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## Ethanol Research Loses Ground, Continued Division on ANWR PUBLIC SENDS MIXED SIGNALS ON ENERGY POLICY

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## Ethanol Research Loses Ground, Continued Division on ANWR PUBLIC SENDS MIXED SIGNALS ON ENERGY POLICY

At a time of rising energy prices, the public continues to be conflicted in its overall approach toward energy and the environment. A majority of Americans say that developing new sources of energy, rather than protecting the environment, is the more important priority for the country. However, when asked specifically about energy policy priorities, 55\% favor more conservation and regulation of energy, compared with $35 \%$ who support expanded energy exploration.

As in recent years, specific policies that address both energy and the environment draw overwhelming support. Nine-in-ten Americans favor requiring better auto fuel efficiency standards, while substantial majorities also support increased federal funding for alternative energy (81\%) and mass

| Differing Priorities for Energy Policy |  |
| :--- | ---: |
| Higher priority for country... | $\%$ |
| Developing new sources of energy | 54 |
| Protecting the environment | 36 |
| Don't know | $\underline{10}$ |
| More important priority | 100 |
| for U.S. energy policy... |  |
| More energy conservation/ regulation | 55 |
| Expand exploration, mining, \& drilling/ |  |
| construction of new power plants | 35 |
| Don't know | $\underline{10}$ |
|  | 100 | transportation (72\%).

By contrast, there is greater division over other energy policies. A majority (57\%) favors increased federal funding on ethanol research, but support has fallen over the past two years (from 67\% in February 2006).

The public continues to be almost evenly split over the idea of promoting more nuclear power (48\% oppose vs. $44 \%$ favor). And a majority (53\%) opposes giving tax cuts to energy companies to do more oil exploration.

With gas prices already high and expected to increase, the public overwhelmingly rejects boosting gas

| Broad Support for Higher Fuel Standards, Alternative Energy Sources |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Favor | Oppose | DK |
| Government energy policies... | \% | \% | \% |
| Require better auto fuel efficiency | 90 | 8 | 2=100 |
| More funding for alternative energy | 81 | 14 | 5=100 |
| More funding for mass transit | 72 | 23 | 5=100 |
| More funding for ethanol research | 57 | 35 | $8=100$ |
| Promote more nuclear power | 44 | 48 | $8=100$ |
| Tax cuts for more oil exploration | 42 | 53 | 5=100 |
| Increase gasoline taxes | 22 | 75 | 3=100 | taxes to encourage carpooling and energy conservation. By greater than three-to-one ( $75 \%$ to $22 \%)$, Americans oppose raising gas taxes.

The latest nationwide survey by the Pew Research Center for the People \& the Press, conducted Feb. 20-24 among 1,508 adults, finds continued public divisions over drilling for oil and gas in the Arctic National Wildlife Refuge. Currently, 50\% oppose drilling in the Alaska
refuge while $42 \%$ are in favor. As recently as September of 2005, 50\% of Americans favored allowing drilling in ANWR, while 42\% were opposed.

## Half Oppose Drilling in ANWR

Opposition to drilling in ANWR is much more widespread among women than men, and among younger people - especially those under age 30 - than among older Americans. About twice as many Republicans as Democrats favor drilling in ANWR (63\% vs. 31\%). Yet both parties are divided ideologically over drilling in the Alaskan wildlife refuge.

Fully 73\% of liberal Democrats, but a much smaller majority of the party's conservatives and moderates (54\%), oppose oil and gas drilling in ANWR. Two-thirds of conservative Republicans (66\%)

| Age and Gender Gaps in Views of Arctic Drilling |  |  |  |
| :---: | :---: | :---: | :---: |
| Total | Favor <br> $\%$ <br> 42 | Oppose <br> $\%$ <br> 50 | $\frac{D K}{\%}$ $8=100$ |
| Men | 51 | 45 | $4=100$ |
| Women | 35 | 55 | $10=100$ |
| 18-29 | 27 | 66 | $7=100$ |
| 30-49 | 40 | 54 | 6=100 |
| 50-64 | 51 | 43 | $6=100$ |
| 65+ | 52 | 34 | $14=100$ |
| Conserv Rep | 66 | 30 | 4=100 |
| Mod/ Lib Rep | 57 | 40 | 3=100 |
| Independent | 41 | 54 | 5=100 |
| Cons/ Mod Dem | 37 | 54 | $9=100$ |
| Liberal Dem | 21 | 73 | 6=100 | favor drilling in the Arctic refuge compared with $57 \%$ of the party's liberal and moderate members.

