

# Daily Survey: Climate change

November 6 - 7, 2017 - 1000 US Adults



## 1. Group Randomization

Survey Experiment Group Randomization

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
federal government	50%	48%	51%	49%	50%	46%	56%	50%	53%	53%	35%
Trump administration	50%	52%	49%	51%	50%	54%	44%	50%	47%	47%	65%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	1,000	437	563	183	274	342	201	750	124	70	56

	Party ID			Family Income (3 category)				Census Region				
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
federal government	50%	53%	48%	49%	50%	47%	45%	57%	40%	52%	53%	51%
Trump administration	50%	47%	52%	51%	50%	53%	55%	43%	60%	48%	47%	49%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	1,000	324	392	284	444	266	144	146	205	249	350	196

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## 2. Climate change cause

Which of the following BEST represents your view on the subject of climate change?

	Gender		Age (4 category)				Race (4 category)				
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
The world's climate is changing as a result of human activity only	17%	19%	14%	20%	16%	19%	10%	16%	14%	24%	13%
The world's climate is changing as a result of natural causes only	15%	19%	11%	16%	12%	13%	22%	15%	25%	8%	11%
The world's climate is changing as a result of both human activity and natural causes	53%	45%	60%	48%	52%	54%	57%	54%	44%	50%	59%
The world's climate is not changing	6%	7%	4%	1%	6%	6%	8%	6%	3%	5%	2%
Don't know	10%	9%	10%	15%	14%	8%	3%	8%	15%	13%	15%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	998	437	561	183	272	342	201	749	123	70	56

	Party ID			Family Income (3 category)				Census Region				
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
The world's climate is changing as a result of human activity only	17%	23%	17%	9%	17%	15%	16%	18%	19%	16%	15%	19%
The world's climate is changing as a result of natural causes only	15%	10%	14%	23%	13%	13%	20%	21%	13%	17%	14%	17%
The world's climate is changing as a result of both human activity and natural causes	53%	56%	50%	53%	51%	61%	53%	44%	56%	49%	56%	48%

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	Party ID				Family Income (3 category)				Census Region			
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
The world's climate is not changing	6%	3%	4%	11%	5%	5%	8%	7%	6%	6%	5%	5%
Don't know	10%	7%	15%	5%	13%	6%	3%	10%	5%	12%	11%	11%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	998	322	392	284	443	265	144	146	205	249	348	196

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### 3. Severe weather

Has severe weather in 2017 affected your opinion in general about climate change?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Completely	9%	7%	10%	6%	14%	9%	5%	7%	14%	15%	11%
A lot	11%	11%	12%	14%	11%	12%	9%	11%	11%	16%	9%
A moderate amount	17%	13%	20%	23%	16%	16%	12%	14%	20%	28%	15%
A little	12%	12%	13%	13%	15%	13%	8%	12%	15%	8%	14%
Not at all	42%	48%	37%	28%	33%	46%	62%	48%	27%	27%	36%
Don't know	8%	8%	9%	16%	12%	3%	5%	7%	12%	7%	15%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	999	437	562	183	274	342	200	749	124	70	56

	Party ID				Family Income (3 category)				Census Region			
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
Completely	9%	14%	7%	6%	11%	8%	4%	8%	11%	5%	11%	8%
A lot	11%	14%	13%	6%	9%	11%	19%	14%	14%	11%	9%	13%
A moderate amount	17%	22%	16%	13%	21%	18%	11%	5%	22%	16%	15%	16%
A little	12%	13%	13%	10%	13%	11%	10%	14%	12%	18%	11%	9%
Not at all	42%	32%	37%	62%	33%	51%	54%	51%	34%	43%	45%	45%
Don't know	8%	5%	13%	3%	13%	2%	1%	9%	7%	7%	9%	10%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	999	323	392	284	443	266	144	146	204	249	350	196

