

GLOBAL WARMING NATIONAL POLL

RESOURCES FOR THE FUTURE

NEW YORK TIMES

STANFORD UNIVERSITY

Conducted by SSRS

Interview dates: January 7-22, 2015

Interviews: 1006 adults nationwide

Margin of error: +/- 3.7 percentage points at the 95% confidence level for full sample results

Notes:

All results show percentages among all respondents, unless otherwise labeled.

Please refer to the exact sample number at the bottom of each table.

All results shown are percentages unless otherwise labeled. * indicates less than .5 percent.

The sum might not add to exact 100 due to rounding.

Refusals are treated as valid data and are combined with don't knows.

Q1A. What do you think is the most important problem facing this country today?

| Problem | Percent |
|---|---------|
| Jobs and unemployment/low wages/minimum wage/lack of quality jobs | 12% |
| Economy / economic stability / recession (not stock market) | 12% |
| Terrorism (general) | 7% |
| Crime / violence (general) | 6% |
| Income gap/disparity between rich and poor/plight of middle class | 5% |
| Socialism/country becoming socialist | 5% |
| Government / government reform / lobbyists / special interests | 5% |
| Health care / health insurance / coverage / the cost of | 4% |
| Poverty / homelessness / hunger / government programs for | 4% |
| Immigration / illegal immigrants | 4% |
| Education / school loans / better quality of / build more schools /teachers' pay raises /local control /crowded schools | 3% |
| Miscellaneous social issues (general and other mentions) | 3% |
| DK/NA | 3% |
| Racism / race relations | 3% |
| Islamic extremists / Al Qaeda / ISIS | 3% |
| Miscellaneous government issues (general and other mentions) | 3% |
| Politicians / corrupt politicians /moral principles in government | 2% |
| Budget / national debt / deficit / surplus | 2% |
| Environment / global warming | 2% |
| Partisan politics / negativity / nastiness /gridlock | 2% |
| Personal finances / \$ for bills/ making ends meet / cost of living | 2% |
| Miscellaneous government programs (general and other mentions) | 2% |
| Police problems / corruption / brutality / racial profiling | 2% |
| Intolerance / non-racial prejudice / group hatred | 2% |
| Foreign policy / foreign affairs / | 2% |
| Other | 2% |
| Big government / bureaucracy / government doing/spending too much | 1% |
| Campaign fund-raising / campaign spending | 1% |

| Problem | Percent |
|--|---------|
| Taxes / IRS / cut/raise taxes | 1% |
| Drugs/illegal drugs | 1% |
| Barack Obama/the president | 1% |
| Media / TV/ movies / internet / violence in | 1% |
| Guns / protect our 2nd amendment rights / ban guns/create stricter gun laws / better enforcement of gun laws | 1% |
| Homeland security | 1% |
| Welfare/AFDC mention/ public dole | 1% |
| War/peace (general) | 1% |
| Crime /violence /gangs / violence in schools | 1% |
| Moral values / family values (not in gov't) | 1% |
| Republicans | 0% |
| Nothing | 0% |
| Business ethics/corporate wrongdoing and scandals | 0% |
| Miscellaneous youth (general and other mentions) | 0% |
| Miscellaneous economic issues (general and other mentions) | 0% |
| Oil dependency/fuel efficiency/energy policies | 0% |
| Medicare/Medicaid /the cost rises for elderly | 0% |
| Russian/Ukraine situation | 0% |
| Parenting / lack of discipline / bad parenting / lack of control /parents work too much | 0% |
| Iraq/war in Iraq | 0% |
| Everything | 0% |
| Biochemical/small pox | 0% |
| Congress | 0% |
| Social security | 0% |
| North Korea | 0% |
| Gay marriage/ same sex marriage | 0% |
| Foreign aid /less attention or money to foreign countries / general isolationist attitudes | 0% |
| Foreign trade / NAFTA/ sweat shops / child labor | 0% |
| Housing/cost of housing | 0% |
| Youth values / respect for authority / staying in school | 0% |

| Problem | Percent |
|--|---------|
| Electoral system / electoral college / voting methods / anything to do with election | 0% |
| Drug coverage/ prescription drugs | 0% |
| Middle east (general) | 0% |
| Miscellaneous foreign affairs (general and other mentions) | 0% |
| Family breakdown / single parents | 0% |
| Public works: roads, parks, etc. / infrastructure | 0% |
| Abortion – pro-choice / pro-life / the choice issue | 0% |
| Judicial branch / judges / appointment of | 0% |
| Democrats | 0% |
| Elderly / in general | 0% |
| Total | 121% |

Q1B. What do you think will be the most serious problem facing the world in the future if nothing is done to address it?

| Problem | Percent |
|---|---------|
| Environment / global warming | 16% |
| Terrorism (general) | 14% |
| DK/NA | 8% |
| War/peace (general) | 8% |
| Other | 7% |
| Miscellaneous social issues (general and other mentions) | 6% |
| Crime / violence (general) | 6% |
| Poverty / homelessness / hunger / government programs for | 6% |
| Economy / economic stability / recession (not stock market) | 5% |
| Islamic extremists / Al Qaeda / ISIS | 5% |
| Jobs and unemployment/low wages/minimum wage/lack of quality jobs | 3% |
| Income gap/disparity between rich and poor/plight of middle class | 3% |
| Oil dependency/fuel efficiency/energy policies | 2% |
| Intolerance / non-racial prejudice / group hatred | 2% |
| Health care / health insurance / coverage / the cost of | 2% |
| Immigration / illegal immigrants | 2% |
| Miscellaneous foreign affairs (general and other mentions) | 2% |
| Personal finances / \$ for bills/ making ends meet / cost of living | 1% |
| Religious values / prayer in schools / separation of church and state | 1% |
| Education / school loans / better quality of / build more schools /teachers' pay raises /local control /crowded schools | 1% |
| Barack Obama/the president | 1% |
| Nuclear / power-weapons | 1% |
| Budget / national debt / deficit / surplus | 1% |
| Racism / race relations | 1% |
| Defense / Military / national security | 1% |
| Politicians / corrupt politicians /moral principles in government | 1% |
| Agriculture / family farms / farm problems | 1% |
| Foreign policy / foreign affairs / | 1% |

| Problem | Percent |
|---|---------|
| Drugs/illegal drugs | 1% |
| Middle east (general) | 1% |
| Miscellaneous economic issues (general and other mentions) | 1% |
| Welfare/AFDC mention/ public dole | 0% |
| Biochemical/small pox | 0% |
| Afghanistan/war in Afghanistan/Taliban | 0% |
| Police problems / corruption / brutality / racial profiling | 0% |
| Miscellaneous youth (general and other mentions) | 0% |
| Government / government reform / lobbyists / special interests | 0% |
| Natural disasters (earthquakes, storms, or general) | 0% |
| Housing/cost of housing | 0% |
| Big government / bureaucracy / government doing/spending too much | 0% |
| Guns / protect our 2nd amendment rights / ban guns/create stricter gun laws / better enforcement of gun laws | 0% |
| Miscellaneous government issues (general and other mentions) | 0% |
| Criminal policy/prison/punishment/sentencing/tougher laws/death penalty/better enforcement/tough on crime/more police | 0% |
| Crime /violence /gangs / violence in schools | 0% |
| Community / lack of unity / lack of caring / neighborhoods | 0% |
| Business ethics/corporate wrongdoing and scandals | 0% |
| Socialism/country becoming socialist | 0% |
| Moral values / family values (not in gov't) | 0% |
| Media / TV/ movies / internet / violence in | 0% |
| Medicare/Medicaid /the cost rises for elderly | 0% |
| Homeland security | 0% |
| Social security | 0% |
| Congress | 0% |
| North Korea | 0% |
| Israel/Palestinians/Gaza/West Bank/Hamas/Arab-Israeli conflict | 0% |
| Family breakdown / single parents | 0% |
| Nothing | 0% |
| Foreign trade / NAFTA/ sweat shops / child labor | 0% |

| Problem | Percent |
|---|---------|
| Drug coverage/ prescription drugs | 0% |
| Taxes / IRS / cut/raise taxes | 0% |
| Republicans | 0% |
| Russian/Ukraine situation | 0% |
| Iraq/war in Iraq | 0% |
| Gay marriage/ same sex marriage | 0% |
| Public works: roads, parks, etc. / infrastructure | 0% |
| Total | 114% |

Q1. How much do you trust the things that scientists say about the environment - completely, a lot, a moderate amount, a little, or not at all?

| Q1 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | 6/21/12 | 12/5/13 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|--------|---------|---------|----------|
| Completely | 5 | 5 | 6 | 8 | 5 | 7 | 4 | 8 | 11 |
| A lot | 27 | 27 | 24 | 24 | 26 | 23 | 22 | 22 | 27 |
| A moderate amount | 41 | 43 | 39 | 38 | 40 | 41 | 38 | 34 | 32 |
| A little | 22 | 19 | 23 | 21 | 22 | 22 | 28 | 24 | 20 |
| Not at all | 5 | 5 | 7 | 9 | 7 | 7 | 7 | 12 | 8 |
| Don't know/Refused | 1 | 1 | 1 | 1 | * | * | * | * | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1002 | 1000 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

Q4A¹. As far as you know, would you say that weather patterns around the world have been more stable in the last three years than before that, more unstable, or about the same?

Q4B. As far as you know, would you say that weather patterns around the world have been more unstable in the last three years than before that, more stable, or about the same?

| Q4a/Q4b | Mar-06 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|--------|----------|----------|----------|
| More stable | 3 | 5 | 5 | 3 | 3 | 5 | 4 |
| More unstable | 70 | 54 | 62 | 63 | 60 | 62 | 60 |
| About the same | 26 | 38 | 32 | 30 | 36 | 32 | 34 |
| Don't know/Refused | 1 | 3 | 2 | 4 | 1 | * | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

¹ Half of the sample (selected randomly) was asked Q4A, and the other half of the sample was asked Q4B.

- Q5A². As far as you know, would you say that average temperatures around the world have been higher in the last three years than before that, lower, or about the same?
- Q5B. As far as you know, would you say that average temperatures around the world have been lower in the last three years than before that, higher, or about the same?

| Q5a/b | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
| Higher | 56 | 56 | 58 | 43 | 44 | 46 | 58 | 48 | 49 |
| Lower | 8 | 9 | 8 | 11 | 9 | 9 | 9 | 15 | 17 |
| About the same | 33 | 28 | 31 | 40 | 41 | 38 | 30 | 36 | 31 |
| Don't know/Refused | 3 | 7 | 3 | 5 | 6 | 7 | 3 | 1 | 3 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1002 | 1000 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

- [2013-2015] Q12. What is your personal opinion? Do you think that the world's temperature probably has been going up over the past 100 years, or do you think this probably has not been happening?
- [2012] Q12. [ASK HALF SUBSAMPLE_A] What is your personal opinion? Do you think that the world's temperature probably has been going up slowly over the past 100 years, or do you think this probably has not been happening?
- Q12A. [ASK HALF SUBSAMPLE_B] What is your personal opinion? Do you think that the world's temperature probably has been going up over the past 100 years, or do you think this probably has not been happening?
- [3/14/2006-2011]. You may have heard about the idea that the world's temperature may have been going up slowly over the past 100 years. What is your personal opinion on this - do you think this has probably been happening, or do you think it probably has not been happening?
- [1997-8; 3/14/2006-2011]. You may have heard about the idea that the world's temperature may have been going up slowly over the past 100 years. What is your personal opinion on this - do you think this has probably been happening, or do you think it probably has not been happening?

| Q12 | Oct-97 | Feb-98 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Sep-11 | Jun-2012 | Dec-2013 | 6/8/2014 | Jan-2015 |
|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|----------|
| Has been happening | 77 | 79 | 85 | 84 | 80 | 75 | 74 | 75 | 83 | 73 | 73 | 73 | 69 |
| Has not been happening | 20 | 19 | 13 | 13 | 18 | 22 | 24 | 23 | 15 | 25 | 26 | 24 | 25 |
| Don't know/Refused | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 1 | 3 | 6 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1002 | 1002 | 1000 | 1005 | 1000 | 1001 | 1134 | 804 | 801 | 1023 | 1006 |

² Half of the sample (selected randomly) was asked Q5A, and the other half of the sample was asked Q5B.

[2012-2015] Q13. How sure are you that the world's temperature has [IF Q12 = 2 "PROBABLY HAS NOT BEEN HAPPENING", not] been going up over the past 100 years - extremely sure, very sure, somewhat sure, or not sure at all?

Q13A. [2012] How sure are you that the world's temperature has been going up [IF SUBSAMPLE_A: slowly] over the past 100 years- extremely sure, very sure, somewhat sure, or not sure at all?

[1997-8, 2006-2011] How sure are you that the world's temperature has been going up - extremely sure, very sure, somewhat sure, or not sure at all?

Q13B. [2012] How sure are you that the world's temperature has not been going up [IF SUBSAMPLE_A: slowly] over the past 100 years- extremely sure, very sure, somewhat sure, or not sure at all?

