

# GLOBAL WARMING ARIZONA STATE POLL 2014

## Within Arizona Difference Report

STANFORD UNIVERSITY

UNIVERSITY OF ARIZONA

Conducted by Abt SRBI

Interview dates: Nov. 18 to Dec. 9, 2014

Interviews: 803 adults age 18 or older living in Arizona

### Notes:

All results shown are percentages unless otherwise labeled. \* indicates less than 0.5 percent.

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

The percentages may not sum to 100 percent, due to rounding.

Refusals to answer questions are treated as valid data, and are combined with “don’t know”.

## 2014 Arizona Global Warming Poll Method

The 2014 Arizona Global Warming Study, fielded by Abt SRBI for Stanford University and University of Arizona involved telephone interviews with a representative sample of 803 adults living in Arizona. 443 respondents were interviewed on a landline telephone, and 360 were interviewed on a cell phone. Interviewing was conducted from November 18 to December 9, 2014 in English and Spanish. Samples were drawn from both the landline and cell phone RDD frames. Persons with residential landlines were not screened out of the cell phone sample. The landline and cell phone samples were provided by Survey Sampling International.

The target population for the study is non-institutionalized persons age 18 and over, living in Arizona. The survey used an overlapping dual frame random digit dial (RDD) sample design, in which 55% of the interviews were conducted with adults on landlines and 45% were conducted with adults on cell phones. Both the landline and cell phone samples were provided by Survey Sampling International according to Abt SRBI specifications. Numbers for the landline sample were drawn with equal probabilities from active blocks (area code + exchange + two-digit block number) that contained one or more residential directory listings in Arizona. The cellular sample was drawn through a systematic sampling from 1000-blocks in Arizona dedicated to cellular service according to the Telcordia database.

Landline numbers were called as many as 7 times, and cell phone numbers were called as many as 7 times. Each number received at least one daytime call. For the landline sample, the respondent was randomly selected from all of the adults in the household. For the cell sample, interviews were conducted with the person who answered the phone. Interviewers verified that the person was an adult and in a safe place before administering the survey.

The combined sample is weighted to match demographic parameters from the March 2014 Current Population Survey and telephone status parameters from the 2012 National Health Interview Survey. The weighting procedure also accounts for the fact that respondents with both a landline and cell phone have a greater probability of selection. The weight was computed in two stages. The first stage weight adjusts for the factors influencing the probability that a given adult was selected for the survey. Specifically, it accounts for the telephone status of the individual (landline only, cell phone only, or both), the number of eligible landlines, the number of eligible cell phones, the number of eligible adults in the household, the exclusion of “inactive” cell phone numbers based on activity code data, and the relative sizes of the samples drawn from the two frames. The second stage of weighting calibrated sample demographics to estimated population parameters. The sample was calibrated to match adult population parameters for age x gender, education x gender, race/ethnicity, region, and telephone usage in the state of Arizona.

**Each Section is organized as follows:**

Cover page

Significance Test Results

Part I: Trust in Scientists

Part II: Global Warming Happening? How Sure?

Part III: How Serious?

Part IV: Government Action, Regulation, Tax

Part V: Hurt or Help the Economy?

Part VI: More Droughts, Storms, Fires, Heatwaves?

In this document, comparisons that are statistically significant are noted by a blue-colored font.

# GLOBAL WARMING ARIZONA STATE POLL 2014

## Difference Report

### Gender

STANFORD UNIVERSITY  
UNIVERSITY OF ARIZONA  
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Please refer to the exact sample number at the bottom of each table.

The percentages may not sum to 100 percent, due to rounding.

Refusals to answer questions are treated as valid data, and are combined with “don’t know”.

