YouGov Survey: Emerging Technology

Sample	1000 U.S. adult citizens
Conducted	April 19 - 23, 2023
Margin of Error	±3.4%

1. Which one of the following best describes you?

I'm actively on the lookout to buy new technology devices and services	8%
I'm always keen to use new technology products as soon as they enter the market	8%
I like to get new technology products after they've been out for a while	22%
I sometimes buy new technology products but only when I really like them	22%
I only replace technology products when they go wrong or are broken	35%
Not sure	5%

2. How much have you heard about the following technology?

	A lot	A little	Nothing at all
Artificial intelligence (AI)	41%	49%	10%
Virtual reality (VR)	36%	53%	10%
Self-driving cars	33%	57%	10%
Cryptocurrency	36%	51%	13%
Non-fungible tokens (NFTs)	16%	39%	44%
Quantum computing	15%	34%	51%
Implantable brain-machine interfaces (BMIs)	10%	29%	61%
Personal space travel	13%	46%	41%
Lab-grown meat	17%	52%	32%
Gene editing technology	15%	43%	43%
3D printing	38%	49%	13%
Blockchain	19%	31%	50%
Metaverse	26%	50%	25%
Augmented reality (AR)	22%	43%	35%
Decentralized autonomous organization (DAO)	7%	21%	73%
Artificial organs	15%	51%	35%

3. Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

	Likely	Unlikely	Not sure
Artificial intelligence (AI)	77%	10%	12%
Virtual reality (VR)	73%	12%	16%
Self-driving cars	63%	22%	14%
Cryptocurrency	50%	29%	21%
Non-fungible tokens (NFTs)	41%	39%	20%

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Quantum computing	70%	15%	14%
Implantable brain-machine interfaces (BMIs)	56%	25%	19%
Personal space travel	50%	35%	15%
Lab-grown meat	49%	32%	19%
Gene editing technology	66%	19%	16%
3D printing	82%	9%	9%
Blockchain	58%	22%	20%
Metaverse	51%	24%	26%
Augmented reality (AR)	62%	17%	21%
Decentralized autonomous organization (DAO)	49%	27%	24%
Artificial organs	67%	15%	17%

4. If it becomes widespread, do you think the following technology will be good for society or bad for society?
Asked of those who have heard about each technology

	Good	Bad	Not sure
Artificial intelligence (AI)	37%	33%	30%
Virtual reality (VR)	46%	20%	34%
Self-driving cars	42%	34%	24%
Cryptocurrency	31%	43%	25%
Non-fungible tokens (NFTs)	32%	36%	32%
Quantum computing	66%	10%	24%
Implantable brain-machine interfaces (BMIs)	49%	27%	25%
Personal space travel	46%	22%	32%
Lab-grown meat	35%	42%	23%
Gene editing technology	46%	26%	28%
3D printing	75%	6%	18%
Blockchain	47%	22%	31%
Metaverse	31%	33%	36%
Augmented reality (AR)	44%	22%	34%
Decentralized autonomous organization (DAO)	52%	21%	27%
Artificial organs	67%	13%	20%

5. How important do you think it is for the U.S. government to invest in the following technology?
Asked of those who have heard about the technology

	Very important	Somewhat important	Not important	Not sure
Artificial intelligence (AI)	25%	34%	26%	15%
Virtual reality (VR)	16%	29%	38%	17%
Self-driving cars	17%	29%	43%	11%
Cryptocurrency	14%	19%	49%	17%
Non-fungible tokens (NFTs)	12%	22%	51%	15%
Quantum computing	35%	36%	17%	12%
Implantable brain-machine interfaces (BMIs)	23%	37%	25%	15%
Personal space travel	18%	25%	46%	12%
Lab-grown meat	14%	26%	46%	14%
Gene editing technology	25%	37%	22%	16%
3D printing	30%	38%	21%	11%
Blockchain	18%	31%	33%	17%
Metaverse	15%	19%	45%	21%
Augmented reality (AR)	18%	29%	34%	19%
Decentralized autonomous organization (DAO)	25%	33%	23%	19%
Artificial organs	36%	36%	17%	11%

6. By when, if ever, would you expect computers to become more intelligent than people?

Computers are already more intelligent than people	27%
Before 2025	6%
2025-2049	13%
2050-2099	11%
2100-2199	5%
2200 or later	4%
Never	15%
Not sure	18%

7. How concerned are you about the possibility of computers that are more intelligent than people attacking humanity?

Very concerned	17%
Somewhat concerned	32%
Not very concerned	18%
Not concerned at all	9%
Not sure	10%
Not asked - computers will never become more intelligent than people	15%

YouGov Survey: Emerging Technology

Interviewing Dates	April 19 - 23, 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 0.17 to 5.722, with a mean of 1 and a standard deviation of 0.462.
Number of respondents	1000
Margin of error	$\pm$ 3.4% (adjusted for weighting)
Survey mode	Web-based interviews
Questions not reported	56 questions not reported.

YouGov Survey: Emerging Technology
April 19 - 23, 2023 - 1000 U.S. adult citizens

YouGov

1. Early Adopter of Technology
Which one of the following best describes you?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
I'm actively on the lookout to buy new technology devices and services	8%	9%	7%	13%	13%	4%	2%	5%	16%	13%	*
I'm always keen to use new technology products as soon as they enter the market	8%	11%	6%	19%	9%	5%	3%	7%	18%	7%	*
I like to get new technology products after they've been out for a while	22%	24%	20%	19%	19%	23%	28%	25%	17%	19%	*
I sometimes buy new technology products but only when I really like them	22%	25%	19%	20%	26%	22%	22%	22%	21%	30%	*
I only replace technology products when they go wrong or are broken	35%	26%	42%	24%	25%	42%	44%	37%	22%	28%	*
Not sure	5%	5%	5%	5%	9%	4%	2%	5%	6%	4%	*
Totals	100%	100%	99%	100%	101%	100%	101%	101%	100%	101%	*
Unweighted N	(999)	(473)	(526)	(230)	(186)	(334)	(249)	(661)	(127)	(150)	(61)

YouGov Survey: Emerging Technology
April 19 - 23, 2023 - 1000 U.S. adult citizens

YouGov

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
I'm actively on the lookout to buy new technology devices and services	8%	7%	7%	10%	9%	5%	7%	7%	13%	7%	8%	6%	9%
I'm always keen to use new technology products as soon as they enter the market	8%	11%	9%	5%	8%	5%	8%	10%	8%	10%	7%	9%	8%
I like to get new technology products after they've been out for a while	22%	26%	19%	22%	23%	23%	15%	30%	27%	17%	22%	23%	25%
I sometimes buy new technology products but only when I really like them	22%	21%	22%	24%	23%	26%	20%	22%	26%	21%	22%	24%	21%
I only replace technology products when they go wrong or are broken	35%	31%	36%	38%	35%	37%	45%	29%	23%	39%	35%	33%	33%
Not sure	5%	3%	8%	2%	2%	4%	6%	2%	4%	5%	6%	4%	4%
Totals	100%	99%	101%	101%	100%	100%	101%	100%	101%	99%	100%	99%	100%
Unweighted N	(999)	(365)	(395)	(239)	(387)	(320)	(379)	(287)	(222)	(160)	(194)	(381)	(264)

YouGov Survey: Emerging Technology
April 19 - 23, 2023 - 1000 U.S. adult citizens

YouGov

2A. Heard About Technologies — Artificial intelligence (AI)
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	41%	47%	36%	51%	36%	38%	43%	40%	43%	39%	*
A little	49%	46%	52%	38%	48%	55%	51%	50%	45%	49%	*
Nothing at all	10%	7%	12%	11%	16%	7%	6%	9%	12%	12%	*
Totals	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	*
Unweighted N	(992)	(470)	(522)	(228)	(186)	(331)	(247)	(655)	(126)	(150)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	41%	41%	42%	41%	43%	41%	37%	42%	49%	42%	38%	41%	45%
A little	49%	52%	47%	48%	51%	50%	49%	52%	45%	48%	54%	48%	47%
Nothing at all	10%	7%	11%	11%	6%	9%	14%	7%	5%	10%	8%	11%	8%
Totals	100%	100%	100%	100%	100%	100%	100%	101%	99%	100%	100%	100%	100%
Unweighted N	(992)	(361)	(394)	(237)	(386)	(319)	(378)	(283)	(222)	(159)	(192)	(378)	(263)

YouGov Survey: Emerging Technology
April 19 - 23, 2023 - 1000 U.S. adult citizens

YouGov

2B. Heard About Technologies — Virtual reality (VR)
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	36%	44%	29%	45%	38%	34%	30%	34%	34%	51%	*
A little	53%	46%	60%	47%	44%	57%	64%	56%	53%	37%	*
Nothing at all	10%	10%	11%	8%	18%	9%	7%	10%	12%	12%	*
Totals	99%	100%	100%	100%	100%	100%	101%	100%	99%	100%	*
Unweighted N	(996)	(470)	(526)	(228)	(187)	(334)	(247)	(657)	(127)	(151)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	36%	35%	37%	37%	36%	37%	32%	37%	45%	36%	28%	35%	46%
A little	53%	58%	51%	50%	56%	53%	53%	59%	47%	50%	60%	54%	47%
Nothing at all	10%	6%	12%	13%	8%	10%	15%	4%	7%	13%	12%	11%	7%
Totals	99%	99%	100%	100%	100%	100%	100%	100%	99%	99%	100%	100%	100%
Unweighted N	(996)	(362)	(396)	(238)	(385)	(320)	(380)	(285)	(221)	(160)	(194)	(378)	(264)

YouGov Survey: Emerging Technology
April 19 - 23, 2023 - 1000 U.S. adult citizens

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2C. Heard About Technologies — Self-driving cars
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	33%	39%	28%	38%	26%	34%	36%	31%	35%	41%	*
A little	57%	53%	60%	50%	55%	58%	62%	59%	53%	46%	*
Nothing at all	10%	8%	12%	11%	19%	8%	2%	10%	12%	13%	*
Totals	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	*
Unweighted N	(997)	(472)	(525)	(230)	(187)	(331)	(249)	(658)	(127)	(151)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	33%	36%	33%	31%	37%	33%	29%	35%	42%	30%	29%	36%	36%
A little	57%	56%	56%	59%	57%	58%	57%	59%	53%	57%	58%	56%	55%
Nothing at all	10%	9%	11%	10%	6%	9%	14%	7%	6%	13%	12%	8%	9%
Totals	100%	101%	100%	100%	100%	100%	100%	101%	101%	100%	99%	100%	100%
Unweighted N	(997)	(364)	(395)	(238)	(388)	(319)	(379)	(287)	(222)	(159)	(193)	(380)	(265)