[1997-8, 2006-2011] How sure are you that the world's temperature has not been going up - extremely sure, very sure, somewhat sure, or not sure at all?

| Q13A/B | Oct-97 | Feb-98 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Sep-11 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
| Extremely sure | 14 | 15 | 17 | 16 | 20 | 20 | 18 | 16 | 24 | 20 | 18 | 18 |
| Very sure | 29 | 26 | 26 | 31 | 29 | 26 | 27 | 29 | 29 | 29 | 26 | 33 |
| Somewhat sure | 40 | 38 | 43 | 41 | 37 | 38 | 40 | 43 | 34 | 40 | 44 | 35 |
| Not sure at all | 17 | 20 | 13 | 11 | 13 | 17 | 15 | 12 | 12 | 11 | 11 | 12 |
| Don't know/Refused | 1 | 1 | * | 1 | * | * | * | 1 | 1 | 1 | * | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 672 | 705 | 985 | 977 | 975 | 981 | 976 | 971 | 1108 | 784 | 792 | 960 |

| Q13A "Has been happening" | Oct-97 | Feb-98 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Sep-11 | Jun-2012 | Dec-2013 | Jan-2015 |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
| Extremely sure | 14 | 16 | 19 | 17 | 20 | 19 | 20 | 18 | 25 | 22 | 20 | 22 |
| Very sure | 31 | 28 | 26 | 32 | 31 | 25 | 27 | 30 | 28 | 31 | 28 | 36 |
| Somewhat sure | 41 | 39 | 44 | 40 | 37 | 41 | 41 | 42 | 35 | 39 | 45 | 33 |
| Not sure at all | 14 | 16 | 11 | 10 | 10 | 16 | 13 | 10 | 11 | 8 | 6 | 8 |
| Don't know/Refused | * | 1 | * | 1 | * | * | * | * | 1 | 1 | * | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 526 | 571 | 849 | 837 | 796 | 750 | 729 | 764 | 927 | 591 | 588 | 705 |

| Q13B "Has not been happening" | Oct-97 | Feb-98 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Sep-11 | Jun-2012 | Dec-2013 | Jan-2015 |
|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
| Extremely sure | 14 | 12 | 10 | 10 | 16 | 24 | 12 | 9 | 21 | 15 | 11 | 10 |
| Very sure | 21 | 15 | 24 | 23 | 20 | 28 | 27 | 26 | 32 | 21 | 20 | 25 |
| Somewhat sure | 36 | 36 | 38 | 48 | 38 | 27 | 40 | 45 | 28 | 43 | 44 | 41 |
| Not sure at all | 29 | 36 | 28 | 19 | 26 | 21 | 21 | 20 | 20 | 21 | 24 | 21 |
| Don't know/Refused | * | 1 | * | 1 | * | * | * | * | * | 1 | 1 | 2 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 146 | 134 | 136 | 140 | 179 | 231 | 253 | 207 | 181 | 193 | 204 | 255 |

[2014-2015] Q14A. If the world's temperature did increase over the past 100 years, do you think this increase was caused mostly by things people did, mostly by natural causes, or about equally by things people did and by natural causes?

Q14B. Assuming it's happening, do you think a rise in the world's temperature would have been caused mostly by things people do, mostly by natural causes, or about equally by things people do and by natural causes?

[2012-2013] Q14A1. Do you think that the increase in the world's temperature over the past 100 years was caused mostly by things people did, mostly by natural causes, or about equally by things people did and by natural causes?

Q14B1. If the world's temperature did increase over the past 100 years, do you think this increase was caused mostly by things people did, mostly by natural causes, or about equally by things people did and by natural causes?

[2006-2011]. Do you think a rise in the world's temperature is being caused mostly by things people do, mostly by natural causes, or about equally by things people do and by natural causes?

[2006-2011]. Assuming it's happening, do you think a rise in the world's temperature would be caused mostly by things people do, mostly by natural causes, or about equally by things people do and by natural causes?

[2006-2011]. Would you lean toward saying it would be caused mostly by things people do or mostly by natural causes?

[1997-8] Now I'd like to ask you what you think might cause global warming. [I realized that you don't expect global warming to happen, but I would like to ask you what you think might cause it. Some people have told us that global warming would be brought about mostly by things people do. Others have said that global warming would be brought about mostly by what nature does itself. Still others think that people and nature would play about equal roles in causing global warming. Which of these views is closest to yours?

| Q14A/B | Oct-97 | Feb-98 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Sep-11 | Jun-2012 | Dec-2013 | 6/8/2014 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|----------|
| Things people did | 40 | 42 | 31 | 41 | 34 | 30 | 30 | 31 | 27 | 30 | 32 | 33 | 40 |
| Natural causes | 18 | 16 | 19 | 17 | 21 | 27 | 25 | 24 | 27 | 22 | 20 | 20 | 18 |
| About equally | 41 | 40 | 49 | 42 | 44 | 40 | 45 | 45 | 45 | 47 | 48 | 45 | 41 |
| Don't know/Refused | 2 | 2 | 1 | 1 | 1 | 3 | * | 1 | 2 | 1 | * | 1 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1002 | 1001 | 1000 | 901 | 1000 | 1001 | 1134 | 804 | 801 | 1023 | 1006 |

[2013, 2015] Q14C. Do you think the increase in the world's temperature over the past 100 years is good, bad, or neither good nor bad?

Q14D. If the world's temperature did increase over the past 100 years, do you think that that increase would be good, bad, or neither good nor bad?

[2012] Q14C. Do you think the [IF SUBSAMPLE_A: slow] increase in the world's temperature over the past 100 years is good, bad, or neither good nor bad?

Q14D. If the world's temperature did increase [IS SUBSAMPLE_A: slowly] over the past 100 years, do you think that that increase would be good, bad, or neither good nor bad?

[2012, 2013, 2015] Q14D1e. Do you lean toward thinking it [IF Q14C = 3, is/IF Q14D = 3, would be] good, lean toward thinking it [IF Q14C = 3, is/IF Q14D = 3, would be] bad, or don't you lean either way?

Q014D1. Would you say it [IF Q14C = 1 "GOOD", is/IF Q14D = 1 "GOOD", would be] very good or somewhat good?

Q014D2. Would you say it [IF Q14C = 2 "BAD", is/IF Q14D = 2 "BAD", would be] very bad or somewhat bad?

| Q14C/Q14D | Jun-2012 | Dec-2013 | Jan-2015 |
|----------------------|----------|----------|----------|
| Good | 4 | 5 | 3 |
| Bad | 51 | 52 | 57 |
| Neither good nor bad | 43 | 42 | 38 |
| Don't know/Refused | 1 | 1 | 2 |
| Total | 100 | 100 | 100 |
| N | 804 | 801 | 1006 |

| Q14C/Q14D & Q14D1E | Dec-2013 | Jan-2015 |
|-----------------------|----------|----------|
| Good/Lean toward Good | 8 | 6 |
| Bad/Lean toward Bad | 60 | 66 |
| Neither good nor bad | 30 | 26 |
| Don't know/Refused | 1 | 2 |
| Total | 100 | 100 |
| N | 801 | 1006 |

| Q14C/Q14D & Q14D1E & Q14D1 & Q14D2 | Dec-2013 | Jan-2015 |
|------------------------------------|----------|----------|
| Very Good | 1 | 1 |
| Somewhat Good | 4 | 3 |
| Lean toward good | 3 | 2 |
| Very Bad | 27 | 29 |
| Somewhat bad | 25 | 27 |
| Lean toward bad | 9 | 9 |
| Neither good nor bad | 30 | 27 |
| Don't know/Refused | 1 | 2 |
| Total | 100 | 100 |
| N | 801 | 1006 |

Q14F. If nothing is done to prevent it, do you think the world's temperature probably will go up over the next 100 years, or do you think the world's temperature probably will not go up over the next 100 years?

| Q14F | Oct-97 | Feb-98 | Nov-10 | Sep-11 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|--------|----------|----------|----------|
| Will go up | 74 | 75 | 75 | 72 | 72 | 76 | 73 |
| Will not go up | 22 | 19 | 20 | 24 | 24 | 22 | 22 |
| Don't know/Refused | 4 | 6 | 5 | 4 | 4 | 3 | 4 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1001 | 1134 | 804 | 801 | 1006 |

[2013, 2015] Q14F1. How sure are you that, if nothing is done to stop it, the world's temperature probably (Q14F = 1 will/Q14F = 2 will not) go up over the next 100 years, extremely sure, very sure, somewhat sure, or not sure at all?

[2012] Q14F1. How sure are you that, if nothing is done to stop it, the world's temperature probably (Q14F = 1 will/Q14F = 2 will not) go up [IF SUBSAMPLE_A slowly] over the next 100 years, extremely sure, very sure, somewhat sure, or not sure at all?

[1997, 1998, 2010] Q14F1. How sure are you that, if nothing is done to stop it, the world's temperature probably (Q14F = 1 will/Q14F = 2 will not) go up slowly over the next 100 years, extremely sure, very sure, somewhat sure, or not sure at all?

| Q14F1 | Oct-97 | Feb-98 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|----------|----------|----------|
| Extremely sure | 13 | 15 | 23 | 25 | 23 | 20 |
| Very sure | 29 | 27 | 29 | 27 | 28 | 33 |
| Somewhat sure | 40 | 40 | 37 | 36 | 37 | 36 |
| Not sure at all | 17 | 18 | 11 | 11 | 13 | 11 |
| Don't know/Refused | * | * | * | * | * | * |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 663 | 684 | 940 | 762 | 779 | 953 |

| Q14F1 "PROBABLY WILL GO UP" | Oct-97 | Feb-98 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|-----------------------------|--------|--------|--------|----------|----------|----------|
| Extremely sure | 15 | 18 | 25 | 28 | 24 | 23 |
| Very sure | 30 | 30 | 29 | 28 | 30 | 36 |
| Somewhat sure | 39 | 40 | 37 | 35 | 35 | 31 |
| Not sure at all | 16 | 12 | 9 | 9 | 11 | 9 |
| Don't know/Refused | * | * | * | * | * | * |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 505 | 537 | 723 | 571 | 590 | 727 |

| Q14F1 "PROBABLY WILL NOT GO UP" | Oct-97 | Feb-98 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|---------------------------------|--------|--------|--------|----------|----------|----------|
| Extremely sure | 8 | 6 | 15 | 19 | 17 | 10 |
| Very sure | 28 | 13 | 29 | 23 | 20 | 23 |
| Somewhat sure | 42 | 41 | 34 | 38 | 41 | 50 |
| Not sure at all | 22 | 39 | 22 | 19 | 21 | 16 |
| Don't know/Refused | * | 1 | 1 | 1 | * | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 158 | 147 | 217 | 191 | 189 | 226 |

[2012, 2013, 2015] Q14E. If the world's average temperature is about five degrees Fahrenheit higher 75 years from now than it is now, overall, would you say that would be good, bad, or neither good nor bad?

Q14Ez. Do you lean toward thinking it would be good, lean toward thinking it would be bad, or don't you lean either way?

Q14EX. Would you say it would be very good or somewhat good?

Q14EY. Would you say it would be very bad or somewhat bad?

[1997-8, 2006-2010]. Scientists use the term "global warming" to refer to the idea that the world's average temperature may be about five degrees Fahrenheit higher in 75 years than it is now. Overall, would you say that if the world's average temperature is five degrees Fahrenheit higher in 75 years than it is now, would that be good, bad, or neither good nor bad? For "neither good nor bad": Do you lean toward thinking it would be good, lean toward thinking it would be bad, or don't you lean either way?

| Q14E | Oct-97 | Feb-98 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | 12/3/2013 | Jan-2015 |
|----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-----------|----------|
| Good | 11 | 9 | 6 | 6 | 7 | 4 | 5 | 8 | 6 | 8 |
| Bad | 56 | 51 | 64 | 61 | 54 | 59 | 56 | 53 | 57 | 55 |
| Neither good nor bad | 31 | 36 | 27 | 31 | 37 | 36 | 36 | 38 | 37 | 36 |
| Don't know/Refused | 2 | 4 | 3 | 2 | 2 | 1 | 3 | 2 | 1 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1002 | 1000 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

| Q14E & Q14EZ | Oct-97 | Feb-98 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
| Good/lean toward good | 15 | 12 | 8 | 6 | 8 | 5 | 9 | 9 | 8 | 9 |
| Bad/lean toward bad | 61 | 58 | 68 | 70 | 59 | 64 | 63 | 60 | 66 | 62 |
| Neither good nor bad | 22 | 27 | 21 | 21 | 30 | 29 | 25 | 29 | 25 | 27 |
| Don't know/Refused | 2 | 4 | 3 | 2 | 3 | 2 | 3 | 2 | 1 | 2 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1002 | 1000 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

| Q14E & Q14Ex & Q14EY & Q14EZ | Dec-2013 | Jan-2015 |
|------------------------------|----------|----------|
| Very Good | 1 | 1 |
| Somewhat Good | 5 | 6 |
| Lean toward good | 2 | 2 |
| Very bad | 31 | 34 |
| Somewhat bad | 25 | 21 |
| Lean toward bad | 9 | 7 |
| Neither good nor bad | 25 | 27 |
| Don't know/refused | 1 | 2 |
| Total | 100 | 100 |
| N | 801 | 1006 |

[2015] Q15. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE UNITED STATES – very serious, somewhat serious, not so serious, or not serious at all?

[2012, 2013] Q15A. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE UNITED STATES – very serious, somewhat serious, not so serious, or not serious at all?

Q15B. Assuming it's happening, if nothing is done to reduce global warming in the future, how serious of a problem do you think it would be for THE UNITED STATES – very serious, somewhat serious, not so serious, or not serious at all?

Q15C. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE UNITED STATES – very serious, somewhat serious, not so serious, or not serious at all?

