

## GALLUP NEWS SERVICE

### GALLUP POLL SOCIAL SERIES: ENVIRONMENT

-- FINAL TOPLINE --

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Results are based on telephone interviews conducted March 1-5, 2017 with a random sample of **–1,018—**adults, aged 18+, living in all 50 U.S. states and the District of Columbia. For results based on this sample of national adults, the margin of sampling error is **±4** percentage points at the 95% confidence level.

For results based on the sample of **–516—**national adults in Form A, the margin of sampling error is **±5** percentage points.

For results based on the sample of **–502—**national adults in Form B, the margin of sampling error is **±5** percentage points.

For results based on the sample of **–536—**adults employed full- or part-time, the margin of sampling error is **±5** percentage points.

For results based on the sample of **–456—**Republicans and Republican-leaning independents, the margins of sampling error is **±6** percentage points.

Interviews are conducted with respondents on landline telephones and cellular phones, with interviews conducted in Spanish for respondents who are primarily Spanish-speaking. Each sample of national adults includes a minimum quota of 70% cell phone respondents and 30% landline respondents, with additional minimum quotas by time zone within region. Landline and cell phone telephone numbers are selected using random digit dial methods. Gallup obtained sample for this study from Survey Sampling International. Landline respondents are chosen at random within each household on the basis of which member has the next birthday.

Samples are weighted to correct for unequal selection probability, non-response, and double coverage of landline and cell users in the two sampling frames. They are also weighted to match the national demographics of gender, age, race, Hispanic ethnicity, education, region, population density, and phone status (cell phone-only/landline only/both and cell phone mostly). Demographic weighting targets are based on the March 2016 Current Population Survey figures for the aged 18 and older U.S. population. Phone status targets are based on the January-June 2016 National Health Interview Survey. Population density targets are based on the 2010 census. All reported margins of sampling error include the computed design effects for weighting.

In addition to sampling error, question wording and practical difficulties in conducting surveys can introduce error or bias into the findings of public opinion polls. For questions about how this survey was conducted, please contact [galluphelp@gallup.com](mailto:galluphelp@gallup.com).

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Turning to something else,

15. I'm going to read you a list of environmental problems. As I read each one, please tell me if you personally worry about this problem a great deal, a fair amount, only a little, or not at all. First, how much do you personally worry about -- [RANDOM ORDER]?

**D. Global Warming or Climate Change**

	<u>Great deal</u>	<u>Fair amount</u>	<u>Only a little</u>	<u>Not at all</u>	<u>No opinion</u>
2017 Mar 1-5	45	21	18	16	*
2016 Mar 2-6	37	27	17	19	*
2015 Mar 5-8	32	23	21	24	*
2014 Mar 6-9 †	34	22	19	24	*
2013 Mar 7-10 †	33	25	20	23	*
2012 Mar 8-11 †	30	25	22	23	1
2011 Mar 3-6 †	25	26	20	28	1
2010 Mar 4-7 †	28	24	19	29	*
2009 Mar 5-8 † ‡	34	26	20	20	1
2008 Mar 6-9 ‡	37	29	16	17	1
2007 Mar 11-14 ‡	41	24	18	16	1
2006 Mar 13-16 ‡	36	26	21	15	1
2004 Mar 8-11 ‡	26	25	28	19	2
2003 Mar 3-5 ‡	28	30	23	17	2
2002 Mar 4-7 ‡	29	29	23	17	2
2001 Mar 5-7 ‡	33	30	22	13	2
2000 Apr 3-9 ‡	40	32	15	12	1
1999 Apr 13-14 ‡	34	34	18	12	2
1999 Mar 12-14 ‡	28	31	23	16	2
1997 Oct 27-28 ‡	24	26	29	17	4
1991 Apr 11-14 ‡	35	27	22	12	5
1990 Apr 5-8 ‡	30	27	20	16	6
1989 May 4-7 ‡	35	28	18	12	7

Note: 2009-2014 WORDING: Global warming

1989-2009 WORDING: The "greenhouse effect" or global warming

2009 results based on combined results using the two different wordings, each asked of a half sample.

19. Next, thinking about the issue of global warming, how well do you feel you understand this issue? Would you say -- very well, fairly well, not very well, or not at all?

	<u>Very well</u>	<u>Fairly well</u>	<u>Not very well</u>	<u>Not at all</u>	<u>No opinion</u>
2017 Mar 1-5	29	50	19	3	*
2016 Mar 2-6	24	55	16	5	*
2015 Mar 5-8	25	52	19	4	*
2014 Mar 6-9	33	51	14	2	--
2013 Mar 7-10	27	52	18	3	*
2012 Mar 8-11	29	55	12	4	*
2011 Mar 3-6	25	55	15	4	1
2010 Mar 4-7	26	56	15	3	*
2008 Mar 6-9	21	59	18	2	*
2007 Mar 11-14	22	54	19	4	*
2006 Mar 13-16	21	53	20	6	*
2005 Mar 7-10	16	54	24	6	*
2004 Mar 8-11	18	50	26	6	*
2003 Mar 3-5	15	53	27	5	--
2002 Mar 4-7	17	52	25	6	*
2001 Mar 5-7	15	54	24	6	1
1997 Nov 6-9	16	45	28	10	1
1992 Jan	11	42	22	22	3

1992-2008 WORDING: Next, thinking about the issue of global warming, sometimes called the "greenhouse effect," how well do you feel you understand this issue -- would you say very well, fairly well, not very well, or not at all?