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2D. Heard About Technologies — Cryptocurrency
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	36%	45%	28%	50%	30%	34%	33%	32%	47%	38%	*
A little	51%	46%	55%	38%	51%	54%	57%	56%	39%	44%	*
Nothing at all	13%	10%	16%	12%	19%	12%	10%	12%	14%	18%	*
Totals	100%	101%	99%	100%	100%	100%	100%	100%	100%	100%	*
Unweighted N	(994)	(469)	(525)	(227)	(186)	(333)	(248)	(657)	(126)	(150)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	36%	36%	35%	38%	37%	38%	30%	38%	45%	36%	30%	38%	38%
A little	51%	51%	52%	50%	52%	51%	54%	51%	45%	48%	56%	49%	52%
Nothing at all	13%	14%	14%	12%	11%	11%	16%	11%	10%	16%	14%	13%	10%
Totals	100%	101%	101%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(994)	(362)	(395)	(237)	(387)	(318)	(378)	(285)	(222)	(160)	(193)	(379)	(262)

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2E. Heard About Technologies — Non-fungible tokens (NFTs)
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	16%	20%	12%	30%	15%	12%	10%	13%	23%	22%	*
A little	39%	44%	35%	44%	40%	41%	32%	40%	37%	38%	*
Nothing at all	44%	36%	53%	26%	44%	47%	58%	47%	40%	40%	*
Totals	99%	100%	100%	100%	99%	100%	100%	100%	100%	100%	*
Unweighted N	(995)	(469)	(526)	(229)	(187)	(333)	(246)	(656)	(127)	(151)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	16%	21%	16%	12%	20%	11%	14%	15%	25%	17%	14%	16%	16%
A little	39%	44%	36%	38%	46%	37%	35%	41%	49%	37%	40%	38%	44%
Nothing at all	44%	35%	48%	50%	34%	51%	51%	44%	26%	46%	46%	46%	40%
Totals	99%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(995)	(363)	(395)	(237)	(386)	(319)	(380)	(285)	(221)	(160)	(193)	(378)	(264)

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YouGov

2F. Heard About Technologies — Quantum computing
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	15%	20%	10%	25%	14%	12%	10%	12%	22%	22%	*
A little	34%	44%	25%	40%	39%	31%	30%	35%	27%	30%	*
Nothing at all	51%	35%	65%	35%	47%	57%	60%	53%	51%	48%	*
Totals	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	*
Unweighted N	(992)	(469)	(523)	(229)	(187)	(331)	(245)	(654)	(127)	(150)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	15%	19%	12%	14%	15%	14%	13%	15%	19%	12%	13%	17%	15%
A little	34%	31%	35%	37%	33%	38%	28%	36%	40%	36%	29%	35%	38%
Nothing at all	51%	50%	53%	49%	52%	48%	59%	49%	40%	52%	59%	48%	47%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	101%	100%	100%
Unweighted N	(992)	(364)	(391)	(237)	(386)	(317)	(378)	(287)	(219)	(158)	(192)	(378)	(264)

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YouGov

2G. Heard About Technologies — Implantable brain-machine interfaces (BMIs)
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	10%	13%	8%	23%	14%	5%	3%	8%	18%	19%	*
A little	29%	37%	21%	35%	41%	21%	22%	27%	31%	30%	*
Nothing at all	61%	50%	71%	43%	44%	74%	75%	66%	50%	51%	*
Totals	100%	100%	100%	101%	99%	100%	100%	101%	99%	100%	*
Unweighted N	(996)	(471)	(525)	(230)	(186)	(332)	(248)	(658)	(127)	(150)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	10%	13%	8%	11%	10%	10%	9%	11%	15%	13%	8%	11%	10%
A little	29%	32%	28%	26%	27%	25%	24%	31%	34%	26%	23%	29%	36%
Nothing at all	61%	55%	64%	63%	63%	65%	67%	58%	52%	60%	69%	60%	54%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	101%	99%	100%	100%	100%
Unweighted N	(996)	(364)	(395)	(237)	(387)	(319)	(380)	(287)	(221)	(160)	(190)	(381)	(265)

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YouGov

2H. Heard About Technologies — Personal space travel
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	13%	17%	10%	24%	19%	7%	6%	11%	15%	20%	*
A little	46%	51%	41%	44%	50%	42%	48%	46%	43%	44%	*
Nothing at all	41%	32%	49%	32%	31%	51%	46%	43%	42%	36%	*
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	*
Unweighted N	(992)	(469)	(523)	(226)	(184)	(334)	(248)	(657)	(124)	(150)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	13%	17%	10%	13%	15%	10%	12%	15%	18%	21%	8%	13%	12%
A little	46%	47%	45%	46%	48%	47%	42%	52%	43%	42%	38%	48%	53%
Nothing at all	41%	36%	45%	42%	37%	43%	46%	33%	39%	37%	54%	39%	35%
Totals	100%	100%	100%	101%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(992)	(361)	(395)	(236)	(384)	(319)	(378)	(285)	(220)	(157)	(194)	(378)	(263)

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YouGov

2I. Heard About Technologies — Lab-grown meat
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	17%	18%	15%	26%	15%	15%	12%	15%	21%	20%	*
A little	52%	56%	48%	44%	52%	53%	57%	54%	43%	42%	*
Nothing at all	32%	26%	37%	30%	33%	32%	31%	31%	37%	38%	*
Totals	101%	100%	100%	100%	100%	100%	100%	100%	101%	100%	*
Unweighted N	(997)	(471)	(526)	(230)	(186)	(333)	(248)	(659)	(127)	(151)	(60)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	17%	19%	14%	18%	19%	19%	13%	20%	23%	14%	15%	18%	18%
A little	52%	50%	55%	49%	54%	52%	45%	55%	59%	55%	51%	52%	49%
Nothing at all	32%	31%	31%	33%	27%	29%	42%	25%	18%	31%	34%	30%	33%
Totals	101%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(997)	(364)	(394)	(239)	(387)	(320)	(378)	(287)	(222)	(160)	(193)	(380)	(264)

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YouGov

2J. Heard About Technologies — Gene editing technology
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	15%	18%	12%	25%	14%	10%	13%	13%	17%	21%	*
A little	43%	48%	38%	42%	44%	41%	45%	43%	42%	35%	*
Nothing at all	43%	34%	51%	33%	43%	49%	42%	45%	41%	45%	*
Totals	101%	100%	101%	100%	101%	100%	100%	101%	100%	101%	*
Unweighted N	(993)	(471)	(522)	(228)	(187)	(332)	(246)	(656)	(126)	(150)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	15%	21%	11%	12%	18%	13%	11%	18%	20%	15%	9%	16%	18%
A little	43%	40%	44%	44%	46%	43%	38%	43%	48%	45%	42%	40%	45%
Nothing at all	43%	38%	45%	44%	35%	44%	50%	39%	32%	40%	49%	44%	37%
Totals	101%	99%	100%	100%	99%	100%	99%	100%	100%	100%	100%	100%	100%
Unweighted N	(993)	(361)	(395)	(237)	(385)	(320)	(377)	(286)	(221)	(159)	(190)	(379)	(265)

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YouGov

2K. Heard About Technologies — 3D printing
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	38%	43%	35%	48%	37%	37%	34%	36%	38%	47%	*
A little	49%	46%	51%	40%	44%	51%	57%	51%	48%	36%	*
Nothing at all	13%	11%	15%	12%	20%	12%	9%	12%	14%	17%	*
Totals	100%	100%	101%	100%	101%	100%	100%	99%	100%	100%	*
Unweighted N	(993)	(470)	(523)	(228)	(185)	(332)	(248)	(655)	(127)	(150)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	38%	45%	36%	35%	43%	38%	34%	40%	48%	33%	29%	40%	50%
A little	49%	45%	49%	52%	48%	52%	49%	50%	42%	51%	58%	46%	42%
Nothing at all	13%	10%	15%	13%	9%	11%	17%	10%	10%	16%	13%	14%	8%
Totals	100%	100%	100%	100%	100%	101%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(993)	(363)	(392)	(238)	(386)	(318)	(378)	(284)	(222)	(159)	(193)	(377)	(264)

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YouGov

2L. Heard About Technologies — Blockchain
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	19%	26%	13%	34%	22%	13%	11%	16%	35%	24%	*
A little	31%	39%	23%	31%	38%	31%	22%	31%	28%	29%	*
Nothing at all	50%	35%	64%	34%	40%	55%	67%	54%	38%	48%	*
Totals	100%	100%	100%	99%	100%	99%	100%	101%	101%	101%	*
Unweighted N	(996)	(472)	(524)	(229)	(187)	(333)	(247)	(658)	(126)	(151)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	19%	21%	19%	18%	20%	19%	15%	22%	26%	25%	14%	21%	17%
A little	31%	35%	28%	30%	33%	29%	26%	30%	42%	30%	31%	28%	36%
Nothing at all	50%	44%	53%	52%	47%	52%	59%	48%	32%	45%	55%	50%	47%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%
Unweighted N	(996)	(361)	(396)	(239)	(386)	(320)	(379)	(285)	(221)	(159)	(193)	(379)	(265)

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YouGov

2M. Heard About Technologies — Metaverse

How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	26%	31%	21%	38%	23%	25%	19%	22%	39%	30%	*
A little	50%	51%	49%	45%	50%	50%	53%	52%	39%	46%	*
Nothing at all	25%	19%	30%	17%	27%	26%	27%	26%	22%	24%	*
Totals	101%	101%	100%	100%	100%	101%	99%	100%	100%	100%	*
Unweighted N	(992)	(469)	(523)	(227)	(187)	(331)	(247)	(654)	(126)	(151)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	26%	29%	24%	24%	29%	28%	22%	24%	37%	27%	17%	29%	27%
A little	50%	53%	48%	48%	52%	48%	46%	57%	45%	49%	55%	47%	49%
Nothing at all	25%	18%	28%	27%	19%	24%	32%	19%	17%	25%	27%	23%	24%
Totals	101%	100%	100%	99%	100%	100%	100%	100%	99%	101%	99%	99%	100%
Unweighted N	(992)	(363)	(392)	(237)	(386)	(319)	(378)	(287)	(221)	(160)	(192)	(377)	(263)

