Global inability to have children	13%	18%	26%	21%	7%	16%

5. More than 1,000 technology leaders recently signed an open letter calling on researchers to pause development of certain large-scale AI systems for at least six months world-wide, citing fears of the "profound risks to society and humanity." Would you support or oppose a six-month pause on some kinds of AI development?

Asked of a random sample of one-third of respondents

Strongly support	37%
Somewhat support	24%
Somewhat oppose	14%
Strongly oppose	5%
Not sure	20%

6. Would you support or oppose a six-month pause on some kinds of AI development?

Asked of a random sample of one-third of respondents

Strongly support	29%
Somewhat support	29%
Somewhat oppose	18%
Strongly oppose	5%
Not sure	20%

7. More than 1,000 technology leaders recently signed an open letter calling on researchers to pause development of certain large-scale AI systems for at least six months world-wide, citing fears of the "profound risks to society and humanity." Critics said the letter overstated risks and threatens AI research that could "create enormous social and economic benefits across the economy and society." Would you support or oppose a six-month pause on some kinds of AI development?

Asked of a random sample of one-third of respondents

Strongly support	34%
Somewhat support	26%
Somewhat oppose	13%
Strongly oppose	8%
Not sure	20%

8. How often do you use artificial intelligence (AI) tools?

Very often	8%
Somewhat often	19%
Not very often	28%
Never	30%
Not sure	14%

Interviewing Dates	April 7 - 11, 2023
Target population	U.S. citizens, aged 18 and over.
Sampling method	Respondents were selected from YouGov's opt-in Internet panel using sample matching. A random sample (stratified by gender, age, race, education, geographic region, and voter registration) was selected from the 2019 American Community Survey.
Weighting	The sample was weighted according to gender, age, race, education, 2020 election turnout and Presidential vote, baseline party identification, and current voter registration status. Demographic weighting targets come from the 2019 American Community Survey. Baseline party identification is the respondent's most recent answer given prior to March 15, 2022, and is weighted to the estimated distribution at that time (33% Democratic, 28% Republican). The weights range from 0.235 to 3.791, with a mean of 1 and a standard deviation of 0.413.
Number of respondents	1000
Margin of error	± 3.4% (adjusted for weighting)
Survey mode	Web-based interviews
Questions not reported	74 questions not reported.

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1A. Likelihood of Human Race Ending — 10 years

How likely, if at all, do you think it is that the end of the human race on Earth will occur in the next . . . ?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	8%	10%	6%	14%	7%	6%	6%	7%	16%	6%	*
Somewhat likely	10%	10%	10%	16%	11%	9%	6%	9%	13%	13%	*
Not very likely	35%	33%	38%	28%	28%	38%	45%	38%	24%	34%	*
Impossible	30%	32%	28%	35%	29%	29%	29%	32%	22%	28%	*
Not sure	16%	15%	18%	8%	25%	17%	13%	14%	25%	18%	*
Totals	99%	100%	100%	101%	100%	99%	99%	100%	100%	99%	*
Unweighted N	(959)	(458)	(501)	(202)	(218)	(318)	(221)	(643)	(119)	(145)	(52)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	8%	8%	7%	9%	7%	7%	9%	8%	8%	7%	6%	9%	9%
Somewhat likely	10%	11%	11%	9%	9%	8%	11%	11%	10%	13%	10%	9%	10%
Not very likely	35%	35%	38%	33%	40%	35%	30%	40%	38%	33%	39%	35%	34%
Impossible	30%	31%	26%	35%	28%	36%	28%	31%	35%	29%	32%	29%	31%
Not sure	16%	16%	18%	14%	15%	14%	22%	11%	8%	18%	13%	18%	16%
Totals	99%	101%	100%	100%	99%	100%	100%	101%	99%	100%	100%	100%	100%
Unweighted N	(959)	(364)	(320)	(275)	(369)	(320)	(386)	(265)	(213)	(172)	(215)	(356)	(216)

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1B. Likelihood of Human Race Ending — 100 years

How likely, if at all, do you think it is that the end of the human race on Earth will occur in the next . . . ?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	11%	10%	12%	14%	8%	13%	9%	11%	12%	13%	*
Somewhat likely	23%	25%	21%	27%	25%	19%	20%	21%	27%	30%	*
Not very likely	33%	31%	34%	28%	28%	36%	39%	36%	24%	28%	*
Impossible	17%	20%	14%	23%	19%	14%	14%	18%	14%	14%	*
Not sure	16%	13%	19%	8%	21%	18%	17%	15%	22%	16%	*
Totals	100%	99%	100%	100%	101%	100%	99%	101%	99%	101%	*
Unweighted N	(961)	(458)	(503)	(201)	(222)	(317)	(221)	(644)	(119)	(146)	(52)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	11%	9%	12%	12%	9%	13%	15%	7%	9%	9%	9%	13%	12%
Somewhat likely	23%	25%	23%	19%	23%	16%	23%	25%	21%	24%	22%	20%	27%
Not very likely	33%	30%	34%	35%	36%	37%	27%	36%	41%	30%	36%	34%	31%
Impossible	17%	17%	16%	19%	15%	21%	14%	18%	21%	20%	17%	18%	13%
Not sure	16%	18%	16%	15%	17%	14%	21%	14%	9%	17%	15%	16%	17%
Totals	100%	99%	101%	100%	100%	101%	100%	100%	101%	100%	99%	101%	100%
Unweighted N	(961)	(365)	(322)	(274)	(369)	(321)	(390)	(265)	(213)	(172)	(216)	(356)	(217)

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1C. Likelihood of Human Race Ending — 1,000 years