20. Which of the following statements reflects your view of when the effects of global warming will begin to happen – [ROTATED: they have already begun to happen, they will start happening within a few years, they will start happening within your lifetime, they will not happen within your lifetime, but they will affect future generations, (or) they will never happen]?

	<u>Already begun</u>	<u>Within a few years</u>	<u>Within your lifetime</u>	<u>Not within lifetime, but affect future</u>	<u>Will never happen</u>	<u>No opinion</u>
2017 Mar 1-5	62	4	7	16	9	3
2016 Mar 2-6	59	5	9	17	10	1
2015 Mar 5-8	55	3	8	17	16	1
2014 Mar 6-9	54	3	8	16	18	2
2013 Mar 7-10	54	3	9	15	15	3
2012 Mar 8-11	52	4	10	15	15	2
2011 Mar 3-6	49	4	9	17	18	3
2010 Mar 4-7	50	3	10	16	19	2
2009 Mar 5-8	53	5	10	15	16	2
2008 Mar 6-9	61	4	10	13	11	1
2007 Mar 23-25	60	4	7	15	11	3
2007 Mar 11-14	59	3	8	19	8	3
2006 Mar 13-16	58	5	10	15	8	3
2005 Mar 7-10	54	5	10	19	9	3
2004 Mar 8-11	51	5	12	18	11	3
2003 Mar 3-5	51	6	12	17	10	4
2002 Mar 4-7	53	5	13	17	9	3
2001 Mar 5-7	54	4	13	18	7	4
1997 Nov 6-9	48	3	14	19	9	7

21. Thinking about what is said in the news, in your view is the seriousness of global warming -- [ROTATED: generally exaggerated, generally correct, or is it generally underestimated]?

	<u>Generally exaggerated</u>	<u>Generally correct</u>	<u>Generally underestimated</u>	<u>No opinion</u>
2017 Mar 1-5	34	28	35	2
2016 Mar 2-6	34	25	40	2
2015 Mar 5-8	42	21	35	2
2014 Mar 6-9	42	23	33	2
2013 Mar 7-10	41	24	33	2
2012 Mar 8-11	42	24	31	3
2011 Mar 3-6	43	26	29	3
2010 Mar 4-7	48	24	25	3
2009 Mar 5-8	41	29	28	2
2008 Mar 6-9	35	33	29	2
2007 Mar 11-14	33	29	35	4
2006 Mar 13-16	30	28	38	4
2005 Mar 7-10	31	29	35	5
2004 Mar 8-11	38	25	33	4
2003 Mar 3-5	33	29	33	5
2002 Mar 4-7	31	32	32	5
2001 Mar 5-7	30	34	32	4
1997 Nov 6-9 ^	31	34	27	8

^ Based on half sample.

22. Just your impression, which one of the following statements do you think is most accurate – most scientists believe that global warming is occurring, most scientists believe that global warming is NOT occurring, or most scientists are unsure about whether global warming is occurring or not?

	<u>Is occurring</u>	<u>Not occurring</u>	<u>Unsure</u>	<u>No opinion</u>
2017 Mar 1-5	71	5	22	2
2016 Mar 2-6	65	7	25	3
2015 Mar 5-8	62	8	27	3
2014 Mar 6-9	60	8	29	3
2013 Mar 7-10	62	6	28	4
2012 Mar 8-11	58	7	32	3
2011 Mar 3-6	55	8	33	4
2010 Mar 4-7	52	10	36	2
2008 Mar 6-9	65	7	26	3
2006 Mar 13-16	65	3	29	3
2001 Mar 5-7	61	4	30	5
1997 Nov 21-23	48	7	39	6

23. And from what you have heard or read, do you believe increases in the Earth's temperature over the last century are due more to – [ROTATED: the effects of pollution from human activities (or) natural changes in the environment that are not due to human activities]?

	<u>Human activities</u>	<u>Natural causes</u>	<u>No opinion</u>
2017 Mar 1-5	68	29	3
2016 Mar 2-6	65	31	4
2015 Mar 5-8	55	41	4
2014 Mar 6-9	57	40	3
2013 Mar 7-10	57	39	4
2012 Mar 8-11	53	41	6
2011 Mar 3-6	52	43	5
2010 Mar 4-7	50	46	5
2008 Mar 6-9	58	38	5
2007 Mar 11-14	61	35	5
2006 Mar 13-16	58	36	6
2003 Mar 3-5	61	33	6
2001 Mar 5-7	61	33	6

24. Do you think that global warming will pose a serious threat to you or your way of life in your lifetime?

	<u>Yes</u>	<u>No</u>	<u>No opinion</u>
2017 Mar 1-5	42	57	1
2016 Mar 2-6	41	57	2
2015 Mar 5-8	37	62	2
2014 Mar 6-9	36	64	1
2013 Mar 7-10	34	64	1
2012 Mar 8-11	38	61	1
2010 Mar 4-7	32	67	2
2009 Mar 5-8	38	60	2
2008 Mar 6-9	40	58	2
2006 Mar 13-16	35	62	2
2002 Mar 4-7	33	65	2
2001 Mar 5-7	31	66	3
1997 Nov 6-9 ^	25	69	6

^ Asked of a half sample.