## PUBLIC SUPPORT FOR CLIMATE AND ENERGY POLICIES IN MARCH 2012



# Climate Change in the American Mind: Public Support for Climate \& Energy Policies in March 2012 

Interview dates: March 12, 2012 - March 30, 2012. Interviews: 1,008 Adults (18+) Margin of error: $+/-3$ percentage points at the $95 \%$ confidence level.
NOTE: All results show percentages among all respondents, unless otherwise labeled. Totals may occasionally sum to more than 100 percent due to rounding.

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## Executive Summary

## Overview

Overall, majorities of Americans say that global warming and clean energy should be among the nation's priorities, want more action by elected officials, corporations and citizens themselves, and support a variety of climate change and energy policies, including holding fossil fuel companies responsible for all the "hidden costs" of their products. A majority also say they would be more likely to vote for a candidate who supports a "revenue neutral" tax shift from income taxes to fossil fuels, and that global warming will be one of the issues that determines their vote for President this fall.

## Issue Priority

- 72 percent of Americans think that global warming should be a very high ( $12 \%$ ), high ( $28 \%$ ), or medium ( $32 \%$ ) priority for the president and Congress. Among registered voters, 84 percent of Democrats, 68 percent of Independents, and 52 percent of Republicans think global warming should be a priority.
- 92 percent of Americans think that developing sources of clean energy should be a very high ( $31 \%$ ), high ( $38 \%$ ), or medium ( $23 \%$ ) priority for the president and Congress. Among registered voters, 96 percent of Democrats and Independents, and 84 percent of Republicans think clean energy should be a priority.
- 83 percent of Americans think that protecting the environment either improves economic growth and provides new jobs ( $58 \%$ ) or has no effect on economic growth or jobs ( $25 \%$ ). Only 17 percent think it reduces economic growth and costs jobs. When there is a conflict between the two, however, 62 percent of Americans say it is more important to protect the environment, even if it reduces economic growth, while 38 percent say economic growth is more important, even if it leads to environmental problems.

Among registered voters, 91 percent of Democrats, 77 percent of Independents, and 70 percent of Republicans think that overall, protecting the environment either improves economic growth and provides new jobs, or has no effect on economic growth or jobs. When there is a conflict between the two, however, 72 percent of Democrats, 63 percent of Independents, and 45 percent of Republicans say it is more important to protect the environment than economic growth.

## Who Should Act on Global Warming?

- 70 percent of Americans say that corporations and industry should be doing more to address global warming, which is back up to levels last seen in the fall of 2008.
- 67 percent of Americans also say that citizens themselves should be doing more to address the issue.
- 58 percent of Americans say that Congress should be doing more to address global warming. The proportion that say Congress should be doing "much more" has increased four percentage points since May 2011 (up to $23 \%$ ).
- 54 percent of Americans say that President Obama should be doing more to address the issue, while 25 percent say he is currently doing the right amount. Only 21 percent say he should do less.


## Support for Climate \& Energy Policies

- More than two-thirds of Americans (68\%) say the U.S. should make either a large-scale or medium-scale effort to reduce global warming, even if this has large or moderate economic costs.
- A large majority of Americans ( $79 \%$ ) supports funding more research into renewable energy sources. Among registered voters, 91 percent of Democrats, 80 percent of Independents, and 74 percent of Republicans support this policy. However, perhaps due in part to news stories about Solyndra, "strong support" for more research into renewables fell from 53 percent in the fall of 2008 to 36 percent in March 2012. Meanwhile opposition to renewable energy research more than doubled, from 8 percent in 2008 to 21 percent in 2012.
- 76 percent support providing tax rebates for people who purchase more fuel-efficient vehicles or solar panels. Among registered voters, 89 percent of Democrats, 76 percent of Independents, and 63 percent of Republicans support this policy.
- 75 percent support regulating carbon dioxide as a pollutant. Among registered voters, 84 percent of Democrats, 77 percent of Independents, and 67 percent of Republicans support this policy.
- 65 percent of Americans support an international treaty requiring the U.S. to cut carbon dioxide $90 \%$ by the year 2050. Among registered voters, 78 percent of Democrats, 64 percent of Independents, and 42 percent of Republicans support this policy.
- 63 percent support requiring utilities to produce at least $20 \%$ of their electricity from renewable energy sources, even if household costs increase by $\$ 100$ a year. "Strong support," however, has decreased from 31 percent in 2008 to 20 percent now. Among registered voters, 74 percent of Democrats, 65 percent of Independents, and 47 percent of Republicans support this policy.
- 63 percent say the U.S. should act on its own to reduce greenhouse gases, regardless of what other nations do.
- 62 percent support expanded offshore drilling for oil and natural gas off the U.S. coast. Likely due to the BP oil spill, however, "strongly support" for expanding offshore drilling for oil and natural gas off the U.S. coast has fallen from 37 percent in 2008 to 24 percent now.