**Significance Test Summary: Gender**

Theme	Question	Significant	Theme	Question	Significant
<b>Trust</b>	Q1	<input type="checkbox"/>	<b>Gov.</b>	Q45	<input checked="" type="checkbox"/>
<b>Happening</b>	Q12	<input type="checkbox"/>	<b>Action</b>	Q25bxaz	<input type="checkbox"/>
	Q13	<input type="checkbox"/>		Q33	<input type="checkbox"/>
	Q13a	<input checked="" type="checkbox"/>		Q33az	<input type="checkbox"/>
	Q13b	<input type="checkbox"/>		Q38	<input type="checkbox"/>
<b>How Serious?</b>	Q15	<input type="checkbox"/>		Q92	<input type="checkbox"/>
	Q16	<input type="checkbox"/>		Q92az	<input type="checkbox"/>
	Q16AZ	<input type="checkbox"/>		Q35_1	<input type="checkbox"/>
	Q17	<input type="checkbox"/>		Q35_2	<input checked="" type="checkbox"/>
	Q18	<input type="checkbox"/>		Q36_1	<input type="checkbox"/>
<b>Economy</b>	Q36b	<input type="checkbox"/>		Q36_2	<input type="checkbox"/>
	Q36baz	<input type="checkbox"/>		Q36_3	<input type="checkbox"/>
	Q36c	<input checked="" type="checkbox"/>		Q36_4	<input type="checkbox"/>
	Q36caz	<input checked="" type="checkbox"/>		Q36_5	<input type="checkbox"/>
	Q36daz	<input type="checkbox"/>		Q36az_1	<input type="checkbox"/>
	Q36eaz	<input checked="" type="checkbox"/>		Q36az_3	<input type="checkbox"/>
<b>Impacts</b>	Q47a	<input type="checkbox"/>		Q36az_4	<input type="checkbox"/>
	Q47b	<input checked="" type="checkbox"/>	Q36az_5	<input type="checkbox"/>	
	Q47c	<input type="checkbox"/>			
	Q47d	<input type="checkbox"/>			

*Note:* Presented are the results of testing whether the distribution of responses for each of the selected survey questions differed between male respondents and female respondents. A check in the box in the column “Significant” indicates that distribution of responses for the question differed between male respondents and female respondents at  $p < .05$  level.

## Part I. Trust in Scientists

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

Q1	MALE	FEMALE
Completely	10	7
A lot	21	26
A moderate amount	35	41
A little	26	20
Not at all	7	6
Don't know/Refused	2	0
Total	100	100
N	401	402

## Part II. Global Warming Happening? How Sure?

- Q12. What is your personal opinion? Do you think that the world's temperature probably has been going up *slowly* over the past 100 years, or do you think this probably has not been happening?

Q12	MALE	FEMALE
Has been happening	75	73
Has not been happening	21	24
Don't know/Refused	3	3
Total	100	100
N	401	402

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

Q13A/B	MALE	FEMALE
Extremely sure	21	20
Very sure	33	27
Somewhat sure	37	43
Not sure at all	9	9
Don't know/Refused	0	0
Total	100	100
N	387	390

Q13A "HAS BEEN HAPPENING"	MALE	FEMALE
Extremely sure	22	19
Very sure	35	29
Somewhat sure	34	46
Not sure at all	9	6
Don't know/Refused	1	0
Total	100	100
N	301	293

Q13B "HAS NOT BEEN HAPPENING"	MALE	FEMALE
Extremely sure	19	23
Very sure	29	24
Somewhat sure	46	33
Not sure at all	7	20
Don't know/Refused	0	1
Total	100	100
N	86	98

### Part III. How Serious?

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

Q15A/B/C	MALE	FEMALE
Very serious	44	57
Somewhat serious	29	23
Not so serious	13	10
Not serious at all	12	9
Don't know/Refused	1	1
Total	100	100
N	401	402

Q16. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE WORLD – very serious, somewhat serious, not so serious, or not serious at all?

Q16A/B/C	MALE	FEMALE
Very serious	55	60
Somewhat serious	23	25
Not so serious	10	9
Not serious at all	11	5
Don't know/Refused	1	1
Total	100	100
N	401	402

Q16\_AZ. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for Arizona – very serious, somewhat serious, not so serious, or not serious at all?

Q16_AZ	MALE	FEMALE
Very serious	48	59
Somewhat serious	25	22
Not so serious	14	11
Not serious at all	11	8
Don't know/Refused	1	1
Total	100	100
N	401	402

Q17A/B. If nothing is done to reduce global warming in the future, how do you think it will hurt you personally—a great deal, a lot, a moderate amount, a little or not at all?