## Partisans Agree on Some Energy Policies

However, there continues to be substantial agreement across partisan lines on several areas of energy policy. Roughly $90 \%$ of Republicans, Democrats and independents support tougher auto fuel standards, and about $80 \%$ in each group favor more federal funding for research into alternative energy sources, such as wind, solar and hydrogen technology.
Comparable majorities of independents also favor more funding for ethanol research, but support for this policy has slipped among all three groups since February 2006.

| Slight Partisan Differences on Some |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Energy Policies |  |  |  |  |
|  | $\frac{\text { Rep }}{\%}$ | $\frac{\text { Dem }}{\%}$ | $\frac{\text { Ind }}{\%}$ | R-D |
| \%fap |  |  |  |  |
| Better auto fuel efficiency | 91 | 90 | 92 | +1 |
| Funding for alternative energy | 83 | 80 | 83 | +3 |
| Funding for mass transit | 65 | 73 | 76 | -8 |
| Funding for ethanol research | 59 | 56 | 60 | +3 |
| More nuclear power | 59 | 34 | 46 | +25 |
| Tax cuts for oil exploration | 52 | 39 | 39 | +13 |
| Increase gasoline taxes | 15 | 29 | 21 | -14 |

Other energy policies are more divisive. Somewhat more independents (76\%) and Democrats (73\%) than Republicans (65\%) favor increased funding for mass transit, including subway, rail and bus systems. Increased funding for mass transit also wins greater support from
people living in urban (73\%) and suburban areas (74\%) than among those living in rural areas (62\%).

Roughly six-in-ten Republicans (59\%), but just 46\% of independents and 34\% of Democrats, support promoting the increased use of nuclear power. Notably, there also is a substantial gender gap in views on the use of nuclear power: many more men than women support increased use of nuclear energy ( $58 \%$ vs. $31 \%$, respectively).

In addition, far more Republicans (52\%) than Democrats (39\%) favor giving tax cuts to energy companies to spur oil exploration. And while increased gasoline taxes are broadly unpopular, about twice as many Democrats as Republicans favor increasing gas taxes to encourage carpooling and conservation ( $29 \%$ vs. $15 \%$, respectively).

About four-in-ten liberal Democrats, (41\%) support higher gas taxes compared with just $22 \%$ of moderate and conservative Democrats. There also are ideological differences in the GOP over raising gas taxes, with a quarter of moderate and liberal Republicans favoring such an approach compared with $11 \%$ of conservative Republicans.

## Support for Ethanol Research Slips

Although a majority of Americans (57\%) favor increased federal funding for research on ethanol, support has declined 10 points from February 2006. Support for greater funding for ethanol research has declined substantially among college graduates: $56 \%$ favor this research currently, down from 77\% two years ago.

In addition, support for ethanol research has also declined considerably in the Midwest (from 78\% to 63\%) and the South (from 67\% to 53\%), though somewhat less in other regions.

| Fewer Favor Increasing Funding for Ethanol Research |  |  |  |
| :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Feb } \\ 2006 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Feb } \\ 2008 \end{gathered}$ | Change |
| \%favor: | \% | \% |  |
| Total | 67 | 57 | -10 |
| Republican | 72 | 59 | -13 |
| Democrat | 65 | 56 | -9 |
| Independent | 68 | 60 | -8 |
| College grad+ |  | 56 | -21 |
| Some college | 70 | 66 | -4 |
| HS or less | 61 | 55 | -6 |
| East | 67 | 61 | -6 |
| Midwest | 78 | 63 | -15 |
| South | 67 | 53 | -14 |
| West | 57 | 55 | -2 |

## ABOUT THE SURVEY

Results for this survey are based on telephone interviews conducted under the direction of Princeton Survey Research Associates International among a nationwide sample of 1,508 adults, 18 years of age or older, from February 20-24, 2008. The following table shows the error attributable to sampling that would be expected at the $95 \%$ level of confidence for different groups in the survey:

| Group | Sample Size | Plus or minus... |
| :--- | :--- | :--- |
| Total sample | 1,508 | 3.0 percentage points |
| Form 1 sample | 769 | 4.0 percentage points |
| Form 2 sample | 739 | 4.0 percentage points |

In addition to sampling error, one should bear in mind that question wording and practical difficulties in conducting surveys can introduce error or bias into the findings of opinion polls.

## ABOUT THE CENTER

The Pew Research Center for the People \& the Press is an independent opinion research group that studies attitudes toward the press, politics and public policy issues. We are sponsored by The Pew Charitable Trusts and are one of eight projects that make up the Pew Research Center, a nonpartisan "fact tank" that provides information on the issues, attitudes and trends shaping America and the world.

The Center's purpose is to serve as a forum for ideas on the media and public policy through public opinion research. In this role it serves as an important information resource for political leaders, journalists, scholars, and public interest organizations. All of our current survey results are made available free of charge.