There is a substantial difference between the two parties on offshore drilling, however. 89 percent of Republicans support it, compared to 53 percent of Democrats. Among those who "strongly support" offshore drilling, the difference is even greater: 42 percent of Republicans strongly support it vs. 15 percent of Democrats. By contrast, only 2 percent of Republicans "strongly oppose" expanded offshore drilling, while 20 percent of Democrats do.

- 61 percent of Americans support holding the fossil fuel industry (coal, oil and natural gas) responsible for "all the hidden costs we pay for citizens who get sick from polluted air and water, military costs to maintain our access to foreign oil, and the environmental costs of spills and accidents." Among registered voters, 68 percent of Democrats, 72 percent of Independents, and 54 percent of Republicans support this policy.
- Likely due to the Fukushima nuclear accident, support for building more nuclear power plants has fallen dramatically - from 61 percent who supported it in 2008 to just 42 percent now. Among registered voters, 37 percent of Democrats, 48 percent of Independents, and 53 percent of Republicans support this policy.
- The country is divided about whether to eliminate all federal subsidies for all form of energy (oil, gas, coal, nuclear and renewables) - 47 percent of Americans support ending all energy subsidies while 54 percent oppose it. ${ }^{1}$ Interestingly, however, there are not substantial political differences, with Democrats, Independents, and Republicans all about equally supportive or opposed.
- Only 50 percent of Americans have heard about the proposed Keystone XL pipeline. Among registered voters, Republicans ( $66 \%$ ) and Independents ( $69 \%$ ) are more likely to have heard of it, compared to Democrats (48\%). Of those Americans who have heard of it, two-thirds (69\%) support building the pipeline, including 87 percent of registered Republicans, 68 percent of Independents, and 50 percent of Democrats.


## Voting Intentions

- By a margin of 3 to 1 , Americans say they would be more likely to vote for a political candidate who supports a "revenue neutral" tax shift. This shift would increase taxes on coal, oil and natural gas, and reduce the federal income tax by an equal amount, while creating jobs and decreasing pollution. ${ }^{2} 61$ percent of Americans say they would be more likely to vote for a candidate who supports such a tax shift, while 20 percent say they would be less likely.

Among registered voters, Republicans would be more likely to vote for a candidate who supports such a tax shift by a 2 to 1 margin -51 percent would be more likely to vote for such a candidate, while 25 percent would be less likely. Independents would be more likely to vote for such a candidate by a nearly 3 to 1 margin - 60 percent vs. 22 percent. Finally, Democrats would

[^0]be more likely to vote for such a candidate by a more than 5 to 1 margin -74 percent vs. 13 percent.

- 55 percent of Americans say that global warming will be either the single most important ( $3 \%$ ) or one of several important issues ( $52 \%$ ) in determining their vote for president this year. Among registered voters, 63 percent of Democrats say global warming will be either the single most important issue ( $3 \%$ ) or one of several important issues ( $60 \%$ ) in determining their vote. 59 percent of Independents and 43 percent of Republicans say it will be either the single most important issue ( $2 \%$ respectively) or one of several important issues determining their vote ( $57 \%$ and $41 \%$ respectively).
(NOTE: These results are from a nationally representative survey conducted by Knowledge Networks. The survey was fielded March 12 through March 30, 2012 with 1,008 American adults. The margin of sampling error is plus or minus 3 percent, with 95 percent confidence.)


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Issue Priority for the President and Congress


Do you think global warming should be a low, medium, high, or very high priority for the president and Congress? ${ }^{3}$

|  | March 2012* | Nov 2011* | May 2011* | June 2010* | Jan 2010* | Nov 2008+ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Very high | 12 | 12 | 13 | 17 | 13 | 21 |
| High | 28 | 25 | 27 | 27 | 25 | 33 |
| Medium | 32 | 33 | 31 | 33 | 31 | 30 |
| Low | 28 | 30 | 30 | 23 | 31 | 17 |

* 2010, 2011 \& 2012 Question wording = Do you think global warming should be a low, medium, high, or very high priority for the president and Congress?
+2008 Question wording $=$ Here are some issues now being discussed in Washington, D.C. Do you think each of these issues should be a low, medium, high, or very high priority for the next president and Congress?