Q17	MALE	FEMALE
A great deal	23	24
A lot	16	25
A moderate amount	22	21
A little	14	13
Not at all	25	17
Don't know/Refused	1	1
Total	100	100
N	401	402

Q18A/B. If nothing is done to reduce global warming in the future, how much do you think it will hurt future generations—a great deal, a lot, a moderate amount, a little, or not at all?

Q18	MALE	FEMALE
A great deal	44	51
A lot	16	20
A moderate amount	16	14
A little	11	6
Not at all	12	9
Don't know/Refused	1	1
Total	100	100
N	401	402

## Part IV. Gov. Action, Regulation, Tax

### A. General Action

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

Q45	MALE	FEMALE
Only if other countries do	17	12
Take action even if other countries do less	64	75
Not take action at all	17	11
Don't know/Refused	2	1
Total	100	100
N	401	402

Q25bx\_az. Do you think Arizona governments should take action to reduce future global warming only if most other states do equally effective things, or Arizona governments should take action to reduce future global warming even if most other states do less?



Q25BX_AZ	MALE	FEMALE
Only if most other states do	19	20
Take action even if most other states do less	76	80
Don't know/Refused	4	0
Total	100	100
N	155	134

### **B. Limiting GHG**

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

Q33	MALE	FEMALE
Government should limit	74	77
Government should not limit	24	18
Don't know/Refused	2	5
Total	100	100
N	401	402

Q33\_AZ. In your opinion, do you think the Arizona state government should or should not limit the amount of greenhouse gases that Arizona businesses put out?

Q33_AZ	MALE	FEMALE
Government should limit	73	79
Government should not limit	25	19
Don't know/Refused	2	2
Total	100	100
N	401	402

Q38. There's a proposed system called "cap and trade." The government would sell permits to companies limiting the amount of greenhouse gases they can put out. Companies that do not use all their permits could sell them to other companies. Companies that need more permits can buy them, or these companies can pay money to reduce the amount of greenhouse gases that other people or organizations put out. Economists say that this system is likely to cause companies to figure out the cheapest way to reduce greenhouse gas emissions. The money the government makes from selling the permits would be returned to all Americans equally by reducing the amount of income taxes they pay. Would you favor or oppose this cap and trade system?

Q38	MALE	FEMALE
Favor	58	62
Oppose	36	35
Don't know/Refused	6	3
Total	100	100
N	401	402

Q92. If the federal government requires companies that make electricity to pay a fee for every ton of greenhouse gases they put out, the power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. Do you favor or oppose the government charging this fee to companies that make electricity?

Q92A. If the federal government requires companies that make electricity to pay a fee for every ton of greenhouse gases they put out, the power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. The money the government makes from these fees would be returned to all Americans equally by reducing the amount of income taxes they pay. Do you favor or oppose the government charging this fee to companies that make electricity?

Q92	MALE	FEMALE
Favor	51	53
Oppose	46	45
Don't know/Refused	3	3
Total	100	100
N	401	402

Q92\_AZ. If the Arizona state government requires Arizona companies that make electricity to pay a fee for every ton of greenhouse gases they put out, Arizona power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. Do you favor or oppose the Arizona state government charging this fee to Arizona companies that make electricity?

Q92A\_AZ. If the Arizona state government requires Arizona companies that make electricity to pay a fee for every ton of greenhouse gases they put out, Arizona power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. The money that the Arizona state government makes from these fees would be returned to all people in Arizona equally, by reducing the amount of income taxes they pay. Do you favor or oppose the Arizona state government charging this fee to Arizona companies that make electricity?

Q92_AZ	MALE	FEMALE
Favor	54	61
Oppose	44	38
Don't know/Refused	1	2
Total	100	100
N	401	402

### ***C. Tax Break and/or Regulation***

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

Q35\_1: do you favor or oppose the federal government giving companies tax breaks to build nuclear power plants?

