

© NASA



© Tony Weyiouanna, Sr.

ALASKAN OPINIONS ON GLOBAL WARMING



© Larry Hinzman



© James Higgins



© Anthony Leiserowitz

Principal Investigators¹:

Dr. Anthony Leiserowitz

Decision Research &

The Center for Research on Environmental Decisions (CRED) at Columbia University

Jean Craciun

Craciun Research Group, Inc.

¹ Cite as: Leiserowitz, A., & Craciun, J. (2006). *Alaskan Opinions on Global Warming* (No. 06-10). Eugene: Decision Research. http://www.decisionresearch.org/Projects/Climate_Change/

Alaskan Opinions on Global Warming

Table of Contents

| | |
|--|-----------|
| EXECUTIVE SUMMARY | 3 |
| PUBLIC BELIEFS ABOUT GLOBAL WARMING | 6 |
| <i>Table 1: Is it Happening?</i> | 6 |
| <i>Table 2: Cause of Global Warming</i> | 6 |
| <i>Table 3: Current Impacts</i> | 7 |
| LOCAL CHANGES IN CLIMATE | 8 |
| <i>Table 4: Local Temperatures</i> | 8 |
| <i>Table 5: Cause of Local Temperature Changes</i> | 8 |
| PUBLIC RISK PERCEPTIONS | 9 |
| <i>Table 6: Good or Bad for Alaska</i> | 9 |
| <i>Table 7: Seriousness</i> | 9 |
| <i>Table 8: Timing</i> | 10 |
| <i>Table 9: Likelihood of Impacts on Alaska</i> | 10 |
| POLICY PREFERENCES AND BEHAVIOR | 11 |
| <i>Table 10: Urgency of Action</i> | 11 |
| <i>Table 11: Native Villages and Coastal Erosion</i> | 11 |
| <i>Table 12: Mitigation</i> | 12 |
| <i>Table 13: Trust</i> | 13 |
| <i>Table 14: Individual Behavior</i> | 14 |
| <i>Table 15: Talk about Global Warming</i> | 14 |
| SELECTED RESULTS BY POLITICAL PARTY, POLITICAL IDEOLOGY, AND REGION | 15 |
| PUBLIC BELIEFS ABOUT GLOBAL WARMING | 15 |
| <i>Table 16: Is it Happening?</i> | 15 |
| <i>Table 17: Cause of Global Warming</i> | 16 |
| LOCAL CHANGES IN CLIMATE | 17 |
| <i>Table 18: Local Temperatures</i> | 17 |
| <i>Table 19: Cause of Local Temperature Changes</i> | 18 |
| PUBLIC RISK PERCEPTIONS | 19 |
| <i>Table 20: Good or Bad for Alaska</i> | 19 |
| <i>Table 21: Seriousness – You and Your Family</i> | 20 |
| <i>Table 22: Seriousness – Your Local Community</i> | 21 |
| <i>Table 23: Seriousness – People in Alaska</i> | 22 |
| <i>Table 24: Timing</i> | 23 |
| POLICY PREFERENCES AND BEHAVIOR | 24 |
| <i>Table 25: Urgency of Action</i> | 24 |
| <i>Table 26: Native Villages and Coastal Erosion</i> | 25 |
| <i>Table 27: Mitigation – International Treaties</i> | 26 |
| <i>Table 28: Mitigation – Regulation of Power Plants</i> | 27 |
| <i>Table 29: Political Behavior</i> | 28 |
| METHODOLOGY | 29 |
| DEFINITIONS | 29 |

Executive Summary

A statewide, representative telephone survey entitled “Alaskan Opinions on Global Warming” was conducted with 1,016 Alaskan adults May 9 – June 29, 2006.

The results show that most Alaskans consider global warming a serious threat.

The study, funded by the National Science Foundation, was conducted in Alaska by Craciun Research Group² as part of a scientific study commissioned by Dr. Anthony Leiserowitz of Decision Research³. Highlights of the survey:

- Over 81% of Alaskans are convinced that global warming is happening.
- A majority (55%) believe it is caused primarily by human activities such as the burning of fossil fuels, as opposed to normal cycles in the earth’s environment (37%).
- Most Alaskans believe global warming is already causing or accelerating the loss of sea ice (83%) melting permafrost (82%), coastal erosion (74%), and forest fires (72%) in Alaska, among other impacts.
- A large majority (67%) report that their local temperatures have increased, while 93% of people who have noticed local temperature changes say that global warming is at least partly responsible.
- Two out of three Alaskans (67%) say that global warming will be bad for Alaska, while 26% say it will be good.
- Majorities of Alaskans believe that global warming is a serious threat to themselves and their family (55%), their local community (59%), other countries (68%), Alaska as a whole (71%), the United States (71%), and plants and animals (76%).
- Many (43%) expect that global warming will have dangerous impacts on Alaskans within the next 10 years.
- Majorities expect that over the next 50 years global warming will cause increased flooding of towns and villages (73%), worse storms (68%), fewer salmon (67%), and extinction of the polar bear (65%). Majorities also believe, however, that global warming is likely to provide more comfortable temperatures (73%), and more tourism in Alaska (60%).

² Craciun Research Group, Inc. is a full service market research company committed to excellence in research design and analysis for twenty-six years with offices in Anchorage, Alaska; Washington DC; and Seattle, Washington (www.crgresearch.com).

³ Decision Research is a non-profit, scientific research institute dedicated to helping individuals, industry, government, and society understand and cope with the complex and often risky decisions of modern life (www.decisionresearch.org).