Do you think that developing sources of clean energy should be a low, medium, high, or very high priority for the president and Congress?

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Very high | 31 | 30 | 31 | 34 | 24 | - |
| High | 38 | 35 | 35 | 37 | 36 | - |
| Medium | 23 | 25 | 25 | 23 | 29 | - |
| Low | 8 | 10 | 9 | 6 | 11 | - |

[^1]Do you think each of the following should be doing more or less to address global warming?


Your local government officials

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Much more | 12 | 13 | 13 | 14 | 12 | 13 |
| More | 38 | 35 | 39 | 36 | 34 | 45 |
| Currently doing | 32 | 35 | 28 | 36 | 35 | 29 |
| the right amount | 10 | 9 | 9 | 8 | 8 | 7 |
| Less | 8 | 8 | 10 | 7 | 10 | 6 |
| Much less |  |  |  |  |  |  |

Your state legislators

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Much more | 15 | 16 | 15 | 15 | 14 | 16 |
| More | 39 | 36 | 39 | 36 | 36 | 47 |
| Currently doing | 27 | 31 | 26 | 33 | 30 | 25 |
| the right amount | 11 | 10 | 10 | 8 | 10 | 6 |
| Less | 8 | 8 | 10 | 8 | 10 | 6 |
| Much less |  |  |  |  |  |  |

## Your governor

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Much more | 16 | 16 | 16 | 16 | 15 | 16 |
| More | 37 | 36 | 38 | 35 | 34 | 46 |
| Currently doing | 29 | 31 | 27 | 33 | 30 | 26 |
| the right amount | 11 | 10 | 9 | 9 | 10 | 6 |
| Less | 7 | 8 | 10 | 8 | 11 | 6 |
| Much less | 7 |  |  |  |  |  |

The U.S. Congress

|  | March 2012 | Nov 2011 | May 2011 June 2010 | Jan 2010 | Nov 2008 |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Much more | 23 | 20 | 19 | 19 | 19 | 26 |
| More | 35 | 35 | 38 | 35 | 35 | 41 |
| Currently doing | 21 | 25 | 20 | 26 | 23 | 20 |
| the right amount | 12 | 11 | 11 | 10 | 10 | 6 |
| Less | 9 | 8 | 12 | 9 | 15 | 7 |
| Much less |  |  |  |  |  |  |

The President

|  | March <br> $\mathbf{2 0 1 2}^{*}$ | Nov <br> $\mathbf{2 0 1 1}^{*}$ | May <br> $\mathbf{2 0 1 1}^{*}$ | June <br> $\mathbf{2 0 1 0}$ | Jan <br> $\mathbf{2 0 1 0}$ | Nov <br> $\mathbf{2 0 0 8}+$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Much more | 19 | 19 | 19 | 20 | 17 | 28 |
| More | 35 | 33 | 35 | 32 | 33 | 38 |
| Currently doing | 25 | 28 | 22 | 30 | 26 | 21 |
| the right amount |  |  | 10 | 10 | 9 | 9 |

*President Barack Obama

+ President George W. Bush


## Corporations and industry

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Much more | 40 | 37 | 34 | 38 | 33 | 41 |
| More | 30 | 30 | 31 | 28 | 31 | 32 |
| Currently doing | 18 | 20 | 18 | 22 | 21 | 17 |
| the right amount | 7 | 6 | 8 | 7 | 7 | 5 |
| Less | 5 | 6 | 9 | 6 | 9 | 6 |
| Much less |  |  |  |  |  |  |

## Citizens themselves

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Much more | 27 | 26 | 28 | 31 | 27 | 30 |
| More | 40 | 39 | 35 | 33 | 36 | 42 |
| Currently doing | 22 | 24 | 21 | 24 | 23 | 20 |
| the right amount | 7 | 6 | 9 | 7 | 7 | 5 |
| Less | 5 | 6 | 7 | 5 | 8 | 5 |
| Much less | 5 |  |  |  |  |  |

People disagree whether the United States should reduce greenhouse gas emissions on its own, or make reductions only if other countries do too. Which of the following statements comes closest to your own point of view? The United States should reduce its greenhouse gas emissions...