Q35_1	MALE	FEMALE
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Favor	43	35
Oppose	53	61
Don't know/Refused	4	4
Total	100	100
N	401	402

Q35\_2: do you favor or oppose the federal government giving companies tax breaks to produce more electricity from water, wind, and solar power?

Q35_2	MALE	FEMALE
Favor	74	82
Oppose	25	17
Don't know/Refused	0	1
Total	100	100
N	401	402

Q36. For the next items, please tell me for each one whether it's something the government should require by law, encourage with tax breaks but not require, or stay out of entirely. Each of these changes would increase the amount of money that you pay for things you buy.

Q36\_1: Building cars that use less gasoline?

Q36_1	MALE	FEMALE
Require by law	31	32
Encourage by tax breaks	36	41
Stay out of entirely	32	26
Don't know/Refused	1	1
Total	100	100
N	401	402

Q36\_2: Building cars that run completely on electricity?

Q36_2	MALE	FEMALE
Require by law	13	15
Encourage by tax breaks	45	44
Stay out of entirely	41	39
Don't know/Refused	1	2
Total	100	100
N	401	402

Q36\_3: Building air conditioners, refrigerators, and other appliances that use less electricity?

Q36_3	MALE	FEMALE
Require by law	25	31
Encourage by tax breaks	42	43
Stay out of entirely	33	26
Don't know/Refused	1	1
Total	100	100
N	401	402

Q36\_4: Building new homes and offices that use less energy for heating and cooling?

Q36_4	MALE	FEMALE
Require by law	24	26
Encourage by tax breaks	47	47
Stay out of entirely	28	27
Don't know/Refused	1	0
Total	100	100
N	401	402

Q36\_5: Lowering the amount of greenhouse gases that power plants are allowed to release into the air?

Q36_5	MALE	FEMALE
Require by law	53	56
Encourage by tax breaks	24	27
Stay out of entirely	21	15
Don't know/Refused	2	2
Total	100	100
N	401	402

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

Q36\_AZ\_1: Building cars to be sold in Arizona that use less gasoline?

Q36_AZ_1	MALE	FEMALE
Require by law	26	33
Encourage by tax breaks	42	44
Stay out of entirely	31	23
Don't know/Refused	1	1
Total	100	100
N	401	402

Q36\_AZ\_3: Building air conditioners, refrigerators, and other appliances to be sold in Arizona that use less electricity?

Q36_AZ_3	MALE	FEMALE
Require by law	27	31
Encourage by tax breaks	45	46
Stay out of entirely	28	23
Don't know/Refused	0	0
Total	100	100
N	401	402

Q36\_AZ\_4: Building new homes and offices in Arizona that use less energy for heating and cooling?

Q36_AZ_4	MALE	FEMALE
Require by law	25	33
Encourage by tax breaks	46	45
Stay out of entirely	29	22
Don't know/Refused	0	0
Total	100	100
N	401	402

Q36\_A5: Lowering the amount of greenhouse gases that power plants in Arizona are allowed to release into the air?

Q36_AZ_5	MALE	FEMALE
Require by law	52	56
Encourage by tax breaks	24	29
Stay out of entirely	24	15
Don't know/Refused	0	1
Total	100	100
N	401	402

## Part V. Hurt or Help the Economy?

Q36B<sup>1</sup>. Do you think that the United States doing things to reduce global warming in the future would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36B1. Do you think that the United States doing things to reduce global warming in the future would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

Q36B/B1	MALE	FEMALE
Hurt the U.S. economy	38	33
Help the U.S. economy	34	40
Would not affect	25	22
Don't know/Refused	4	5
Total	100	100
N	401	402

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

Q36B1\_AZ. Do you think that the United States doing things to reduce global warming in the future would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36B_AZ/B1_AZ	MALE	FEMALE
Hurt the economy in Arizona	30	30
Help the economy in Arizona	38	41
Would not affect	30	24
Don't know/Refused	2	4

<sup>1</sup> Half of the sample (selected randomly) was asked Q36B, and the other half of the sample was asked Q36B1.