- Nearly all Alaskans (93%) believe global warming is a problem. However, roughly half (48%) believe it is an urgent problem requiring immediate government action while half (45%) believe it is a longer-term problem requiring more study first.
- A plurality of Alaskans (41%) believe the state of Alaska should help native villages facing severe coastal erosion move to safer ground.
- Most Alaskans support the regulation of greenhouse gas emissions from power plants (81%) and the signing of international treaties to reduce emissions (71%), but oppose higher taxes on electricity (71%) or gasoline (69%).
- Alaskans primarily trust their friends and family (86%), scientists (82%), and environmental groups (63%) to tell them the truth about global warming, but distrust President Bush (66%), Alaskan politicians (70%), and corporations (75%).
- Most Alaskans say that, due to their concern about global warming, they are likely to buy energy-efficient appliances (73%) or contact their politicians (60%), while nearly half (48%) say they are likely to join, donate money to, or volunteer with an organization working on issues related to global warming.
- Two-thirds (62%) report that they very often or occasionally talk about global warming with their friends and family.
- Democrats and liberals express stronger concern about global warming than do Republicans and conservatives.
- Alaskans without a party preference and moderates show levels of concern more similar to Democrats and liberals than to Republicans and conservatives.
- Majorities of Republicans and conservatives are convinced that global warming is happening (65% and 68% respectively), will be bad for Alaska (58% and 59%), is a serious threat to people in Alaska (62% and 60%), support international treaties to reduce greenhouse gas emissions (61% and 53%), and support the regulation of greenhouse gas emissions from power plants (82% and 76%).
- Majorities of Republicans and conservatives, however, believe that global warming is caused primarily by natural cycles, is not a serious threat to themselves, their families, or their local communities, and is a longer-term problem requiring more study before government action.
- More Semi-Urban and Rural Alaskans believe that global warming is currently dangerous and a serious threat to themselves, their families, and local communities than do Urban or Northern Urban Alaskans.⁴

⁴ See the “Definitions” section at the end of the report for descriptions of these categories.

Principal Investigators:

Dr. Anthony Leiserowitz is a research scientist at Decision Research and a principal investigator at the Center for Research on Environmental Decisions (CRED) at Columbia University⁵.

Dr. Anthony Leiserowitz
Decision Research
1201 Oak Street
Eugene, OR 97401
tel.: (541) 485-2400
fax: (541) 485-2403
ecotone@uoregon.edu

Jean Craciun is the CEO/President of Craciun Research Group, Inc. (dba nationally as CRG Research); she is a Sociologist and an internationally recognized trainer in the market research industry.

Jean Craciun
Craciun Research Group, Inc.
1334 K. Street, Suite B
Anchorage, Alaska 99501
direct 907.279.3901
main 907.279.3982
fax 907.279.0321
jcraciun@crgresearch.com

Seattle Washington office
600 Stewart Street, Suite 1300
Seattle Washington
tel.: 206-443-8346
fax: 206-382-1338

Washington DC office
1730 Rhode Island Avenue NW, Suite 715
Washington DC 20036
tel.: 202-862-5566
fax: 202-232-0930

⁵ The Center for Research on Environmental Decisions (CRED) is an interdisciplinary center that studies individual and group decision making under climate uncertainty and decision making in the face of environmental risk. CRED's objectives address the human responses to climate change and climate variability as well as improved communication and increased use of scientific information on climate variability and change. Major funding is provided under the cooperative agreement NSF SES-0345840 (www.cred.columbia.edu).

Results

PUBLIC BELIEFS ABOUT GLOBAL WARMING

Table 1: Is it Happening?

“How convinced are you that global warming is happening?”

| | Percent |
|---------------------|---------|
| Convinced (net) | 81 |
| Completely | 43 |
| Mostly | 38 |
| Not convinced (net) | 19 |
| Not very | 14 |
| Not at all | 5 |
| Don't know | 0 |
| Total | 100 |

Table 2: Cause of Global Warming

“If global warming is happening, do you think it is due more to the normal cycles in the Earth’s environment, or more to human activity such as burning fossil fuels?”

| | Percent |
|----------------|---------|
| Human activity | 55 |
| Normal cycles | 37 |
| Don't know | 7 |
| Not happening | 1 |
| Total | 100 |

Table 3: Current Impacts

“Some people say that global warming is already impacting Alaska. Do you strongly agree, somewhat agree, somewhat disagree, or strongly disagree that global warming is already causing or making the following things worse?”

| | Agree (net) | Strongly agree | Somewhat agree | Disagree (net) | Somewhat disagree | Strongly disagree | Don't know | Total |
|-------------------------------------|-------------|----------------|----------------|----------------|-------------------|-------------------|------------|-------|
| Loss of sea ice in the Arctic Ocean | 83 | 53 | 30 | 13 | 8 | 6 | 4 | 100 |
| Melting permafrost | 82 | 53 | 29 | 14 | 7 | 6 | 5 | 100 |
| Coastlines eroding and flooding | 74 | 41 | 34 | 20 | 11 | 9 | 5 | 100 |
| Forest fires | 72 | 41 | 31 | 25 | 15 | 10 | 3 | 100 |
| More unpredictable weather | 70 | 37 | 33 | 28 | 17 | 11 | 2 | 100 |
| Changing bird migrations | 64 | 30 | 34 | 24 | 14 | 11 | 12 | 100 |
| Ice storms and freezing rain | 56 | 21 | 35 | 36 | 20 | 16 | 8 | 100 |

LOCAL CHANGES IN CLIMATE

Table 4: Local Temperatures

“Over the past five years, would you say that average temperatures in your local area have gotten warmer, colder, or stayed about the same?”

| | Percent |
|----------------|---------|
| Warmer | 67 |
| About the same | 21 |
| Colder | 5 |
| Don't know | 7 |
| Total | 100 |

Table 5: Cause of Local Temperature Changes

[IF WARMER OR COLDER IN PREVIOUS QUESTION]

“In your opinion, how much of the change in your local temperatures is due to global warming?”

| | Percent |
|------------|---------|
| All of it | 14 |
| Most of it | 40 |
| Some of it | 39 |
| None | 4 |
| Don't know | 3 |
| Total | 100 |

PUBLIC RISK PERCEPTIONS

Table 6: Good or Bad for Alaska

“Overall, do you think that global warming will be very good, somewhat good, somewhat bad or very bad for Alaska?”

| | Percent |
|---------------|---------|
| Bad (net) | 67 |
| Very bad | 38 |
| Somewhat bad | 29 |
| Good (net) | 26 |
| Somewhat good | 23 |
| Very good | 3 |
| Don't know | 7 |
| Total | 100 |