|  | March <br> $\mathbf{2 0 1 2}$ | Nov <br> $\mathbf{2 0 1 1}$ | May <br> $\mathbf{2 0 1 1}$ | June <br> $\mathbf{2 0 1 0}$ | Jan <br> $\mathbf{2 0 1 0}$ | Nov <br> $\mathbf{2 0 0 8}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Regardless of what other countries do <br> Only if other industrialized countries (such as <br> England, Germany and Japan) reduce their emissions <br> Only if other industrialized countries and developing <br> countries (such as China, India and Brazil) reduce their <br> emissions <br> The US should not reduce its emissions <br> Don't know B | 60 | 61 | 65 | 57 | 67 |  |

How big of an effort should the United States make to reduce global warming?

|  | March <br> $\mathbf{2 0 1 2}$ | Nov <br> $\mathbf{2 0 1 1}$ | May <br> $\mathbf{2 0 1 1}$ | June <br> $\mathbf{2 0 1 0}$ | Jan <br> $\mathbf{2 0 1 0}$ | Nov <br> $\mathbf{2 0 0 8}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| A large-scale effort, even if it has <br> large economic costs | 26 | 26 | 29 | 28 | 26 | 34 |
| A medium-scale effort, even if it has moderate <br> economic costs | 42 | 40 | 38 | 41 | 36 | 40 |
| A small-scale effort, even if it has small <br> economic costs | 19 | 23 | 19 | 18 | 21 | 17 |
| No effort |  |  |  |  |  |  |

## National Policies

For specific question text, see the tables below this chart.

## National Policy Support



How much do you support or oppose requiring electric utilities to produce at least $20 \%$ of their electricity from wind, solar, or other renewable energy sources, even if it cost the average household an extra $\$ 100$ a year?

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Strongly support | 20 | 22 | 23 | 22 | 18 | 31 |
| Somewhat support | 43 | 41 | 43 | 39 | 40 | 41 |
| Somewhat oppose | 22 | 24 | 18 | 22 | 21 | 17 |
| Strongly oppose | 15 | 14 | 16 | 18 | 21 | 11 |

How much do you support or oppose signing an international treaty that requires the United States to cut its emissions of carbon dioxide $\mathbf{9 0 \%}$ by the year 2050?

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Strongly support | 19 | 21 | 23 | 21 | 17 | 25 |
| Somewhat support | 46 | 45 | 43 | 44 | 44 | 44 |
| Somewhat oppose | 19 | 23 | 17 | 19 | 20 | 19 |
| Strongly oppose | 16 | 11 | 17 | 16 | 19 | 13 |

How much do you support or oppose expanding offshore drilling for oil and natural gas off the U.S. coast?

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Strongly support | 24 | 24 | 28 | 23 | 21 | 37 |
| Somewhat support | 38 | 39 | 38 | 39 | 46 | 38 |
| Somewhat oppose | 23 | 22 | 20 | 21 | 21 | 14 |
| Strongly oppose | 16 | 16 | 14 | 17 | 12 | 11 |

How much do you support or oppose building more nuclear power plants?

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Strongly support | 13 | 11 | 16 | 16 | 17 | 23 |
| Somewhat support | 29 | 31 | 31 | 37 | 32 | 38 |
| Somewhat oppose | 38 | 37 | 30 | 30 | 31 | 24 |
| Strongly oppose | 20 | 21 | 23 | 17 | 20 | 15 |

How much do you support or oppose funding more research into renewable energy sources, such as solar and wind power?

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Strongly support | 36 | 36 | 47 | 42 | 41 | 53 |
| Somewhat support | 43 | 42 | 37 | 45 | 44 | 39 |
| Somewhat oppose | 12 | 17 | 11 | 10 | 11 | 6 |
| Strongly oppose | 9 | 6 | 6 | 3 | 4 | 2 |

How much do you support or oppose providing tax rebates for people who purchase energyefficient vehicles or solar panels?

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Strongly support | 30 | 30 | 41 | 41 | 32 | 38 |
| Somewhat support | 46 | 48 | 41 | 42 | 50 | 47 |
| Somewhat oppose | 13 | 14 | 10 | 12 | 10 | 11 |
| Strongly oppose | 11 | 7 | 9 | 5 | 7 | 4 |

How much do you support or oppose regulating carbon dioxide (the primary greenhouse gas) as a pollutant?

| March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 25 | 25 | - | 26 | 24 | 30 |
| 50 | 48 | - | 51 | 47 | 50 |
| 15 | 20 | - | 13 | 14 | 13 |
| 11 | 7 | - | 11 | 15 | 7 |