[2006-2010]. [Assuming it's happening,] If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE UNITED STATES – very serious, somewhat serious, not so serious, or not serious at all?

| Q15 | Mar-06 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|--------|----------|----------|----------|
| Very serious | 49 | 42 | 46 | 42 | 40 | 52 | 44 |
| Somewhat serious | 34 | 31 | 32 | 33 | 38 | 29 | 34 |
| Not so serious | 10 | 13 | 12 | 14 | 12 | 9 | 10 |
| Not serious at all | 6 | 13 | 10 | 10 | 8 | 10 | 10 |
| Don't know/Refused | 2 | 1 | 1 | 1 | 2 | 1 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

- [2015] Q16. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE WORLD – very serious, somewhat serious, not so serious, or not serious at all?
- [2012, 2013] Q16A. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE WORLD – very serious, somewhat serious, not so serious, or not serious at all?
- Q16B. Assuming it's happening, if nothing is done to reduce global warming in the future, how serious of a problem do you think it would be for THE WORLD – very serious, somewhat serious, not so serious, or not serious at all?
- Q16C. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE WORLD – very serious, somewhat serious, not so serious, or not serious at all?
- [2006-2010]. [Assuming it's happening,] If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE WORLD – very serious, somewhat serious, not so serious, or not serious at all?

| Q16 | Mar-06 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|--------|----------|----------|----------|
| Very serious | 57 | 51 | 55 | 51 | 50 | 59 | 57 |
| Somewhat serious | 28 | 25 | 26 | 27 | 31 | 24 | 26 |
| Not so serious | 8 | 11 | 11 | 12 | 10 | 8 | 7 |
| Not serious at all | 5 | 13 | 8 | 9 | 7 | 9 | 9 |
| Don't know/Refused | 2 | * | 1 | 1 | 1 | 1 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

- Q17A. [IF Q12 = 1 "PROBABLY HAS BEEN HAPPENING", How/IF Q12 = DK OR REF OR 2 "PROBABLY HAS NOT BEEN HAPPENING", Assuming it's happening, how] much do you think global warming has hurt you personally – a great deal, a lot, a moderate amount, a little or not at all?

| Q17A | Jan-2015 |
|--------------------|----------|
| A great deal | 6 |
| A lot | 7 |
| A moderate amount | 21 |
| A little | 22 |
| Not at all | 44 |
| Don't know/Refused | * |
| Total | 100 |
| N | 1006 |

Q17A1. [IF Q12 = 1 "PROBABLY HAS BEEN HAPPENING", How/IF Q12 = DK OR REF OR 2 "PROBABLY HAS NOT BEEN HAPPENING", Assuming it's happening, how] much do you think global warming has helped you personally – a great deal, a lot, a moderate amount, a little or not at all?

| Q17A1 | Jan-2015 |
|--------------------|----------|
| A great deal | 2 |
| A lot | 2 |
| A moderate amount | 6 |
| A little | 12 |
| Not at all | 78 |
| Don't know/Refused | * |
| Total | 100 |
| N | 1006 |

Q17B. [IF Q12 = 1 "PROBABLY HAS BEEN HAPPENING", If/IF Q12 = DK OR REF OR 2 "PROBABLY HAS NOT BEEN HAPPENING", Assuming it's happening, if] nothing is done to reduce global warming in the future, how much do you think it will hurt you personally—a great deal, a lot, a moderate amount, a little or not at all?

| Q17B | Nov-09 | Jun-10 | Nov-10 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|----------|----------|
| A great deal | 19 | 18 | 17 | 18 | 18 |
| A lot | 15 | 17 | 14 | 14 | 16 |
| A moderate amount | 26 | 27 | 24 | 30 | 20 |
| A little | 15 | 17 | 20 | 17 | 17 |
| Not at all | 24 | 20 | 25 | 21 | 28 |
| Don't know/Refused | * | 1 | 1 | 1 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 |
| N | 1005 | 1000 | 1001 | 801 | 1006 |

Q17B1. [IF Q12 = 1 "PROBABLY HAS BEEN HAPPENING", If/IF Q12 = DK OR REF OR 2 "PROBABLY HAS NOT BEEN HAPPENING", Assuming it's happening, if] nothing is done to reduce global warming in the future, how much do you think it will help you personally—a great deal, a lot, a moderate amount, a little or not at all?

| 17B1 | Jan-2015 |
|--------------------|----------|
| A great deal | 3 |
| A lot | 3 |
| A moderate amount | 9 |
| A little | 12 |
| Not at all | 72 |
| Don't know/Refused | 1 |
| Total | 100 |
| N | 1006 |

Q18A. [IF Q12 = 1 "PROBABLY HAS BEEN HAPPENING", If/IF Q12 = DK OR REF OR 2 "PROBABLY HAS NOT BEEN HAPPENING", Assuming it's happening, if] nothing is done to reduce global warming in the future, how much do you think it will hurt future generations—a great deal, a lot, a moderate amount, a little, or not at all?

| Q18A | Nov-09 | Jun-10 | Nov-10 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|----------|----------|
| A great deal | 42 | 43 | 38 | 48 | 43 |
| A lot | 21 | 21 | 21 | 19 | 16 |
| A moderate amount | 13 | 16 | 16 | 13 | 15 |
| A little | 8 | 11 | 11 | 9 | 11 |
| Not at all | 15 | 9 | 12 | 10 | 14 |
| Don't know/Refused | 1 | * | 1 | 1 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 |
| N | 1005 | 1000 | 1001 | 801 | 1006 |

Q18A1. [IF Q12 = 1 "PROBABLY HAS BEEN HAPPENING", If/IF Q12 = DK OR REF OR 2 "PROBABLY HAS NOT BEEN HAPPENING", Assuming it's happening, if] nothing is done to reduce global warming in the future, how much do you think it will help future generations—a great deal, a lot, a moderate amount, a little, or not at all?

| 18A1 | Jan-2015 |
|--------------------|----------|
| A great deal | 5 |
| A lot | 4 |
| A moderate amount | 9 |
| A little | 11 |
| Not at all | 69 |
| Don't know/Refused | 2 |
| Total | 100 |
| N | 1006 |

Q19x Do you think global warming is an environmental problem that is causing a serious impact now, or do you think the impact of global warming won't happen until sometime in the future, or do you think global warming won't have a serious impact at all?

| | Impact now | In the future | No serious impact | Doesn't exist | DK/NA |
|-----------------------------|------------|---------------|-------------------|---------------|-------|
| 6/14-18/01 ¹ | 35 | 41 | 17 | | 7 |
| 4/20-24/07 | 49 | 36 | 11 | 1 | 4 |
| 12/5-9/07 | 55 | 27 | 13 | 2 | 5 |
| 2/2-4/09 CBS | 43 | 30 | 19 | 3 | 5 |
| 8/3-5/10 CBS | 38 | 28 | 22 | 4 | 8 |
| 10/1-6/10 CBS | 43 | 29 | 22 | 3 | 3 |
| 3/31-4/3/11 CBS | 49 | 25 | 16 | 5 | 6 |
| 2/6-10/13 ¹ CBS | 49 | 28 | 19 | | 5 |
| 3/27-30/13 ¹ CBS | 45 | 30 | 21 | | 4 |
| 5/16-19/14 ¹ CBS | 46 | 31 | 20 | | 4 |
| 9/10-14/14 | 46 | 28 | 24 | 1 | 1 |
| 1/23/15 | 39 | 40 | 20 | | 1 |

| 19X | Jan-2015 |
|---|----------|
| Causing a serious impact now | 39 |
| Won't happen until sometime in the future | 40 |
| Won't have a serious impact at all | 20 |
| Don't know/Refused | 1 |
| Total | 100 |
| N | 1006 |

Q19A. How important is the issue of global warming to you personally – extremely important, very important, somewhat important, not too important, or not at all important?

| Q19A | Oct-97 | Feb-98 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Jul-05 | Jun-2012 | Dec-2013 | Jan-2015 |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
| Extremely important | 9 | 11 | 17 | 18 | 16 | 16 | 14 | 16 | 15 | 10 | 18 | 13 |
| Very important | 22 | 21 | 32 | 34 | 30 | 25 | 32 | 29 | 27 | 28 | 27 | 29 |
| Somewhat important | 44 | 48 | 32 | 30 | 31 | 30 | 30 | 30 | 28 | 39 | 29 | 27 |
| Not too important | 19 | 14 | 10 | 8 | 13 | 13 | 12 | 16 | 15 | 13 | 12 | 16 |
| Not at all important | 6 | 6 | 8 | 9 | 9 | 16 | 12 | 9 | 14 | 10 | 14 | 15 |
| Don't know/Refused | 0 | 0 | * | * | * | 1 | * | * | 1 | * | * | * |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1002 | 1001 | 1000 | 1005 | 1000 | 1001 | 1134 | 804 | 801 | 1006 |

Q19B. How strong are your opinions on the issue of global warming – extremely strong, very strong, somewhat strong, not too strong, or not strong at all?

| Q19B | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|----------|----------|----------|
| Extremely strong | 13 | 14 | 11 | 17 | 15 |
| Very strong | 28 | 30 | 28 | 29 | 30 |
| Somewhat strong | 34 | 35 | 36 | 32 | 30 |
| Not too strong | 15 | 14 | 18 | 13 | 15 |
| Not at all strong | 9 | 7 | 7 | 9 | 10 |
| Don't know/Refused | 1 | * | 1 | * | * |
| Total | 100 | 100 | 100 | 100 | 100 |
| N | 1000 | 1001 | 804 | 801 | 1006 |

Q20. How much do you feel you know about global warming - a lot, a moderate amount, a little, or nothing?

| Q20 | Oct-97 | Feb-98 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
| A lot | 7 | 6 | 10 | 11 | 13 | 17 | 15 | 13 | 11 | 19 | 15 |
| A moderate amount | 35 | 38 | 47 | 51 | 49 | 49 | 53 | 53 | 44 | 50 | 51 |
| A little | 49 | 47 | 36 | 33 | 33 | 29 | 27 | 29 | 37 | 27 | 30 |
| Nothing | 9 | 9 | 6 | 4 | 4 | 5 | 5 | 4 | 9 | 4 | 4 |
| Don't know/Refused | 0 | 0 | * | * | * | * | * | * | * | * | * |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1002 | 1002 | 1000 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

Q21. How interested are you in getting information about global warming – extremely interested, very interested, somewhat interested, not too interested, or not at all interested?

| Q21 | Jan-2015 |
|-----------------------|----------|
| Extremely interested | 8 |
| Very interested | 18 |
| Somewhat interested | 33 |
| Not too interested | 18 |
| Not at all interested | 22 |
| Don't know/Refused | * |
| Total | 100 |
| N | 1006 |

[2012-2014, 2015] Q25. How much do you think the U.S. government should do about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

| Q25 | Jun-2012 | Dec-2013 | 6/8/2014 | Jan-2015 |
|--------------------|----------|----------|----------|----------|
| A great deal | 32 | 33 | 33 | 33 |
| A lot | 23 | 22 | 19 | 20 |
| A moderate amount | 26 | 24 | 25 | 20 |
| A little | 8 | 11 | 10 | 13 |
| Nothing | 10 | 10 | 11 | 12 |
| Don't know/Refused | 1 | * | 2 | 1 |
| Total | 100 | 100 | 100 | 100 |
| N | 804 | 801 | 1023 | 469 |

[2015] Q25A. How much do you think the U.S. government should do about global warming - a great deal, quite a bit, some, a little, or nothing?

[2009-2010] Q25. How much do you think the U.S. government should do about global warming? A great deal, quite a bit, some, a little, or nothing?

[1997-8] Now, I'd like to ask you who you feel is responsible for doing something to deal with global warming. There are a number of possible groups of people who could do something, including the U.S. government, governments in other countries around the world, businesses, and average people. I'm going to ask you questions about how much each of these groups should do about global warming. First, how much do you think the U.S. government should do about global warming? A great deal, quite a bit, some, a little, or nothing?

| Q25A | Oct-97 | Feb-98 | Nov-09 | Jun-10 | Nov-10 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|----------|
| A great deal | 41 | 38 | 31 | 34 | 41 | 35 |
| Quite a bit | 18 | 19 | 21 | 22 | 18 | 22 |
| Some | 18 | 20 | 23 | 22 | 21 | 18 |
| A little | 4 | 4 | 10 | 11 | 11 | 11 |
| Nothing | 1 | 3 | 15 | 11 | 9 | 14 |
| Don't know/Refused | 1 | 1 | * | * | * | * |
| Not asked | 17 | 16 | 0 | 0 | 0 | 0 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1005 | 1000 | 1001 | 537 |

Note 1: In 1997 and 1998, respondents who answered "probably has not been happening" to Q12 and answered "will not go up" to Q14F were not asked of this question.