Total	100	100
N	401	402

Q36C. Do you think that the United States doing things to prepare for the effects of global warming would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36C1. Do you think that the United States doing things to prepare for the effects of global warming would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

Q36C/C1	MALE	FEMALE
Hurt the U.S. economy	28	23
Help the U.S. economy	38	48
Would not affect	32	25
Don't know/Refused	2	4
Total	100	100
N	401	402

Q36C\_AZ. Do you think that the United States doing things to prepare for the effects of global warming would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36C1\_AZ. Do you think that the United States doing things to prepare for the effects of global warming would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36C_AZ/C1_AZ	MALE	FEMALE
Hurt the economy in Arizona	29	20
Help the economy in Arizona	39	48
Would not affect	30	29
Don't know/Refused	2	4
Total	100	100
N	401	402

Q36D\_AZ. Do you think that the Arizona governments doing things to reduce global warming in the future would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36D1\_AZ. Do you think that the Arizona governments doing things to reduce global warming in the future would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36D_AZ/D1_AZ	MALE	FEMALE
Hurt the economy in Arizona	26	20
Help the economy in Arizona	44	53
Would not affect	27	24
Don't know/Refused	3	3
Total	100	100
N	401	402

Q36E\_AZ. Do you think that the Arizona governments doing things to prepare for the effects of global warming would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36E1\_AZ. Do you think that the Arizona governments doing things to prepare for the effects of global warming would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36E_AZ/E1_AZ	MALE	FEMALE
Hurt the economy in Arizona	25	16
Help the economy in Arizona	42	51
Would not affect	30	30
Don't know/Refused	2	4
Total	100	100
N	401	402

## Part VI. More Droughts, Storms, Fires, Heatwaves?

Q46/47A. Do you think global warming is causing there to be more droughts, is causing there to be fewer droughts, or is global warming not affecting the number of droughts?

Do you think global warming has caused there to be more droughts, has caused there to be fewer droughts, or has global warming not affected the number of droughts?

Q46A	MALE	FEMALE
More droughts	60	71
Fewer droughts	5	3
Not affecting	30	23
Don't know/Refused	5	4
Total	100	100
N	401	402

Q46/47B. Do you think global warming is causing there to be more storms, is causing there to be fewer storms, or is global warming not affecting the number of storms?

Do you think global warming has caused there to be more storms, has caused there to be fewer storms, or has global warming not affected the number of storms?

Q46B	MALE	FEMALE
More storms	52	64
Fewer storms	12	7
Not affecting	32	26
Don't know/Refused	4	3
Total	100	100
N	401	402

Q47C\_AZ. Do you think global warming has caused there to be more forest fires in Arizona, has caused there to be fewer forest fires in Arizona, or has global warming not affected the number of forest fires in Arizona?

Q47C_AZ	MALE	FEMALE
More forest fires	52	58

Fewer forest fires	1	3
Not affecting	44	37
Don't know/Refused	3	3
Total	100	100
N	401	402

Q47D\_AZ. Do you think global warming has caused there to be more days with average temperatures above 100 degrees Fahrenheit in Arizona, has caused there to be fewer days with average temperatures above 100 degrees Fahrenheit in Arizona, or has global warming not affected the number of days with average temperatures above 100 degrees Fahrenheit in Arizona?

Q47D_AZ	MALE	FEMALE
More days	63	68
Fewer days	3	3
Not affecting	30	27
Don't know/Refused	4	2
Total	100	100
N	401	402