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## 4. Hurricane season

Do you think that climate change has played a role in the unusually severe hurricane season this year?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Completely	18%	14%	22%	17%	25%	17%	13%	15%	20%	32%	26%
A lot	20%	17%	23%	24%	17%	19%	22%	19%	21%	27%	14%
A moderate amount	17%	17%	17%	24%	15%	16%	14%	15%	25%	25%	17%
A little	10%	13%	8%	13%	10%	11%	8%	12%	10%	2%	9%
Not at all	23%	28%	17%	7%	18%	28%	36%	27%	11%	13%	17%
Don't know	12%	12%	12%	15%	15%	10%	8%	13%	14%	2%	17%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	997	437	560	181	273	342	201	749	123	69	56

	Party ID				Family Income (3 category)				Census Region			
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
Completely	18%	29%	16%	8%	20%	16%	12%	17%	19%	13%	19%	21%
A lot	20%	32%	18%	9%	18%	22%	26%	18%	25%	20%	17%	20%
A moderate amount	17%	19%	19%	12%	21%	16%	11%	12%	21%	17%	16%	15%
A little	10%	7%	11%	14%	11%	10%	10%	8%	10%	10%	9%	13%
Not at all	23%	6%	22%	42%	18%	26%	27%	30%	14%	23%	26%	24%
Don't know	12%	7%	14%	14%	11%	10%	15%	16%	10%	16%	13%	8%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	997	323	390	284	442	266	143	146	205	248	349	195

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### 5. Change in human activity

How much, if at all, do you think that climate change can be actively reduced by changing human activities, for example taking steps such as reducing carbon emissions, switching to clean energy, recycling, etc.?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Completely	10%	10%	10%	10%	15%	8%	7%	9%	7%	20%	11%
A lot	20%	17%	23%	16%	21%	22%	19%	20%	25%	11%	28%
A moderate amount	24%	22%	27%	35%	19%	26%	16%	21%	36%	39%	16%
A little	18%	22%	14%	12%	19%	17%	24%	21%	9%	11%	17%
Not at all	16%	20%	12%	12%	9%	18%	24%	19%	9%	9%	11%
Don't know	12%	9%	14%	15%	17%	8%	9%	11%	14%	10%	18%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	998	437	561	183	274	341	200	750	122	70	56

	Party ID				Family Income (3 category)				Census Region			
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
Completely	10%	13%	9%	7%	12%	7%	5%	13%	14%	7%	12%	7%
A lot	20%	33%	18%	9%	19%	22%	24%	19%	19%	18%	20%	24%
A moderate amount	24%	30%	26%	15%	26%	25%	19%	21%	32%	23%	23%	21%
A little	18%	10%	15%	31%	16%	20%	21%	17%	14%	24%	17%	16%
Not at all	16%	5%	15%	29%	12%	19%	21%	19%	11%	16%	17%	19%
Don't know	12%	9%	16%	8%	15%	7%	10%	12%	9%	12%	13%	14%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	998	322	392	284	442	266	144	146	204	249	350	195

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## 6. International government actions

In regards to climate change, which ONE of the following do you think the world's governments should do as soon as possible?

	Gender		Age (4 category)				Race (4 category)				
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
All work together to improve the global environment	50%	42%	57%	41%	54%	53%	49%	48%	49%	56%	56%
Focus on fixing climate change in their own countries	16%	21%	12%	16%	13%	17%	20%	19%	11%	8%	7%
Not do anything and let nature take its course	14%	17%	12%	10%	9%	14%	23%	16%	13%	8%	8%
Not do anything and let nature take its course on Earth, but focus on colonizing other planets for human life	5%	5%	5%	9%	5%	4%	2%	4%	5%	9%	9%
Not sure	15%	15%	15%	23%	19%	12%	7%	12%	22%	19%	20%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	998	436	562	182	273	342	201	749	124	69	56

	Party ID			Family Income (3 category)				Census Region				
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
All work together to improve the global environment	50%	71%	46%	31%	51%	51%	48%	46%	56%	45%	51%	47%
Focus on fixing climate change in their own countries	16%	11%	15%	24%	14%	21%	19%	14%	16%	14%	16%	21%
Not do anything and let nature take its course	14%	8%	10%	26%	11%	15%	21%	17%	10%	13%	17%	15%