Table 7: Seriousness

“How serious of a threat is global warming to:”

| | Serious (net) | Very serious | Somewhat serious | Not serious (net) | Not very serious | Not at all serious | Don't know | Total |
|-----------------------------|---------------|--------------|------------------|-------------------|------------------|--------------------|------------|-------|
| Plants and animals | 76 | 47 | 29 | 22 | 13 | 9 | 2 | 100 |
| People in Alaska | 71 | 32 | 39 | 27 | 16 | 12 | 2 | 100 |
| People in the United States | 71 | 29 | 42 | 25 | 14 | 11 | 4 | 100 |
| People in other countries | 68 | 31 | 36 | 24 | 13 | 11 | 8 | 100 |
| Your local community | 59 | 20 | 40 | 39 | 23 | 16 | 2 | 100 |
| You and your family | 55 | 18 | 37 | 44 | 28 | 16 | 1 | 100 |

Table 8: Timing

“When do you think global warming will start to have dangerous impacts on people in Alaska?”

| | Percent |
|---------------------|---------|
| It is dangerous now | 24 |
| In 10 years | 19 |
| In 25 years | 18 |
| In 50 years | 15 |
| In 100 years | 8 |
| Never | 10 |
| Don't know | 6 |
| Total | 100 |

Table 9: Likelihood of Impacts on Alaska

“In Alaska, how likely do you think it is that each of the following will occur, during the next 50 years due to global warming?”

| | Likely (net) | Very likely | Somewhat likely | Unlikely (net) | Somewhat unlikely | Very unlikely | Don't know | Total |
|--|--------------|-------------|-----------------|----------------|-------------------|---------------|------------|-------|
| Permanent loss of summer sea ice in the Arctic Ocean | 78 | 51 | 26 | 19 | 9 | 10 | 4 | 100 |
| More comfortable temperatures | 73 | 27 | 46 | 23 | 13 | 10 | 4 | 100 |
| Flooding of towns and villages | 73 | 39 | 35 | 25 | 11 | 14 | 2 | 100 |
| Worse storms | 68 | 33 | 35 | 30 | 17 | 12 | 3 | 100 |
| Fewer salmon | 67 | 37 | 30 | 26 | 14 | 13 | 7 | 100 |
| Extinction of the polar bear | 65 | 36 | 29 | 29 | 15 | 14 | 6 | 100 |
| Increased rates of disease | 61 | 22 | 39 | 36 | 18 | 18 | 4 | 100 |
| More tourism | 60 | 30 | 30 | 35 | 19 | 16 | 5 | 100 |
| Food shortages | 56 | 20 | 36 | 42 | 22 | 21 | 2 | 100 |

POLICY PREFERENCES AND BEHAVIOR

Table 10: Urgency of Action

“Do you think global warming is an urgent problem that requires immediate government action, or a longer-term problem that requires more study before government action is taken?”

| | Percent |
|---------------------|---------|
| Urgent problem | 48 |
| Longer-term problem | 45 |
| Not a problem | 4 |
| Don't know | 3 |
| Total | 100 |

Table 11: Native Villages and Coastal Erosion

“Four native villages are in imminent danger from coastal erosion and flooding. Do you think the State of Alaska should help to:”

| | Percent |
|--|---------|
| Move these villages to safer ground | 41 |
| Maintain these villages in their current locations | 21 |
| Let the villages take care of themselves | 17 |
| Relocate the people to other parts of Alaska | 15 |
| Don't know | 5 |
| Total | 100 |

Table 12: Mitigation

“For each of the following, please tell me whether you strongly favor, somewhat favor, somewhat oppose, or strongly oppose it as a way for the federal government to try to reduce future global warming.”

| | Favor (net) | Strongly favor | Somewhat favor | Oppose (net) | Somewhat oppose | Strongly oppose | Don't know | Total |
|--|-------------|----------------|----------------|--------------|-----------------|-----------------|------------|-------|
| Regulate greenhouse gas emissions from power plants | 81 | 53 | 28 | 15 | 9 | 6 | 4 | 100 |
| Sign international treaties to reduce greenhouse gas emissions | 71 | 45 | 26 | 23 | 12 | 11 | 6 | 100 |
| Increase taxes on gasoline so people either drive less or buy cars that use less gas | 30 | 14 | 16 | 69 | 11 | 58 | 1 | 100 |
| Increase taxes on electricity so people use less of it | 28 | 10 | 17 | 71 | 16 | 55 | 2 | 100 |

Table 13: Trust

“Do you trust or distrust the following individuals and groups to tell you the truth about global warming -- strongly trust, somewhat trust, somewhat distrust, strongly distrust?”

| | Trust (net) | Strongly trust | Somewhat trust | Distrust (net) | Somewhat distrust | Strongly distrust | Don't know | Total |
|-----------------------------|-------------|----------------|----------------|----------------|-------------------|-------------------|------------|-------|
| Family and friends | 86 | 25 | 62 | 12 | 10 | 2 | 2 | 100 |
| Scientists | 82 | 41 | 41 | 16 | 10 | 6 | 2 | 100 |
| Environmental organizations | 63 | 18 | 45 | 37 | 15 | 22 | 1 | 100 |
| The news media | 48 | 4 | 44 | 52 | 24 | 28 | 1 | 100 |
| Religious organizations | 40 | 6 | 34 | 53 | 23 | 30 | 7 | 100 |
| President George W. Bush | 33 | 6 | 27 | 66 | 17 | 49 | 2 | 100 |
| Alaskan politicians | 29 | 3 | 25 | 70 | 25 | 45 | 2 | 100 |
| Corporations | 23 | 3 | 21 | 75 | 30 | 45 | 2 | 100 |

Table 14: Individual Behavior

“How likely are you to do the following because of your concerns about global warming?”