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### Ethnicity

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<b>Trust</b>	Q1	<input type="checkbox"/>	<b>Gov.</b>	Q45	<input checked="" type="checkbox"/>
<b>Happening</b>	Q12	<input type="checkbox"/>	<b>Action</b>	Q25bxaz	<input type="checkbox"/>
	Q13	<input type="checkbox"/>		Q33	<input checked="" type="checkbox"/>
	Q13a	<input type="checkbox"/>		Q33az	<input checked="" type="checkbox"/>
	Q13b	<input type="checkbox"/>		Q38	<input checked="" type="checkbox"/>
<b>How Serious?</b>	Q15	<input checked="" type="checkbox"/>		Q92	<input type="checkbox"/>
	Q16	<input checked="" type="checkbox"/>		Q92az	<input type="checkbox"/>
	Q16AZ	<input type="checkbox"/>		Q35_1	<input type="checkbox"/>
	Q17	<input checked="" type="checkbox"/>		Q35_2	<input type="checkbox"/>
	Q18	<input checked="" type="checkbox"/>		Q36_1	<input checked="" type="checkbox"/>
<b>Economy</b>	Q36b	<input type="checkbox"/>		Q36_2	<input checked="" type="checkbox"/>
	Q36baz	<input type="checkbox"/>		Q36_3	<input checked="" type="checkbox"/>
	Q36c	<input checked="" type="checkbox"/>		Q36_4	<input checked="" type="checkbox"/>
	Q36caz	<input type="checkbox"/>		Q36_5	<input checked="" type="checkbox"/>
	Q36daz	<input checked="" type="checkbox"/>		Q36az_1	<input checked="" type="checkbox"/>
	Q36eaz	<input checked="" type="checkbox"/>		Q36az_3	<input checked="" type="checkbox"/>
<b>Impacts</b>	Q47a	<input checked="" type="checkbox"/>	Q36az_4	<input checked="" type="checkbox"/>	
	Q47b	<input checked="" type="checkbox"/>	Q36az_5	<input checked="" type="checkbox"/>	
	Q47c	<input checked="" type="checkbox"/>			
	Q47d	<input checked="" type="checkbox"/>			

*Note:* Presented are the results of testing whether the distribution of responses for each of the selected survey questions differed among Hispanic respondents, non-Hispanic white respondents and non-Hispanic other race respondents. A check in the box in the column “Significant” indicates that distribution of responses for the question differed among Hispanic respondents, non-Hispanic white respondents and non-Hispanic other race respondents at  $p < .05$  level.

## Part I. Trust in Scientists

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

Q1	WHITE	HISPANIC	OTHER
Completely	8	10	5
A lot	25	21	23
A moderate amount	40	38	28
A little	19	24	33
Not at all	6	6	9
Don't know/Refused	1	1	2
Total	100	100	100
N	438	264	101

## Part II. Global Warming Happening? How Sure?

- Q12. What is your personal opinion? Do you think that the world's temperature probably has been going up *slowly* over the past 100 years, or do you think this probably has not been happening?

Q12	WHITE	HISPANIC	OTHER
Has been happening	71	82	67
Has not been happening	26	15	30
Don't know/Refused	3	3	3
Total	100	100	100
N	438	264	101

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

Q13A/B	WHITE	HISPANIC	OTHER
Extremely sure	22	21	14
Very sure	31	31	25
Somewhat sure	37	42	47
Not sure at all	10	5	13
Don't know/Refused	0	1	0
Total	100	100	100
N	425	255	98

Q13A "HAS BEEN HAPPENING"	WHITE	HISPANIC	OTHER
Extremely sure	23	19	9
Very sure	29	37	30
Somewhat sure	38	40	52
Not sure at all	10	3	9
Don't know/Refused	0	1	0
Total	100	100	100
N	311	215	67

Q13B "HAS NOT BEEN HAPPENING"	WHITE	HISPANIC	OTHER
Extremely sure	17	29	26
Very sure	37	3	16
Somewhat sure	34	55	35
Not sure at all	11	12	23
Don't know/Refused			
Total	100	100	100
N	113	40	31

### Part III. How Serious?

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

Q15A/B/C	WHITE	HISPANIC	OTHER
Very serious	41	66	54
Somewhat serious	31	22	18
Not so serious	13	9	13
Not serious at all	15	3	13
Don't know/Refused	1	0	2
Total	100	100	100
N	438	264	101

Q16. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE WORLD – very serious, somewhat serious, not so serious, or not serious at all?

Q16A/B/C	WHITE	HISPANIC	OTHER
Very serious	48	77	48
Somewhat serious	29	14	31
Not so serious	9	8	14
Not serious at all	13	1	5
Don't know/Refused	2	0	2
Total	100	100	100
N	438	264	101

Q16\_AZ. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for Arizona – very serious, somewhat serious, not so serious, or not serious at all?