[2012, 2013, 2015] Q29. How much do you think the U.S. government is doing now to deal with global warming - a great deal, a lot, a moderate amount, a little, or nothing?

| Q29 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|----------|
| A great deal | 7 | 4 | 5 |
| A lot | 11 | 6 | 10 |
| A moderate amount | 44 | 31 | 30 |
| A little | 29 | 45 | 39 |
| Nothing | 8 | 12 | 12 |
| Don't know/Refused | 1 | 1 | 4 |
| Total | 100 | 100 | 100 |
| N | 804 | 801 | 469 |

[1997-8, 2009-2010, 2015] Q29A. How much do you think the U.S. government is doing now to deal with global warming - a great deal, quite a bit, some, a little, or nothing?

| Q29A | Oct-97 | Feb-98 | Nov-09 | Jun-10 | Nov-10 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|----------|
| A great deal | 4 | 3 | 9 | 7 | 6 | 9 |
| Quite a bit | 7 | 9 | 12 | 13 | 10 | 12 |
| Some | 45 | 44 | 41 | 45 | 48 | 37 |
| A little | 31 | 33 | 27 | 25 | 26 | 28 |
| Nothing | 10 | 8 | 9 | 9 | 8 | 12 |
| Don't know/Refused | 3 | 3 | 2 | 1 | 2 | 3 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1005 | 1000 | 1001 | 537 |

[2015] Q25. How much do you think the U.S. government should do about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

Q25A. How much do you think the U.S. government should do about global warming - a great deal, quite a bit, some, a little, or nothing?

[2012-2014] Q25. How much do you think the U.S. government should do about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

[2009-2010] Q25. How much do you think the U.S. government should do about global warming? A great deal, quite a bit, some, a little, or nothing?

[1997-8] Now, I'd like to ask you who you feel is responsible for doing something to deal with global warming. There are a number of possible groups of people who could do something, including the U.S. government, governments in other countries around the world, businesses, and average people. I'm going to ask you questions about how much each of these groups should do about global warming. First, how much do you think the U.S. government should do about global warming? A great deal, quite a bit, some, a little, or nothing?

[2015] Q29. How much do you think the U.S. government is doing now to deal with global warming - a great deal, a lot, a moderate amount, a little, or nothing?

[2015] Q29A. How much do you think the U.S. government is doing now to deal with global warming - a great deal, quite a bit, some, a little, or nothing?

[2012-2013] How much do you think the U.S. government is doing now to deal with global warming - a great deal, a lot, a moderate amount, a little, or nothing?

[1997-8, 2009-2010] How much do you think the U.S. government is doing now to deal with global warming? A great deal, quite a bit, some, a little, or nothing?

| Q25/Q29 | Oct-97 | Feb-98 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
| government should do more | 67 | 62 | 68 | 69 | 61 | 56 | 59 | 62 | 61 | 66 | 61 |
| government should do the same | 11 | 13 | 25 | 21 | 27 | 19 | 22 | 18 | 20 | 20 | 15 |
| government should do less | 3 | 6 | 5 | 7 | 10 | 22 | 17 | 18 | 17 | 12 | 19 |
| Don't know/Refused | 19 | 18 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 4 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1002 | 1002 | 1000 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

Note 1: In 1997 and 1998, respondents who answered "probably has not been happening" to Q12 and answered "will not go up" to Q14F were not asked of this question.

[2012-2013, 2015] Q27. How much do you think the U.S. businesses should do about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

| Q27 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|----------|
| A great deal | 39 | 40 | 38 |
| A lot | 22 | 23 | 23 |
| A moderate amount | 23 | 20 | 18 |
| A little | 8 | 10 | 11 |
| Nothing | 8 | 7 | 10 |
| Don't know/Refused | * | * | 1 |
| Total | 100 | 100 | 100 |
| N | 804 | 801 | 469 |

[2015] Q27A. How much do you think the U.S. businesses should do about global warming - a great deal, quite a bit, some, a little, or nothing?
 [1997-8, 2009-2010] Q27. How much do you think the U.S. businesses should do about global warming? A great deal, quite a bit, some, a little, or nothing?

| Q27A | Oct-97 | Feb-98 | Nov-09 | Jun-10 | Nov-10 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|----------|
| A great deal | 38 | 36 | 35 | 35 | 38 | 39 |
| Quite a bit | 21 | 23 | 16 | 22 | 20 | 26 |
| Some | 19 | 17 | 25 | 22 | 22 | 16 |
| A little | 4 | 4 | 11 | 11 | 10 | 8 |
| Nothing | 1 | 3 | 13 | 9 | 8 | 9 |
| Don't know/Refused | 1 | 1 | 1 | * | 1 | 1 |
| Not asked | 17 | 16 | 0 | 0 | 0 | 0 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1005 | 1000 | 1001 | 537 |

Note 1: In 1997 and 1998, respondents who answered "probably has not been happening" to Q12 and answered "will not go up" to Q14F were not asked of this question.

[1997-8, 2009-2010, 2015] Q31. How much do you think the U.S. businesses are doing about global warming? A great deal, quite a bit, some, a little, or nothing?

| Q31 | Oct-97 | Feb-98 | Nov-09 | Jun-10 | Nov-10 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|----------|
| A great deal | 3 | 2 | 6 | 5 | 4 | 2 |
| Quite a bit | 4 | 6 | 7 | 11 | 7 | 5 |
| Some | 34 | 33 | 38 | 35 | 39 | 24 |
| A little | 43 | 42 | 34 | 35 | 35 | 48 |
| Nothing | 15 | 15 | 13 | 13 | 12 | 18 |
| Don't know/Refused | 2 | 2 | 2 | * | 3 | 2 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1005 | 1000 | 1001 | 469 |

[2012, 2013, 2015] Q31A. How much do you think the U.S. businesses are doing about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

| 31A | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|----------|
| A great deal | 3 | 3 | 3 |
| A lot | 10 | 4 | 10 |
| A moderate amount | 34 | 28 | 31 |
| A little | 40 | 51 | 39 |
| Nothing | 13 | 13 | 15 |
| Don't know/Refused | 1 | 1 | 2 |
| Total | 100 | 100 | 100 |
| N | 804 | 801 | 537 |

[2015] Q27. How much do you think the U.S. businesses should do about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

Q27A. How much do you think the U.S. businesses should do about global warming - a great deal, quite a bit, some, a little, or nothing?

[2012-2013] Q27. How much do you think the U.S. businesses should do about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

[1997-8, 2009-2010] Q27. How much do you think the U.S. businesses should do about global warming? A great deal, quite a bit, some, a little, or nothing?

[2015] Q31. How much do you think the U.S. businesses are doing about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

Q31A. How much do you think the U.S. businesses are doing about global warming - a great deal, quite a bit, some, a little, or nothing?

[2012-2013] How much do you think the U.S. businesses are doing about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

[1997-8, 2009-2010] How much do you think the U.S. businesses are doing about global warming? A great deal, quite a bit, some, a little, or nothing?

| Q27/Q31 | Oct-97 | Feb-98 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|------------------------------------|--------|--------|--------|--------|--------|----------|----------|----------|
| U.S. businesses should do more | 70 | 68 | 58 | 64 | 63 | 71 | 72 | 71 |
| U.S. businesses should do the same | 9 | 12 | 24 | 21 | 18 | 16 | 19 | 14 |
| U.S. businesses should do less | 2 | 3 | 16 | 14 | 14 | 12 | 9 | 12 |
| Don't know/Refused | 19 | 17 | 2 | 1 | 4 | 1 | 1 | 3 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

Note 1: In 1997 and 1998, respondents who answered "probably has not been happening" to Q12 and answered "will not go up" to Q14F were not asked of this question.

[2013, 2015] Q28. How much do you think average people should do about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

| Q28 | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|
| A great deal | 32 | 28 |
| A lot | 26 | 20 |
| A moderate amount | 22 | 29 |
| A little | 10 | 11 |
| Nothing | 10 | 12 |
| Don't know/Refused | * | * |
| Total | 100 | 100 |
| N | 801 | 469 |

[2015] Q28A. How much do you think average people should do about global warming - a great deal, quite a bit, some, a little, or nothing?

[1997-8, 2009-2010] How much do you think average people should do about global warming? A great deal, quite a bit, some, a little, or nothing?

| Q28A | Oct-97 | Feb-98 | Nov-09 | Jun-10 | Nov-10 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|----------|----------|
| A great deal | 24 | 24 | 29 | 29 | 34 | 32 | 29 |
| Quite a bit | 19 | 19 | 20 | 21 | 21 | 26 | 25 |
| Some | 28 | 28 | 26 | 29 | 24 | 22 | 23 |
| A little | 8 | 8 | 10 | 9 | 12 | 10 | 10 |
| Nothing | 3 | 3 | 15 | 11 | 8 | 10 | 12 |
| Don't know/Refused | 0 | 2 | 1 | 1 | 1 | * | * |
| Not asked | 17 | 16 | | | | | |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1005 | 1000 | 1001 | 801 | 537 |

Note 1: In 1997 and 1998, respondents who answered "probably has not been happening" to Q12 and answered "will not go up" to Q14F were not asked of this question.

[1997-8, 2009-2010, 2015] Q32. How much do you think average people are doing now to deal with global warming? A great deal, quite a bit, some, a little, or nothing?

| Q32 | Oct-97 | Feb-98 | Nov-09 | Jun-10 | Nov-10 | Jan-2015 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|----------|----------|
| A great deal | 1 | 1 | 4 | 4 | 3 | 2 | 2 |
| Quite a bit | 4 | 4 | 6 | 8 | 7 | 2 | 2 |
| Some | 24 | 21 | 33 | 33 | 35 | 18 | 18 |
| A little | 43 | 46 | 39 | 42 | 41 | 52 | 52 |
| Nothing | 28 | 27 | 17 | 13 | 12 | 26 | 26 |
| Don't know/Refused | 0 | 2 | 1 | * | 1 | * | * |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1005 | 1000 | 1001 | 469 | 469 |

[2013, 2015] Q32. How much do you think average people are doing now to deal with global warming? A great deal, a lot, a moderate amount, a little, or nothing?

| 32A | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|
| A great deal | 2 | 3 |
| A lot | 3 | 6 |
| A moderate amount | 23 | 30 |
| A little | 53 | 41 |
| Nothing | 19 | 19 |
| Don't know/Refused | * | 1 |
| Total | 100 | 100 |
| N | 801 | 537 |

[2015] Q28. How much do you think average people should do about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

Q28A. How much do you think average people should do about global warming - a great deal, quite a bit, some, a little, or nothing?

[2013] Q27. How much do you think average people should do about global warming - a great deal, a lot, a moderate amount, a little, or nothing?

[1997-8, 2009-2010] How much do you think average people should do about global warming? A great deal, quite a bit, some, a little, or nothing?

[2015] Q32. How much do you think average people are doing now to deal with global warming? A great deal, a lot, a moderate amount, a little, or nothing?

Q32A. How much do you think average people are doing now to deal with global warming? A great deal, quite a bit, some, a little, or nothing?

[2013] Q32. How much do you think average people are doing now to deal with global warming? A great deal, a lot, a moderate amount, a little, or nothing?

Q32A. How much do you think average people are doing now to deal with global warming? A great deal, quite a bit, some, a little, or nothing?

[1997-8, 2009-2010] How much do you think average people are doing about global warming? A great deal, quite a bit, some, a little, or nothing?

| Q28/Q32 | Oct-97 | Feb-98 | Nov-09 | Jun-10 | Nov-10 | Dec-2013 | Jan-2015 |
|-----------------------------------|--------|--------|--------|--------|--------|----------|----------|
| Average people should do more | 67 | 65 | 62 | 63 | 65 | 74 | 67 |
| Average people should do the same | 12 | 15 | 24 | 25 | 23 | 17 | 23 |
| Average people should do less | 3 | 2 | 13 | 11 | 11 | 8 | 9 |
| Don't know/Refused | 18 | 18 | 1 | 1 | 2 | * | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1005 | 1000 | 1001 | 801 | 1006 |

Note 1: In 1997 and 1998, respondents who answered "probably has not been happening" to Q12 and answered "will not go up" to Q14F were not asked of this question.

Q32D. Do you think President Obama did more about global warming during the past year than during the two years before that, did less, or did about the same amount?

| Q32D | Jan-2015 |
|--------------------|----------|
| Did more | 16 |
| Did less | 14 |
| Did about the same | 60 |
| Don't know/Refused | 10 |
| Total | 100 |
| N | 1006 |

Q32E. Do you think the United States Congress did more about global warming during the past year than during the two years before that, did less, or did about the same amount?

| Q32E | Jan-2015 |
|--------------------|----------|
| Did more | 6 |
| Did less | 25 |
| Did about the same | 61 |
| Don't know/Refused | 8 |
| Total | 100 |
| N | 1006 |

Q39A. How important do you think the issue of global warming should be personally to President Obama– extremely important, very important, moderately important, slightly important, or not important at all?

| Q39A | Jan-2015 |
|----------------------|----------|
| Extremely important | 21 |
| Very important | 31 |
| Moderately important | 23 |
| Slightly important | 14 |
| Not important at all | 10 |
| Don't know/Refused | 0 |
| Total | 100 |
| N | 1006 |

Q39B. How important do you think the issue of global warming is personally to President Obama – extremely important, very important, moderately important, slightly important, or not important at all?

| Q39B | Jan-2015 |
|----------------------|----------|
| Extremely important | 12 |
| Very important | 24 |
| Moderately important | 30 |
| Slightly important | 19 |
| Not important at all | 12 |
| Don't know/Refused | 4 |
| Total | 100 |
| N | 1006 |

Q39A. How important do you think the issue of global warming should be personally to President Obama– extremely important, very important, moderately important, slightly important, or not important at all?