- Buy energy-efficient appliances (refrigerators, stoves, dishwashers, etc.)
- Make your views on global warming clear to politicians (by writing, telephoning, sending e-mails, signing petitions, etc.)
- Join, donate money to, or volunteer with an organization working on issues related to global warming.

| | Likely (net) | Very likely | Somewhat likely | Unlikely (net) | Somewhat unlikely | Very unlikely | Don't know | Total |
|--------------------------------------|--------------|-------------|-----------------|----------------|-------------------|---------------|------------|-------|
| Buy energy-efficient appliances | 73 | 45 | 28 | 26 | 13 | 13 | 1 | 100 |
| Make your views clear to politicians | 60 | 24 | 35 | 40 | 15 | 25 | 1 | 100 |
| Join, donate money, or volunteer | 48 | 16 | 32 | 51 | 19 | 32 | 1 | 100 |

Table 15: Talk about Global Warming

“How often do you talk about global warming with your friends and family?”

| | Percent |
|--------------|---------|
| Very often | 18 |
| Occasionally | 44 |
| Rarely | 30 |
| Never | 8 |
| Total | 100 |

Selected Results by Political Party, Political Ideology, and Region⁶

PUBLIC BELIEFS ABOUT GLOBAL WARMING

Table 16: Is it Happening?

“How convinced are you that global warming is happening?”

| | | Political Party | | | | Total |
|----------------|----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Respondent is: | Completely convinced | 28.2% | 40.9% | 56.4% | 55.3% | 43.3% |
| | Mostly convinced | 36.9% | 43.3% | 34.9% | 28.2% | 37.7% |
| | Not so convinced | 26.1% | 10.6% | 7.7% | 12.9% | 14.3% |
| | Not at all convinced | 8.4% | 5.2% | .6% | 3.5% | 4.5% |
| | Don't Know | .3% | | .3% | | .2% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|----------------|----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Respondent is: | Completely convinced | 27.2% | 42.6% | 58.7% | 43.5% |
| | Mostly convinced | 40.8% | 41.3% | 31.0% | 37.8% |
| | Not so convinced | 22.3% | 13.5% | 7.4% | 14.0% |
| | Not at all convinced | 9.8% | 2.0% | 2.9% | 4.4% |
| | Don't Know | | .5% | | .2% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|----------------|----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Respondent is: | Completely convinced | 40.5% | 51.0% | 47.2% | 39.0% | 43.3% |
| | Mostly convinced | 36.8% | 32.0% | 40.7% | 45.0% | 37.7% |
| | Not so convinced | 16.5% | 12.4% | 10.3% | 13.0% | 14.2% |
| | Not at all convinced | 6.0% | 4.6% | 1.4% | 3.0% | 4.5% |
| | Don't Know | .2% | | .5% | | .2% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

⁶ See the “Definitions” section at the end of the report for descriptions of these categories.

Table 17: Cause of Global Warming

“If global warming is happening, do you think it is due more to the normal cycles in the Earth’s environment, or more to human activity such as burning fossil fuels?”

| | | Political Party | | | | Total |
|------------------------|------------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Global warming is due: | More to normal cycles | 55.6% | 37.7% | 20.4% | 27.1% | 36.5% |
| | More to human activity | 37.8% | 56.2% | 71.2% | 51.8% | 55.3% |
| | Is not happening | .7% | 1.2% | 2.6% | | 1.4% |
| | Don't know | 5.9% | 4.9% | 5.8% | 21.2% | 6.8% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|------------------------|------------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Global warming is due: | More to normal cycles | 56.0% | 34.5% | 23.5% | 36.9% |
| | More to human activity | 41.0% | 55.0% | 68.5% | 55.5% |
| | Is not happening | .8% | .8% | 2.3% | 1.2% |
| | Don't know | 2.3% | 9.7% | 5.8% | 6.4% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|------------------------|------------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Global warming is due: | More to normal cycles | 38.0% | 47.1% | 29.4% | 27.6% | 36.5% |
| | More to human activity | 53.5% | 45.1% | 62.6% | 66.3% | 55.4% |
| | Is not happening | | 1.3% | 3.7% | 4.1% | 1.4% |
| | Don't know | 8.5% | 6.5% | 4.2% | 2.0% | 6.7% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

LOCAL CHANGES IN CLIMATE

Table 18: Local Temperatures

“Over the past five years, would you say that average temperatures in your local area have gotten warmer, colder, or stayed about the same?”

| | | Political Party | | | | Total |
|-----------------------|-----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Average temperatures: | Are warmer | 58.2% | 74.8% | 75.1% | 83.3% | 71.2% |
| | Colder | 5.5% | 6.0% | 4.6% | 2.6% | 5.1% |
| | Stayed about the same | 35.9% | 18.9% | 17.4% | 14.1% | 22.6% |
| | Don't Know | .4% | .3% | 3.0% | | 1.1% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|-----------------------|-----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Average temperatures: | Are warmer | 58.7% | 72.8% | 80.6% | 71.6% |
| | Colder | 5.5% | 4.7% | 5.2% | 5.1% |
| | Stayed about the same | 35.7% | 20.2% | 13.9% | 22.2% |
| | Don't Know | | 2.3% | .3% | 1.1% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|-----------------------|-----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Average temperatures: | Are warmer | 74.1% | 73.3% | 65.2% | 65.6% | 71.3% |
| | Colder | 3.4% | 3.7% | 6.8% | 11.8% | 5.0% |
| | Stayed about the same | 22.2% | 23.0% | 23.2% | 22.6% | 22.6% |
| | Don't Know | .2% | | 4.8% | | 1.1% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Table 19: Cause of Local Temperature Changes

[IF WARMER OR COLDER IN PREVIOUS QUESTION]
 “In your opinion, how much of the change in your local temperatures is due to global warming?”

| | | Political Party | | | | Total |
|-------------------------------|----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Change due to global warning: | All of it | 9.4% | 14.6% | 16.3% | 14.1% | 13.9% |
| | Most of it | 38.9% | 36.7% | 47.6% | 23.9% | 39.5% |
| | Some of it | 38.3% | 38.6% | 32.5% | 56.3% | 38.2% |
| | None | 8.3% | 7.1% | .8% | 2.8% | 5.0% |
| | Don't Know/No Answer | 5.0% | 3.0% | 2.8% | 2.8% | 3.4% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|-------------------------------|----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Change due to global warning: | All of it | 14.8% | 8.6% | 19.2% | 13.8% |
| | Most of it | 30.2% | 40.2% | 46.2% | 40.0% |
| | Some of it | 43.2% | 41.5% | 31.5% | 38.4% |
| | None | 7.1% | 7.0% | .4% | 4.7% |
| | Don't Know/No Answer | 4.7% | 2.7% | 2.7% | 3.2% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|-------------------------------|----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Change due to global warning: | All of it | 12.7% | 18.2% | 9.9% | 20.8% | 13.8% |
| | Most of it | 36.6% | 36.4% | 46.7% | 46.8% | 39.6% |
| | Some of it | 41.1% | 32.2% | 39.5% | 29.9% | 38.3% |
| | None | 6.9% | 5.8% | 1.3% | | 4.9% |
| | Don't Know/No Answer | 2.6% | 7.4% | 2.6% | 2.6% | 3.4% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