Eliminate all federal subsidies from all forms of energy production -- including oil, gas, coal, nuclear, corn ethanol, solar, and wind.

|  | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Strongly support | 14 | - | - | - | - | - |
| Somewhat support | 33 | - | - | - | - | - |
| Somewhat oppose | 40 | - | - | - | - | - |
| Strongly oppose | 14 | - | - | - | - | - |

Holding the Fossil Fuel Industry Responsible for All Hidden Costs


Some people say that burning fossil fuels seems cheap until you include all the "hidden costs" we pay for citizens who get sick from polluted air and water, military costs to maintain our access to foreign oil, and the environmental costs of spills and accidents. How much do you support or oppose holding the fossil fuel industry (coal, oil, and natural gas) responsible for all the hidden costs of their products?

March 2012 Nov 2011 May 2011 June 2010 Jan 2010 Nov 2008

| Strongly support | 18 | - | - | - | - | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Somewhat support | 43 | - | - | - | - | - |
| Somewhat oppose | 28 | - | - | - | - | - |
| Strongly oppose | 11 | - | - | - | - | - |

Have you heard anything in the news about the proposed Keystone XL pipeline that would transport crude oil from the Canada tar sands to Texas?

|  | March $\mathbf{2 0 1 2}$ |
| :--- | :---: |
| Yes | 50 |
| No | 37 |
| I don't know | 13 |

Respondents who said they had beard about the Keystone XL pipeline were then asked...
How closely have you followed the news stories about the Keystone XL pipeline?

|  | March 2012 |
| :--- | :---: |
| Very closely | 17 |
| Somewhat closely | 29 |
| A little | 43 |
| Not at all | 11 |

How much do you support or oppose the building of the Keystone XL pipeline?

|  | March 2012 |
| :--- | :---: |
| Strongly support | 36 |
| Somewhat support | 33 |
| Somewhat oppose | 18 |
| Strongly oppose | 13 |

## Impact of Environmental Protection on <br> Economic Growth



Overall, do you think that protecting the environment...
March 2012 Nov 2011 May 2011 June 2010

| Improves economic growth <br> and provides new jobs | 58 | 54 | 54 | 56 |
| :--- | :--- | :--- | :--- | :--- |
| Has no effect on economic <br> growth or jobs | 25 | 31 | 29 | 25 |
| Reduces economic growth <br> and costs jobs | 17 | 15 | 18 | 18 |

When there is a conflict between environmental protection and economic growth, which do you think is more important?

|  | March <br> $\mathbf{2 0 1 2}$ | Nov <br> $\mathbf{2 0 1 1}$ | May <br> $\mathbf{2 0 1 1}$ | June <br> $\mathbf{2 0 1 0}$ | Jan <br> $\mathbf{2 0 1 0}$ | 2008 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Protecting the environment, even if it <br> reduces economic growth | 62 | 63 | 64 | 65 | 63 | - |
| Economic growth, even if it leads to <br> environmental problems | 38 | 37 | 36 | 35 | 37 | - |

How Important will a Candidate's Views on Global Warming be in Determining your Vote for President Next Year?


How important will a candidate's views on global warming be in determining your vote for President next year? Will it be the single most important issue, one of several important issues, or not important in determining your vote?

|  | March <br> $\mathbf{2 0 1 2}$ | Nov <br> $\mathbf{2 0 1 1}$ | May <br> $\mathbf{2 0 1 1}$ | June | Jan | Nov |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 | 2 | - | - | - | 2 |
| 2010 | $\mathbf{2 0 0 8}$ |  |  |  |  |  |
| The single most important issue | 52 | 52 | - | - | - | 60 |
| One of several important issues | 45 | 46 | - | - | - | 38 |
| Not an important issue |  |  |  |  |  |  |

## Vote for a Candidate Who Supports Legislation to Reduce the Federal Income Tax, but Increase Taxes on Fossil Fuels



Would you be more or less likely to vote for a candidate who supports legislation to reduce the federal income tax that Americans pay each year, but increase taxes on coal, oil, and natural gas by an equal amount? This tax shift would be "revenue neutral" (meaning the total amount of taxes collected by the government would stay the same), and would create jobs and decrease pollution.