Q39B. How important do you think the issue of global warming is personally to President Obama – extremely important, very important, moderately important, slightly important, or not important at all?

| Q39A/B | Jan-2015 |
|--|----------|
| Want President Obama to increase personal importance | 43 |
| Want President Obama' personal importance to stay the same | 35 |
| Want President Obama to decrease personal importance | 18 |
| Don't know/Refused | 4 |
| Total | 100 |
| N | 1006 |

Q39C. How important do you think the issue of global warming should be personally to the Democrats in the United States Congress – extremely important, very important, moderately important, slightly important, or not important at all?

| Q39C | Jan-2015 |
|----------------------|----------|
| Extremely important | 24 |
| Very important | 28 |
| Moderately important | 24 |
| Slightly important | 15 |
| Not important at all | 8 |
| Don't know/Refused | 1 |
| Total | 100 |
| N | 1006 |

Q39D. How important do you think the issue of global warming is personally to the Democrats in the United States Congress– extremely important, very important, moderately important, slightly important, or not important at all?

| Q39D | Jan-2015 |
|----------------------|----------|
| Extremely important | 8 |
| Very important | 17 |
| Moderately important | 37 |
| Slightly important | 23 |
| Not important at all | 12 |
| Don't know/Refused | 3 |
| Total | 100 |
| N | 1006 |

Q39C. How important do you think the issue of global warming should be personally to the Democrats in the United States Congress – extremely important, very important, moderately important, slightly important, or not important at all?

Q39D. How important do you think the issue of global warming is personally to the Democrats in the United States Congress– extremely important, very important, moderately important, slightly important, or not important at all?

| Q39C/D | Jan-2015 |
|---|----------|
| Want Democrats in the U.S. Congress to increase personal importance | 46 |
| Want Democrats' personal importance to stay the same | 36 |
| Want Democrats in the U.S. Congress to decrease personal importance | 14 |
| Don't know/Refused | 4 |
| Total | 100 |
| N | 1006 |

Q39E. How important do you think the issue of global warming should be personally to the Republicans in the United States Congress– extremely important, very important, moderately important, slightly important, or not important at all?

| Q39E | Jan-2015 |
|----------------------|----------|
| Extremely important | 22 |
| Very important | 30 |
| Moderately important | 24 |
| Slightly important | 13 |
| Not important at all | 10 |
| Don't know/Refused | 1 |
| Total | 100 |
| N | 1006 |

Q39F. How important do you think the issue of global warming is personally to the Republicans in the United States Congress– extremely important, very important, moderately important, slightly important, or not important at all?

| Q39F | Jan-2015 |
|----------------------|----------|
| Extremely important | 3 |
| Very important | 8 |
| Moderately important | 25 |
| Slightly important | 33 |
| Not important at all | 28 |
| Don't know/Refused | 3 |
| Total | 100 |
| N | 1006 |

Q39E. How important do you think the issue of global warming should be personally to the Republicans in the United States Congress– extremely important, very important, moderately important, slightly important, or not important at all?

Q39F. How important do you think the issue of global warming is personally to the Republicans in the United States Congress– extremely important, very important, moderately important, slightly important, or not important at all?

| Q39E/F | Jan-2015 |
|---|----------|
| Want Republicans in the U.S. Congress to increase personal importance | 56 |
| Want Republicans personal importance to stay the same | 33 |
| Want Republicans in the U.S. Congress to decrease personal importance | 7 |
| Don't know/Refused | 4 |
| Total | 100 |
| N | 1006 |

[Nov-2010, 2012, 2013, 2015] Q33. As you may have heard, greenhouse gases are thought to cause global warming. In your opinion do you think the government should or should not limit the amount of greenhouse gasses that U.S. businesses put out?

[Nov. 2010, Jun. 2010]

[Jun-2010] Q33A. Some people believe that the United States government should limit the amount of air pollution that U.S. businesses can produce. Other people believe that the government should not limit air pollution from U.S. businesses. What about you? Do you think the government should or should not limit air pollution from U.S. businesses?

Q33B. Some people believe that the United States government should limit the amount of greenhouse gasses thought to cause global warming that U.S. businesses can produce. Other people believe that the government should not limit the amount of greenhouse gasses that U.S. businesses put out. What about you? Do you think the government should or should not limit the amount of greenhouse gasses that U.S. businesses put out?

[2009] Some people believe that the United States government should limit the amount of air pollution that U.S. businesses can produce. Other people believe that the government should not limit air pollution from U.S. businesses. What about you? Do you think the government should or should not limit air pollution from U.S. businesses?

[1997-8] Some people believe that the United States government should limit the amount of air pollution that U.S. businesses can produce. Other people believe that the government should not limit air pollution from U.S. businesses. What about you? Do you think the government should or should not limit air pollution from U.S. businesses?

| Q33 | Oct-97 | Feb-98 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|-----------------------------|--------|--------|--------|--------|--------|----------|----------|----------|
| Government should limit | 88 | 91 | 83 | 81 | 80 | 77 | 81 | 78 |
| Government should not limit | 11 | 8 | 16 | 16 | 17 | 20 | 18 | 19 |
| Don't know/Refused | 2 | 1 | 1 | 3 | 3 | 3 | 1 | 3 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

Q36B .Do you think that the United States doing things to reduce global warming in the future would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36C: Do you think that the United States doing things to reduce global warming in the future would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

| Q36B/Q36C | Nov-09 | Jun-10 | Nov-10 | Dec-13 | 6/8/2014 | Jan-2015 |
|-----------------------|--------|--------|--------|--------|----------|----------|
| Hurt the U.S. economy | 27 | 20 | 23 | 30 | 27 | 30 |
| Help the U.S. economy | 46 | 56 | 53 | 44 | 46 | 42 |
| Would not affect | 24 | 23 | 22 | 23 | 23 | 24 |
| Don't know/Refused | 3 | 2 | 3 | 3 | 4 | 3 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1005 | 1000 | 1001 | 801 | 1023 | 1006 |

Q38A. There's a proposed system called "cap and trade." The government would give permits to companies limiting the amount of greenhouse gases they can put out. Companies that do not use all their permits could sell them to other companies. Companies that need more permits can buy them, or these companies can pay money to reduce the amount of greenhouse gases that other people or organizations put out. Economists say that this system is likely to cause companies to figure out the cheapest way to reduce greenhouse gas emissions. Would you favor or oppose this cap and trade system?

| Q38A | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|
| Favor | 48 | 52 |
| Oppose | 49 | 42 |
| Don't know/Refused | 4 | 6 |
| Total | 100 | 100 |
| N | 271 | 497 |

Q38B. There's a proposed system called "cap and trade." The government would sell permits to companies limiting the amount of greenhouse gases they can put out. Companies that do not use all their permits could sell them to other companies. Companies that need more permits can buy them, or these companies can pay money to reduce the amount of greenhouse gases that other people or organizations put out. Economists say that this system is likely to cause companies to figure out the cheapest way to reduce greenhouse gas emissions. The money the government makes from selling the permits would be returned to all Americans equally by reducing the amount of income taxes they pay. Would you favor or oppose this cap and trade system?

| Q38B | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|
| Favor | 65 | 62 |
| Oppose | 33 | 34 |
| Don't know/Refused | 2 | 4 |
| Total | 100 | 100 |
| N | 258 | 509 |

Q45. Do you think the United States should take action on global warming only if other major industrial countries such as China and India agree to do equally effective things, that the United States should take action even if these other countries do less, or that the United States should not take action on this at all?

| Q45 | Jul-08 | Jun-10 | Nov-10 | Jun-12 | Dec-2013 | Jan-2015 |
|---|--------|--------|--------|--------|----------|----------|
| Only if other countries do | 18 | 14 | 13 | 14 | 15 | 12 |
| Take action even if other countries do less | 67 | 68 | 71 | 65 | 75 | 75 |
| Not take action at all | 13 | 18 | 15 | 19 | 9 | 12 |
| Don't know/Refused | 2 | 1 | 2 | 1 | 1 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1000 | 1000 | 1001 | 804 | 801 | 1006 |

Q82. Do you think you have seen any effects of global warming happening already, either in person or through television, radio, newspapers, magazines, or the Internet, or you think you haven't seen any effects of global warming in any of these ways?

| Q82 | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|
| Have seen | 71 | 68 |
| Have not seen | 28 | 30 |
| Don't know/Refused | 1 | 1 |
| Total | 100 | 100 |
| N | 801 | 1006 |

- [2015] Q46/47A. [IF Q12=DK OR RF OR 2 "PROBABALY HAS NOT BEEN HAPPENING", Assuming it's happening] Do you think global warming has caused there to be more droughts, has caused there to be fewer droughts, or has global warming not affected the number of droughts?
- [2013] Q46/47A. [IF Q12=DK OR RF OR 2 "PROBABALY HAS NOT BEEN HAPPENING", Assuming it's happening] Do you think global warming has caused there to be more droughts, has caused there to be fewer droughts, or has global warming not affected the number of droughts?
[IF Q12=DK OR RF OR 2 "PROBABALY HAS NOT BEEN HAPPENING OR Q12A=DK OR RF OR 2 "PROBABLY HAS NOT BEEN HAPPENING, Assuming it's happening] Do you think global warming has caused there to be more droughts, has caused there to be fewer droughts, or has global warming not affected the number of droughts?
- [2012] [IF Q12=DK OR RF OR 2 "PROBABALY HAS NOT BEEN HAPPENING OR Q12A=DK OR RF OR 2 "PROBABLY HAS NOT BEEN HAPPENING, Assuming it's happening] Do you think global warming is causing there to be more droughts, is causing there to be fewer droughts, or is global warming not affecting the number of droughts?

| Q46A | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|----------|
| More droughts | 57 | 60 | 54 |
| Fewer droughts | 5 | 6 | 3 |
| Not affected | 35 | 31 | 36 |
| Don't know/Refused | 3 | 2 | 7 |
| Total | 100 | 100 | 100 |
| N | 804 | 375 | 1006 |

[2015] Q46/47B. [IF Q12=DK OR RF OR 2 "PROBABALY HAS NOT BEEN HAPPENING", Assuming it's happening] Do you think global warming has caused there to be more storms, has caused there to be fewer storms, or has global warming not affected the number of storms?

[2013] Q46/47B. [IF Q12=DK OR RF OR 2 "PROBABALY HAS NOT BEEN HAPPENING", Assuming it's happening] Do you think global warming has caused there to be more storms, has caused there to be fewer storms, or has global warming not affected the number of storms?

[IF Q12=DK OR RF OR 2 "PROBABALY HAS NOT BEEN HAPPENING OR Q12A=DK OR RF OR 2 "PROBABLY HAS NOT BEEN HAPPENING, Assuming it's happening,] Do you think global warming has caused there to be more storms, has caused there to be fewer storms, or has global warming not affected the number of storms?

[2012] [IF Q12=DK OR RF OR 2 "PROBABALY HAS NOT BEEN HAPPENING OR Q12A=DK OR RF OR 2 "PROBABLY HAS NOT BEEN HAPPENING, Assuming it's happening,] Do you think global warming is causing there to be more storms, is causing there to be fewer storms, or is global warming not affecting the number of storms?

| Q46B | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|----------|
| More storms | 55 | 62 | 55 |
| Fewer storms | 8 | 5 | 7 |
| Not affected | 33 | 30 | 33 |
| Don't know/Refused | 3 | 3 | 6 |
| Total | 100 | 100 | 100 |
| N | 804 | 426 | 1006 |

Q48. Do you think it is necessary to take steps to counter the effects of global warming right away, or isn't it necessary to take steps yet?

| Q48 | 6/18/2001 | 8/21/2006 | 4/24/2007 | Jan-2015 |
|---------------------------------|-----------|-----------|-----------|----------|
| Take steps right away | 72 | 76 | 78 | 76 |
| Not necessary to take steps yet | 19 | 19 | 19 | 23 |
| No steps (VOL) | 3 | 1 | 1 | * |
| Don't know/Refused | 6 | 4 | 2 | 1 |
| Total | 100 | 100 | 100 | 100 |
| N | 1050 | 1206 | 1052 | 1006 |

Q85. How hard do you think it will be for people to adjust to the changes that global warming may bring about during the next 100 years?
Extremely hard, very hard, moderately hard, slightly hard, or not hard at all?

| Q85 | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|
| Extremely hard | 19 | 17 |
| Very hard | 24 | 23 |
| Moderately hard | 28 | 30 |
| Slightly hard | 16 | 16 |
| Not hard at all | 13 | 13 |
| Don't know/Refused | 1 | 1 |
| Total | 100 | 100 |
| N | 801 | 1006 |

[2015] Q35. [BEFORE THE FIRST ITEM ONLY READ THIS]: For each of the following, please tell me whether you favor or oppose it as a way for the federal government to try to reduce future global warming. Each of these changes would increase the amount of money that you pay for things you buy.

[2012] Q35. [BEFORE THE FIRST ITEM ONLY READ THIS]: For each of the following, please tell me whether you favor or oppose it as a way for the federal government to try to reduce future global warming. [IF ASK SUBSAMPLE2: Each of these changes would increase the amount of money that you pay for things you buy.]

[2006-2011]. For each of the following, please tell me whether you favor or oppose it as a way for the federal government [HALF SAMPLE , doing it/HALF SAMPLE, to try to reduce future global warming].