PUBLIC RISK PERCEPTIONS

Table 20: Good or Bad for Alaska

“Overall, do you think that global warming will be very good, somewhat good, somewhat bad or very bad for Alaska?”

| | | Political Party | | | | Total |
|----------------------------------|----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Overall, global warming will be: | Very good | 3.5% | 4.6% | 1.9% | 2.4% | 3.3% |
| | Somewhat good | 29.6% | 21.3% | 18.2% | 22.4% | 22.8% |
| | Somewhat bad | 35.5% | 26.4% | 25.2% | 34.1% | 29.3% |
| | Very bad | 22.6% | 42.2% | 49.5% | 27.1% | 37.7% |
| | Don't Know/No Answer | 8.7% | 5.5% | 5.1% | 14.1% | 7.0% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|----------------------------------|----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Overall, global warming will be: | Very good | 4.5% | 2.1% | 3.2% | 3.1% |
| | Somewhat good | 25.7% | 23.1% | 19.6% | 22.7% |
| | Somewhat bad | 37.4% | 29.0% | 23.5% | 29.5% |
| | Very bad | 21.9% | 39.2% | 50.5% | 38.1% |
| | Don't Know/No Answer | 10.6% | 6.7% | 3.2% | 6.6% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|----------------------------------|----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Overall, global warming will be: | Very good | .7% | 6.6% | 2.3% | 15.2% | 3.3% |
| | Somewhat good | 21.4% | 28.3% | 20.4% | 26.3% | 22.7% |
| | Somewhat bad | 34.2% | 25.7% | 20.8% | 25.3% | 29.2% |
| | Very bad | 35.5% | 31.6% | 50.0% | 32.3% | 37.7% |
| | Don't Know/No Answer | 8.2% | 7.9% | 6.5% | 1.0% | 7.1% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Table 21: Seriousness – You and Your Family

“How serious of a threat is global warming to you and your family?”

| | | Political Party | | | | Total |
|--------|----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Family | Very serious | 10.8% | 19.8% | 22.8% | 17.9% | 18.0% |
| | Somewhat serious | 26.8% | 37.7% | 45.8% | 34.5% | 36.9% |
| | Not very serious | 39.0% | 24.3% | 25.0% | 15.5% | 28.0% |
| | Not at all serious | 23.0% | 17.3% | 4.2% | 29.8% | 15.9% |
| | Don't Know/No Answer | .3% | .9% | 2.2% | 2.4% | 1.3% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|--------|----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Family | Very serious | 9.1% | 19.7% | 24.5% | 18.3% |
| | Somewhat serious | 24.2% | 38.2% | 46.5% | 37.0% |
| | Not very serious | 40.8% | 25.1% | 21.0% | 28.1% |
| | Not at all serious | 25.3% | 14.6% | 7.7% | 15.3% |
| | Don't Know/No Answer | .8% | 2.3% | .3% | 1.2% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|--------|----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Family | Very serious | 13.2% | 15.7% | 26.8% | 29.6% | 18.0% |
| | Somewhat serious | 34.5% | 36.6% | 40.8% | 41.8% | 36.9% |
| | Not very serious | 32.0% | 29.4% | 21.1% | 17.3% | 27.9% |
| | Not at all serious | 19.3% | 17.6% | 8.0% | 11.2% | 15.9% |
| | Don't Know/No Answer | .9% | .7% | 3.3% | | 1.3% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Table 22: Seriousness – Your Local Community

“How serious of a threat is global warming to your local community?”

| | | Political Party | | | | Total |
|-----------------|----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Local community | Very serious | 10.1% | 22.0% | 28.5% | 11.8% | 19.8% |
| | Somewhat serious | 35.5% | 42.4% | 41.0% | 36.5% | 39.5% |
| | Not very serious | 26.1% | 21.6% | 24.4% | 16.5% | 23.3% |
| | Not at all serious | 27.2% | 11.9% | 5.1% | 29.4% | 15.6% |
| | Don't Know/No Answer | 1.0% | 2.1% | 1.0% | 5.9% | 1.8% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|-----------------|----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Local community | Very serious | 10.5% | 19.7% | 29.6% | 20.4% |
| | Somewhat serious | 31.2% | 44.2% | 39.5% | 39.2% |
| | Not very serious | 27.1% | 23.5% | 20.6% | 23.6% |
| | Not at all serious | 30.1% | 10.0% | 9.0% | 15.2% |
| | Don't Know/No Answer | 1.1% | 2.6% | 1.3% | 1.8% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|-----------------|----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Local community | Very serious | 16.3% | 16.2% | 27.9% | 28.3% | 19.9% |
| | Somewhat serious | 39.1% | 40.9% | 38.6% | 40.4% | 39.4% |
| | Not very serious | 24.5% | 20.1% | 24.7% | 19.2% | 23.3% |
| | Not at all serious | 18.8% | 20.1% | 7.0% | 9.1% | 15.6% |
| | Don't Know/No Answer | 1.3% | 2.6% | 1.9% | 3.0% | 1.8% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Table 23: Seriousness – People in Alaska

“How serious of a threat is global warming to people in Alaska?”