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2N. Heard About Technologies — Augmented reality (AR)
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	22%	27%	17%	41%	21%	17%	13%	18%	34%	29%	*
A little	43%	47%	39%	32%	52%	46%	42%	46%	37%	40%	*
Nothing at all	35%	25%	43%	27%	28%	37%	46%	36%	29%	31%	*
Totals	100%	99%	99%	100%	101%	100%	101%	100%	100%	100%	*
Unweighted N	(992)	(469)	(523)	(228)	(185)	(332)	(247)	(655)	(125)	(151)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	22%	28%	20%	18%	26%	18%	19%	22%	32%	22%	17%	23%	25%
A little	43%	45%	43%	42%	45%	46%	38%	48%	45%	44%	43%	42%	45%
Nothing at all	35%	27%	37%	40%	30%	36%	42%	30%	23%	33%	40%	35%	31%
Totals	100%	100%	100%	100%	101%	100%	99%	100%	100%	99%	100%	100%	101%
Unweighted N	(992)	(363)	(392)	(237)	(385)	(319)	(377)	(283)	(222)	(157)	(194)	(379)	(262)

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2O. Heard About Technologies — Decentralized autonomous organization (DAO)
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	7%	8%	5%	16%	8%	2%	2%	5%	9%	12%	*
A little	21%	26%	16%	33%	32%	13%	9%	17%	32%	21%	*
Nothing at all	73%	66%	79%	51%	60%	85%	89%	77%	58%	67%	*
Totals	101%	100%	100%	100%	100%	100%	100%	99%	99%	100%	*
Unweighted N	(993)	(470)	(523)	(227)	(187)	(330)	(249)	(655)	(127)	(151)	(60)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	7%	10%	3%	7%	8%	6%	6%	8%	9%	7%	4%	7%	8%
A little	21%	24%	18%	22%	19%	16%	16%	23%	24%	27%	14%	21%	22%
Nothing at all	73%	66%	79%	71%	73%	78%	78%	70%	67%	66%	82%	72%	69%
Totals	101%	100%	100%	100%	100%	100%	100%	101%	100%	100%	100%	100%	99%
Unweighted N	(993)	(363)	(394)	(236)	(387)	(319)	(377)	(286)	(221)	(159)	(193)	(376)	(265)

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2P. Heard About Technologies — Artificial organs
How much have you heard about the following technology?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
A lot	15%	16%	13%	26%	13%	11%	10%	12%	20%	19%	*
A little	51%	54%	47%	44%	50%	53%	54%	53%	45%	45%	*
Nothing at all	35%	30%	40%	30%	36%	36%	35%	35%	35%	36%	*
Totals	101%	100%	100%	100%	99%	100%	99%	100%	100%	100%	*
Unweighted N	(994)	(471)	(523)	(230)	(185)	(331)	(248)	(657)	(127)	(149)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
A lot	15%	19%	13%	11%	19%	11%	13%	15%	20%	19%	11%	14%	15%
A little	51%	48%	51%	54%	49%	54%	46%	54%	56%	43%	55%	52%	50%
Nothing at all	35%	33%	36%	36%	31%	35%	42%	31%	24%	39%	34%	34%	35%
Totals	101%	100%	100%	101%	99%	100%	101%	100%	100%	101%	100%	100%	100%
Unweighted N	(994)	(363)	(393)	(238)	(386)	(318)	(377)	(287)	(219)	(159)	(194)	(376)	(265)

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YouGov

3A. Likelihood of Technologies Becoming Widespread — Artificial intelligence (AI)

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	77%	80%	75%	80%	81%	75%	75%	76%	73%	82%	*
Unlikely	10%	9%	11%	10%	11%	10%	9%	11%	9%	9%	*
Not sure	12%	11%	14%	10%	8%	15%	16%	13%	18%	8%	*
Totals	99%	100%	100%	100%	100%	100%	100%	100%	100%	99%	*
Unweighted N	(899)	(437)	(462)	(201)	(158)	(307)	(233)	(599)	(109)	(133)	(58)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	77%	82%	74%	76%	82%	75%	74%	80%	82%	81%	80%	73%	80%
Unlikely	10%	8%	10%	14%	7%	13%	13%	9%	9%	7%	11%	11%	10%
Not sure	12%	10%	16%	10%	11%	12%	14%	11%	9%	13%	9%	16%	11%
Totals	99%	100%	100%	100%	100%	100%	101%	100%	100%	101%	100%	100%	101%
Unweighted N	(899)	(335)	(354)	(210)	(364)	(291)	(327)	(264)	(212)	(141)	(178)	(340)	(240)

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3B. Likelihood of Technologies Becoming Widespread — Virtual reality (VR)

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	73%	75%	71%	76%	80%	71%	66%	73%	66%	75%	*
Unlikely	12%	13%	10%	13%	9%	12%	11%	10%	15%	16%	*
Not sure	16%	12%	19%	10%	11%	17%	23%	17%	19%	9%	*
Totals	101%	100%	100%	99%	100%	100%	100%	100%	100%	100%	*
Unweighted N	(901)	(429)	(472)	(210)	(156)	(305)	(230)	(599)	(110)	(137)	(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
Likely	73%	76%	68%	77%	75%	71%	71%	72%	82%	71%	74%	70%	78%
Unlikely	12%	11%	12%	12%	8%	13%	13%	10%	8%	12%	12%	12%	10%
Not sure	16%	13%	20%	11%	17%	15%	16%	18%	10%	17%	14%	18%	12%
Totals	101%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(901)	(336)	(357)	(208)	(359)	(290)	(326)	(272)	(207)	(140)	(176)	(340)	(245)

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3C. Likelihood of Technologies Becoming Widespread — Self-driving cars

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	63%	66%	60%	75%	68%	58%	56%	60%	61%	74%	*
Unlikely	22%	21%	24%	16%	22%	22%	28%	24%	21%	19%	*
Not sure	14%	13%	16%	9%	10%	20%	15%	16%	18%	7%	*
Totals	99%	100%	100%	100%	100%	100%	99%	100%	100%	100%	*
Unweighted N	(900)	(433)	(467)	(200)	(153)	(304)	(243)	(600)	(107)	(134)	(59)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	63%	64%	63%	64%	67%	61%	58%	64%	74%	59%	62%	63%	68%
Unlikely	22%	22%	20%	25%	18%	24%	28%	22%	16%	27%	25%	21%	19%
Not sure	14%	14%	17%	11%	15%	15%	14%	14%	10%	14%	13%	16%	13%
Totals	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(900)	(331)	(357)	(212)	(366)	(292)	(327)	(266)	(211)	(137)	(173)	(351)	(239)

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3D. Likelihood of Technologies Becoming Widespread — Cryptocurrency

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	50%	54%	46%	63%	65%	43%	34%	46%	63%	56%	*
Unlikely	29%	29%	29%	23%	25%	33%	35%	31%	18%	32%	*
Not sure	21%	17%	25%	14%	11%	25%	31%	23%	19%	12%	*
Totals	100%	100%	100%	100%	101%	101%	100%	100%	100%	100%	*
Unweighted N	(876)	(431)	(445)	(203)	(153)	(295)	(225)	(586)	(107)	(128)	(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
Likely	50%	51%	46%	54%	43%	50%	47%	53%	50%	56%	41%	48%	57%
Unlikely	29%	32%	30%	25%	35%	29%	33%	29%	29%	27%	34%	28%	29%
Not sure	21%	17%	24%	21%	21%	22%	20%	18%	21%	17%	24%	24%	15%
Totals	100%	100%	100%	100%	99%	101%	100%	100%	100%	100%	99%	100%	101%
Unweighted N	(876)	(320)	(347)	(209)	(349)	(288)	(321)	(258)	(204)	(135)	(168)	(335)	(238)

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3E. Likelihood of Technologies Becoming Widespread — Non-fungible tokens (NFTs)

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	41%	45%	35%	49%	54%	29%	26%	37%	*	*	*
Unlikely	39%	41%	37%	35%	34%	46%	41%	43%	*	*	*
Not sure	20%	14%	28%	15%	11%	24%	33%	20%	*	*	*
Totals	100%	100%	100%	99%	99%	99%	100%	100%	*	*	*
Unweighted N	(572)	(310)	(262)	(177)	(110)	(177)	(108)	(362)	(77)	(96)	(37)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	41%	43%	32%	52%	36%	43%	35%	50%	38%	*	35%	38%	48%
Unlikely	39%	40%	44%	31%	44%	39%	47%	32%	39%	*	45%	40%	33%
Not sure	20%	17%	25%	17%	20%	18%	18%	18%	23%	*	19%	23%	19%
Totals	100%	100%	101%	100%	100%	100%	100%	100%	100%	*	99%	101%	100%
Unweighted N	(572)	(247)	(210)	(115)	(261)	(157)	(189)	(167)	(165)	(88)	(107)	(211)	(166)

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3F. Likelihood of Technologies Becoming Widespread — Quantum computing

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	70%	72%	67%	65%	*	81%	74%	74%	*	*	*
Unlikely	15%	16%	14%	22%	*	7%	6%	12%	*	*	*
Not sure	14%	11%	19%	13%	*	12%	20%	14%	*	*	*
Totals	99%	99%	100%	100%	*	100%	100%	100%	*	*	*
Unweighted N	(492)	(304)	(188)	(150)	(96)	(142)	(104)	(313)	(64)	(78)	(37)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	70%	71%	70%	70%	71%	74%	64%	73%	76%	*	*	72%	69%
Unlikely	15%	15%	17%	14%	13%	11%	22%	13%	10%	*	*	14%	15%
Not sure	14%	14%	13%	16%	17%	15%	13%	14%	14%	*	*	14%	16%
Totals	99%	100%	100%	100%	101%	100%	99%	100%	100%	*	*	100%	100%
Unweighted N	(492)	(184)	(185)	(123)	(191)	(166)	(155)	(148)	(133)	(72)	(81)	(201)	(138)

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3G. Likelihood of Technologies Becoming Widespread — Implantable brain-machine interfaces (BMIs)

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	56%	60%	50%	64%	*	*	*	56%	*	*	*
Unlikely	25%	24%	26%	20%	*	*	*	25%	*	*	*
Not sure	19%	16%	24%	16%	*	*	*	19%	*	*	*
Totals	100%	100%	100%	100%	*	*	*	100%	*	*	*
Unweighted N	(382)	(227)	(155)	(137)	(99)	(85)	(61)	(213)	(66)	(72)	(31)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	56%	58%	51%	*	58%	57%	53%	61%	55%	*	*	57%	57%
Unlikely	25%	24%	27%	*	27%	26%	24%	24%	29%	*	*	21%	19%
Not sure	19%	18%	22%	*	16%	17%	23%	15%	16%	*	*	22%	24%
Totals	100%	100%	100%	*	101%	100%	100%	100%	100%	*	*	100%	100%
Unweighted N	(382)	(157)	(139)	(86)	(139)	(116)	(127)	(112)	(106)	(60)	(55)	(153)	(114)