Q35a. Increasing taxes on electricity so people use less of it?

| Q35_1 | 3/14/2006 | 4/10/2007 | 11/29/2009 | 6/7/2010 | 11/14/2010 | 3/11/2012 | Jun-2012 | Jan-2015 |
|--------------------|-----------|-----------|------------|----------|------------|-----------|----------|----------|
| Favor | 19 | 20 | 21 | 22 | 24 | 18 | 25 | 25 |
| Oppose | 80 | 79 | 77 | 77 | 76 | 80 | 74 | 74 |
| Don't know/Refused | 0 | 1 | 2 | 1 | 1 | 2 | 1 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1002 | 1005 | 1000 | 1001 | 1428 | 804 | 1006 |

Q35b. Increasing taxes on gasoline so people either drive less, or buy cars that use less gas

| Q35_2 | 3/14/2006 | 4/10/2007 | 11/29/2009 | 6/7/2010 | 11/14/2010 | 3/11/2012 | Jun-2012 | Jan-2015 |
|--------------------|-----------|-----------|------------|----------|------------|-----------|----------|----------|
| Favor | 31 | 32 | 32 | 28 | 33 | 26 | 28 | 36 |
| Oppose | 68 | 67 | 67 | 71 | 67 | 73 | 71 | 63 |
| Don't know/Refused | 1 | 1 | 1 | 1 | 0 | 2 | 1 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1002 | 1005 | 1000 | 1001 | 1428 | 804 | 1006 |

Q35c. Giving companies tax breaks to build nuclear power plants

| Q35c | Nov-09 | Jun-10 | Nov-10 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|----------|----------|
| Favor | 54 | 48 | 47 | 37 | 36 |
| Oppose | 43 | 48 | 49 | 62 | 61 |
| Don't know/Refused | 3 | 4 | 4 | 1 | 3 |
| Total | 100 | 100 | 100 | 100 | 100 |
| N | 1003 | 1000 | 1001 | 801 | 1006 |

Q35d. Giving companies tax breaks to produce more electricity from water, wind, and solar power

| Q35d | Mar-06 | Nov-09 | Jun-10 | Nov-10 | 3/11/2012 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|--------|--------|--------|--------|-----------|----------|----------|----------|
| Favor | 87 | 88 | 84 | 86 | 73 | 77 | 75 | 80 |
| Oppose | 12 | 12 | 15 | 13 | 25 | 22 | 24 | 19 |
| Don't know/Refused | 1 | 1 | * | 1 | 2 | 1 | 1 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1005 | 1000 | 1001 | 1428 | 804 | 801 | 1006 |

Q35e. Giving tax breaks to companies that burn coal to make electricity if they use new methods to reduce the air pollution being released from their smokestacks

| Q35_5 | JUN-2012 | Jan-2015 |
|--------------------|----------|----------|
| Favor | 66 | 68 |
| Oppose | 33 | 29 |
| Don't know/Refused | 1 | 2 |
| Total | 100 | 100 |
| N | 804 | 1006 |

[2015] For the next items, please tell me for each one whether it's something the government should require by law to try to reduce future global warming, should encourage with tax breaks but not require, or stay out of entirely. Each of these changes [would/could] increase the amount of money that you pay for things you buy. ...First...Next...

[2013-2014] Q36. For the next items, please tell me for each one whether it's something the government should require by law to try to reduce future global warming, should encourage with tax breaks but not require, or stay out of entirely. [Each of these changes would increase the amount of money that you pay for things you buy.] ...First...Next...

[2012] For the next items, please tell me for each one whether it's something the government should require by law, encourage with tax breaks but not require, or stay out of entirely. [IF SUBSAMPLE2: Each of these changes would increase the amount of money that you pay for things you buy.]

[2006-2011]. For the next items, please tell me for each one whether it's something the government should require by law, encourage with tax breaks but not require, or stay out of entirely.

Q36_1: Building cars that use less gasoline?

| Q36_1 | Mar-06 | Apr-07 | Nov-09 | Jun-10 | Nov-10 | Mar-12 | Jun-2012 | Dec-2013 | 6/8/2014 | Jan-2015 |
|---------------------------|--------|--------|--------|--------|--------|--------|----------|----------|----------|----------|
| Require by law | 44 | 42 | 31 | 31 | 31 | 26 | 23 | 27 | 31 | 27 |
| Encourage with tax breaks | 40 | 44 | 47 | 49 | 48 | 39 | 49 | 45 | 38 | 46 |
| Stay out of entirely | 15 | 14 | 22 | 19 | 22 | 33 | 27 | 27 | 28 | 27 |
| Don't know/Refused | 1 | 1 | * | 1 | * | 2 | * | * | 2 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1002 | 1005 | 1000 | 1001 | 1428 | 804 | 801 | 1023 | 1006 |

Q36_2: Building cars that run completely on electricity?

| Q36_2 | Nov-09 | Jun-10 | Nov-10 | Mar-12 | Jun-12 | Dec-2013 | Jan-2015 |
|---------------------------|--------|--------|--------|--------|--------|----------|----------|
| Require by law | 11 | 12 | 11 | 9 | 8 | 9 | 9 |
| Encourage with tax breaks | 53 | 55 | 54 | 44 | 50 | 50 | 51 |
| Stay out of entirely | 34 | 32 | 34 | 45 | 41 | 40 | 39 |
| Don't know/Refused | 1 | 1 | 1 | 2 | 1 | 1 | * |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1005 | 1000 | 1001 | 1428 | 804 | 801 | 1006 |

Q36_3: Building air conditioners, refrigerators, and other appliances that use less electricity?

| Q36_3 | Mar-06 | Apr-07 | Nov-09 | Jun-10 | Nov-10 | Mar-12 | Jun-12 | Dec-2013 | Jan-2015 |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|----------|----------|
| Require by law | 41 | 36 | 30 | 29 | 30 | 24 | 21 | 26 | 24 |
| Encourage with tax breaks | 40 | 43 | 47 | 51 | 47 | 40 | 52 | 45 | 47 |
| Stay out of entirely | 17 | 19 | 23 | 20 | 22 | 33 | 27 | 28 | 28 |
| Don't know/Refused | 1 | 2 | * | * | 1 | 2 | * | * | * |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1002 | 1005 | 1000 | 1001 | 1428 | 804 | 801 | 1006 |

Q36_4: Building new homes and offices that use less energy for heating and cooling?

| Q36_4 | Mar-06 | Apr-07 | Nov-09 | Jun-10 | Nov-10 | 3/11/2012 | Jun-2012 | Dec-2013 | Jan-2015 |
|---------------------------|--------|--------|--------|--------|--------|-----------|----------|----------|----------|
| Require by law | 33 | 30 | 22 | 24 | 24 | 21 | 18 | 20 | 18 |
| Encourage with tax breaks | 50 | 51 | 57 | 56 | 54 | 46 | 56 | 54 | 54 |
| Stay out of entirely | 15 | 17 | 21 | 20 | 22 | 30 | 26 | 26 | 27 |
| Don't know/Refused | 1 | 1 | * | * | * | 2 | * | * | * |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1002 | 1005 | 1000 | 1001 | 1428 | 804 | 801 | 1006 |

Q36_5: Lowering the amount of greenhouse gases that power plants are allowed to release into the air?

| Q36_5 | Mar-06 | Apr-07 | Nov-09 | Jun-10 | Nov-10 | 3/11/2012 | Jun-2012 | Dec-2013 | 6/8/2014 | Jan-2015 |
|---------------------------|--------|--------|--------|--------|--------|-----------|----------|----------|----------|----------|
| Require by law | 61 | 62 | 42 | 42 | 44 | 42 | 41 | 54 | 49 | 50 |
| Encourage with tax breaks | 26 | 26 | 34 | 38 | 33 | 28 | 37 | 25 | 28 | 29 |
| Stay out of entirely | 11 | 10 | 22 | 19 | 20 | 27 | 21 | 21 | 20 | 19 |
| Don't know/Refused | 2 | 3 | 1 | 1 | 2 | 3 | 1 | 1 | 3 | 1 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 1002 | 1002 | 1005 | 1000 | 1001 | 1428 | 804 | 801 | 1023 | 1006 |

Q92. Do you think the federal government should or should not require companies to pay a tax to the government for every ton of greenhouse gases the companies put out?

| Q92 | Jan-2015 |
|--------------------|----------|
| Should require | 61 |
| Should not require | 35 |
| Don't know | 3 |
| Total | 100 |
| N | 497 |

Q92X. Do you think the federal government should or should not require companies to pay a tax to the government for every ton of greenhouse gases the companies put out? All this tax money would be given to all Americans equally by reducing the amount of income taxes they pay.

| Q92X | Jan-2015 |
|--------------------|----------|
| Should require | 67 |
| Should not require | 31 |
| Don't know/Refused | 2 |
| Total | 100 |
| N | 509 |

Q92A. Do you think the federal government should or should not require companies to pay a tax to the government for every ton of greenhouse gases that will be put out by coal, natural gas, and oil the companies bring into the U.S. from other countries?

| Q92A | Jan-2015 |
|--------------------|----------|
| Should require | 67 |
| Should not require | 30 |
| Don't know/Refused | 4 |
| Total | 100 |
| N | 497 |

Q92XA. Do you think the federal government should or should not require companies to pay a tax to the government for every ton of greenhouse gases that will be put out by coal, natural gas, and oil the companies bring into the U.S. from other countries? All this tax money would be given to all Americans equally by reducing the amount of income taxes they pay.

| Q92XA | Jan-2015 |
|--------------------|----------|
| Should require | 69 |
| Should not require | 29 |
| Don't know | 2 |
| Total | 100 |
| N | 509 |

Q22y.If you were to guess, how many of the scientists who study the world's climate believe that the world's temperature has been going up over the last 100 years - all, most, about half, a few, or none?

| Q22y | Jan-2015 |
|--------------------|----------|
| All | 12 |
| Most | 44 |
| About Half | 27 |
| A few | 13 |
| None | 2 |
| Don't know/Refused | 1 |
| Total | 100 |
| N | 1006 |

- [2012, 2013, 2015] Q22. If you were to guess, about what percent of the scientists who study the world's climate believe that the world's temperature has been going up over the last 100 years? You can answer with a number between zero percent and one hundred percent.
- [2012, 2013, 2015] Q22x. Did you say 50 percent because you think about half of those scientists believe that, or did you say 50 percent because you're not sure how many scientists believe that?
- [NOV 2010]. If you were to guess, about what percent of the scientists who study the world's climate think global warming is happening? You can answer with any number between zero percent and one hundred percent.
- [NOV 2010]. Did you say 50 percent because you think about half of those scientists believe that, or did you say 50 percent because you're not sure how many scientists believe that?
- [NOV 2010]. If you were to guess, about what percent of the scientists who study the world's climate believe that the world's temperature has been going up slowly over the last 100 years? You can answer with any number between zero percent and one hundred percent.
- [NOV 2010]. Did you say 50 percent because you think about half of those scientists believe that, or did you say 50 percent because you're not sure how many scientists believe that?

| Q22 | 11/14/2010 | Jun-2012 | Dec-2013 | Jan-2015 |
|-----------------------|------------|----------|----------|----------|
| 0-9% | 2 | 5 | 3 | 3 |
| 10-19% | 2 | 5 | 3 | 2 |
| 20-29% | 5 | 3 | 4 | 5 |
| 30-39% | 4 | 5 | 4 | 3 |
| 40-49% | 6 | 5 | 4 | 5 |
| 50% | 19 | 18 | 7 | 15 |
| 51-59% | 1 | 1 | 1 | 1 |
| 60-69% | 15 | 13 | 9 | 10 |
| 70-79% | 16 | 15 | 18 | 12 |
| 80-89% | 12 | 11 | 12 | 14 |
| 90-99% | 10 | 12 | 15 | 20 |
| 100% | 3 | 7 | 7 | 8 |
| Don't know or Refused | 4 | 2 | 12 | 1 |
| Total | 100 | 100 | 100 | 100 |
| N | 1001 | 804 | 801 | 1006 |

| Q22/Q22x | 11/14/2010 | Jun-2012 | Dec-2013 | Jan-2015 |
|-----------------------|------------|----------|----------|----------|
| 0-9% | 2 | 5 | 3 | 3 |
| 10-19% | 2 | 5 | 3 | 2 |
| 20-29% | 5 | 3 | 4 | 5 |
| 30-39% | 4 | 5 | 4 | 3 |
| 40-49% | 6 | 5 | 4 | 5 |
| 50% | 19 | 18 | 7 | 7 |
| 51-59% | 1 | 1 | 1 | 1 |
| 60-69% | 15 | 13 | 9 | 10 |
| 70-79% | 16 | 15 | 18 | 12 |
| 80-89% | 12 | 11 | 12 | 14 |
| 90-99% | 10 | 12 | 15 | 20 |
| 100% | 3 | 7 | 7 | 8 |
| Don't know or Refused | 4 | 2 | 12 | 9 |
| Total | 100 | 100 | 100 | 100 |
| N | 1001 | 804 | 801 | 1006 |

Q1A1. How much do you trust the things that Democrats in the U.S. Congress say about global warming - completely, a lot, a moderate amount, a little, or not at all?

| Q1A1 | Jan-2015 |
|--------------------|----------|
| Completely | 3 |
| A lot | 14 |
| A moderate amount | 30 |
| A little | 27 |
| Not at all | 24 |
| Don't know/Refused | 1 |
| Total | 100 |
| N | 1006 |

Q1B1. How much do you trust the things that Republicans in the U.S. Congress say about global warming - completely, a lot, a moderate amount, a little, or not at all?

| Q1B1 | Jan-2015 |
|--------------------|----------|
| Completely | 3 |
| A lot | 5 |
| A moderate amount | 27 |
| A little | 29 |
| Not at all | 35 |
| Don't know/Refused | 1 |
| Total | 100 |
| N | 1006 |

Q1A1. How much do you trust the things that Democrats in the U.S. Congress say about global warming - completely, a lot, a moderate amount, a little, or not at all?