| | | Political Party | | | | Total |
|------------------|----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| People in Alaska | Very serious | 20.3% | 31.3% | 45.7% | 26.2% | 32.2% |
| | Somewhat serious | 41.6% | 41.0% | 35.1% | 32.1% | 38.6% |
| | Not very serious | 18.9% | 15.8% | 13.4% | 13.1% | 15.7% |
| | Not at all serious | 18.5% | 9.7% | 2.6% | 27.4% | 11.5% |
| | Don't Know/No Answer | .7% | 2.1% | 3.2% | 1.2% | 2.0% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|------------------|----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| People in Alaska | Very serious | 18.8% | 30.2% | 47.4% | 32.6% |
| | Somewhat serious | 41.0% | 42.5% | 31.3% | 38.5% |
| | Not very serious | 17.7% | 15.6% | 14.8% | 15.9% |
| | Not at all serious | 21.1% | 9.0% | 5.5% | 11.2% |
| | Don't Know/No Answer | 1.5% | 2.8% | 1.0% | 1.9% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|------------------|----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| People in Alaska | Very serious | 31.8% | 27.6% | 35.0% | 35.4% | 32.2% |
| | Somewhat serious | 40.5% | 35.5% | 36.0% | 39.4% | 38.7% |
| | Not very serious | 13.4% | 21.7% | 17.3% | 15.2% | 15.6% |
| | Not at all serious | 13.7% | 13.8% | 5.6% | 9.1% | 11.6% |
| | Don't Know/No Answer | .5% | 1.3% | 6.1% | 1.0% | 1.9% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Table 24: Timing

“When do you think global warming will start to have dangerous impacts on people in Alaska?”

| | | Political Party | | | | Total |
|--------------|----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Alaskans | It is dangerous now | 16.4% | 26.7% | 31.6% | 15.3% | 24.4% |
| | In 10 years | 16.7% | 18.8% | 19.2% | 24.7% | 18.8% |
| | In 25 years | 13.6% | 21.0% | 21.7% | 8.2% | 18.0% |
| | In 50 years | 12.5% | 13.1% | 15.3% | 29.4% | 15.0% |
| | In 100 years | 12.9% | 4.3% | 6.4% | 17.6% | 8.5% |
| | Never | 18.5% | 11.2% | 1.6% | 2.4% | 9.6% |
| | Don't Know/No Answer | 9.4% | 4.9% | 4.2% | 2.4% | 5.7% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|--------------|----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Alaskans | It is dangerous now | 16.6% | 21.8% | 35.6% | 24.8% |
| | In 10 years | 12.1% | 22.8% | 20.1% | 19.0% |
| | In 25 years | 16.2% | 18.5% | 18.4% | 17.8% |
| | In 50 years | 12.8% | 19.0% | 12.3% | 15.1% |
| | In 100 years | 14.7% | 5.6% | 6.5% | 8.4% |
| | Never | 20.0% | 7.2% | 3.2% | 9.4% |
| | Don't Know/No Answer | 7.5% | 5.1% | 3.9% | 5.4% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|--------------|----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Alaskans | It is dangerous now | 20.3% | 17.8% | 37.4% | 30.6% | 24.5% |
| | In 10 years | 18.1% | 21.1% | 15.9% | 26.5% | 18.9% |
| | In 25 years | 16.5% | 19.1% | 17.3% | 26.5% | 18.0% |
| | In 50 years | 15.2% | 12.5% | 18.2% | 10.2% | 14.9% |
| | In 100 years | 10.7% | 11.2% | 2.8% | 4.1% | 8.5% |
| | Never | 12.8% | 11.2% | 3.7% | 1.0% | 9.5% |
| | Don't Know/No Answer | 6.5% | 7.2% | 4.7% | 1.0% | 5.7% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

POLICY PREFERENCES AND BEHAVIOR

Table 25: Urgency of Action

“Do you think global warming is an urgent problem that requires immediate government action, or a longer-term problem that requires more study before government action is taken?”

| | | Political Party | | | | Total |
|--------------------------|-----------------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Global warming requires: | Immediate government action | 28.9% | 51.4% | 62.2% | 44.0% | 47.7% |
| | Longer-term problem | 64.1% | 41.6% | 32.4% | 44.0% | 45.4% |
| | Not a problem | 5.6% | 4.6% | 1.9% | 1.2% | 3.8% |
| | Don't Know/No Answer | 1.4% | 2.4% | 3.5% | 10.7% | 3.2% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|--------------------------|-----------------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Global warming requires: | Immediate government action | 28.7% | 50.0% | 63.3% | 48.4% |
| | Longer-term problem | 61.1% | 44.1% | 32.8% | 45.1% |
| | Not a problem | 8.7% | 1.0% | 2.6% | 3.6% |
| | Don't Know/No Answer | 1.5% | 4.9% | 1.3% | 2.8% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|--------------------------|-----------------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Global warming requires: | Immediate government action | 45.5% | 38.6% | 58.4% | 51.5% | 47.7% |
| | Longer-term problem | 48.2% | 51.0% | 35.0% | 41.4% | 45.2% |
| | Not a problem | 3.3% | 7.8% | 1.9% | 5.1% | 3.8% |
| | Don't Know/No Answer | 3.1% | 2.6% | 4.7% | 2.0% | 3.2% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Table 26: Native Villages and Coastal Erosion

“Four native villages are in imminent danger from coastal erosion and flooding. Do you think the State of Alaska should help to:”

| | | Political Party | | | | Total |
|--------------------------|-----------------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| The State should: | Maintain villages | 19.2% | 28.0% | 17.5% | 10.7% | 20.8% |
| | Move villages | 44.3% | 34.8% | 46.5% | 35.7% | 41.2% |
| | Relocate people | 12.5% | 13.7% | 20.7% | 9.5% | 15.2% |
| | Let villages alone | 21.6% | 19.8% | 8.9% | 25.0% | 17.4% |
| | Don't Know/No Answer | 2.4% | 3.7% | 6.4% | 19.0% | 5.4% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|--------------------------|-----------------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| The State should: | Maintain villages | 21.4% | 20.2% | 21.5% | 21.0% |
| | Move villages | 36.5% | 43.5% | 42.8% | 41.3% |
| | Relocate people | 13.2% | 13.6% | 17.7% | 14.8% |
| | Let villages alone | 25.2% | 14.3% | 14.5% | 17.4% |
| | Don't Know/No Answer | 3.8% | 8.4% | 3.5% | 5.6% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|--------------------------|-----------------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| The State should: | Maintain villages | 13.4% | 13.7% | 33.5% | 46.5% | 20.9% |
| | Move villages | 45.7% | 47.1% | 30.2% | 31.3% | 41.3% |
| | Relocate people | 14.3% | 18.3% | 16.3% | 12.1% | 15.1% |
| | Let villages alone | 19.4% | 11.1% | 19.5% | 10.1% | 17.3% |
| | Don't Know/No Answer | 7.1% | 9.8% | .5% | | 5.4% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Table 27: Mitigation – International Treaties