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YouGov

3H. Likelihood of Technologies Becoming Widespread — Personal space travel

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	50%	48%	52%	51%	59%	43%	44%	45%	*	*	*
Unlikely	35%	37%	34%	36%	30%	41%	35%	38%	*	*	*
Not sure	15%	16%	14%	14%	12%	16%	20%	17%	*	*	*
Totals	100%	101%	100%	101%	101%	100%	99%	100%	*	*	*
Unweighted N	(589)	(315)	(274)	(162)	(121)	(169)	(137)	(379)	(74)	(96)	(40)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	50%	48%	41%	64%	43%	54%	49%	51%	52%	*	*	50%	48%
Unlikely	35%	34%	43%	26%	41%	34%	34%	39%	34%	*	*	33%	36%
Not sure	15%	18%	16%	10%	16%	12%	16%	10%	14%	*	*	17%	16%
Totals	100%	100%	100%	100%	100%	100%	99%	100%	100%	*	*	100%	100%
Unweighted N	(589)	(230)	(219)	(140)	(240)	(192)	(203)	(193)	(142)	(98)	(85)	(237)	(169)

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YouGov

3I. Likelihood of Technologies Becoming Widespread — Lab-grown meat

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	49%	51%	47%	51%	61%	46%	39%	45%	*	63%	*
Unlikely	32%	34%	30%	30%	23%	34%	40%	33%	*	29%	*
Not sure	19%	16%	23%	18%	16%	20%	21%	21%	*	8%	*
Totals	100%	101%	100%	99%	100%	100%	100%	99%	*	100%	*
Unweighted N	(689)	(354)	(335)	(169)	(122)	(227)	(171)	(464)	(79)	(100)	(46)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	49%	51%	47%	50%	52%	43%	51%	48%	51%	53%	43%	49%	52%
Unlikely	32%	29%	31%	36%	27%	42%	31%	34%	33%	27%	36%	32%	33%
Not sure	19%	20%	22%	14%	21%	15%	19%	18%	16%	20%	21%	19%	15%
Totals	100%	100%	100%	100%	100%	100%	101%	100%	100%	100%	100%	100%	100%
Unweighted N	(689)	(258)	(275)	(156)	(288)	(226)	(222)	(219)	(182)	(108)	(128)	(266)	(187)

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YouGov

3J. Likelihood of Technologies Becoming Widespread — Gene editing technology

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	66%	67%	64%	61%	61%	68%	72%	65%	*	*	*
Unlikely	19%	18%	20%	24%	23%	11%	19%	18%	*	*	*
Not sure	16%	15%	16%	14%	16%	21%	10%	16%	*	*	*
Totals	101%	100%	100%	99%	100%	100%	101%	99%	*	*	*
Unweighted N	(590)	(325)	(265)	(160)	(108)	(171)	(151)	(382)	(73)	(88)	(47)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	66%	67%	64%	65%	69%	65%	61%	68%	75%	*	*	67%	69%
Unlikely	19%	17%	17%	23%	14%	22%	21%	18%	15%	*	*	17%	17%
Not sure	16%	15%	18%	12%	17%	12%	17%	14%	11%	*	*	16%	14%
Totals	101%	99%	99%	100%	100%	99%	99%	100%	101%	*	*	100%	100%
Unweighted N	(590)	(230)	(225)	(135)	(250)	(185)	(198)	(180)	(153)	(96)	(99)	(218)	(177)

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YouGov

3K. Likelihood of Technologies Becoming Widespread — 3D printing

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	82%	83%	82%	75%	79%	85%	87%	83%	75%	79%	*
Unlikely	9%	10%	8%	14%	12%	6%	6%	10%	10%	9%	*
Not sure	9%	8%	10%	11%	9%	9%	7%	7%	15%	13%	*
Totals	100%	101%	100%	100%	100%	100%	100%	100%	100%	101%	*
Unweighted N	(875)	(421)	(454)	(204)	(149)	(295)	(227)	(584)	(109)	(125)	(57)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	82%	83%	81%	83%	86%	85%	80%	83%	92%	82%	84%	80%	83%
Unlikely	9%	10%	9%	8%	7%	8%	9%	9%	6%	11%	10%	6%	12%
Not sure	9%	7%	10%	9%	7%	8%	11%	8%	3%	7%	6%	13%	5%
Totals	100%	100%	100%	100%	100%	101%	100%	100%	101%	100%	100%	99%	100%
Unweighted N	(875)	(329)	(343)	(203)	(354)	(285)	(318)	(258)	(205)	(135)	(171)	(329)	(240)

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3L. Likelihood of Technologies Becoming Widespread — Blockchain

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	58%	62%	50%	63%	57%	56%	*	54%	*	*	*
Unlikely	22%	21%	24%	20%	30%	20%	*	23%	*	*	*
Not sure	20%	17%	25%	17%	13%	24%	*	23%	*	*	*
Totals	100%	100%	99%	100%	100%	100%	*	100%	*	*	*
Unweighted N	(501)	(304)	(197)	(156)	(109)	(147)	(89)	(308)	(78)	(78)	(37)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	58%	57%	53%	66%	56%	60%	48%	69%	63%	*	*	64%	58%
Unlikely	22%	27%	20%	20%	24%	21%	30%	17%	15%	*	*	19%	25%
Not sure	20%	16%	27%	14%	20%	19%	21%	15%	22%	*	*	16%	17%
Totals	100%	100%	100%	100%	100%	100%	99%	101%	100%	*	*	99%	100%
Unweighted N	(501)	(201)	(187)	(113)	(202)	(155)	(157)	(151)	(147)	(89)	(86)	(189)	(137)

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YouGov

3M. Likelihood of Technologies Becoming Widespread — Metaverse

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	51%	51%	50%	64%	57%	42%	44%	47%	*	58%	*
Unlikely	24%	27%	20%	19%	26%	29%	18%	24%	*	26%	*
Not sure	26%	22%	30%	17%	18%	29%	38%	29%	*	16%	*
Totals	101%	100%	100%	100%	101%	100%	100%	100%	*	100%	*
Unweighted N	(762)	(391)	(371)	(195)	(141)	(244)	(182)	(493)	(99)	(119)	(51)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	51%	57%	43%	54%	47%	50%	51%	50%	54%	52%	45%	51%	56%
Unlikely	24%	17%	28%	26%	21%	28%	22%	21%	25%	27%	26%	24%	18%
Not sure	26%	26%	29%	20%	32%	21%	27%	30%	20%	22%	29%	25%	26%
Totals	101%	100%	100%	100%	100%	99%	100%	101%	99%	101%	100%	100%	100%
Unweighted N	(762)	(302)	(287)	(173)	(319)	(246)	(265)	(234)	(186)	(122)	(144)	(293)	(203)

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YouGov

3N. Likelihood of Technologies Becoming Widespread — Augmented reality (AR)

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	62%	63%	60%	68%	68%	56%	57%	59%	*	67%	*
Unlikely	17%	17%	17%	18%	20%	17%	11%	18%	*	19%	*
Not sure	21%	19%	23%	14%	12%	27%	32%	23%	*	14%	*
Totals	100%	99%	100%	100%	100%	100%	100%	100%	*	100%	*
Unweighted N	(652)	(345)	(307)	(173)	(136)	(206)	(137)	(418)	(87)	(105)	(42)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	62%	63%	57%	68%	64%	60%	57%	61%	73%	64%	56%	63%	63%
Unlikely	17%	18%	18%	14%	13%	16%	18%	17%	13%	11%	24%	15%	19%
Not sure	21%	18%	25%	18%	23%	24%	25%	22%	14%	24%	20%	22%	18%
Totals	100%	99%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%
Unweighted N	(652)	(265)	(248)	(139)	(274)	(202)	(223)	(195)	(172)	(103)	(117)	(252)	(180)

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3O. Likelihood of Technologies Becoming Widespread — Decentralized autonomous organization (DAO)

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	49%	50%	48%	61%	*	*	*	48%	*	*	*
Unlikely	27%	27%	28%	21%	*	*	*	27%	*	*	*
Not sure	24%	23%	24%	18%	*	*	*	25%	*	*	*
Totals	100%	100%	100%	100%	*	*	*	100%	*	*	*
Unweighted N	(261)	(149)	(112)	(117)	(73)	(46)	(25)	(137)	(54)	(49)	(21)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	49%	56%	*	*	*	*	*	*	*	*	*	51%	*
Unlikely	27%	23%	*	*	*	*	*	*	*	*	*	25%	*
Not sure	24%	21%	*	*	*	*	*	*	*	*	*	25%	*
Totals	100%	100%	*	*	*	*	*	*	*	*	*	101%	*
Unweighted N	(261)	(120)	(75)	(66)	(96)	(75)	(88)	(82)	(69)	(51)	(34)	(102)	(74)

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YouGov

3P. Likelihood of Technologies Becoming Widespread — Artificial organs

Do you think it is likely or unlikely that the following technology will eventually become widespread?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Likely	67%	68%	67%	66%	62%	65%	77%	66%	*	*	*
Unlikely	15%	16%	14%	18%	20%	15%	8%	15%	*	*	*
Not sure	17%	16%	19%	15%	18%	20%	15%	19%	*	*	*
Totals	99%	100%	100%	99%	100%	100%	100%	100%	*	*	*
Unweighted N	(658)	(337)	(321)	(166)	(120)	(208)	(164)	(437)	(80)	(98)	(43)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Likely	67%	73%	62%	69%	73%	66%	62%	70%	71%	*	64%	70%	71%
Unlikely	15%	11%	16%	20%	8%	20%	19%	14%	14%	*	20%	14%	9%
Not sure	17%	17%	22%	11%	19%	15%	19%	15%	15%	*	15%	16%	21%
Totals	99%	101%	100%	100%	100%	101%	100%	99%	100%	*	99%	100%	101%
Unweighted N	(658)	(248)	(254)	(156)	(268)	(209)	(226)	(199)	(167)	(96)	(126)	(258)	(178)

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YouGov

4A. Technologies Are Good or Bad — Artificial intelligence (AI)