Q16_AZ	WHITE	HISPANIC	OTHER
Very serious	45	67	54
Somewhat serious	25	19	26
Not so serious	15	11	8
Not serious at all	13	3	10
Don't know/Refused	1	0	2
Total	100	100	100
N	438	264	101

Q17A/B. If nothing is done to reduce global warming in the future, how do you think it will hurt you personally—a great deal, a lot, a moderate amount, a little or not at all?

Q17	WHITE	HISPANIC	OTHER
A great deal	16	37	20
A lot	14	29	21
A moderate amount	24	18	19
A little	15	11	12
Not at all	30	4	26
Don't know/Refused	1	1	2
Total	100	100	100
N	438	264	101

Q18A/B. If nothing is done to reduce global warming in the future, how much do you think it will hurt future generations—a great deal, a lot, a moderate amount, a little, or not at all?

Q18	WHITE	HISPANIC	OTHER
A great deal	40	58	48
A lot	14	23	19
A moderate amount	19	10	11
A little	11	5	8
Not at all	15	3	12
Don't know/Refused	1	1	2
Total	100	100	100
N	438	264	101

## Part IV. Gov. Action, Regulation, Tax

### A. General Action

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

Q45	WHITE	HISPANIC	OTHER
Only if other countries do	13	16	22
Take action even if other countries do less	65	80	61
Not take action at all	20	3	18
Don't know/Refused	2	1	0
Total	100	100	100
N	438	264	101

Q25bx\_az. Do you think Arizona governments should take action to reduce future global warming only if most other states do equally effective things, or Arizona governments should take action to reduce future global warming even if most other states do less?

Q25BX_AZ	WHITE	HISPANIC	OTHER
Only if most other states do	20	18	18

Take action even if most other states do less	76	82	76
Don't know/Refused	3	0	6
Total	100	100	100
N	177	108	33

**B. Limiting GHG**

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

Q33	WHITE	HISPANIC	OTHER
Government should limit	70	85	71
Government should not limit	26	12	26
Don't know/Refused	4	2	2
Total	100	100	100
N	438	264	101

Q33\_AZ. In your opinion, do you think the Arizona state government should or should not limit the amount of greenhouse gases that Arizona businesses put out?

Q33_AZ	WHITE	HISPANIC	OTHER
Government should limit	69	90	69
Government should not limit	29	9	27
Don't know/Refused	2	1	3
Total	100	100	100
N	438	264	101

Q38. There's a proposed system called "cap and trade." The government would sell permits to companies limiting the amount of greenhouse gases they can put out. Companies that do not use all their permits could sell them to other companies. Companies that need more permits can buy them, or these companies can pay money to reduce the amount of greenhouse gases that other people or organizations put out. Economists say that this system is likely to cause companies to figure out the cheapest way to reduce greenhouse gas emissions. The money the government makes from selling the permits would be returned to all Americans equally by reducing the amount of income taxes they pay. Would you favor or oppose this cap and trade system?

Q38	WHITE	HISPANIC	OTHER
Favor	57	69	53
Oppose	40	24	45
Don't know/Refused	3	7	2
Total	100	100	100
N	438	264	101

Q92. If the federal government requires companies that make electricity to pay a fee for every ton of greenhouse gases they put out, the power companies may find ways to reduce the amount of

greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. Do you favor or oppose the government charging this fee to companies that make electricity?

Q92A. If the federal government requires companies that make electricity to pay a fee for every ton of greenhouse gases they put out, the power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. The money the government makes from these fees would be returned to all Americans equally by reducing the amount of income taxes they pay. Do you favor or oppose the government charging this fee to companies that make electricity?

Q92	WHITE	HISPANIC	OTHER
Favor	48	60	49
Oppose	49	37	51
Don't know/Refused	3	3	0
Total	100	100	100
N	438	264	101

Q92\_AZ. If the Arizona state government requires Arizona companies that make electricity to pay a fee for every ton of greenhouse gases they put out, Arizona power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. Do you favor or oppose the Arizona state government charging this fee to Arizona companies that make electricity?