How likely, if at all, do you think it is that the end of the human race on Earth will occur in the next . . . ?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	23%	22%	24%	25%	21%	25%	20%	23%	19%	29%	*
Somewhat likely	28%	26%	29%	30%	27%	27%	28%	28%	32%	22%	*
Not very likely	20%	24%	17%	21%	19%	19%	23%	20%	16%	17%	*
Impossible	10%	12%	9%	15%	10%	9%	8%	10%	10%	14%	*
Not sure	19%	17%	21%	10%	23%	20%	21%	18%	22%	18%	*
Totals	100%	101%	100%	101%	100%	100%	100%	99%	99%	100%	*
Unweighted N	(954)	(458)	(496)	(200)	(218)	(315)	(221)	(639)	(119)	(143)	(53)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	23%	21%	24%	24%	23%	23%	24%	25%	20%	21%	21%	24%	23%
Somewhat likely	28%	33%	28%	22%	34%	25%	25%	31%	31%	28%	27%	27%	30%
Not very likely	20%	19%	20%	22%	18%	22%	17%	21%	24%	19%	21%	21%	21%
Impossible	10%	9%	9%	13%	6%	13%	10%	8%	13%	10%	13%	11%	7%
Not sure	19%	18%	19%	19%	19%	17%	24%	14%	13%	22%	18%	18%	19%
Totals	100%	100%	100%	100%	100%	100%	100%	99%	101%	100%	100%	101%	100%
Unweighted N	(954)	(362)	(319)	(273)	(368)	(318)	(385)	(263)	(213)	(170)	(215)	(352)	(217)

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1D. Likelihood of Human Race Ending — One million years

How likely, if at all, do you think it is that the end of the human race on Earth will occur in the next . . . ?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	41%	41%	40%	38%	33%	47%	41%	43%	30%	38%	*
Somewhat likely	18%	17%	19%	22%	22%	15%	13%	17%	17%	22%	*
Not very likely	10%	11%	9%	14%	9%	5%	13%	9%	15%	9%	*
Impossible	8%	9%	7%	13%	9%	7%	5%	7%	11%	12%	*
Not sure	24%	22%	25%	13%	27%	26%	28%	24%	27%	19%	*
Totals	101%	100%	100%	100%	100%	100%	100%	100%	100%	100%	*
Unweighted N	(954)	(458)	(496)	(197)	(219)	(316)	(222)	(640)	(118)	(143)	(53)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	41%	40%	45%	36%	46%	41%	37%	45%	47%	40%	41%	40%	41%
Somewhat likely	18%	22%	16%	15%	17%	16%	17%	19%	19%	17%	18%	16%	20%
Not very likely	10%	9%	9%	12%	7%	10%	8%	10%	9%	6%	10%	10%	11%
Impossible	8%	7%	7%	11%	8%	8%	8%	7%	9%	7%	7%	10%	6%
Not sure	24%	22%	24%	26%	22%	26%	30%	19%	16%	29%	23%	23%	22%
Totals	101%	100%	101%	100%	100%	101%	100%	100%	100%	99%	99%	99%	100%
Unweighted N	(954)	(360)	(320)	(274)	(367)	(321)	(384)	(264)	(211)	(169)	(212)	(355)	(218)

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2. Concerned About Human Race Ending

How concerned, if at all, are you about the possibility of the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	18%	18%	18%	29%	24%	11%	11%	14%	33%	28%	*
Somewhat concerned	25%	23%	27%	33%	28%	23%	17%	24%	26%	23%	*
Not very concerned	23%	24%	23%	21%	21%	22%	28%	25%	18%	19%	*
Not at all concerned	28%	31%	25%	13%	19%	37%	37%	31%	16%	23%	*
Not sure	7%	5%	8%	4%	8%	7%	7%	6%	8%	6%	*
Totals	101%	101%	101%	100%	100%	100%	100%	100%	101%	99%	*
Unweighted N	(989)	(474)	(515)	(207)	(225)	(324)	(233)	(664)	(119)	(150)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very concerned	18%	21%	19%	13%	21%	10%	20%	14%	18%	23%	13%	17%	19%
Somewhat concerned	25%	32%	20%	23%	28%	19%	25%	29%	22%	25%	24%	23%	29%
Not very concerned	23%	21%	26%	22%	25%	22%	19%	25%	26%	19%	29%	22%	23%
Not at all concerned	28%	20%	27%	37%	21%	43%	27%	29%	28%	25%	29%	31%	23%
Not sure	7%	6%	8%	5%	4%	6%	8%	3%	6%	8%	6%	7%	5%
Totals	101%	100%	100%	100%	99%	100%	99%	100%	100%	100%	101%	100%	99%
Unweighted N	(989)	(370)	(337)	(282)	(374)	(331)	(403)	(266)	(220)	(176)	(222)	(371)	(220)

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3A. Cause for Human Race Ending — Artificial intelligence

How likely, if at all, do you think it is that the following would cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	17%	20%	14%	24%	21%	15%	8%	14%	34%	21%	*
Somewhat likely	27%	31%	24%	25%	34%	27%	23%	29%	22%	29%	*
Not very likely	33%	31%	35%	30%	23%	38%	41%	35%	24%	27%	*
Impossible	10%	9%	11%	14%	10%	8%	11%	10%	6%	16%	*
Not sure	12%	9%	15%	7%	12%	13%	17%	12%	15%	7%	*
Totals	99%	100%	99%	100%	100%	101%	100%	100%	101%	100%	*
Unweighted N	(987)	(472)	(515)	(206)	(225)	(322)	(234)	(661)	(120)	(150)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	17%	18%	17%	15%	15%	14%	18%	18%	15%	19%	12%	17%	20%
Somewhat likely	27%	25%	28%	29%	27%	26%	26%	28%	33%	26%	28%	27%	28%
Not very likely	33%	35%	33%	32%	38%	36%	31%	37%	32%	30%	38%	33%	32%
Impossible	10%	8%	10%	14%	8%	13%	11%	8%	11%	11%	8%	12%	9%
Not sure	12%	14%	12%	10%	12%	10%	15%	9%	9%	14%	14%	11%	12%
Totals	99%	100%	100%	100%	100%	99%	101%	100%	100%	100%	100%	100%	101%
Unweighted N	(987)	(368)	(336)	(283)	(375)	(329)	(406)	(264)	(218)	(176)	(221)	(367)	(223)

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3B. Cause for Human Race Ending — Nuclear weapons