Q1B1. How much do you trust the things that Republicans in the U.S. Congress say about global warming - completely, a lot, a moderate amount, a little, or not at all?

| Q1A1/Q1B1 | Jan-2015 |
|---|----------|
| Trust Democrats in the U.S. Congress more than Republicans in the U.S. Congress | 29 |
| Trust Democrats and Republicans in the U.S. Congress equally | 55 |
| Trust Republicans in the U.S. Congress more than Democrats in the U.S. Congress | 14 |
| Don't know/Refused | 2 |
| Total | 100 |
| N | 1006 |

Q81. Do you think the United States government should or should not give money to poor countries to help them reduce the damage that global warming might cause?

| Q81 | Jan-2015 |
|-----------------------|----------|
| Should give money | 41 |
| Should not give money | 57 |
| Don't know/Refused | 2 |
| Total | 100 |
| N | 1006 |

Q69. Next, I will read you a statement that could be made by someone who wants to be a United States Senator or President of the United States. Here is the statement:

"I believe that global warming has been happening for the past 100 years, mainly because we have been burning fossil fuels and putting out greenhouse gasses. Now is the time for us to be using new forms of energy that are made in America and will be renewable forever. We can manufacture better cars that use less gasoline and build better appliances that use less electricity. We need to transform the outdated ways of generating energy into new ones that create jobs and entire industries, and stop the damage we've been doing to the environment."

If a candidate says this, would this make you more likely to vote for this candidate, less likely to vote for this candidate, or would it not affect how likely you would be to vote for this candidate?

| Q69 | Jan-2015 |
|--------------------|----------|
| More likely | 66 |
| Less likely | 12 |
| Has no effect | 21 |
| Don't know/Refused | 1 |
| Total | 100 |
| N | 1006 |

| Q69 | Jan-2015 (Among Q19A="extremely important") | Jan-2015 (Among Q19A="extremely important" or "very important") |
|--------------------|--|---|
| More likely | 84 | 85 |
| Less likely | 4 | 2 |
| Has no effect | 12 | 12 |
| Don't know/Refused | * | 1 |
| Total | 100 | 100 |
| N | 158 | 425 |

| Q69 | Jan-2015 (Among Democrats) | Jan-2015 (Among Republicans) | Jan-2015 (Among Independents) | Jan-2015 (Among Tea Party Supporters) |
|--------------------|-------------------------------|---------------------------------|----------------------------------|---|
| More likely | 81 | 48 | 64 | 46 |
| Less likely | 3 | 24 | 13 | 30 |
| Has no effect | 15 | 26 | 22 | 22 |
| Don't know/Refused | 1 | 2 | 1 | 3 |
| Total | 100 | 100 | 100 | 100 |
| N | 307 | 222 | 477 | 197 |

| Q69 | Jan-2015 (Among Registered Voters) | Jan-2015 (Among 2014 Voters) | Jan-2015 (Among 2012 Voters) |
|--------------------|---------------------------------------|---------------------------------|---------------------------------|
| More likely | 65 | 63 | 65 |
| Less likely | 14 | 15 | 14 |
| Has no effect | 20 | 21 | 20 |
| Don't know/Refused | 1 | 1 | 1 |
| Total | 100 | 100 | 100 |
| N | 854 | 728 | 815 |

Q70. Next, I will read you a statement that could be made by someone who wants to be a United States Senator or President of the United States. Here is the statement:

"The science on global warming is a hoax and is an attempt to perpetrate a fraud on the American people. I don't buy into the whole man-caused global warming mantra. We must spend no effort to deal with something that is not a problem at all. We should not invest in windmills and solar panels as alternative energy sources. Instead we should continue to focus on our traditional sources of energy: coal, oil, and natural gas. We should expand energy production in our country, including continuing to mine our coal and doing more drilling for oil here at home."

If a candidate says this, would this make you more likely to vote for this candidate, less likely to vote for this candidate, or would it not affect how likely you would be to vote for this candidate?

| Q70 | Jan-2015 |
|--------------------|----------|
| More likely | 13 |
| Less likely | 67 |
| Has no effect | 19 |
| Don't know/Refused | 1 |
| Total | 100 |
| N | 1006 |

| Q70 | Jan-2015 (Among Q19A="extremely important") | Jan-2015 (Among Q19A="extremely important" or "very important") |
|--------------------|--|---|
| More likely | 4 | 4 |
| Less likely | 89 | 86 |
| Has no effect | 6 | 9 |
| Don't know/Refused | * | 1 |
| Total | 100 | 100 |
| N | 158 | 425 |

| Q70 | Jan-2015 (Among Democrats) | Jan-2015 (Among Republicans) | Jan-2015 (Among Independents) | Jan-2015 (Among Tea Party Supporters) |
|--------------------|-------------------------------|---------------------------------|----------------------------------|---|
| More likely | 8 | 24 | 10 | 33 |
| Less likely | 78 | 48 | 69 | 42 |
| Has no effect | 13 | 26 | 20 | 22 |
| Don't know/Refused | 1 | 1 | 1 | 3 |
| Total | 100 | 100 | 100 | 100 |
| N | 307 | 222 | 477 | 197 |

| Q70 | Jan-2015 (Among Registered Voters) | Jan-2015 (Among 2014 Voters) | Jan-2015 (Among 2012 Voters) |
|--------------------|---------------------------------------|---------------------------------|---------------------------------|
| More likely | 15 | 16 | 15 |
| Less likely | 67 | 65 | 67 |
| Has no effect | 18 | 18 | 17 |
| Don't know/Refused | 1 | 1 | 1 |
| Total | 100 | 100 | 100 |
| N | 854 | 728 | 815 |

Q71. Next, I will read you a statement that could be made by someone who wants to be a United States Senator or President of the United States. Here is the statement:

“When people ask me if I believe global warming has been happening, I’m not qualified to debate the science over climate change, because I am not a scientist. When people ask me if I believe human activity causes global warming, I don’t know. There is significant scientific dispute about that. We can debate this forever. I am not qualified to make this decision. But I am astute enough to understand that every proposal to deal with climate change involves hurting our economy and killing American jobs.”

If a candidate says this, would this make you more likely to vote for this candidate, less likely to vote for this candidate, or would it not affect how likely you would be to vote for this candidate?

| Q71 | Jan-2015 |
|--------------------|----------|
| More likely | 27 |
| Less likely | 44 |
| Has no effect | 27 |
| Don't know/Refused | 2 |
| Total | 100 |
| N | 1006 |

| Q71 | Jan-2015 (Among Q19A="extremely important") | Jan-2015 (Among Q19A="extremely important" or "very important") |
|--------------------|--|---|
| More likely | 19 | 18 |
| Less likely | 65 | 64 |
| Has no effect | 16 | 18 |
| Don't know/Refused | * | * |
| Total | 100 | 100 |
| N | 158 | 425 |

| Q71 | Jan-2015 (Among Democrats) | Jan-2015 (Among Republicans) | Jan-2015 (Among Independents) | Jan-2015 (Among Tea Party Supporters) |
|--------------------|-------------------------------|---------------------------------|----------------------------------|---|
| More likely | 16 | 37 | 30 | 49 |
| Less likely | 58 | 27 | 43 | 25 |
| Has no effect | 22 | 33 | 27 | 22 |
| Don't know/Refused | 3 | 3 | * | 5 |
| Total | 100 | 100 | 100 | 100 |
| N | 307 | 222 | 477 | 197 |

| Q71 | Jan-2015 (Among Registered Voters) | Jan-2015 (Among 2014 Voters) | Jan-2015 (Among 2012 Voters) |
|--------------------|---------------------------------------|---------------------------------|---------------------------------|
| More likely | 27 | 26 | 26 |
| Less likely | 45 | 47 | 47 |
| Has no effect | 26 | 26 | 26 |
| Don't know/Refused | 2 | 1 | 1 |
| Total | 100 | 100 | 100 |
| N | 854 | 728 | 815 |

[2013-2015] Q901. Generally speaking, do you usually think of yourself as: a Democrat, a Republican, an Independent, or what?
 Q901A. Generally speaking, do you usually think of yourself as: a Republican, a Democrat, an Independent, or what?

Q904. Do you lean towards the Democratic Party or Republican Party?
 Q904A. Do you lean towards the Republican Party or Democratic Party?

Q901A1. Would you call yourself a strong Democrat or not a very strong Democrat?
 Q901B1. Would you call yourself a strong Republican or not a very strong Republican?

| Q901/Q901A | Oct-97 | Feb-98 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | 6/8/2014 | Jan-2015 |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|----------|
| Democrat | 36 | 31 | 30 | 34 | 34 | 29 | 32 | 29 | 32 | 31 | 34 | 29 |
| Republican | 27 | 27 | 30 | 22 | 24 | 23 | 19 | 23 | 18 | 21 | 23 | 22 |
| Independent | 30 | 33 | 28 | 32 | 31 | 24 | 26 | 29 | 38 | 37 | 39 | 40 |
| Other | 4 | 5 | 7 | 7 | 8 | 21 | 22 | 17 | 9 | 9 | 1 | 7 |
| Don't know/Refused | 3 | 5 | 4 | 5 | 3 | 2 | 1 | 2 | 3 | 2 | 3 | 3 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1002 | 1002 | 1000 | 1005 | 1000 | 1001 | 804 | 801 | 1023 | 1006 |

Q905. Are you registered to vote at your present address, or not?

| Q905 | Jun-2012 | Dec-2013 | Jan-2015 |
|--------------------|----------|----------|----------|
| Yes | 82 | 78 | 78 |
| No | 18 | 21 | 22 |
| Don't know/Refused | * | 1 | 0 |
| Total | 100 | 100 | 100 |
| N | 720 | 801 | 1006 |

Q906. Did you vote in the 2014 elections, or did you not vote?

| Q906 | Jan-2015 |
|----------------------|----------|
| Yes | 63 |
| No | 36 |
| Could not vote (VOL) | 1 |
| Don't know/Refused | * |
| Total | 100 |
| N | 1006 |

Q906A. Did you vote in the 2012 elections, or did you not vote?

| 906A | Jan-2015 |
|----------------------|----------|
| Yes | 72 |
| No | 27 |
| Could not vote (VOL) | 1 |
| Don't know/Refused | 1 |
| Total | 100 |
| N | 1006 |

Q908A. Would you say your views on most political matters are liberal, moderate, or conservative?

Q908B. Would you say that you are very liberal or somewhat liberal?

Q908C. Would you say that you are very conservative or somewhat conservative?

| Q908A | Oct-97 | Feb-98 | Mar-06 | Apr-07 | Jul-08 | Nov-09 | Jun-10 | Nov-10 | Jun-2012 | Dec-2013 | Jan-2015 |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
| Liberal | 20 | 17 | 20 | 22 | 24 | 20 | 21 | 24 | 26 | 23 | 23 |
| Moderate | 42 | 47 | 39 | 40 | 41 | 33 | 36 | 36 | 38 | 40 | 39 |
| Conservative | 34 | 30 | 33 | 33 | 32 | 42 | 41 | 35 | 31 | 33 | 33 |
| Don't think in those terms | 1 | 2 | 5 | 3 | 1 | * | * | * | 2 | 2 | 2 |
| Don't know/Refused | 3 | 4 | 3 | 4 | 2 | 6 | 3 | 5 | 2 | 2 | 3 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| N | 688 | 725 | 1002 | 1002 | 1000 | 1005 | 1000 | 1001 | 804 | 801 | 1006 |

| Q908A/B/C | Jan-2015 |
|----------------------------|----------|
| Very liberal | 7 |
| Somewhat liberal | 16 |
| Moderate | 39 |
| Somewhat conservative | 23 |
| Very conservative | 10 |
| Don't think in these terms | 2 |
| Don't know/Refused | 3 |
| Total | 100 |
| N | 1006 |

QTEA. Do you consider yourself to be a supporter of the Tea Party movement, or not?

| QTEA | Jan-2015 |
|--------------------|----------|
| Yes | 18 |
| No | 72 |
| Don't know/Refused | 9 |
| Total | 100 |
| N | 1006 |

Appendix: Sources of the text for Q69, Q70 and Q71

A. Reference for the green statements (Q69)

Based on some question wording in Stanford University global warming surveys

B. Reference quotes for the non-green statements (Q70)

While there is no dispute over the fact that the Earth's climate has changed many times over the planet's history, **the underlying cause of these climactic shifts is ultimately not well-understood and is a matter of vigorous debate.**"

Well I think that we've got perhaps climate change going on. The question is what's causing it. Is man causing it, or, you know, **is this a cycle that happens throughout the years**, throughout the ages. And you can look back some of the previous times when there was no industrialization, you had these different ages, ice ages, and things warming and things. That's the question

Action to limit carbon pollution would "destroy our economy": "We don't need to go overboard in an effort to get that squared away and destroy our economy. And that's what's happening with the cap and trade bill. We're a coal-fired state in Arkansas. You're talking about potentially doubling our utilities. You're talking about adding a dollar to the price of gasoline. You can imagine what that would do to the economy."