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	37%	45%	29%	56%	53%	22%	27%	33%	48%	47%	*
Bad	33%	31%	35%	23%	21%	45%	36%	37%	24%	27%	*
Not sure	30%	24%	36%	21%	26%	33%	38%	30%	27%	25%	*
Totals	100%	100%	100%	100%	100%	100%	101%	100%	99%	99%	*
Unweighted N	(900)	(437)	(463)	(202)	(158)	(307)	(233)	(601)	(109)	(133)	(57)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	37%	47%	29%	36%	39%	27%	36%	36%	43%	39%	32%	38%	39%
Bad	33%	23%	37%	39%	26%	50%	32%	33%	36%	30%	40%	33%	27%
Not sure	30%	30%	34%	24%	35%	23%	32%	31%	21%	30%	28%	29%	33%
Totals	100%	100%	100%	99%	100%	100%	100%	100%	100%	99%	100%	100%	99%
Unweighted N	(900)	(335)	(355)	(210)	(365)	(291)	(328)	(264)	(212)	(142)	(178)	(341)	(239)

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4B. Technologies Are Good or Bad — Virtual reality (VR)

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	46%	49%	44%	65%	59%	34%	34%	44%	56%	56%	*
Bad	20%	20%	20%	18%	20%	23%	17%	20%	17%	20%	*
Not sure	34%	31%	36%	17%	21%	42%	48%	36%	27%	25%	*
Totals	100%	100%	100%	100%	100%	99%	99%	100%	100%	101%	*
Unweighted N	(900)	(427)	(473)	(210)	(156)	(304)	(230)	(599)	(110)	(137)	(54)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	46%	59%	36%	46%	51%	39%	45%	49%	51%	52%	38%	46%	51%
Bad	20%	12%	23%	27%	10%	30%	21%	16%	18%	16%	26%	20%	17%
Not sure	34%	29%	41%	28%	39%	31%	34%	35%	30%	32%	36%	34%	32%
Totals	100%	100%	100%	101%	100%	100%	100%	100%	99%	100%	100%	100%	100%
Unweighted N	(900)	(336)	(356)	(208)	(360)	(289)	(327)	(271)	(207)	(140)	(176)	(340)	(244)

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4C. Technologies Are Good or Bad — Self-driving cars

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	42%	50%	34%	59%	58%	30%	27%	36%	46%	59%	*
Bad	34%	29%	39%	19%	28%	42%	44%	38%	29%	25%	*
Not sure	24%	21%	27%	22%	15%	28%	29%	26%	25%	16%	*
Totals	100%	100%	100%	100%	101%	100%	100%	100%	100%	100%	*
Unweighted N	(901)	(433)	(468)	(200)	(154)	(304)	(243)	(599)	(109)	(134)	(59)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	42%	46%	38%	41%	45%	36%	39%	42%	52%	44%	35%	38%	51%
Bad	34%	31%	34%	40%	27%	44%	36%	36%	27%	33%	39%	35%	30%
Not sure	24%	23%	28%	19%	27%	20%	25%	22%	21%	23%	26%	27%	19%
Totals	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(901)	(332)	(357)	(212)	(368)	(291)	(327)	(268)	(211)	(138)	(173)	(351)	(239)

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4D. Technologies Are Good or Bad — Cryptocurrency

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	31%	38%	25%	55%	46%	20%	12%	27%	47%	38%	*
Bad	43%	42%	44%	25%	30%	54%	57%	47%	28%	42%	*
Not sure	25%	20%	31%	20%	23%	26%	31%	27%	25%	19%	*
Totals	99%	100%	100%	100%	99%	100%	100%	101%	100%	99%	*
Unweighted N	(875)	(430)	(445)	(204)	(153)	(293)	(225)	(584)	(108)	(128)	(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
Good	31%	34%	27%	35%	28%	30%	30%	35%	34%	37%	26%	30%	35%
Bad	43%	45%	39%	47%	44%	48%	41%	44%	45%	32%	47%	44%	46%
Not sure	25%	21%	34%	18%	28%	22%	29%	22%	21%	31%	26%	26%	19%
Totals	99%	100%	100%	100%	100%	100%	100%	101%	100%	100%	99%	100%	100%
Unweighted N	(875)	(319)	(346)	(210)	(348)	(288)	(320)	(259)	(204)	(135)	(167)	(335)	(238)

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4E. Technologies Are Good or Bad — Non-fungible tokens (NFTs)

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	32%	36%	27%	52%	50%	13%	9%	26%	*	*	*
Bad	36%	35%	36%	24%	30%	45%	48%	40%	*	*	*
Not sure	32%	29%	36%	24%	21%	42%	43%	34%	*	*	*
Totals	100%	100%	99%	100%	101%	100%	100%	100%	*	*	*
Unweighted N	(572)	(309)	(263)	(176)	(110)	(178)	(108)	(362)	(78)	(95)	(37)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	32%	37%	22%	42%	25%	29%	35%	35%	29%	*	27%	36%	30%
Bad	36%	36%	36%	34%	41%	39%	35%	33%	39%	*	42%	29%	37%
Not sure	32%	27%	42%	24%	34%	32%	30%	32%	32%	*	30%	35%	34%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	*	99%	100%	101%
Unweighted N	(572)	(248)	(209)	(115)	(261)	(157)	(189)	(167)	(165)	(89)	(106)	(211)	(166)

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YouGov

4F. Technologies Are Good or Bad — Quantum computing

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	66%	71%	58%	67%	*	64%	71%	68%	*	*	*
Bad	10%	10%	9%	13%	*	9%	5%	10%	*	*	*
Not sure	24%	19%	33%	20%	*	27%	23%	23%	*	*	*
Totals	100%	100%	100%	100%	*	100%	99%	101%	*	*	*
Unweighted N	(493)	(305)	(188)	(150)	(97)	(142)	(104)	(313)	(64)	(78)	(38)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	66%	72%	61%	66%	66%	67%	61%	74%	73%	*	*	67%	66%
Bad	10%	9%	10%	10%	8%	13%	15%	8%	6%	*	*	10%	7%
Not sure	24%	19%	28%	24%	25%	20%	24%	19%	21%	*	*	23%	26%
Totals	100%	100%	99%	100%	99%	100%	100%	101%	100%	*	*	100%	99%
Unweighted N	(493)	(183)	(187)	(123)	(190)	(166)	(156)	(148)	(133)	(73)	(81)	(201)	(138)

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YouGov

4G. Technologies Are Good or Bad — Implantable brain-machine interfaces (BMIs)

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	49%	50%	47%	56%	*	*	*	47%	*	*	*
Bad	27%	26%	28%	25%	*	*	*	28%	*	*	*
Not sure	25%	24%	26%	19%	*	*	*	24%	*	*	*
Totals	101%	100%	101%	100%	*	*	*	99%	*	*	*
Unweighted N	(383)	(227)	(156)	(137)	(99)	(85)	(62)	(214)	(66)	(72)	(31)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	49%	52%	36%	*	50%	52%	49%	51%	52%	*	*	49%	58%
Bad	27%	25%	34%	*	24%	33%	27%	31%	19%	*	*	28%	20%
Not sure	25%	23%	30%	*	26%	15%	24%	18%	29%	*	*	24%	23%
Totals	101%	100%	100%	*	100%	100%	100%	100%	100%	*	*	101%	101%
Unweighted N	(383)	(158)	(139)	(86)	(140)	(117)	(127)	(114)	(106)	(60)	(55)	(154)	(114)

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4H. Technologies Are Good or Bad — Personal space travel

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	46%	51%	38%	51%	55%	38%	37%	42%	*	*	*
Bad	22%	22%	22%	24%	24%	21%	19%	23%	*	*	*
Not sure	32%	27%	39%	25%	21%	42%	44%	36%	*	*	*
Totals	100%	100%	99%	100%	100%	101%	100%	101%	*	*	*
Unweighted N	(587)	(315)	(272)	(160)	(121)	(169)	(137)	(378)	(73)	(96)	(40)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	46%	47%	41%	51%	41%	48%	48%	46%	52%	*	*	45%	41%
Bad	22%	28%	21%	16%	23%	19%	20%	23%	18%	*	*	20%	27%
Not sure	32%	25%	38%	33%	36%	33%	32%	31%	30%	*	*	35%	32%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	*	*	100%	100%
Unweighted N	(587)	(230)	(219)	(138)	(240)	(192)	(202)	(192)	(142)	(98)	(85)	(235)	(169)

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4I. Technologies Are Good or Bad — Lab-grown meat

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	35%	38%	32%	49%	51%	23%	22%	31%	*	57%	*
Bad	42%	39%	46%	29%	31%	51%	55%	46%	*	34%	*
Not sure	23%	23%	22%	22%	19%	26%	23%	24%	*	9%	*
Totals	100%	100%	100%	100%	101%	100%	100%	101%	*	100%	*
Unweighted N	(692)	(355)	(337)	(169)	(122)	(229)	(172)	(466)	(80)	(100)	(46)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	35%	47%	28%	31%	43%	20%	36%	34%	39%	44%	29%	33%	37%
Bad	42%	29%	45%	55%	29%	65%	43%	42%	41%	38%	49%	43%	40%
Not sure	23%	24%	27%	15%	28%	15%	21%	24%	21%	19%	23%	24%	23%
Totals	100%	100%	100%	101%	100%	100%	100%	100%	101%	101%	101%	100%	100%
Unweighted N	(692)	(259)	(276)	(157)	(289)	(227)	(224)	(219)	(182)	(108)	(129)	(267)	(188)

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YouGov

4J. Technologies Are Good or Bad — Gene editing technology

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	46%	51%	41%	60%	48%	36%	42%	43%	*	*	*
Bad	26%	25%	27%	24%	23%	29%	27%	27%	*	*	*
Not sure	28%	24%	33%	17%	28%	34%	30%	30%	*	*	*
Totals	100%	100%	101%	101%	99%	99%	99%	100%	*	*	*
Unweighted N	(588)	(323)	(265)	(160)	(108)	(169)	(151)	(379)	(74)	(88)	(47)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	46%	59%	39%	40%	52%	34%	44%	49%	53%	*	*	47%	51%
Bad	26%	18%	28%	34%	21%	38%	27%	26%	24%	*	*	27%	21%
Not sure	28%	22%	33%	27%	28%	28%	29%	24%	24%	*	*	27%	29%
Totals	100%	99%	100%	101%	101%	100%	100%	99%	101%	*	*	101%	101%
Unweighted N	(588)	(230)	(224)	(134)	(250)	(184)	(198)	(181)	(151)	(97)	(98)	(218)	(175)

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4K. Technologies Are Good or Bad — 3D printing