How likely, if at all, do you think it is that the following would cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	36%	34%	37%	36%	33%	37%	36%	34%	43%	47%	*
Somewhat likely	34%	33%	35%	30%	34%	36%	36%	37%	24%	29%	*
Not very likely	17%	21%	13%	20%	16%	15%	20%	17%	21%	12%	*
Impossible	7%	7%	7%	10%	8%	5%	5%	7%	6%	7%	*
Not sure	6%	4%	8%	4%	10%	7%	3%	5%	6%	7%	*
Totals	100%	99%	100%	100%	101%	100%	100%	100%	100%	102%	*
Unweighted N	(983)	(469)	(514)	(204)	(225)	(323)	(231)	(659)	(119)	(149)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	36%	40%	35%	31%	38%	29%	40%	34%	29%	38%	38%	33%	36%
Somewhat likely	34%	31%	37%	35%	37%	36%	31%	38%	40%	34%	34%	35%	34%
Not very likely	17%	18%	16%	17%	16%	20%	15%	18%	18%	14%	17%	18%	18%
Impossible	7%	5%	5%	11%	4%	11%	7%	6%	8%	8%	5%	8%	6%
Not sure	6%	5%	7%	5%	5%	5%	8%	3%	5%	6%	6%	6%	5%
Totals	100%	99%	100%	99%	100%	101%	101%	99%	100%	100%	100%	100%	99%
Unweighted N	(983)	(366)	(335)	(282)	(372)	(328)	(404)	(263)	(217)	(174)	(218)	(369)	(222)

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3C. Cause for Human Race Ending — A pandemic

How likely, if at all, do you think it is that the following would cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	22%	22%	21%	29%	24%	20%	16%	16%	36%	33%	*
Somewhat likely	34%	35%	33%	33%	30%	38%	33%	35%	35%	33%	*
Not very likely	29%	28%	30%	25%	24%	28%	38%	32%	16%	21%	*
Impossible	7%	9%	5%	7%	8%	6%	8%	9%	5%	5%	*
Not sure	8%	6%	11%	6%	14%	8%	5%	8%	8%	8%	*
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	*
Unweighted N	(987)	(472)	(515)	(206)	(225)	(323)	(233)	(664)	(120)	(147)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	22%	26%	23%	14%	26%	12%	25%	23%	17%	21%	21%	22%	22%
Somewhat likely	34%	39%	33%	29%	40%	26%	32%	37%	35%	38%	32%	34%	33%
Not very likely	29%	22%	29%	36%	22%	42%	26%	27%	32%	24%	33%	28%	29%
Impossible	7%	3%	6%	13%	4%	12%	6%	8%	7%	6%	7%	8%	7%
Not sure	8%	9%	9%	7%	8%	7%	10%	5%	9%	11%	8%	8%	9%
Totals	100%	99%	100%	99%	100%	99%	99%	100%	100%	100%	101%	100%	100%
Unweighted N	(987)	(366)	(337)	(284)	(374)	(330)	(405)	(266)	(218)	(173)	(223)	(369)	(222)

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3D. Cause for Human Race Ending — Climate change

How likely, if at all, do you think it is that the following would cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	26%	23%	30%	35%	29%	21%	24%	23%	30%	44%	*
Somewhat likely	27%	27%	28%	34%	30%	24%	22%	25%	45%	19%	*
Not very likely	27%	31%	24%	20%	23%	33%	31%	32%	14%	19%	*
Impossible	12%	15%	9%	7%	7%	15%	19%	15%	3%	9%	*
Not sure	7%	4%	9%	4%	11%	8%	3%	6%	8%	8%	*
Totals	99%	100%	100%	100%	100%	101%	99%	101%	100%	99%	*
Unweighted N	(986)	(473)	(513)	(205)	(225)	(323)	(233)	(661)	(120)	(149)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	26%	39%	26%	11%	42%	10%	27%	24%	31%	28%	25%	25%	28%
Somewhat likely	27%	36%	25%	21%	36%	16%	27%	31%	24%	28%	28%	26%	29%
Not very likely	27%	16%	29%	38%	14%	43%	25%	29%	27%	26%	30%	29%	22%
Impossible	12%	3%	12%	24%	3%	26%	12%	12%	13%	10%	12%	14%	12%
Not sure	7%	6%	9%	5%	4%	5%	9%	4%	4%	8%	6%	6%	8%
Totals	99%	100%	101%	99%	99%	100%	100%	100%	99%	100%	101%	100%	99%
Unweighted N	(986)	(368)	(335)	(283)	(374)	(330)	(405)	(265)	(219)	(176)	(221)	(366)	(223)

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3E. Cause for Human Race Ending — World war

How likely, if at all, do you think it is that the following would cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	30%	29%	30%	35%	32%	30%	22%	26%	41%	45%	*
Somewhat likely	37%	39%	35%	31%	37%	39%	40%	39%	38%	27%	*
Not very likely	20%	18%	22%	22%	15%	19%	26%	22%	10%	18%	*
Impossible	6%	7%	4%	7%	5%	5%	7%	6%	4%	5%	*
Not sure	7%	6%	8%	5%	11%	7%	5%	6%	8%	5%	*
Totals	100%	99%	99%	100%	100%	100%	100%	99%	101%	100%	*
Unweighted N	(985)	(470)	(515)	(205)	(223)	(324)	(233)	(662)	(119)	(148)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	30%	35%	28%	26%	31%	26%	32%	30%	25%	31%	30%	31%	28%
Somewhat likely	37%	38%	38%	35%	38%	38%	37%	39%	39%	38%	39%	34%	41%
Not very likely	20%	18%	21%	22%	21%	23%	17%	22%	23%	19%	21%	21%	19%
Impossible	6%	3%	5%	11%	4%	8%	6%	4%	8%	5%	3%	7%	5%
Not sure	7%	7%	8%	6%	6%	5%	9%	4%	6%	7%	7%	7%	7%
Totals	100%	101%	100%	100%	100%	100%	101%	99%	101%	100%	100%	100%	100%
Unweighted N	(985)	(368)	(336)	(281)	(375)	(330)	(404)	(266)	(218)	(176)	(221)	(366)	(222)

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3F. Cause for Human Race Ending — Asteroid impact