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	Total	Party ID			Family Income (3 category)				Census Region			
		Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
Not do anything and let nature take its course on Earth, but focus on colonizing other planets for human life	5%	1%	7%	6%	6%	4%	3%	6%	5%	9%	3%	3%
Not sure	15%	8%	22%	12%	18%	10%	9%	17%	14%	18%	14%	14%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	998	323	391	284	444	265	143	146	204	249	350	195



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## 7. Fear of extinction

How afraid, if at all, are you that climate change 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 afraid	14%	12%	15%	18%	20%	11%	5%	11%	12%	31%	12%
Somewhat afraid	31%	28%	34%	36%	30%	32%	28%	30%	34%	37%	29%
Not very afraid	23%	21%	24%	26%	24%	21%	22%	24%	27%	14%	15%
Not at all afraid	32%	38%	27%	21%	27%	36%	46%	35%	27%	18%	43%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	996	437	559	182	274	340	200	747	123	70	56

  

	Party ID			Family Income (3 category)				Census Region				
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
Very afraid	14%	19%	13%	8%	15%	8%	12%	18%	19%	13%	12%	11%
Somewhat afraid	31%	49%	28%	17%	33%	32%	28%	26%	35%	28%	32%	30%
Not very afraid	23%	21%	23%	24%	22%	24%	29%	18%	24%	25%	19%	24%
Not at all afraid	32%	11%	35%	52%	29%	37%	31%	39%	23%	33%	36%	34%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	996	322	392	282	441	266	143	146	202	249	350	195

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### 8. Habitable Earth

If no changes are made in how humans currently manage the environment, how much longer do you think the Earth will be habitable for humans?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Fewer than 300 years	22%	20%	24%	21%	27%	22%	18%	21%	23%	24%	29%
300 years, up to 500 years	13%	13%	13%	18%	13%	15%	5%	14%	10%	7%	20%
500 years, up to 1,000 years	12%	13%	12%	10%	18%	12%	9%	11%	14%	15%	19%
1,000 years, up to 5000 years	10%	10%	10%	18%	10%	8%	6%	9%	15%	11%	7%
5,000 years or more	11%	13%	9%	11%	10%	9%	16%	13%	6%	6%	10%
Indefinitely	31%	31%	31%	21%	22%	35%	47%	32%	31%	38%	15%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	984	432	552	175	274	340	195	742	119	68	55

	Party ID				Family Income (3 category)				Census Region			
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
Fewer than 300 years	22%	35%	21%	9%	24%	21%	13%	23%	21%	23%	21%	24%
300 years, up to 500 years	13%	14%	13%	13%	11%	13%	15%	18%	17%	13%	8%	18%
500 years, up to 1,000 years	12%	15%	12%	9%	13%	12%	16%	8%	11%	11%	15%	10%
1,000 years, up to 5000 years	10%	11%	9%	11%	9%	11%	11%	10%	8%	11%	13%	7%
5,000 years or more	11%	7%	11%	16%	9%	13%	13%	12%	13%	13%	9%	10%
Indefinitely	31%	17%	35%	41%	33%	29%	31%	28%	31%	30%	33%	31%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	984	318	386	280	437	264	144	139	202	245	344	193

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## 9. Trust the government

How much do you trust what the [federal government/Trump administration] says about climate change?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Completely	7%	8%	6%	1%	8%	7%	11%	8%	3%	2%	8%
A lot	9%	12%	7%	10%	7%	9%	12%	9%	9%	15%	6%
A moderate amount	13%	16%	10%	18%	13%	13%	6%	12%	19%	9%	10%
A little	14%	12%	17%	20%	16%	9%	15%	15%	9%	18%	16%
Not at all	38%	38%	38%	24%	32%	45%	46%	37%	44%	36%	33%
Don't know	19%	15%	23%	26%	24%	16%	10%	19%	16%	20%	28%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	998	435	563	181	274	342	201	750	123	70	55

	Party ID				Family Income (3 category)				Census Region			
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
Completely	7%	4%	5%	13%	6%	6%	8%	9%	8%	4%	9%	6%
A lot	9%	7%	8%	13%	8%	10%	16%	9%	7%	9%	11%	10%
A moderate amount	13%	12%	10%	18%	11%	17%	18%	6%	12%	7%	15%	17%
A little	14%	11%	17%	14%	16%	15%	9%	13%	11%	19%	13%	15%
Not at all	38%	51%	36%	26%	38%	38%	36%	37%	39%	41%	35%	38%
Don't know	19%	14%	24%	17%	21%	15%	12%	25%	23%	21%	18%	14%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	998	324	391	283	443	266	144	145	205	249	348	196

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## 10. Following climate report

How closely have you been following the news that the [federal government/Trump administration] released a scientific report calling human activity the dominant driver of global warming?