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	75%	78%	73%	76%	72%	75%	78%	78%	70%	73%	*
Bad	6%	6%	7%	5%	11%	6%	5%	6%	9%	9%	*
Not sure	18%	16%	20%	19%	17%	19%	17%	17%	20%	18%	*
Totals	99%	100%	100%	100%	100%	100%	100%	101%	99%	100%	*
Unweighted N	(875)	(422)	(453)	(203)	(150)	(295)	(227)	(583)	(109)	(126)	(57)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	75%	79%	73%	75%	79%	80%	73%	82%	82%	74%	78%	73%	77%
Bad	6%	7%	6%	7%	6%	6%	7%	3%	6%	5%	5%	7%	8%
Not sure	18%	14%	21%	19%	15%	14%	21%	14%	13%	21%	16%	20%	16%
Totals	99%	100%	100%	101%	100%	100%	101%	99%	101%	100%	99%	100%	101%
Unweighted N	(875)	(329)	(344)	(202)	(354)	(285)	(318)	(258)	(205)	(136)	(171)	(328)	(240)

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4L. Technologies Are Good or Bad — Blockchain

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	47%	51%	41%	59%	53%	34%	*	43%	*	*	*
Bad	22%	24%	18%	19%	22%	25%	*	24%	*	*	*
Not sure	31%	25%	41%	22%	24%	41%	*	32%	*	*	*
Totals	100%	100%	100%	100%	99%	100%	*	99%	*	*	*
Unweighted N	(500)	(302)	(198)	(156)	(109)	(147)	(88)	(307)	(78)	(79)	(36)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	47%	46%	41%	57%	42%	46%	39%	52%	53%	*	*	53%	47%
Bad	22%	24%	21%	20%	22%	23%	22%	20%	21%	*	*	20%	21%
Not sure	31%	30%	38%	23%	36%	31%	39%	28%	25%	*	*	27%	32%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	99%	*	*	100%	100%
Unweighted N	(500)	(201)	(187)	(112)	(203)	(154)	(158)	(150)	(147)	(89)	(86)	(189)	(136)

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YouGov

4M. Technologies Are Good or Bad — Metaverse

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	31%	33%	30%	53%	47%	14%	17%	25%	*	46%	*
Bad	33%	36%	29%	26%	28%	42%	30%	35%	*	33%	*
Not sure	36%	31%	41%	21%	25%	43%	53%	40%	*	21%	*
Totals	100%	100%	100%	100%	100%	99%	100%	100%	*	100%	*
Unweighted N	(761)	(391)	(370)	(193)	(141)	(245)	(182)	(493)	(99)	(118)	(51)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	31%	40%	20%	36%	29%	23%	33%	33%	34%	36%	24%	31%	35%
Bad	33%	26%	38%	35%	26%	45%	30%	27%	37%	32%	40%	30%	31%
Not sure	36%	34%	42%	29%	45%	31%	37%	41%	29%	33%	35%	39%	33%
Totals	100%	100%	100%	100%	100%	99%	100%	101%	100%	101%	99%	100%	99%
Unweighted N	(761)	(302)	(287)	(172)	(318)	(246)	(265)	(233)	(186)	(122)	(144)	(291)	(204)

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4N. Technologies Are Good or Bad — Augmented reality (AR)

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	44%	49%	39%	68%	50%	29%	32%	41%	*	48%	*
Bad	22%	23%	22%	13%	25%	27%	22%	23%	*	21%	*
Not sure	34%	29%	40%	19%	25%	44%	45%	35%	*	32%	*
Totals	100%	101%	101%	100%	100%	100%	99%	99%	*	101%	*
Unweighted N	(654)	(346)	(308)	(174)	(136)	(207)	(137)	(419)	(88)	(105)	(42)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	44%	53%	38%	42%	47%	34%	42%	48%	54%	47%	38%	50%	39%
Bad	22%	17%	24%	28%	15%	33%	20%	21%	19%	21%	29%	18%	24%
Not sure	34%	30%	39%	30%	39%	33%	39%	31%	28%	32%	33%	32%	37%
Totals	100%	100%	101%	100%	101%	100%	101%	100%	101%	100%	100%	100%	100%
Unweighted N	(654)	(265)	(249)	(140)	(274)	(202)	(223)	(196)	(172)	(103)	(118)	(253)	(180)

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4O. Technologies Are Good or Bad — Decentralized autonomous organization (DAO)

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	52%	51%	53%	66%	*	*	*	50%	*	*	*
Bad	21%	21%	21%	16%	*	*	*	21%	*	*	*
Not sure	27%	27%	27%	18%	*	*	*	29%	*	*	*
Totals	100%	99%	101%	100%	*	*	*	100%	*	*	*
Unweighted N	(259)	(148)	(111)	(116)	(73)	(46)	(24)	(136)	(54)	(49)	(20)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	52%	56%	*	*	*	*	*	*	*	*	*	51%	*
Bad	21%	18%	*	*	*	*	*	*	*	*	*	30%	*
Not sure	27%	26%	*	*	*	*	*	*	*	*	*	19%	*
Totals	100%	100%	*	*	*	*	*	*	*	*	*	100%	*
Unweighted N	(259)	(118)	(75)	(66)	(95)	(74)	(88)	(80)	(69)	(50)	(34)	(102)	(73)

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4P. Technologies Are Good or Bad — Artificial organs

If it becomes widespread, do you think the following technology will be good for society or bad for society?

Asked of those who have heard about each technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Good	67%	66%	68%	69%	64%	64%	72%	69%	*	*	*
Bad	13%	12%	14%	12%	19%	12%	11%	11%	*	*	*
Not sure	20%	22%	18%	19%	17%	25%	17%	20%	*	*	*
Totals	100%	100%	100%	100%	100%	101%	100%	100%	*	*	*
Unweighted N	(658)	(337)	(321)	(166)	(119)	(208)	(165)	(438)	(79)	(98)	(43)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Good	67%	72%	61%	70%	72%	68%	64%	69%	72%	*	65%	64%	72%
Bad	13%	11%	14%	15%	9%	16%	14%	12%	12%	*	14%	15%	9%
Not sure	20%	17%	25%	16%	20%	16%	22%	20%	17%	*	21%	20%	18%
Totals	100%	100%	100%	101%	101%	100%	100%	101%	101%	*	100%	99%	99%
Unweighted N	(658)	(247)	(255)	(156)	(268)	(209)	(225)	(199)	(167)	(96)	(125)	(258)	(179)

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5A. Should U.S. Government Invest in Technologies — Artificial intelligence (AI)

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	25%	32%	18%	36%	28%	19%	21%	24%	32%	29%	*
Somewhat important	34%	33%	35%	34%	39%	29%	36%	34%	30%	37%	*
Not important	26%	24%	28%	20%	22%	31%	28%	27%	22%	24%	*
Not sure	15%	11%	19%	10%	10%	21%	15%	15%	17%	11%	*
Totals	100%	100%	100%	100%	99%	100%	100%	100%	101%	101%	*
Unweighted N	(900)	(438)	(462)	(201)	(158)	(307)	(234)	(601)	(109)	(132)	(58)

		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 important	25%	35%	19%	22%	33%	18%	23%	25%	32%	26%	17%	27%	29%
Somewhat important	34%	34%	33%	36%	34%	32%	31%	38%	32%	41%	39%	29%	33%
Not important	26%	16%	28%	35%	17%	37%	29%	24%	27%	18%	28%	29%	25%
Not sure	15%	15%	20%	8%	16%	13%	17%	13%	9%	15%	16%	16%	13%
Totals	100%	100%	100%	101%	100%	100%	100%	100%	100%	100%	100%	101%	100%
Unweighted N	(900)	(335)	(355)	(210)	(364)	(292)	(327)	(265)	(212)	(142)	(178)	(340)	(240)

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5B. Should U.S. Government Invest in Technologies — Virtual reality (VR)

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	16%	19%	14%	27%	25%	10%	6%	14%	28%	20%	*
Somewhat important	29%	32%	26%	31%	35%	25%	27%	26%	35%	33%	*
Not important	38%	39%	38%	34%	27%	44%	45%	42%	22%	35%	*
Not sure	17%	11%	22%	8%	14%	21%	22%	17%	15%	12%	*
Totals	100%	101%	100%	100%	101%	100%	100%	99%	100%	100%	*
Unweighted N	(900)	(429)	(471)	(210)	(155)	(305)	(230)	(598)	(110)	(137)	(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 important	16%	22%	11%	17%	19%	11%	14%	20%	18%	20%	10%	17%	17%
Somewhat important	29%	30%	30%	27%	32%	23%	29%	29%	30%	32%	27%	28%	29%
Not important	38%	30%	41%	45%	29%	53%	39%	37%	39%	32%	45%	38%	37%
Not sure	17%	19%	19%	11%	20%	12%	18%	14%	13%	16%	18%	17%	16%
Totals	100%	101%	101%	100%	100%	99%	100%	100%	100%	100%	100%	100%	99%
Unweighted N	(900)	(337)	(356)	(207)	(360)	(289)	(325)	(272)	(207)	(140)	(176)	(339)	(245)

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5C. Should U.S. Government Invest in Technologies — Self-driving cars

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	17%	20%	14%	25%	22%	13%	11%	16%	26%	19%	*
Somewhat important	29%	33%	25%	42%	37%	19%	24%	25%	32%	41%	*
Not important	43%	38%	47%	25%	30%	55%	53%	48%	28%	32%	*
Not sure	11%	9%	14%	8%	11%	13%	12%	12%	15%	9%	*
Totals	100%	100%	100%	100%	100%	100%	100%	101%	101%	101%	*
Unweighted N	(899)	(431)	(468)	(199)	(152)	(304)	(244)	(600)	(107)	(133)	(59)

		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 important	17%	26%	11%	15%	22%	13%	16%	19%	21%	19%	15%	15%	21%
Somewhat important	29%	30%	30%	25%	27%	23%	28%	28%	26%	27%	26%	28%	34%
Not important	43%	31%	45%	55%	36%	56%	42%	43%	49%	40%	48%	45%	37%
Not sure	11%	14%	14%	5%	15%	8%	14%	10%	4%	14%	11%	12%	8%
Totals	100%	101%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(899)	(329)	(356)	(214)	(366)	(291)	(326)	(267)	(210)	(138)	(173)	(349)	(239)

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5D. Should U.S. Government Invest in Technologies — Cryptocurrency

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	14%	18%	11%	35%	16%	7%	5%	12%	31%	12%	*
Somewhat important	19%	18%	20%	26%	32%	10%	12%	15%	26%	32%	*
Not important	49%	49%	50%	27%	37%	59%	68%	55%	23%	43%	*
Not sure	17%	15%	19%	13%	14%	24%	15%	17%	19%	13%	*
Totals	99%	100%	100%	101%	99%	100%	100%	99%	99%	100%	*
Unweighted N	(875)	(430)	(445)	(203)	(153)	(295)	(224)	(586)	(108)	(127)	(54)