How likely, if at all, do you think it is that the following would cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	17%	20%	14%	28%	21%	12%	11%	13%	26%	31%	*
Somewhat likely	33%	38%	29%	31%	32%	36%	32%	34%	31%	30%	*
Not very likely	33%	28%	38%	26%	28%	35%	43%	36%	24%	25%	*
Impossible	7%	7%	7%	9%	6%	6%	6%	7%	7%	7%	*
Not sure	10%	7%	12%	6%	12%	11%	8%	9%	12%	8%	*
Totals	100%	100%	100%	100%	99%	100%	100%	99%	100%	101%	*
Unweighted N	(988)	(472)	(516)	(206)	(226)	(322)	(234)	(662)	(119)	(151)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	17%	18%	18%	15%	16%	12%	22%	13%	15%	14%	17%	19%	17%
Somewhat likely	33%	31%	34%	33%	34%	33%	34%	35%	32%	35%	33%	31%	36%
Not very likely	33%	35%	33%	32%	35%	38%	27%	37%	37%	32%	37%	32%	34%
Impossible	7%	6%	4%	11%	5%	10%	6%	7%	8%	7%	4%	9%	5%
Not sure	10%	9%	11%	9%	10%	7%	11%	8%	8%	12%	9%	10%	8%
Totals	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	101%	100%
Unweighted N	(988)	(369)	(336)	(283)	(374)	(330)	(404)	(266)	(220)	(175)	(222)	(369)	(222)

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3G. Cause for Human Race Ending — Alien invasion

How likely, if at all, do you think it is that the following would cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	9%	11%	7%	22%	12%	4%	2%	5%	26%	14%	*
Somewhat likely	16%	16%	15%	22%	23%	12%	7%	14%	21%	21%	*
Not very likely	43%	42%	44%	33%	30%	51%	53%	45%	34%	36%	*
Impossible	22%	21%	24%	18%	20%	23%	28%	26%	9%	21%	*
Not sure	10%	9%	11%	5%	15%	10%	9%	9%	11%	8%	*
Totals	100%	99%	101%	100%	100%	100%	99%	99%	101%	100%	*
Unweighted N	(988)	(471)	(517)	(203)	(227)	(324)	(234)	(664)	(120)	(149)	(55)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	9%	13%	8%	5%	10%	5%	11%	9%	9%	10%	9%	9%	9%
Somewhat likely	16%	17%	15%	15%	15%	13%	17%	14%	17%	17%	10%	19%	14%
Not very likely	43%	41%	45%	41%	47%	44%	41%	44%	42%	39%	47%	40%	46%
Impossible	22%	20%	20%	29%	20%	30%	21%	24%	23%	22%	23%	22%	22%
Not sure	10%	9%	12%	9%	8%	8%	11%	10%	8%	12%	12%	9%	9%
Totals	100%	100%	100%	99%	100%	100%	101%	101%	99%	100%	101%	99%	100%
Unweighted N	(988)	(369)	(334)	(285)	(375)	(330)	(404)	(267)	(219)	(176)	(221)	(369)	(222)

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3H. Cause for Human Race Ending — An act of God

How likely, if at all, do you think it is that the following would cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	38%	38%	38%	41%	35%	42%	30%	34%	53%	42%	*
Somewhat likely	24%	24%	24%	26%	26%	20%	25%	23%	25%	27%	*
Not very likely	16%	18%	15%	14%	13%	17%	21%	18%	8%	15%	*
Impossible	12%	13%	11%	11%	13%	10%	15%	15%	3%	7%	*
Not sure	10%	8%	12%	8%	13%	11%	9%	10%	11%	8%	*
Totals	100%	101%	100%	100%	100%	100%	100%	100%	100%	99%	*
Unweighted N	(988)	(472)	(516)	(206)	(226)	(323)	(233)	(663)	(120)	(149)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	38%	32%	37%	46%	30%	43%	42%	36%	32%	38%	33%	43%	34%
Somewhat likely	24%	26%	22%	24%	25%	24%	21%	23%	27%	22%	28%	21%	26%
Not very likely	16%	17%	16%	15%	18%	16%	14%	20%	18%	17%	19%	12%	20%
Impossible	12%	15%	14%	6%	18%	7%	9%	14%	16%	12%	8%	14%	11%
Not sure	10%	11%	11%	9%	9%	9%	14%	8%	7%	11%	11%	10%	9%
Totals	100%	101%	100%	100%	100%	99%	100%	101%	100%	100%	99%	100%	100%
Unweighted N	(988)	(368)	(337)	(283)	(374)	(329)	(407)	(265)	(217)	(175)	(223)	(370)	(220)

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3I. Cause for Human Race Ending — Global inability to have children

How likely, if at all, do you think it is that the following would cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very likely	16%	19%	12%	27%	15%	10%	14%	12%	28%	22%	*
Somewhat likely	20%	19%	22%	22%	23%	17%	21%	20%	20%	24%	*
Not very likely	39%	40%	38%	30%	31%	44%	47%	42%	27%	34%	*
Impossible	16%	15%	17%	16%	16%	17%	14%	17%	16%	11%	*
Not sure	9%	7%	11%	5%	15%	12%	5%	9%	8%	8%	*
Totals	100%	100%	100%	100%	100%	100%	101%	100%	99%	99%	*
Unweighted N	(981)	(470)	(511)	(204)	(223)	(321)	(233)	(658)	(118)	(149)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very likely	16%	18%	15%	14%	16%	14%	17%	15%	16%	20%	12%	15%	18%
Somewhat likely	20%	23%	20%	19%	21%	21%	22%	21%	19%	13%	24%	23%	20%
Not very likely	39%	40%	37%	39%	40%	41%	37%	40%	42%	41%	42%	38%	35%
Impossible	16%	12%	16%	20%	15%	18%	14%	17%	16%	15%	13%	17%	17%
Not sure	9%	7%	13%	7%	8%	7%	11%	7%	7%	10%	9%	8%	11%
Totals	100%	100%	101%	99%	100%	101%	101%	100%	100%	99%	100%	101%	101%
Unweighted N	(981)	(365)	(333)	(283)	(372)	(327)	(403)	(263)	(217)	(176)	(218)	(366)	(221)

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4A. Concerned About Cause for Human Race Ending — Artificial intelligence