March 2012

| Much more likely | 27 |
| :--- | :---: |
| Somewhat more likely | 34 |
| It would make no difference in my vote | 20 |
| Somewhat less likely | 11 |
| Much less likely | 9 |

The sample was randomly split in balf, with balf of respondents assigned to answer the following question ( $n=436$ ):
If the 2012 presidential election were being held today, who would you vote for?

|  | March 2012 |
| :--- | :---: |
| Barack Obama | 54 |
| Mitt Romney | 46 |

## Policy Support by Political Party

## Registered Voters



Do you think global warming should be a low, medium, high, or very high priority for the president and Congress?

|  | Nat'l Avg $^{\mathbf{4}}$ | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Very High | $\mathbf{1 1}$ | 16 | 8 | 3 | 23 |
| High | $\mathbf{2 7}$ | 32 | 31 | 17 | 28 |
| Medium | $\mathbf{3 2}$ | 36 | 29 | 32 | 32 |
| Low | $\mathbf{3 0}$ | 16 | 33 | 48 | 17 |

[^2]

Do you think that developing sources of clean energy should be a low, medium, high, or very high priority for the president and Congress?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Very High | $\mathbf{3 1}$ | 37 | 29 | 20 | 35 |
| High | $\mathbf{3 8}$ | 45 | 38 | 31 | 37 |
| Medium | $\mathbf{2 4}$ | 14 | 30 | 33 | 23 |
| Low | $\mathbf{8}$ | $\mathbf{4}$ | $\mathbf{4}$ | 15 | 6 |

## Require Utilities to Produce 20\% Renewable Energy by Political Party



How much do you support or oppose requiring electric utilities to produce at least $20 \%$ of their electricity from wind, solar, or other renewable energy sources, even if it cost the average household an extra $\$ 100$ a year?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Strongly support | $\mathbf{2 1}$ | 27 | 21 | 14 | 17 |
| Somewhat support | $\mathbf{4 2}$ | 47 | 44 | 33 | 52 |
| Somewhat oppose | $\mathbf{2 3}$ | 20 | 17 | 34 | 20 |
| Strongly oppose | $\mathbf{1 4}$ | 7 | 18 | 19 | 11 |

How much do you support or oppose signing an international treaty that requires the United States to cut its emissions of carbon dioxide $\mathbf{9 0 \%}$ by the year 2050?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Strongly support | $\mathbf{1 8}$ | 25 | 18 | 10 | 19 |
| Somewhat support | $\mathbf{4 5}$ | 53 | 46 | 32 | 53 |
| Somewhat oppose | $\mathbf{2 0}$ | 15 | 15 | 32 | 19 |
| Strongly oppose | $\mathbf{1 7}$ | 7 | 22 | 26 | 8 |

How much do you support or oppose expanding offshore drilling for oil and natural gas off the U.S. coast?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Strongly support | $\mathbf{2 7}$ | 15 | 29 | 42 | 13 |
| Somewhat support | $\mathbf{3 8}$ | 38 | 31 | 47 | 43 |
| Somewhat oppose | $\mathbf{2 2}$ | 27 | 27 | 9 | 24 |
| Strongly oppose | $\mathbf{1 3}$ | 20 | 13 | 2 | 20 |

How much do you support or oppose building more nuclear power plants?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Strongly support | $\mathbf{1 4}$ | 9 | 19 | 19 | 6 |
| Somewhat support | $\mathbf{2 9}$ | 28 | 29 | 34 | 21 |
| Somewhat oppose | $\mathbf{3 8}$ | 44 | 30 | 37 | 50 |
| Strongly oppose | $\mathbf{1 9}$ | 19 | 23 | 11 | 24 |

## Renewable Energy Research by Political Party



How much do you support or oppose funding more research into renewable energy sources, such as solar and wind power?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Strongly support | $\mathbf{3 7}$ | 44 | 40 | 24 | 34 |
| Somewhat support | $\mathbf{4 5}$ | 47 | 40 | 50 | 41 |
| Somewhat oppose | $\mathbf{1 0}$ | 7 | 8 | 14 | 16 |
| Strongly oppose | $\mathbf{9}$ | 3 | 11 | 12 | 10 |

Tax Rebates for EE Vehicles and Solar Panels by Political Party


How much do you support or oppose providing tax rebates for people who purchase energyefficient vehicles or solar panels?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Strongly support | $\mathbf{3 2}$ | 40 | 34 | 19 | 26 |
| Somewhat support | $\mathbf{4 5}$ | 49 | 42 | 44 | 50 |
| Somewhat oppose | $\mathbf{1 3}$ | 7 | 12 | 23 | 15 |
| Strongly oppose | $\mathbf{1 0}$ | 5 | 11 | 14 | 8 |