		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 important	14%	21%	8%	16%	13%	10%	14%	18%	14%	18%	9%	17%	13%
Somewhat important	19%	17%	21%	19%	18%	16%	21%	18%	15%	22%	13%	19%	22%
Not important	49%	46%	48%	55%	52%	61%	47%	49%	59%	38%	61%	48%	49%
Not sure	17%	16%	23%	10%	17%	14%	18%	14%	12%	22%	18%	16%	15%
Totals	99%	100%	100%	100%	100%	101%	100%	99%	100%	100%	101%	100%	99%
Unweighted N	(875)	(319)	(346)	(210)	(348)	(287)	(320)	(258)	(204)	(135)	(168)	(335)	(237)

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5E. Should U.S. Government Invest in Technologies — Non-fungible tokens (NFTs)

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	12%	16%	8%	23%	19%	4%	0%	11%	*	*	*
Somewhat important	22%	21%	22%	31%	34%	9%	10%	16%	*	*	*
Not important	51%	52%	50%	34%	33%	68%	74%	59%	*	*	*
Not sure	15%	11%	20%	12%	14%	19%	16%	15%	*	*	*
Totals	100%	100%	100%	100%	100%	100%	100%	101%	*	*	*
Unweighted N	(572)	(310)	(262)	(176)	(110)	(178)	(108)	(361)	(78)	(96)	(37)

		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 important	12%	16%	7%	16%	10%	8%	14%	14%	12%	*	7%	15%	12%
Somewhat important	22%	22%	20%	23%	15%	22%	23%	20%	19%	*	26%	19%	23%
Not important	51%	50%	53%	49%	57%	58%	51%	46%	57%	*	58%	49%	48%
Not sure	15%	12%	20%	12%	17%	13%	12%	20%	12%	*	10%	17%	17%
Totals	100%	100%	100%	100%	99%	101%	100%	100%	100%	*	101%	100%	100%
Unweighted N	(572)	(248)	(210)	(114)	(261)	(157)	(189)	(167)	(165)	(89)	(107)	(210)	(166)

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5F. Should U.S. Government Invest in Technologies — Quantum computing

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	35%	35%	36%	36%	*	42%	41%	40%	*	*	*
Somewhat important	36%	37%	32%	35%	*	29%	33%	31%	*	*	*
Not important	17%	20%	11%	21%	*	15%	15%	17%	*	*	*
Not sure	12%	7%	20%	8%	*	14%	11%	12%	*	*	*
Totals	100%	99%	99%	100%	*	100%	100%	100%	*	*	*
Unweighted N	(492)	(304)	(188)	(150)	(96)	(142)	(104)	(312)	(64)	(78)	(38)

		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 important	35%	39%	33%	35%	42%	36%	33%	41%	38%	*	*	41%	33%
Somewhat important	36%	30%	39%	38%	35%	33%	33%	34%	38%	*	*	29%	36%
Not important	17%	22%	15%	14%	11%	20%	19%	15%	14%	*	*	19%	17%
Not sure	12%	9%	14%	13%	12%	11%	15%	10%	10%	*	*	11%	14%
Totals	100%	100%	101%	100%	100%	100%	100%	100%	100%	*	*	100%	100%
Unweighted N	(492)	(183)	(186)	(123)	(191)	(165)	(156)	(148)	(132)	(73)	(81)	(200)	(138)

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5G. Should U.S. Government Invest in Technologies — Implantable brain-machine interfaces (BMIs)

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	23%	23%	23%	36%	*	*	*	24%	*	*	*
Somewhat important	37%	38%	35%	41%	*	*	*	34%	*	*	*
Not important	25%	24%	26%	14%	*	*	*	25%	*	*	*
Not sure	15%	15%	16%	9%	*	*	*	17%	*	*	*
Totals	100%	100%	100%	100%	*	*	*	100%	*	*	*
Unweighted N	(383)	(227)	(156)	(138)	(98)	(85)	(62)	(214)	(66)	(72)	(31)

		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 important	23%	27%	17%	*	25%	21%	22%	31%	22%	*	*	27%	21%
Somewhat important	37%	40%	33%	*	40%	33%	38%	34%	37%	*	*	33%	47%
Not important	25%	20%	31%	*	22%	36%	27%	25%	23%	*	*	23%	23%
Not sure	15%	13%	19%	*	13%	10%	13%	11%	18%	*	*	16%	9%
Totals	100%	100%	100%	*	100%	100%	100%	101%	100%	*	*	99%	100%
Unweighted N	(383)	(158)	(139)	(86)	(140)	(116)	(127)	(114)	(105)	(60)	(55)	(155)	(113)

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5H. Should U.S. Government Invest in Technologies — Personal space travel

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	18%	19%	16%	31%	22%	8%	9%	17%	*	*	*
Somewhat important	25%	25%	25%	35%	31%	16%	17%	21%	*	*	*
Not important	46%	47%	44%	28%	32%	61%	66%	50%	*	*	*
Not sure	12%	9%	15%	7%	15%	16%	8%	11%	*	*	*
Totals	101%	100%	100%	101%	100%	101%	100%	99%	*	*	*
Unweighted N	(589)	(315)	(274)	(162)	(121)	(169)	(137)	(379)	(74)	(96)	(40)

		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 important	18%	21%	13%	19%	16%	13%	21%	20%	16%	*	*	20%	15%
Somewhat important	25%	27%	22%	26%	20%	21%	28%	22%	21%	*	*	23%	25%
Not important	46%	42%	52%	42%	52%	54%	38%	48%	55%	*	*	46%	55%
Not sure	12%	10%	12%	13%	11%	12%	13%	11%	8%	*	*	11%	6%
Totals	101%	100%	99%	100%	99%	100%	100%	101%	100%	*	*	100%	101%
Unweighted N	(589)	(230)	(219)	(140)	(240)	(192)	(203)	(193)	(142)	(98)	(85)	(237)	(169)

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5I. Should U.S. Government Invest in Technologies — Lab-grown meat

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	14%	15%	13%	25%	19%	11%	3%	12%	*	20%	*
Somewhat important	26%	27%	25%	38%	31%	17%	22%	24%	*	30%	*
Not important	46%	43%	49%	30%	32%	55%	63%	50%	*	44%	*
Not sure	14%	15%	13%	7%	18%	18%	12%	14%	*	6%	*
Totals	100%	100%	100%	100%	100%	101%	100%	100%	*	100%	*
Unweighted N	(689)	(353)	(336)	(167)	(122)	(228)	(172)	(464)	(80)	(100)	(45)

		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 important	14%	19%	11%	13%	16%	7%	15%	16%	14%	20%	12%	14%	12%
Somewhat important	26%	31%	25%	21%	33%	17%	30%	22%	25%	23%	17%	27%	34%
Not important	46%	37%	48%	54%	34%	66%	42%	50%	46%	40%	50%	47%	45%
Not sure	14%	13%	16%	13%	17%	10%	13%	13%	15%	18%	20%	12%	9%
Totals	100%	100%	100%	101%	100%	100%	100%	101%	100%	101%	99%	100%	100%
Unweighted N	(689)	(259)	(274)	(156)	(289)	(227)	(223)	(219)	(182)	(107)	(128)	(266)	(188)

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5J. Should U.S. Government Invest in Technologies — Gene editing technology

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	25%	27%	22%	34%	23%	23%	19%	26%	*	*	*
Somewhat important	37%	39%	34%	38%	41%	33%	37%	34%	*	*	*
Not important	22%	21%	23%	19%	22%	23%	25%	22%	*	*	*
Not sure	16%	12%	21%	9%	15%	21%	18%	17%	*	*	*
Totals	100%	99%	100%	100%	101%	100%	99%	99%	*	*	*
Unweighted N	(590)	(324)	(266)	(159)	(109)	(171)	(151)	(382)	(74)	(87)	(47)

		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 important	25%	37%	17%	20%	34%	17%	25%	30%	26%	*	*	27%	27%
Somewhat important	37%	33%	39%	40%	36%	35%	36%	31%	44%	*	*	34%	40%
Not important	22%	17%	25%	25%	13%	35%	20%	22%	22%	*	*	24%	16%
Not sure	16%	13%	19%	14%	17%	13%	19%	17%	8%	*	*	15%	17%
Totals	100%	100%	100%	99%	100%	100%	100%	100%	100%	*	*	100%	100%
Unweighted N	(590)	(230)	(225)	(135)	(251)	(184)	(198)	(181)	(152)	(97)	(99)	(217)	(177)

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5K. Should U.S. Government Invest in Technologies — 3D printing

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	30%	34%	26%	36%	30%	25%	30%	30%	32%	27%	*
Somewhat important	38%	35%	41%	38%	44%	36%	35%	37%	34%	44%	*
Not important	21%	22%	20%	19%	14%	25%	26%	23%	17%	18%	*
Not sure	11%	9%	13%	7%	13%	14%	9%	10%	17%	11%	*
Totals	100%	100%	100%	100%	101%	100%	100%	100%	100%	100%	*
Unweighted N	(876)	(422)	(454)	(204)	(150)	(295)	(227)	(584)	(109)	(126)	(57)

		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 important	30%	36%	25%	29%	33%	29%	31%	34%	31%	34%	27%	30%	29%
Somewhat important	38%	39%	39%	34%	40%	36%	33%	37%	41%	38%	40%	35%	40%
Not important	21%	15%	21%	30%	16%	27%	22%	20%	22%	13%	22%	23%	23%
Not sure	11%	10%	15%	7%	11%	9%	15%	9%	5%	15%	10%	13%	8%
Totals	100%	100%	100%	100%	100%	101%	101%	100%	99%	100%	99%	101%	100%
Unweighted N	(876)	(329)	(344)	(203)	(354)	(285)	(319)	(258)	(205)	(136)	(171)	(329)	(240)

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5L. Should U.S. Government Invest in Technologies — Blockchain

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	18%	19%	16%	29%	19%	13%	*	16%	*	*	*
Somewhat important	31%	29%	35%	39%	39%	19%	*	29%	*	*	*
Not important	33%	36%	27%	21%	28%	42%	*	36%	*	*	*
Not sure	17%	15%	21%	10%	14%	26%	*	18%	*	*	*
Totals	99%	99%	99%	99%	100%	100%	*	99%	*	*	*
Unweighted N	(500)	(303)	(197)	(155)	(109)	(147)	(89)	(306)	(78)	(79)	(37)