How concerned, if at all, are you about the possibility that the following will cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	18%	20%	16%	26%	25%	14%	8%	15%	32%	26%	*
Somewhat concerned	28%	30%	25%	34%	28%	27%	22%	27%	28%	29%	*
Not very concerned	24%	22%	26%	17%	17%	26%	36%	27%	17%	14%	*
Not at all concerned	13%	15%	11%	6%	10%	18%	14%	13%	11%	8%	*
Not sure	8%	5%	10%	3%	10%	8%	10%	8%	7%	7%	*
Not asked — considers it impossible that this would cause the end of the human race	10%	9%	11%	14%	10%	8%	11%	10%	6%	16%	*
Totals	101%	101%	99%	100%	100%	101%	101%	100%	101%	100%	*
Unweighted N	(991)	(474)	(517)	(206)	(226)	(324)	(235)	(666)	(120)	(150)	(55)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very concerned	18%	20%	17%	17%	16%	15%	19%	19%	19%	25%	15%	14%	20%
Somewhat concerned	28%	30%	26%	27%	30%	27%	24%	29%	26%	22%	25%	28%	32%
Not very concerned	24%	25%	26%	21%	26%	23%	23%	26%	25%	22%	28%	25%	21%
Not at all concerned	13%	10%	13%	15%	13%	16%	14%	14%	11%	10%	14%	14%	11%
Not sure	8%	8%	8%	7%	6%	6%	9%	4%	8%	9%	10%	6%	7%
Not asked — considers it impossible that this would cause the end of the human race	10%	8%	10%	14%	8%	13%	11%	8%	11%	11%	8%	12%	9%
Totals	101%	101%	100%	101%	99%	100%	100%	100%	100%	99%	100%	99%	100%

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	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Unweighted N	(991)	(369)	(338)	(284)	(375)	(331)	(406)	(267)	(219)	(176)	(221)	(371)	(223)

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4B. Concerned About Cause for Human Race Ending — Nuclear weapons

How concerned, if at all, are you about the possibility that the following will cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	33%	32%	35%	39%	31%	31%	34%	31%	43%	42%	*
Somewhat concerned	33%	34%	31%	28%	32%	35%	33%	34%	28%	29%	*
Not very concerned	15%	14%	16%	15%	11%	14%	20%	16%	8%	11%	*
Not at all concerned	7%	9%	5%	5%	7%	9%	6%	7%	9%	5%	*
Not sure	5%	4%	7%	2%	11%	5%	3%	5%	6%	6%	*
Not asked — considers it impossible that this would cause the end of the human race	7%	7%	6%	10%	8%	5%	5%	7%	6%	7%	*
Totals	100%	100%	100%	99%	100%	99%	101%	100%	100%	100%	*
Unweighted N	(989)	(472)	(517)	(206)	(224)	(324)	(235)	(666)	(118)	(149)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very concerned	33%	40%	35%	24%	38%	25%	34%	37%	27%	33%	36%	31%	36%
Somewhat concerned	33%	34%	30%	34%	38%	34%	33%	33%	35%	35%	37%	31%	29%
Not very concerned	15%	12%	16%	17%	11%	18%	14%	15%	17%	14%	13%	16%	16%
Not at all concerned	7%	4%	6%	11%	5%	10%	6%	7%	8%	4%	4%	10%	6%
Not sure	5%	4%	8%	4%	4%	3%	6%	2%	5%	5%	5%	4%	7%
Not asked — considers it impossible that this would cause the end of the human race	7%	5%	5%	11%	4%	11%	7%	6%	8%	8%	5%	8%	6%
Totals	100%	99%	100%	101%	100%	101%	100%	100%	100%	99%	100%	100%	100%

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	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Unweighted N	(989)	(368)	(338)	(283)	(375)	(332)	(406)	(266)	(219)	(175)	(222)	(369)	(223)

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4C. Concerned About Cause for Human Race Ending — A pandemic

How concerned, if at all, are you about the possibility that the following will cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	22%	20%	24%	32%	25%	18%	14%	16%	36%	38%	*
Somewhat concerned	31%	32%	30%	31%	29%	31%	34%	33%	27%	26%	*
Not very concerned	24%	23%	25%	19%	19%	27%	31%	28%	15%	18%	*
Not at all concerned	9%	11%	8%	7%	9%	12%	8%	9%	10%	8%	*
Not sure	6%	4%	8%	4%	9%	6%	4%	6%	7%	5%	*
Not asked — considers it impossible that this would cause the end of the human race	7%	9%	5%	7%	8%	6%	8%	9%	5%	5%	*
Totals	99%	99%	100%	100%	99%	100%	99%	101%	100%	100%	*
Unweighted N	(990)	(473)	(517)	(207)	(225)	(324)	(234)	(666)	(118)	(150)	(56)

	Party ID				2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very concerned	22%	29%	22%	13%	27%	11%	25%	23%	18%	26%	19%	19%	26%
Somewhat concerned	31%	38%	30%	25%	37%	28%	29%	34%	32%	27%	34%	32%	31%
Not very concerned	24%	18%	24%	31%	20%	32%	23%	24%	26%	25%	26%	24%	22%
Not at all concerned	9%	5%	10%	13%	7%	14%	10%	9%	11%	8%	7%	12%	8%
Not sure	6%	6%	7%	4%	5%	3%	8%	2%	5%	8%	6%	4%	7%
Not asked — considers it impossible that this would cause the end of the human race	7%	3%	6%	13%	4%	12%	6%	8%	7%	6%	7%	8%	7%
Totals	99%	99%	99%	99%	100%	100%	101%	100%	99%	100%	99%	99%	101%

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	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Unweighted N	(990)	(367)	(338)	(285)	(374)	(331)	(405)	(267)	(219)	(176)	(223)	(368)	(223)

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4D. Concerned About Cause for Human Race Ending — Climate change

How concerned, if at all, are you about the possibility that the following will cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	29%	28%	30%	42%	28%	24%	26%	25%	40%	45%	*
Somewhat concerned	23%	19%	27%	29%	31%	19%	15%	22%	29%	21%	*
Not very concerned	20%	21%	18%	14%	17%	22%	23%	23%	12%	13%	*
Not at all concerned	11%	12%	9%	3%	8%	15%	14%	11%	11%	7%	*
Not sure	5%	4%	7%	4%	9%	5%	3%	5%	7%	5%	*
Not asked — considers it impossible that this would cause the end of the human race	12%	15%	9%	7%	7%	14%	19%	15%	3%	9%	*
Totals	100%	99%	100%	99%	100%	99%	100%	101%	102%	100%	*
Unweighted N	(990)	(472)	(518)	(206)	(227)	(324)	(233)	(664)	(120)	(150)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very concerned	29%	47%	27%	11%	48%	10%	32%	28%	28%	33%	29%	26%	32%
Somewhat concerned	23%	28%	20%	21%	25%	16%	21%	25%	25%	25%	23%	21%	24%
Not very concerned	20%	12%	23%	24%	13%	27%	18%	20%	21%	17%	21%	22%	16%
Not at all concerned	11%	5%	11%	16%	6%	19%	11%	13%	9%	8%	10%	13%	9%
Not sure	5%	6%	6%	4%	4%	3%	6%	2%	5%	7%	5%	3%	7%
Not asked — considers it impossible that this would cause the end of the human race	12%	3%	12%	24%	3%	26%	12%	12%	13%	10%	12%	14%	12%
Totals	100%	101%	99%	100%	99%	101%	100%	100%	101%	100%	100%	99%	100%