"**I don't think there's the scientific evidence to justify it,**" Rubio said. Asked whether he accepts the scientific evidence that the global climate is undergoing change, he responded, "**The climate is always changing.** The climate is never static. The question is whether it's caused by man-made activity and whether it justifies economically destructive government regulation."

"Cap and trade will [raise the cost of energy](#) to all Georgians, the majority of whom get their electricity from coal-fired electric plants. Such a program will tax carbon and redistribute that tax toward other programs unrelated to energy. We need incentives to reduce carbon, not taxes to punish its production."

We haven't heard there's man-made global warming.

Former U.S. Rep. John Hostettler called it "junk science." State Sen. Marlin Stutzman called it a "manufactured controversy."

The real truth is getting out there, and I think citizens are really starting to push back. I think there is beginning to be a **serious reconsideration of the science** of this.

"This legislation represents a [new tax](#) in the order of more than \$1,700 per American household annually, and, if it's passed, American families can expect to see considerable increases in the cost of electricity, gas, food and utilities. It is clear that most Americans families' standard of living will be reduced if this cap-and-trade bill is approved by Congress."

There **isn't any real science** to say we are altering the climate path of the earth.

I don't, however, buy into the whole ... man-caused global warming, **man-caused climate change mantra of the left.** I believe that there's not sound science to back that up

Gary Berntsen called claims that the planet is facing a serious environmental crisis "an **enormous charade.**" Jay Townsend said he's "willing to believe it's possible," but thinks much of the science that

has been presented on the subject is a “**hoax**” and an attempt to “perpetrate a fraud on the American people.” Berntsen said “**solar flares and activity from the sun has a greater impact** than man has in terms of raising the temperature,” although he admitted pollution is a problem.

Well, the science shows that there’s warming. **There’s different opinions of exactly what’s causing it**

He casts doubt on scientists’ findings about global warming. It’s “**rooted in some fairly vague science**,” he says. “There are a lot of studies out there that offer alternative explanations for global climate variations.” Huffman opposes a cap and trade system to reduce greenhouse gas emissions, largely because it will be too expensive. He argues that it’s more realistic to adapt to climate change than disrupt peoples’ lives trying to prevent it. If some island nations become uninhabitable, he says, “I think that’s a tragedy, but **we can adapt to that**.”

I absolutely do not believe that the science of man-caused climate change is proven. Not by any stretch of the imagination. I think it’s far more likely that **it’s just sunspot activity**, or something just in the geologic eons of time where we have changes in the climate.”

On Energy: The so-called green energy potential has to be put in perspective. We can't meet our energy demands with windmills and solar panels and other alternatives in the near term. We may get to the point in the next decade or two, but we're not there today. For now, we must continue to depend on our traditional sources of energy -- coal, oil and especially natural gas. It means we must aggressively expand energy production in our country, including stepping up drilling and looking to nuclear power as one of our best sources for non-carbon energy.

C. Reference for “I am not a scientist” statements (Q71)

<http://thinkprogress.org/climate/2014/10/03/3575849/not-a-scientist/>

'I'm Not A Scientist': A Complete Guide To Politicians Who Plead Ignorance On Climate Change

by [Emily Atkin](#), October 3, 2014

Senate Minority Leader Mitch McConnell (R-KY) on Thursday joined the growing ranks of politicians and political figures who actively oppose any policy to fight climate change, but also claim to not know the science of climate change. McConnell, for his part, used one of most recently popular adages to make this claim in [an interview](#) with the Cincinnati Enquirer: “I’m not a scientist.”

“We can debate this forever,” McConnell [reportedly said](#) in response to the Enquirer’s inquiries on whether he agrees with the 97 percent of climate scientists who say human-caused greenhouse gas emissions are causing global warming. “I’m not a scientist. I’m interested in protecting Kentucky’s economy.”

Climate scientists themselves have [derided](#) the tactic of of claiming ignorance on whether climate change exists, particularly from politicians, who are frequently presented with information curated by scientists to explain what’s going on with the climate. The [National Climate Assessment](#), for example, was written by scientists and other experts specifically so that members of Congress could understand climate change and how it affects the country.

"Personally, I don't think it proper for any American to use that argument [that they're not scientist]," Donald. J Wuebbles, a coordinating lead author for the U.N. Intergovernmental Panel on Climate Change's 2013 assessment report, said at the time.

Still, that hasn't stopped many of our country's most prominent politicians from saying they're not sure whether humans are the primary drivers of climate change — whether that's because of the fact that they're "not a scientist" or otherwise. Here is a list of politicians and political figures who have made the claim so far.

John Boehner: ["I'm Not Qualified"](#)

At one point in time, House Speaker John Boehner (R-OH) was an [outward climate denier](#). But now he won't even answer whether he accepts the science of climate change or not.

"Listen, I'm not qualified to debate the science over climate change," [Boehner said](#) when asked whether he thinks climate change is a problem. "But I am astute enough to understand that every proposal that has come out of this administration to deal with climate change involves hurting our economy and killing American jobs."

The statement differs from the one he made in 2009, when Boehner told ABC News' George Stephanopoulos that calling carbon dioxide a pollutant was "almost comical." "Every time we exhale, we exhale carbon dioxide," he [said at the time](#). "Every cow in the world, you know, when they do what they do, you've got more carbon dioxide."

Boehner has voted against [every bill](#) regarding climate change prevention and mitigation since he has taken office, according to the League of Conservation Voters.

Lisa Nelson: ["I Don't Know"](#)

Lisa Nelson is not a politician per se, but she is the CEO of ALEC, a free-market lobbying group that opposes policies to fight climate change and has a good deal influence on state policy-making. In an interview with the [National Journal](#) published Wednesday, Nelson said she's [not sure](#) if humans are causing climate change.

"I don't know the science on that," Nelson said when asked by National Journal's Dustin Volz specifically whether or not she thinks human carbon emissions drive climate change.

The next day, Nelson — the head of an organization that works to [kill statewide renewable energy](#) programs and pushes laws to require [climate denial teaching](#) in public school — told NPR's Diane Rehm that ALEC does not talk about climate change. "We as an organization, specifically do not comment on climate change," she [said](#).

Rick Scott: ["I'm Not A Scientist"](#)

When a reporter from the The Miami Herald [asked](#) Rick Scott, the Republican governor of Florida, whether he thinks man-made climate change "is significantly affecting the weather," Scott respond with a familiar missive.

"Well, I'm not a scientist," he said, then reportedly trying to [change the subject](#).

Since then, Scott actually [met with some climate scientists](#) who offered to explain the issue to him in the wake of his comments. It did not seem to be very [effective](#). His plan for how he will deal with environmental issues in Florida if re-elected governor does not include [anything](#) about climate change.

Marco Rubio: ["I'm Not A Scientist"](#)

Sen. Marco Rubio (R-FL) is now an outright, [unapologetic denier](#) of human-caused climate change. But when he first ran for Senate in late 2009, he decided ignorance on the issue was the best policy.

"I'm not a scientist. I'm not qualified to make that decision," he [said at the time](#) when asked if he thinks human activity causes global warming. "There's a significant scientific dispute about that."

Rubio has voted "no" on [all but one bill](#) to fight climate change since he has taken office, according to the League of Conservation Voters.

Joni Ernst: ["I Don't Know"](#)

As ClimateProgress' Jeff Spross [pointed out](#) on Wednesday, Joni Ernst — the Republicans' U.S. Senate candidate from Iowa — also joined the ranks of politicians who say they don't know the science of climate change, while remaining happy declaring we need do nothing about it.

"I don't know the science behind climate change," she said at a candidate debate at Simpson College in Indianola, Iowa. "I can't say one way or another what is the direct impact, whether it's man-made or not."

If elected, Ernst has promised "[to abolish](#)" the Environmental Protection Agency. She also [opposes](#) the Clean Water Act.

Bobby Jindal: ["I'd Leave It To The Scientists"](#)

Bobby Jindal, the Republican governor of Louisiana, was a biology major in college. He was [named](#) to the 1992 USA Today All-USA Academic Team and got a Masters degree from Oxford.

But as ClimateProgress' Joe Romm [notes](#), he still "pleads total ignorance" when it comes to how much human activity contributes to global warming and how serious it is. "I'd leave it to the scientists to decide how much, what it means, and what the consequences are," he said. "Let the scientists debate and figure that out."

Of course, the scientists have already [figured it out](#). According to the [National Climate Assessment](#), Louisiana has already lost 1,880 square miles of land in the last 80 years, and is on track to continue losing a football field of land every hour if carbon emissions continue at their current pace. Jindal, meanwhile, [opposes](#) efforts to curb greenhouse gas pollution.

Michael Grimm: ["I'm Not A Scientist"](#)

This one is a bit of a throwaway, because after Rep. Michael Grimm (R-NY) actually looked at climate research, he [admitted](#) that he thinks carbon emissions are causing the planet to warm and sea levels to rise. But back in 2010, the Congressman said he was "skeptical" of the idea.

"We see nothing but conflicting reports from across the globe," he [said](#). "I'm not sure, I'm not a scientist."

For his part, Grimm has still voted "no" on almost [every piece of legislation](#) climate change legislation since he has taken office, according to the League of Conservation Voters.

Appendix: Global Warming Poll Method

The 2015 National Global Warming Study, fielded by SSRS for Stanford University, Resources for the Future and New York Times involved telephone interviews with a representative sample of 1006 adults living in the United States. 483 respondents were interviewed on a landline telephone, and 523 were interviewed on a cell phone. Interviewing was conducted from January 7 to January 22, 2015, in English and Spanish. AAPOR's Response Rate 3 was 11% for the landline frame, 13% for the cell phone frame, and 12% for the whole study sample.

The target population for the study is non-institutionalized persons age 18 and over, living in the US. Samples were drawn from both the landline and cellular random digit dial (RDD) frames to represent people with access to either a landline or cell phone. Samples were drawn from both the landline and cell phone RDD frames. The landline and cell phone samples were provided by Marketing Systems Group's (MSG) GENESYS sampling system. The RDD landline sample was generated through Marketing Systems Group's (MSG) GENESYS sampling system. The GENESYS RDD procedure produces an Equal Probability Selection Method (epsem) sample of telephone numbers from all working. The sample was generated shortly before the beginning of data collection to provide the most up-to-date sample possible, maximizing the number of valid telephone extensions. The sample went through MSG's IDplus screening process, which purges out all listed business telephone numbers contained in a sample file, and then dials the remaining unlisted portion to screen out non-working and additional business numbers. Cell phone numbers were generated using the Telecordia database, which identifies 1000-series telephone blocks (e.g. 215-653-7xxx) dedicated to cellular devices. From the identified 1,000 series telephone blocks dedicated to cellular devices, MSG generates a random sample of possible telephone numbers.

All interviews are completed using the computer assisted telephone interviewing (CATI) system. The CATI system ensures that questions followed logical skip patterns and that complete dispositions of all call attempts were recorded.

For the landline sample, a respondent was randomly selected from all of adults in their household. For the cell sample, interviews were conducted with the person who answered the phone. Interviewers verified that the person was an adult and in a safe place before administering the survey.

In order to maximize survey response, SSRS enacted the following procedures during the field period:

- Up to 14 follow-up attempts were made to contact non-responsive numbers (e.g. no answer, busy, answering machine).
- Non-responsive numbers were contacted multiple times, varying the times of day, and the days of the week that call-backs were placed using a programmed differential call rule.
- Interviewers stressed that the study was done for research purposes and that responses were strictly confidential and, when asked, they stated as accurately as possible the expected length of the interview (~30 minutes). In addition, interviewers were provided with possible responses to possible respondent concerns raised during interviews, in order to minimize breakoffs.
- Respondents were offered the option of scheduling a call-back at their convenience.
- Specially trained interviewers contacted households where the initial call resulted in respondents hanging up the phone or breaking off in the course of the interview
- Respondents reached by cell phone, were offered \$10 if they requested compensation for their time. Of 523 respondents, 54 requested the incentive.

The survey data are weighted to adjust for the fact that not all survey respondents were selected with the same probabilities and to account for systematic nonresponse along known population parameters. The combined sample is weighted to match demographic parameters from the 2014 March Supplement of the Current Population Survey and telephone status parameters from the National Health Interview Survey for the time period between January and June 2014. The weighting procedure accounts for the overlapping dual frame design, multiple chances of selection in each frame, within-household selection in

the landline sample, and differential nonresponse across demographic groups. The weight was computed in two stages. The first stage weight adjusts for the factors influencing the probability that a given adult was selected for the survey. Specifically, it accounts for the telephone status of the individual (landline only, cell phone only, or both), the number of eligible landlines, the number of eligible cell phones, the number of eligible adults in the household for the landline sample, and the relative sizes of the samples drawn from the two frames. The second stage of weighting calibrated sample demographics to estimated population parameters. The sample was calibrated to match national population parameters for age-by-gender (4 age categories: 18 to 29; 30 to 44; 45 to 64; 65+); education (5 categories: less than high school; high school; some college [including associate's degree]; 4-year college degree; more than 4-year degree); race (African American – single-race, and all others), ethnicity (Hispanic [U.S. born, and foreign-born separately], all others); marital status (marries, not-married); phone status (cell phone, landline only, dual user); Census region; and A variable dividing U.S. counties into three based on the 2012 presidential election outcomes: Democratic-leaning counties; Republican-leaning counties; all other counties. Weights were trimmed to prevent individual interviews from having too much influence on the final results. The design effect associated with the final (post-stratification) weights was 1.46.