All of the Center's research and reports are collaborative products based on the input and analysis of the entire Center staff consisting of:

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# PEW RESEARCH CENTER FOR THE PEOPLE \& THE PRESS <br> LATE FEBRUARY POLITICAL SURVEY <br> FINAL TOPLINE <br> February 20 - February 24, 2008 <br> N = 1,508 

## QUESTIONS 1-62 PREVIOUSLY RELEASED

On a different subject...
ASK FORM 2 ONLY [ $\mathbf{N}=739$ ]:
Q.63F2 Right now, which ONE of the following do you think should be a more important priority for this country... (READ AND ROTATE)?

|  | Mid- |  |  |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: |
|  |  | June | Sept | March | Feb | May |
| 36 | Protecting the environment [OR] | $\underline{2006}$ | $\frac{2005}{36}$ | $\underline{2005}$ | $\underline{2002}$ | $\underline{2001}$ |
| 54 | Developing new sources of energy | 60 | 57 | 49 | 48 | 49 |
| $\frac{10}{100}$ | (DO NOT READ) Don't know/Refused | $\underline{5}$ | $\underline{7}$ | $\underline{9}$ | $\underline{7}$ | $\underline{9}$ |
| 100 | 100 | 100 | 100 | 100 |  |  |

## ASK FORM 1 ONLY [ $\mathbf{N = 7 6 9 ] :}$

Q.64F1 Right now, which ONE of the following do you think should be the more important priority for U.S. energy policy... (READ AND ROTATE; READ RESPONSE NUMBER TO CLARIFY OPTIONS)

|  |  | $\begin{aligned} & \text { June } \\ & 2006 \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Feb } \\ \underline{2006} \\ \hline \end{gathered}$ | Mid-Sept 2005 | $\begin{gathered} \text { Feb } \\ \underline{2002} \\ \hline \end{gathered}$ | $\begin{aligned} & \text { May } \\ & 2001 \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 35 | Expanding exploration, mining and drilling, and the construction of new power plants [OR] | 35 | 41 | 43 | 37 | 44 |
| 55 | More energy conservation and regulation on energy use and prices | 57 | 52 | 48 | 54 | 49 |
| 10 | (DO NOT READ) Don't know/Refused | 8 | 7 | $\underline{9}$ | $\underline{9}$ | 7 |
| 100 |  | 100 | 100 | 100 | 100 | 100 |

ASK ALL:
Q. 65 Would you favor or oppose allowing oil and gas drilling in the Arctic National Wildlife Refuge in Alaska?

|  |  | $\begin{aligned} & \text { May } \\ & 2006 \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Jan } \\ \underline{2006} \\ \hline \end{gathered}$ | Mid- <br> Sept $2005^{1}$ | Late <br> March 2005 | Mid- <br> March 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 42 | Favor | 46 | 44 | 50 | 46 | 42 |
| 50 | Oppose | 44 | 47 | 42 | 49 | 46 |
| 8 | Don't know/Refused | 10 | $\underline{9}$ | 8 | $\underline{5}$ | 12 |
| 100 |  | 100 | 100 | 100 | 100 | 100 |

[^0]
## ASK ALL:

Q. 66 As I read some possible government policies to address America's energy supply, tell me whether you would favor or oppose each. First, would you favor or oppose the government [INSERT ITEM, RANDOMIZE]? How about the government... [INSERT NEXT ITEM]
a. Promoting the increased use of nuclear power February, 2006
Mid-September, 2005
b. Spending more on subway, rail and bus systems February, 2006
Mid-September, 2005

| $\frac{\text { Favor }}{44}$ |  | Oppose <br> 44 | Don’t know/ <br> Refused |
| :---: | :---: | :---: | :---: |
| 44 | 49 |  | $7=100$ |
| 39 | 53 | $8=100$ |  |
|  |  |  |  |
| 72 | 23 | $5=100$ |  |
| 68 | 26 | $6=100$ |  |
| 68 | 27 | $5=100$ |  |
|  |  |  |  |
| 22 | 75 | $3=100$ |  |

## ASK FORM 1 ONLY [ $\mathbf{N = 7 6 9 ] :}$

| d.F1 | Giving tax cuts to energy companies to do more | 42 | 53 |
| :--- | :--- | :--- | :--- |
|  | exploration for oil | 44 | 52 |

## ASK FORM 2 ONLY [ $\mathbf{N = 7 3 9 ] : ~}$

| f.F2 | Increasing federal funding for research on wind, solar | 81 | 14 | $5=100$ |
| :--- | :--- | :--- | :--- | :--- |
| and hydrogen technology |  |  |  |  |
|  | February, 2006 | 82 | 14 | $4=100$ |
|  |  | 57 | 35 | $8=100$ |
| g.F2 | Increasing federal funding for research on ethanol | 67 | 22 | $11=100$ |

## NO QUESTION 67

QUESTIONS 68-81 PREVIOUSLY RELEASED
NO QUESTIONS 82-84
QUESTIONS 85-88 HELD FOR FUTURE RELEASE


[^0]:    1 In Mid-September 2005 and earlier the question was worded "... drilling in the Alaskan Arctic National Wildlife Refuge."