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	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Unweighted N	(990)	(370)	(337)	(283)	(376)	(330)	(405)	(267)	(218)	(176)	(223)	(367)	(224)

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4E. Concerned About Cause for Human Race Ending — World war

How concerned, if at all, are you about the possibility that the following will cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	31%	30%	32%	41%	34%	25%	28%	28%	39%	48%	*
Somewhat concerned	34%	34%	35%	27%	34%	40%	34%	37%	27%	24%	*
Not very concerned	16%	16%	15%	18%	12%	14%	21%	16%	17%	12%	*
Not at all concerned	8%	8%	8%	5%	7%	11%	7%	8%	7%	6%	*
Not sure	5%	4%	7%	4%	9%	5%	3%	5%	6%	6%	*
Not asked — considers it impossible that this would cause the end of the human race	6%	7%	4%	7%	5%	5%	7%	6%	4%	5%	*
Totals	100%	99%	101%	102%	101%	100%	100%	100%	100%	101%	*
Unweighted N	(990)	(474)	(516)	(206)	(226)	(323)	(235)	(665)	(120)	(149)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very concerned	31%	39%	30%	24%	34%	22%	35%	29%	26%	33%	27%	29%	38%
Somewhat concerned	34%	37%	33%	33%	38%	37%	32%	40%	37%	36%	41%	31%	33%
Not very concerned	16%	12%	17%	18%	14%	19%	13%	17%	17%	15%	18%	18%	10%
Not at all concerned	8%	4%	9%	10%	6%	12%	8%	8%	7%	5%	7%	10%	7%
Not sure	5%	5%	7%	3%	4%	3%	7%	2%	4%	6%	5%	4%	6%
Not asked — considers it impossible that this would cause the end of the human race	6%	3%	5%	11%	4%	8%	6%	4%	8%	5%	3%	7%	5%
Totals	100%	100%	101%	99%	100%	101%	101%	100%	99%	100%	101%	99%	99%

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	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Unweighted N	(990)	(368)	(339)	(283)	(374)	(332)	(407)	(265)	(219)	(175)	(222)	(371)	(222)

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4F. Concerned About Cause for Human Race Ending — Asteroid impact

How concerned, if at all, are you about the possibility that the following will cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	15%	17%	14%	31%	19%	8%	7%	10%	31%	31%	*
Somewhat concerned	22%	22%	22%	26%	25%	19%	18%	21%	27%	23%	*
Not very concerned	32%	29%	35%	20%	24%	39%	42%	37%	15%	23%	*
Not at all concerned	16%	19%	14%	8%	13%	22%	20%	18%	12%	11%	*
Not sure	8%	6%	9%	5%	13%	7%	6%	7%	8%	5%	*
Not asked — considers it impossible that this would cause the end of the human race	7%	7%	7%	9%	6%	6%	6%	7%	7%	7%	*
Totals	100%	100%	101%	99%	100%	101%	99%	100%	100%	100%	*
Unweighted N	(989)	(472)	(517)	(206)	(227)	(323)	(233)	(663)	(119)	(151)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very concerned	15%	19%	16%	11%	16%	9%	20%	14%	10%	15%	7%	16%	22%
Somewhat concerned	22%	29%	18%	19%	21%	21%	23%	24%	20%	23%	23%	20%	23%
Not very concerned	32%	27%	36%	33%	33%	37%	26%	35%	36%	30%	42%	31%	26%
Not at all concerned	16%	13%	16%	20%	17%	20%	17%	15%	17%	15%	15%	18%	16%
Not sure	8%	6%	9%	7%	8%	3%	8%	5%	8%	10%	8%	6%	8%
Not asked — considers it impossible that this would cause the end of the human race	7%	6%	4%	11%	5%	10%	6%	7%	8%	7%	4%	9%	5%
Totals	100%	100%	99%	101%	100%	100%	100%	100%	99%	100%	99%	100%	100%

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	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Unweighted N	(989)	(367)	(339)	(283)	(374)	(331)	(405)	(267)	(219)	(176)	(221)	(370)	(222)

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4G. Concerned About Cause for Human Race Ending — Alien invasion

How concerned, if at all, are you about the possibility that the following will cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	12%	12%	13%	27%	22%	3%	2%	8%	25%	23%	*
Somewhat concerned	13%	15%	12%	22%	23%	7%	4%	10%	25%	17%	*
Not very concerned	26%	23%	28%	20%	15%	30%	36%	29%	17%	19%	*
Not at all concerned	21%	25%	17%	11%	11%	31%	26%	21%	17%	16%	*
Not sure	6%	4%	7%	3%	9%	6%	4%	6%	6%	4%	*
Not asked — considers it impossible that this would cause the end of the human race	22%	21%	24%	18%	20%	23%	28%	26%	9%	20%	*
Totals	100%	100%	101%	101%	100%	100%	100%	100%	99%	99%	*
Unweighted N	(992)	(475)	(517)	(207)	(227)	(324)	(234)	(666)	(120)	(150)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very concerned	12%	16%	10%	11%	12%	8%	13%	12%	12%	14%	12%	12%	12%
Somewhat concerned	13%	16%	11%	13%	13%	11%	13%	14%	15%	12%	10%	15%	14%
Not very concerned	26%	26%	28%	22%	26%	26%	26%	25%	23%	26%	25%	26%	24%
Not at all concerned	21%	17%	24%	22%	23%	24%	20%	23%	22%	19%	25%	19%	21%
Not sure	6%	6%	7%	4%	5%	3%	7%	3%	5%	7%	5%	5%	6%
Not asked — considers it impossible that this would cause the end of the human race	22%	20%	20%	29%	20%	29%	21%	23%	23%	22%	22%	22%	22%
Totals	100%	101%	100%	101%	99%	101%	100%	100%	100%	100%	99%	99%	99%