		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 important	18%	20%	14%	22%	16%	18%	15%	22%	20%	*	*	19%	22%
Somewhat important	31%	38%	28%	28%	30%	27%	29%	31%	29%	*	*	33%	31%
Not important	33%	28%	35%	36%	33%	40%	37%	30%	34%	*	*	33%	30%
Not sure	17%	14%	23%	15%	21%	16%	18%	17%	17%	*	*	15%	17%
Totals	99%	100%	100%	101%	100%	101%	99%	100%	100%	*	*	100%	100%
Unweighted N	(500)	(202)	(187)	(111)	(203)	(155)	(157)	(151)	(147)	(89)	(86)	(188)	(137)

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5M. Should U.S. Government Invest in Technologies — Metaverse

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	15%	15%	15%	30%	21%	7%	4%	12%	*	16%	*
Somewhat important	19%	21%	16%	25%	26%	11%	16%	15%	*	29%	*
Not important	45%	48%	42%	30%	36%	58%	51%	51%	*	38%	*
Not sure	21%	16%	26%	15%	16%	24%	28%	21%	*	16%	*
Totals	100%	100%	99%	100%	99%	100%	99%	99%	*	99%	*
Unweighted N	(763)	(392)	(371)	(195)	(141)	(245)	(182)	(494)	(99)	(119)	(51)

		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 important	15%	22%	7%	17%	16%	11%	13%	19%	17%	16%	12%	17%	13%
Somewhat important	19%	17%	21%	18%	18%	15%	22%	16%	19%	21%	14%	17%	25%
Not important	45%	39%	47%	51%	39%	58%	45%	43%	48%	40%	52%	45%	43%
Not sure	21%	22%	26%	14%	27%	15%	20%	22%	15%	22%	22%	21%	19%
Totals	100%	100%	101%	100%	100%	99%	100%	100%	99%	99%	100%	100%	100%
Unweighted N	(763)	(302)	(288)	(173)	(319)	(246)	(266)	(234)	(186)	(122)	(144)	(293)	(204)

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5N. Should U.S. Government Invest in Technologies — Augmented reality (AR)

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	18%	20%	16%	33%	21%	12%	6%	16%	*	19%	*
Somewhat important	29%	32%	24%	35%	36%	18%	27%	27%	*	29%	*
Not important	34%	35%	33%	22%	27%	45%	43%	37%	*	34%	*
Not sure	19%	13%	26%	11%	16%	24%	24%	19%	*	17%	*
Totals	100%	100%	99%	101%	100%	99%	100%	99%	*	99%	*
Unweighted N	(650)	(344)	(306)	(173)	(136)	(205)	(136)	(416)	(88)	(104)	(42)

		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 important	18%	24%	12%	19%	20%	14%	18%	21%	22%	20%	11%	22%	16%
Somewhat important	29%	32%	26%	27%	27%	24%	26%	27%	30%	25%	32%	26%	32%
Not important	34%	24%	40%	41%	31%	47%	32%	34%	37%	35%	39%	32%	34%
Not sure	19%	20%	21%	14%	23%	15%	24%	18%	11%	20%	18%	20%	18%
Totals	100%	100%	99%	101%	101%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	(650)	(264)	(246)	(140)	(273)	(201)	(221)	(196)	(172)	(103)	(117)	(250)	(180)

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5O. Should U.S. Government Invest in Technologies — Decentralized autonomous organization (DAO)

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	25%	23%	27%	40%	*	*	*	26%	*	*	*
Somewhat important	33%	35%	30%	33%	*	*	*	29%	*	*	*
Not important	23%	25%	20%	18%	*	*	*	22%	*	*	*
Not sure	19%	16%	22%	9%	*	*	*	23%	*	*	*
Totals	100%	99%	99%	100%	*	*	*	100%	*	*	*
Unweighted N	(258)	(149)	(109)	(114)	(73)	(46)	(25)	(135)	(54)	(48)	(21)

		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 important	25%	30%	*	*	*	*	*	*	*	*	*	31%	*
Somewhat important	33%	36%	*	*	*	*	*	*	*	*	*	25%	*
Not important	23%	19%	*	*	*	*	*	*	*	*	*	26%	*
Not sure	19%	15%	*	*	*	*	*	*	*	*	*	17%	*
Totals	100%	100%	*	*	*	*	*	*	*	*	*	99%	*
Unweighted N	(258)	(118)	(75)	(65)	(94)	(74)	(87)	(80)	(69)	(50)	(34)	(100)	(74)

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5P. Should U.S. Government Invest in Technologies — Artificial organs

How important do you think it is for the U.S. government to invest in the following technology?

Asked of those who have heard about the technology

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very important	36%	33%	39%	43%	30%	36%	34%	33%	*	*	*
Somewhat important	36%	37%	34%	30%	39%	33%	41%	38%	*	*	*
Not important	17%	19%	16%	17%	17%	16%	20%	18%	*	*	*
Not sure	11%	11%	11%	9%	14%	14%	5%	11%	*	*	*
Totals	100%	100%	100%	99%	100%	99%	100%	100%	*	*	*
Unweighted N	(656)	(336)	(320)	(164)	(120)	(208)	(164)	(437)	(80)	(96)	(43)

		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 important	36%	45%	31%	32%	42%	29%	34%	40%	37%	*	32%	37%	42%
Somewhat important	36%	35%	32%	41%	35%	38%	37%	32%	35%	*	39%	35%	28%
Not important	17%	13%	22%	17%	11%	26%	17%	19%	17%	*	16%	19%	15%
Not sure	11%	8%	15%	9%	12%	7%	12%	9%	12%	*	13%	9%	15%
Totals	100%	101%	100%	99%	100%	100%	100%	100%	101%	*	100%	100%	100%
Unweighted N	(656)	(245)	(255)	(156)	(268)	(208)	(224)	(199)	(166)	(96)	(125)	(256)	(179)

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6. When Will Computers Become More Intelligent Than People

By when, if ever, would you expect computers to become more intelligent than people?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Computers are already more intelligent than people	27%	23%	31%	26%	19%	35%	26%	29%	22%	23%	*
Before 2025	6%	6%	5%	9%	7%	5%	3%	5%	12%	6%	*
2025-2049	13%	17%	10%	10%	15%	12%	17%	13%	9%	19%	*
2050-2099	11%	13%	9%	20%	14%	6%	9%	12%	10%	10%	*
2100-2199	5%	8%	3%	7%	7%	4%	3%	4%	6%	8%	*
2200 or later	4%	4%	4%	4%	7%	3%	3%	3%	6%	10%	*
Never	15%	13%	16%	8%	13%	18%	18%	16%	12%	11%	*
Not sure	18%	15%	21%	17%	17%	18%	22%	18%	22%	12%	*
Totals	99%	99%	99%	101%	99%	101%	101%	100%	99%	99%	*
Unweighted N	(997)	(471)	(526)	(229)	(187)	(332)	(249)	(658)	(127)	(151)	(61)

		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Computers are already more intelligent than people	27%	24%	28%	30%	26%	29%	31%	24%	24%	20%	35%	28%	25%
Before 2025	6%	6%	5%	6%	5%	5%	5%	5%	7%	6%	6%	5%	6%
2025-2049	13%	16%	12%	12%	15%	14%	11%	15%	18%	11%	7%	14%	19%
2050-2099	11%	14%	9%	11%	12%	9%	9%	15%	14%	13%	9%	10%	13%
2100-2199	5%	7%	6%	3%	5%	4%	6%	5%	4%	7%	5%	4%	6%
2200 or later	4%	5%	5%	4%	4%	4%	7%	2%	5%	4%	6%	5%	3%
Never	15%	12%	14%	19%	11%	20%	13%	15%	16%	18%	16%	14%	12%

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		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Not sure	18%	17%	22%	15%	21%	16%	17%	20%	11%	20%	16%	20%	16%
Totals	99%	101%	101%	100%	99%	101%	99%	101%	99%	99%	100%	100%	100%
Unweighted N	(997)	(365)	(394)	(238)	(388)	(319)	(379)	(287)	(222)	(160)	(193)	(379)	(265)

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7. Will Superintelligent Computers Attack People

How concerned are you about the possibility of computers that are more intelligent than people attacking humanity?

		Gender		Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very concerned	17%	17%	17%	24%	17%	15%	13%	15%	27%	19%	*
Somewhat concerned	32%	34%	30%	35%	37%	28%	31%	31%	34%	30%	*
Not very concerned	18%	18%	17%	16%	10%	19%	25%	19%	13%	24%	*
Not concerned at all	9%	9%	9%	7%	10%	9%	8%	8%	7%	8%	*
Not sure	10%	8%	11%	10%	12%	11%	5%	11%	7%	8%	*
Not asked - computers will never become more intelligent than people	15%	13%	16%	8%	13%	18%	18%	16%	12%	12%	*
Totals	101%	99%	100%	100%	99%	100%	100%	100%	100%	101%	*
Unweighted N	(993)	(468)	(525)	(226)	(186)	(332)	(249)	(658)	(127)	(147)	(61)

		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	17%	15%	16%	19%	15%	19%	17%	16%	20%	16%	13%	20%	15%
Somewhat concerned	32%	38%	29%	30%	35%	29%	32%	33%	30%	29%	33%	31%	35%
Not very concerned	18%	22%	16%	16%	20%	17%	16%	20%	20%	15%	19%	16%	22%
Not concerned at all	9%	7%	10%	9%	9%	8%	10%	8%	7%	7%	10%	9%	10%
Not sure	10%	6%	15%	6%	9%	8%	11%	8%	7%	14%	9%	10%	6%
Not asked - computers will never become more intelligent than people	15%	12%	14%	19%	11%	20%	13%	15%	16%	18%	16%	14%	13%
Totals	101%	100%	100%	99%	99%	101%	99%	100%	100%	99%	100%	100%	101%

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		Party ID			2020 Vote		Family Income (3 category)			Census Region			
	Total	Dem	Ind	Rep	Biden	Trump	< $50K	$50-100K	$100K+	Northeast	Midwest	South	West
Unweighted N	(993)	(363)	(392)	(238)	(387)	(317)	(377)	(287)	(220)	(159)	(193)	(378)	(263)

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Interviewing Dates	April 19 - 23, 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 0.17 to 5.722, with a mean of 1 and a standard deviation of 0.462.
Number of respondents	1000
Margin of error	$\pm$ 3.4% (adjusted for weighting)
Survey mode	Web-based interviews
Questions not reported	56 questions not reported.