## Regulating Carbon Dioxide as a Pollutant by Political Party



How much do you support or oppose regulating carbon dioxide (the primary greenhouse gas) as a pollutant?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Strongly support | $\mathbf{2 6}$ | 32 | 27 | 15 | 31 |
| Somewhat support | $\mathbf{5 0}$ | 52 | 50 | 52 | 47 |
| Somewhat oppose | $\mathbf{1 4}$ | 12 | 10 | 18 | 16 |
| Strongly oppose | $\mathbf{1 0}$ | 4 | 13 | 15 | 7 |

## Eliminate all Federal Subsidies from all forms of Energy Production by Political Party

■ Strongly support ■ Somewhat support ■ Somewhat oppose ■ Strongly oppose


How much do you support or oppose eliminating all federal subsidies from all forms of energy production -- including oil, gas, coal, nuclear, corn ethanol, solar, and wind?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Strongly support | $\mathbf{1 5}$ | 15 | 13 | 16 | 8 |
| Somewhat support | $\mathbf{3 4}$ | 35 | 34 | 35 | 39 |
| Somewhat oppose | $\mathbf{3 9}$ | 39 | 42 | 34 | 43 |
| Strongly oppose | $\mathbf{1 2}$ | 11 | 11 | 16 | 10 |

## Holding the Fossil Fuel Industry Responsible for All Hidden Costs by Political Party



Some people say that burning fossil fuels seems cheap until you include all the "hidden costs" we pay for citizens who get sick from polluted air and water, military costs to maintain our access to foreign oil, and the environmental costs of spills and accidents. How much do you support or oppose holding the fossil fuel industry (coal, oil, and natural gas) responsible for all the hidden costs of their products?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Strongly support | $\mathbf{1 9}$ | 21 | 22 | 13 | 21 |
| Somewhat support | $\mathbf{4 4}$ | 47 | 50 | 41 | 33 |
| Somewhat oppose | $\mathbf{2 6}$ | 22 | 16 | 33 | 41 |
| Strongly oppose | $\mathbf{1 1}$ | 10 | 12 | 13 | 4 |

## Vote for a Candidate Who Supports Legislation to Reduce the Federal Income Tax, but Increase Taxes on Fossil Fuels by Political Party



Would you be more or less likely to vote for a candidate who supports legislation to reduce the federal income tax that Americans pay each year, but increase taxes on coal, oil, and natural gas by an equal amount? This tax shift would be "revenue neutral" (meaning the total amount of taxes collected by the government would stay the same), and would create jobs and decrease pollution.

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Much more likely | $\mathbf{2 8}$ | 37 | 28 | 15 | 31 |
| Somewhat more likely | $\mathbf{3 3}$ | 37 | 32 | 36 | 21 |
| It would make no difference in my vote | $\mathbf{2 0}$ | 13 | 18 | 24 | 31 |
| Somewhat less likely | $\mathbf{1 0}$ | 9 | 10 | 13 | 12 |
| Much less likely | $\mathbf{9}$ | 4 | 12 | 12 | 5 |

Have you heard anything in the news about the proposed Keystone XL pipeline that would transport crude oil from the Canada tar sands to Texas?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Yes | $\mathbf{5 6}$ | 48 | 69 | 66 | 17 |
| No | $\mathbf{3 5}$ | 43 | 22 | 26 | 62 |
| I don't know | $\mathbf{9}$ | 8 | 9 | 8 | 21 |

Respondents who said they had heard about the Keystone XL pipeline were then asked...
How closely have you followed the news stories about the Keystone XL pipeline?

|  | Nat'l Avg | Dem | Ind | Rep |
| :--- | :---: | :---: | :---: | :---: |
| Very closely | $\mathbf{1 8}$ | 14 | 22 | 18 |
| Somewhat closely | $\mathbf{3 0}$ | 29 | 28 | 33 |
| A little | $\mathbf{4 2}$ | 47 | 44 | 37 |
| Not at all | $\mathbf{1 0}$ | 10 | 7 | 11 |
| Number of respondents | $\mathbf{4 4 0}$ | $\mathbf{1 4 3}$ | $\mathbf{1 4 4}$ | $\mathbf{1 2 3}$ |

How much do you support or oppose the building of the Keystone XL pipeline?