	Gender		Age (4 category)				Race (4 category)				
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Very closely	7%	9%	6%	3%	11%	6%	10%	7%	8%	6%	11%
Somewhat closely	22%	23%	21%	21%	17%	24%	24%	19%	29%	29%	24%
Not very closely	32%	35%	29%	37%	27%	31%	33%	33%	35%	28%	23%
Not following it at all	39%	33%	44%	38%	45%	39%	32%	41%	27%	36%	42%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	995	433	562	181	273	340	201	747	124	70	54

	Party ID			Family Income (3 category)				Census Region				
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
Very closely	7%	12%	5%	6%	5%	11%	9%	7%	10%	6%	7%	7%
Somewhat closely	22%	29%	20%	17%	18%	27%	27%	23%	18%	19%	23%	27%
Not very closely	32%	35%	28%	35%	32%	35%	38%	24%	35%	35%	26%	35%
Not following it at all	39%	24%	47%	41%	45%	27%	27%	46%	37%	40%	44%	30%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	995	323	390	282	440	266	144	145	204	249	347	195

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### 11. Agree with climate report

On Friday, November 3, the [federal government/Trump administration] released a scientific report calling human activity the dominant driver of global warming. Do you agree or disagree that human activity is the dominant driver of global warming?

	Gender			Age (4 category)				Race (4 category)			
	Total	Male	Female	18-29	30-44	45-64	65+	White	Black	Hispanic	Other
Agree strongly	26%	26%	27%	28%	32%	23%	23%	26%	17%	30%	42%
Agree somewhat	21%	19%	24%	24%	22%	23%	15%	20%	28%	25%	19%
Disagree somewhat	16%	18%	15%	18%	13%	16%	18%	16%	22%	19%	10%
Disagree strongly	17%	23%	11%	8%	12%	18%	29%	20%	11%	7%	15%
Not sure	19%	15%	23%	21%	21%	19%	14%	19%	21%	20%	15%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	994	434	560	180	272	341	201	747	124	70	53

	Party ID				Family Income (3 category)				Census Region			
	Total	Dem	Ind	Rep	< \$50K	\$50-100K	\$100K+	Prefer not to say	Northeast	Midwest	South	West
Agree strongly	26%	43%	24%	11%	23%	30%	24%	35%	35%	24%	24%	25%
Agree somewhat	21%	25%	21%	19%	23%	21%	24%	15%	22%	17%	23%	23%
Disagree somewhat	16%	14%	14%	23%	17%	20%	18%	9%	11%	22%	11%	25%
Disagree strongly	17%	7%	16%	31%	13%	19%	18%	25%	14%	14%	21%	15%
Not sure	19%	11%	26%	16%	24%	11%	17%	16%	18%	22%	20%	13%
Totals	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Unweighted N	994	322	389	283	441	264	144	145	201	248	350	195

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<b>Interviewing Dates</b>	November 6 - 7, 2017
<b>Target population</b>	U.S. citizens, aged 18 and over.
<b>Sampling method</b>	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 2014 American Community Study. Voter registration was imputed from the November 2014 Current Population Survey Registration and Voting Supplement.
<b>Weighting</b>	The sample was weighted based on gender, age, race, education, 2012 and 2016 Presidential votes. The weights range from 0.154 to 6.009, with a mean of one and a standard deviation of 0.769.
<b>Number of respondents</b>	1000
<b>Margin of error</b>	± 3.9% (adjusted for weighting)
<b>Survey mode</b>	Web-based interviews
<b>Questions not reported</b>	57 questions not reported.