“For each of the following, please tell me whether you strongly favor, somewhat favor, somewhat oppose, or strongly oppose it as a way for the federal government to try to reduce future global warming:”

“Sign international treaties to reduce greenhouse gas emissions”

| | | Political Party | | | | Total |
|--|----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Sign international treaties to reduce greenhouse gas | Strongly favor | 34.5% | 39.9% | 57.2% | 50.6% | 44.6% |
| | Somewhat favor | 26.5% | 27.4% | 28.1% | 14.1% | 26.3% |
| | Somewhat oppose | 16.7% | 11.9% | 4.5% | 23.5% | 11.9% |
| | Strongly oppose | 19.5% | 9.8% | 4.2% | 11.8% | 11.0% |
| | Don't Know/No Answer | 2.8% | 11.0% | 6.1% | | 6.2% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|--|----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Sign international treaties to reduce greenhouse gas | Strongly favor | 33.5% | 43.2% | 57.1% | 45.0% |
| | Somewhat favor | 19.5% | 33.5% | 23.2% | 26.4% |
| | Somewhat oppose | 17.3% | 11.0% | 9.0% | 12.1% |
| | Strongly oppose | 24.8% | 4.9% | 6.8% | 11.0% |
| | Don't Know/No Answer | 4.9% | 7.4% | 3.9% | 5.6% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|--|----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Sign international treaties to reduce greenhouse gas | Strongly favor | 48.6% | 41.8% | 44.9% | 27.3% | 44.7% |
| | Somewhat favor | 18.1% | 29.4% | 30.8% | 56.6% | 26.2% |
| | Somewhat oppose | 15.8% | 11.1% | 5.6% | 6.1% | 12.0% |
| | Strongly oppose | 12.7% | 13.7% | 6.1% | 6.1% | 10.8% |
| | Don't Know/No Answer | 4.9% | 3.9% | 12.6% | 4.0% | 6.3% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Table 28: Mitigation – Regulation of Power Plants

“Regulate greenhouse gas emissions from power plants.”

| | | Political Party | | | | Total |
|---|----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Regulate greenhouse gas emissions from power plants | Strongly favor | 41.1% | 50.6% | 66.5% | 54.7% | 53.1% |
| | Somewhat favor | 40.4% | 26.4% | 22.4% | 11.6% | 27.9% |
| | Somewhat oppose | 11.1% | 9.4% | 4.2% | 20.9% | 9.3% |
| | Strongly oppose | 6.3% | 7.9% | 3.5% | 9.3% | 6.2% |
| | Don't Know/No Answer | 1.0% | 5.8% | 3.5% | 3.5% | 3.5% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|---|----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Regulate greenhouse gas emissions from power plants | Strongly favor | 41.0% | 52.8% | 66.8% | 54.0% |
| | Somewhat favor | 35.0% | 29.2% | 19.7% | 27.7% |
| | Somewhat oppose | 12.8% | 10.5% | 4.5% | 9.2% |
| | Strongly oppose | 9.4% | 4.4% | 5.8% | 6.2% |
| | Don't Know/No Answer | 1.9% | 3.1% | 3.2% | 2.8% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|---|----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Regulate greenhouse gas emissions from power plants | Strongly favor | 60.5% | 49.7% | 46.3% | 33.3% | 53.2% |
| | Somewhat favor | 20.3% | 32.0% | 33.6% | 50.5% | 27.8% |
| | Somewhat oppose | 12.5% | 8.5% | 3.7% | 4.0% | 9.2% |
| | Strongly oppose | 5.3% | 8.5% | 6.1% | 9.1% | 6.3% |
| | Don't Know/No Answer | 1.4% | 1.3% | 10.3% | 3.0% | 3.4% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Table 29: Political Behavior

“How likely are you to make your views on global warming clear to politicians (by writing, telephoning, sending e-mails, signing petitions, etc.)?”

| | | Political Party | | | | Total |
|--------------------------------------|----------------------|-----------------|----------|-----------|--------|--------|
| | | Republicans | No Party | Democrats | Other | |
| Make your views clear to politicians | Very likely | 18.2% | 19.6% | 35.5% | 21.2% | 24.2% |
| | Somewhat likely | 34.3% | 35.5% | 36.4% | 32.9% | 35.2% |
| | Somewhat unlikely | 19.6% | 17.4% | 9.3% | 8.2% | 14.7% |
| | Very unlikely | 27.6% | 27.2% | 17.9% | 37.6% | 25.3% |
| | Don't Know/No Answer | .3% | .3% | 1.0% | | .5% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Political Ideology | | | Total |
|--------------------------------------|----------------------|--------------------|----------|---------|--------|
| | | Conservative | Moderate | Liberal | |
| Make your views clear to politicians | Very likely | 20.8% | 14.3% | 40.6% | 24.5% |
| | Somewhat likely | 34.3% | 40.4% | 29.4% | 35.2% |
| | Somewhat unlikely | 14.3% | 17.6% | 11.6% | 14.8% |
| | Very unlikely | 30.6% | 27.4% | 17.7% | 25.2% |
| | Don't Know/No Answer | | .3% | .6% | .3% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% |

| | | Region | | | | Total |
|--------------------------------------|----------------------|--------|----------------|------------|--------|--------|
| | | Urban | Northern Urban | Semi-urban | Rural | |
| Make your views clear to politicians | Very likely | 27.9% | 31.4% | 14.5% | 15.0% | 24.3% |
| | Somewhat likely | 36.2% | 29.4% | 36.4% | 34.0% | 35.0% |
| | Somewhat unlikely | 14.5% | 19.6% | 13.1% | 12.0% | 14.7% |
| | Very unlikely | 21.0% | 19.6% | 35.0% | 36.0% | 25.2% |
| | Don't Know/No Answer | .4% | | .9% | 3.0% | .7% |
| Total | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Methodology

These results come from a statewide survey entitled “Alaskan Opinions on Global Warming,” which examined Alaskan risk perceptions, policy preferences, and behaviors regarding global climate change. From May 9 to June 29, 2006, 1,016 adults (18 and older) completed a 25 minute telephone survey, for a CASRO response rate of 74%. If researchers had sought to interview every household in Alaska using the same questionnaire, the findings would differ from these overall survey results by no more than 3.1 percentage points in either direction. For results based on the total sample of respondents, one can say with 95% confidence that the maximum margin of sampling error is +/- 3.1%.