|  | Nat'l Avg | Dem | Ind | Rep |
| :--- | :---: | :---: | :---: | :---: |
| Strongly support | $\mathbf{3 6}$ | 18 | 35 | 56 |
| Somewhat support | $\mathbf{3 2}$ | 32 | 33 | 31 |
| Somewhat oppose | $\mathbf{1 8}$ | 28 | 20 | 6 |
| Strongly oppose | $\mathbf{1 4}$ | 22 | 13 | $\mathbf{7}$ |
| Number of respondents | $\mathbf{4 3 8}$ | 142 | 143 | $\mathbf{1 2 1}$ |

[^3]
## Impact of Environmental Protection on Economic Growth by Political Party



Overall, do you think that protecting the environment:

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Improves economic growth and provides new jobs | $\mathbf{6 0}$ | 73 | 56 | 41 | 61 |
| Has no effect on economic growth or jobs | $\mathbf{2 3}$ | 18 | 21 | 29 | 33 |
| Reduces economic growth and costs jobs | $\mathbf{1 8}$ | 9 | 23 | 30 | 6 |

When there is a conflict between environmental protection and economic growth, which do you think is more important?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Protecting the environment, even if <br> it reduces economic growth | $\mathbf{6 2}$ | 72 | 63 | 45 | 67 |
| Economic growth, even if it leads <br> to environmental problems | $\mathbf{3 8}$ | 28 | 37 | 55 | 33 |

How important will a candidate's views on global warming be in determining your vote for President this year? Will it be the single most important issue, one of several important issues, or not important in determining your vote?

|  | Nat'l Avg | Dem | Ind | Rep | N/P |
| :--- | :---: | :---: | :---: | :---: | :---: |
| The single most important issue | $\mathbf{2}$ | 3 | 2 | 2 | 0 |
| One of several important issues | $\mathbf{5 3}$ | 60 | 57 | 41 | 53 |
| Not an important issue | $\mathbf{4 5}$ | 37 | 42 | 57 | 47 |

## Registered Voters: Political Party

Generally speaking, do you think of yourself as a...

|  | Percent | Sample size |
| :--- | ---: | ---: |
| Democrat | 38 | 298 |
| Independent | 26 | 207 |
| Republican | 23 | 186 |
| Other |  |  |
| No party/not interested in politics ${ }^{7}$ | 4 | 33 |
| Total | 9 | 71 |

[^4]
## Methodology

These results come from nationally representative surveys of American adults, aged 18 and older. The samples were weighted to correspond with US Census Bureau parameters for the United States. The surveys were designed by Anthony Leiserowitz of Yale University and Edward Maibach and Connie Roser-Renouf of George Mason University and conducted by Knowledge Networks, using an online research panel of American adults.

- March 2012: Fielded March 12 through March 30, 2012 with 1,008 American adults. The margin of sampling error is plus or minus 3 percent, with 95 percent confidence.
- November 2011: Fielded October 20 through November 16 with 1,000 American adults. The margin of sampling error is plus or minus 3 percent, with 95 percent confidence.
- May 2011: Fielded April 23 through May 12 with 1,010 American adults. The margin of sampling error is plus or minus 3 percent, with 95 percent confidence.
- June 2010: Fielded May 14 through June 1 with 1,024 American adults. The margin of sampling error is plus or minus 3 percent, with 95 percent confidence.
- January 2010: Fielded December 24, 2009 through January 3, 2010 with 1,001 American adults. The margin of sampling error is plus or minus 3 percent, with 95 percent confidence.
- November 2008: Fielded October 7 through November 12 with 2,164 American adults. Data was collected in two waves: wave 1 from October 7 through October 20 and wave 2 from October 24 through November 12. The margin of sampling error is plus or minus 2 percent, with 95 percent confidence.



[^0]:    ${ }^{1}$ Our survey in November 2011, however, found that a large majority of Americans ( $69 \%$ ) supported ending subsidies for the fossil fuel industry, so this result likely reflects a desire by many Americans to maintain (or increase) subsidies for renewable energy.
    ${ }^{2}$ Note that a revenue-neutral tax shift might be regressive. For example, the poor (who pay little to no income taxes) might end up paying a greater proportion of their incomes in higher energy costs, depending on how such a policy was implemented.

[^1]:    ${ }^{3}$ Items are listed in the order they were asked. Items not shown in this report are being released separately.

[^2]:    ${ }^{4}$ National average of registered voters. N/P refers to respondents with No Party preference.

[^3]:    ${ }^{5} \mathrm{~N} / \mathrm{P}$ responses are not reported due to their small sample size.

[^4]:    ${ }^{6}$ "Other" responses are not reported due to their small sample size.
    ${ }^{7}$ Labeled " $\mathrm{N} / \mathrm{P}$ " above.