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	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Unweighted N	(992)	(368)	(339)	(285)	(374)	(332)	(407)	(268)	(219)	(176)	(223)	(371)	(222)

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4H. Concerned About Cause for Human Race Ending — An act of God

How concerned, if at all, are you about the possibility that the following will cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	24%	24%	24%	38%	30%	16%	15%	18%	41%	42%	*
Somewhat concerned	18%	18%	18%	19%	19%	18%	15%	17%	17%	19%	*
Not very concerned	22%	21%	23%	18%	19%	27%	22%	25%	14%	13%	*
Not at all concerned	17%	19%	16%	7%	11%	21%	27%	18%	13%	15%	*
Not sure	8%	6%	9%	7%	9%	7%	7%	8%	11%	4%	*
Not asked — considers it impossible that this would cause the end of the human race	12%	13%	11%	11%	13%	10%	15%	14%	3%	7%	*
Totals	101%	101%	101%	100%	101%	99%	101%	100%	99%	100%	*
Unweighted N	(990)	(474)	(516)	(206)	(226)	(324)	(234)	(666)	(119)	(150)	(55)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very concerned	24%	27%	20%	25%	23%	20%	28%	18%	20%	24%	20%	26%	24%
Somewhat concerned	18%	20%	16%	19%	16%	20%	19%	17%	15%	17%	16%	18%	20%
Not very concerned	22%	20%	21%	26%	20%	23%	19%	25%	27%	25%	29%	18%	20%
Not at all concerned	17%	10%	20%	20%	14%	24%	16%	21%	15%	15%	18%	17%	19%
Not sure	8%	9%	8%	5%	8%	4%	9%	6%	7%	7%	9%	7%	7%
Not asked — considers it impossible that this would cause the end of the human race	12%	15%	14%	6%	19%	7%	9%	14%	16%	12%	8%	14%	11%
Totals	101%	101%	99%	101%	100%	98%	100%	101%	100%	100%	100%	100%	101%

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	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Unweighted N	(990)	(367)	(338)	(285)	(373)	(332)	(406)	(267)	(219)	(176)	(223)	(369)	(222)

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4I. Concerned About Cause for Human Race Ending — Global inability to have children

How concerned, if at all, are you about the possibility that the following will cause the end of the human race on Earth?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	13%	16%	10%	27%	17%	7%	5%	9%	25%	24%	*
Somewhat concerned	18%	17%	19%	22%	21%	11%	19%	16%	21%	21%	*
Not very concerned	26%	25%	27%	21%	22%	29%	32%	28%	21%	23%	*
Not at all concerned	21%	22%	19%	9%	12%	31%	25%	24%	11%	17%	*
Not sure	7%	5%	8%	5%	12%	5%	6%	7%	6%	4%	*
Not asked — considers it impossible that this would cause the end of the human race	16%	15%	16%	16%	16%	16%	14%	16%	16%	11%	*
Totals	101%	100%	99%	100%	100%	99%	101%	100%	100%	100%	*
Unweighted N	(991)	(473)	(518)	(207)	(225)	(324)	(235)	(666)	(120)	(149)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very concerned	13%	19%	11%	9%	15%	10%	16%	12%	14%	19%	10%	12%	15%
Somewhat concerned	18%	20%	15%	19%	17%	16%	18%	19%	16%	16%	15%	18%	21%
Not very concerned	26%	23%	29%	26%	26%	26%	21%	28%	29%	25%	33%	25%	23%
Not at all concerned	21%	19%	21%	22%	21%	26%	23%	21%	19%	18%	22%	24%	17%
Not sure	7%	7%	9%	4%	5%	3%	8%	3%	6%	7%	8%	5%	8%
Not asked — considers it impossible that this would cause the end of the human race	16%	12%	15%	20%	15%	18%	14%	17%	16%	15%	13%	17%	17%
Totals	101%	100%	100%	100%	99%	99%	100%	100%	100%	100%	101%	101%	101%

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	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Unweighted N	(991)	(368)	(339)	(284)	(374)	(332)	(407)	(267)	(218)	(175)	(222)	(371)	(223)

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5. Repeat wording - Support for Pause of AI Development

More than 1,000 technology leaders recently signed an open letter calling on researchers to pause development of certain large-scale AI systems for at least six months world-wide, citing fears of the "profound risks to society and humanity." Would you support or oppose a six-month pause on some kinds of AI development?

Asked of a random sample of one-third of respondents

	Total	Gender		Age (4 category)				Race (4 category)			
		Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Strongly support	37%	37%	36%	*	*	40%	*	40%	*	*	*
Somewhat support	24%	22%	27%	*	*	15%	*	28%	*	*	*
Somewhat oppose	14%	17%	11%	*	*	11%	*	8%	*	*	*
Strongly oppose	5%	7%	4%	*	*	7%	*	5%	*	*	*
Not sure	20%	16%	23%	*	*	27%	*	19%	*	*	*
Totals	100%	99%	101%	*	*	100%	*	100%	*	*	*
Unweighted N	(331)	(153)	(178)	(65)	(80)	(108)	(78)	(227)	(36)	(46)	(22)

	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Strongly support	37%	32%	34%	*	40%	46%	34%	*	*	*	*	30%	*
Somewhat support	24%	29%	18%	*	26%	24%	21%	*	*	*	*	20%	*
Somewhat oppose	14%	14%	16%	*	12%	11%	14%	*	*	*	*	17%	*
Strongly oppose	5%	6%	5%	*	6%	4%	6%	*	*	*	*	9%	*
Not sure	20%	18%	27%	*	15%	15%	25%	*	*	*	*	25%	*
Totals	100%	99%	100%	*	99%	100%	100%	*	*	*	*	101%	*
Unweighted N	(331)	(126)	(107)	(98)	(119)	(112)	(137)	(88)	(72)	(71)	(79)	(105)	(76)

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6. No context - Support for Pause of AI Development

Would you support or oppose a six-month pause on some kinds of AI development?