Respondents from rural Alaska were oversampled to enable urban vs. rural and native vs. non-native analyses. The results represent a random sample of Alaska residents and are weighted⁷ to bring them in line with actual population proportions. This material is based upon work supported by the National Science Foundation and the Center for Environmental Decisions (CRED) at Columbia University under Grant No. SES 0345840. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation. The study was commissioned by Decision Research, and conducted by Craciun Research Group, Inc.

Definitions

Political Party

Republicans = individuals who self-identify as Republican or leaning Republican
Democrats = individuals who self-identify as Democratic or leaning Democratic
No Party = individuals who do not identify with either Republicans or Democrats
Other = individuals who self-identify with other parties (e.g., Libertarian, Green, Independent Party)

Political Ideology

Conservatives = self-identified as somewhat or very conservative
Liberals = self-identified as somewhat or very liberal
Moderates = self-identified as moderate, middle of the road

⁷ Weighting causes slight anomalies such as the apparent increase in the total sample from 1016 to 1018.

Region

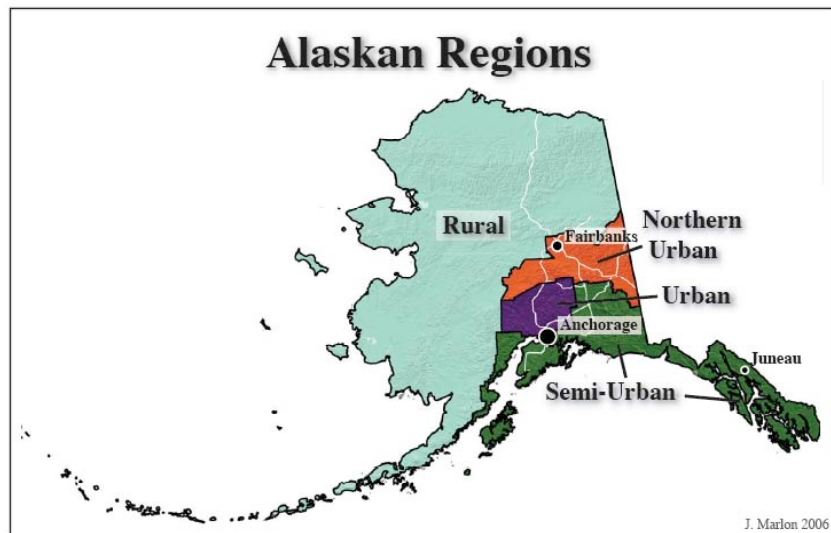
Alaskans can, for the purpose of this study, be grouped into four regions based on the similarity of their lifestyles. Education, income levels, ethnicity, outdoor activities, politics, military service and frequency of attending church vary significantly in the four regions:

Urban, Anchorage and Mat-Su, includes more than half the population of the state.

Most of the households in this area contain people who work at jobs for wages, drive cars, and shop at supermarkets. In this sample, they have the highest median household incomes (\$77,727) of the four areas, and the most college graduates (47%, including 17% post-graduate degrees). Seventy-nine percent (79%) of the population sampled in this area is Caucasian. Most of them (76%) work indoors, and only 12% get half or more of their diet from wild foods gathered by the household. Except for gardening, they are the least likely of those sampled to engage in subsistence or sports activities outdoors. Thirty-two percent (32%) consider themselves at least somewhat conservative politically, and 26% go to religious services weekly.

In the **Northern Urban** region, primarily Fairbanks and surrounding areas, the lifestyle is mostly, but not entirely, tied to roads and the modern mobile economy. They differ from Anchorage, Mat-Su in several respects. The population is much lower, the society more small-town. In the sample for this survey, the median income is lower than Anchorage, Mat-Su at \$56,136. The percentage of college graduates is slightly lower at 37% (including, however, 18% with post-graduate degrees). Seventy-eight percent (78%) are Caucasian. Seventy-two percent (72%) work indoors and 20% get half or more of their diet from wild foods. They differ from Anchorage, Mat-Su in the percentage who engage in outdoor activities; more of them consider fishing, hunting, and picking wild berries important to their lives. Thirty-nine percent (39%) consider themselves conservative and 39% attend religious services weekly.

The **Semi-Urban** region includes the coastal area from Ketchikan in the Southeast to the Kenai Peninsula and Kodiak along the South central coast. Most of the people in these areas are connected by road or ferry and have roads within their locality. Many work for wages and/or do commercial fishing. Those sampled have a median income of \$50,253, and 15% have college degrees. Eighty-five percent (85%) are Caucasian. Half (49%) of them work outdoors, and 49% of the households get half or more of their diet from wild foods. Fishing, hunting and wild berry picking are important to more than



six in ten of these households. Fourteen percent (14%) are conservative politically, and 34% attend religious services weekly.

The mostly **Rural** region is distinguishable from all the others by the lack of roads. The vast area of Western and Northern Alaska is accessible from the population centers only by air. Comparatively few of these people work for wages; most households receive cash only from the State's Permanent Fund and/or dividends from their Native Corporations. These differences from the other areas are reflected in the median income of \$28,060, and in the lower percentage of college graduates (10%). Twenty-seven percent (27%) are Caucasian, 68% Alaska Native. Fifty percent (50%) work outdoors, and 83% of the households get half or more of their diet from subsistence. In this region, with few roads, 82% consider snow machining important to their lives. Thirteen percent (13%) consider themselves politically conservative and 54% attend religious services weekly.