Asked of a random sample of one-third of respondents

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Strongly support	29%	24%	34%	*	*	32%	*	31%	*	*	*
Somewhat support	29%	33%	25%	*	*	25%	*	28%	*	*	*
Somewhat oppose	18%	23%	13%	*	*	12%	*	16%	*	*	*
Strongly oppose	5%	5%	4%	*	*	1%	*	5%	*	*	*
Not sure	20%	16%	24%	*	*	30%	*	20%	*	*	*
Totals	101%	101%	100%	*	*	100%	*	100%	*	*	*
Unweighted N	(334)	(167)	(167)	(67)	(79)	(108)	(80)	(228)	(42)	(50)	(14)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Strongly support	29%	21%	24%	*	22%	40%	27%	*	*	*	*	26%	*
Somewhat support	29%	32%	32%	*	34%	25%	29%	*	*	*	*	24%	*
Somewhat oppose	18%	25%	15%	*	21%	8%	15%	*	*	*	*	23%	*
Strongly oppose	5%	5%	6%	*	5%	5%	4%	*	*	*	*	6%	*
Not sure	20%	17%	24%	*	18%	22%	26%	*	*	*	*	21%	*
Totals	101%	100%	101%	*	100%	100%	101%	*	*	*	*	100%	*
Unweighted N	(334)	(124)	(121)	(89)	(126)	(106)	(125)	(92)	(75)	(60)	(71)	(130)	(73)

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7. Opposing wording - Support for Pause of AI Development

More than 1,000 technology leaders recently signed an open letter calling on researchers to pause development of certain large-scale AI systems for at least six months world-wide, citing fears of the "profound risks to society and humanity." Critics said the letter overstated risks and threatens AI research that could "create enormous social and economic benefits across the economy and society." Would you support or oppose a six-month pause on some kinds of AI development?

Asked of a random sample of one-third of respondents

	Total	Gender		Age (4 category)				Race (4 category)			
		Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Strongly support	34%	34%	34%	*	*	32%	*	36%	*	*	*
Somewhat support	26%	26%	25%	*	*	24%	*	27%	*	*	*
Somewhat oppose	13%	18%	8%	*	*	12%	*	14%	*	*	*
Strongly oppose	8%	8%	8%	*	*	5%	*	4%	*	*	*
Not sure	20%	14%	25%	*	*	27%	*	18%	*	*	*
Totals	101%	100%	100%	*	*	100%	*	99%	*	*	*
Unweighted N	(328)	(154)	(174)	(76)	(69)	(106)	(77)	(211)	(42)	(55)	(20)

	Total	Party ID			2020 Vote		Family Income (3 category)			Census Region			
		Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Strongly support	34%	29%	35%	*	33%	40%	36%	*	*	*	*	30%	*
Somewhat support	26%	36%	25%	*	31%	18%	25%	*	*	*	*	27%	*
Somewhat oppose	13%	11%	7%	*	11%	15%	11%	*	*	*	*	12%	*
Strongly oppose	8%	10%	8%	*	7%	7%	8%	*	*	*	*	8%	*
Not sure	20%	15%	25%	*	18%	20%	19%	*	*	*	*	23%	*
Totals	101%	101%	100%	*	100%	100%	99%	*	*	*	*	100%	*
Unweighted N	(328)	(122)	(110)	(96)	(132)	(113)	(144)	(86)	(73)	(45)	(71)	(136)	(76)

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8. Use AI Tools

How often do you use artificial intelligence (AI) tools?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very often	8%	12%	5%	16%	12%	5%	2%	6%	11%	19%	*
Somewhat often	19%	20%	18%	35%	25%	12%	8%	16%	24%	24%	*
Not very often	28%	26%	29%	30%	31%	24%	28%	28%	31%	25%	*
Never	30%	29%	31%	12%	16%	42%	46%	34%	23%	20%	*
Not sure	14%	12%	16%	7%	16%	17%	16%	15%	11%	12%	*
Totals	99%	99%	99%	100%	100%	100%	100%	99%	100%	100%	*
Unweighted N	(993)	(475)	(518)	(206)	(228)	(324)	(235)	(666)	(120)	(151)	(56)

	Party ID			2020 Vote		Family Income (3 category)			Census Region				
	Total	Dem	Ind	Rep	Biden	Trump	< \$50K	\$50-100K	\$100K+	Northeast	Midwest	South	West
Very often	8%	11%	8%	6%	9%	5%	8%	9%	11%	8%	7%	7%	12%
Somewhat often	19%	25%	16%	16%	20%	15%	19%	19%	21%	17%	18%	21%	18%
Not very often	28%	24%	31%	29%	32%	26%	23%	29%	35%	26%	28%	27%	30%
Never	30%	28%	28%	37%	26%	40%	33%	30%	23%	34%	28%	31%	29%
Not sure	14%	13%	17%	12%	14%	14%	17%	13%	9%	15%	18%	14%	12%
Totals	99%	101%	100%	100%	101%	100%	100%	100%	99%	100%	99%	100%	101%
Unweighted N	(993)	(370)	(338)	(285)	(376)	(331)	(406)	(267)	(220)	(175)	(223)	(371)	(224)

YouGov Survey: AI and the End of Humanity

April 7 - 11, 2023 - 1000 U.S. adult citizens



Interviewing Dates	April 7 - 11, 2023
Target population	U.S. citizens, aged 18 and over.
Sampling method	Respondents were selected from YouGov's opt-in Internet panel using sample matching. A random sample (stratified by gender, age, race, education, geographic region, and voter registration) was selected from the 2019 American Community Survey.
Weighting	The sample was weighted according to gender, age, race, education, 2020 election turnout and Presidential vote, baseline party identification, and current voter registration status. Demographic weighting targets come from the 2019 American Community Survey. Baseline party identification is the respondent's most recent answer given prior to March 15, 2022, and is weighted to the estimated distribution at that time (33% Democratic, 28% Republican). The weights range from 0.235 to 3.791, with a mean of 1 and a standard deviation of 0.413.
Number of respondents	1000
Margin of error	± 3.4% (adjusted for weighting)
Survey mode	Web-based interviews
Questions not reported	74 questions not reported.