Q92A\_AZ. If the Arizona state government requires Arizona companies that make electricity to pay a fee for every ton of greenhouse gases they put out, Arizona power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. The money that the Arizona state government makes from these fees would be returned to all people in Arizona equally, by reducing the amount of income taxes they pay. Do you favor or oppose the Arizona state government charging this fee to Arizona companies that make electricity?

Q92_AZ	WHITE	HISPANIC	OTHER
Favor	52	64	64
Oppose	46	35	35
Don't know/Refused	2	1	0
Total	100	100	100
N	438	264	101

### C. Tax Break and/or Regulation

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

Q35\_1: do you favor or oppose the federal government giving companies tax breaks to build nuclear power plants?

Q35_1	WHITE	HISPANIC	OTHER
Favor	46	37	16
Oppose	51	57	79

Don't know/Refused	3	6	5
Total	100	100	100
N	438	264	101

Q35\_2: do you favor or oppose the federal government giving companies tax breaks to produce more electricity from water, wind, and solar power?

Q35_2	WHITE	HISPANIC	OTHER
Favor	73	88	70
Oppose	26	11	28
Don't know/Refused	1	1	2
Total	100	100	100
N	438	264	101

Q36. For the next items, please tell me for each one whether it's something the government should require by law, encourage with tax breaks but not require, or stay out of entirely. Each of these changes would increase the amount of money that you pay for things you buy.

Q36\_1: Building cars that use less gasoline?

Q36_1	WHITE	HISPANIC	OTHER
Require by law	23	47	24
Encourage by tax breaks	43	32	38
Stay out of entirely	33	21	36
Don't know/Refused	1	0	2
Total	100	100	100
N	438	264	101

Q36\_2: Building cars that run completely on electricity?

Q36_2	WHITE	HISPANIC	OTHER
Require by law	6	23	25
Encourage by tax breaks	51	40	31
Stay out of entirely	43	35	42
Don't know/Refused	1	3	2
Total	100	100	100
N	438	264	101

Q36\_3: Building air conditioners, refrigerators, and other appliances that use less electricity?

Q36_3	WHITE	HISPANIC	OTHER
Require by law	17	46	27
Encourage by tax breaks	47	35	43
Stay out of entirely	36	19	29
Don't know/Refused	1	0	2
Total	100	100	100
N	438	264	101



Q36\_4: Building new homes and offices that use less energy for heating and cooling?

Q36_4	WHITE	HISPANIC	OTHER
Require by law	16	40	24
Encourage by tax breaks	52	40	45
Stay out of entirely	32	19	29
Don't know/Refused	0	1	2
Total	100	100	100
N	438	264	101

Q36\_5: Lowering the amount of greenhouse gases that power plants are allowed to release into the air?

Q36_5	WHITE	HISPANIC	OTHER
Require by law	46	68	55
Encourage by tax breaks	29	20	22
Stay out of entirely	23	8	20
Don't know/Refused	1	3	2
Total	100	100	100
N	438	264	101

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

Q36\_AZ\_1: Building cars to be sold in Arizona that use less gasoline?

Q36_AZ_1	WHITE	HISPANIC	OTHER
Require by law	17	49	30
Encourage by tax breaks	48	36	36
Stay out of entirely	34	14	31
Don't know/Refused	1	0	2
Total	100	100	100
N	438	264	101

Q36\_AZ\_3: Building air conditioners, refrigerators, and other appliances to be sold in Arizona that use less electricity?

Q36_AZ_3	WHITE	HISPANIC	OTHER
Require by law	18	50	26
Encourage by tax breaks	51	38	41
Stay out of entirely	31	13	31
Don't know/Refused	0	0	2
Total	100	100	100
N	438	264	101

Q36\_AZ\_4: Building new homes and offices in Arizona that use less energy for heating and cooling?

Q36_AZ_4	WHITE	HISPANIC	OTHER
Require by law	19	45	27
Encourage by tax breaks	48	43	44
Stay out of entirely	32	13	28
Don't know/Refused	0	0	2
Total	100	100	100
N	438	264	101

Q36\_A5: Lowering the amount of greenhouse gases that power plants in Arizona are allowed to release into the air?

Q36_AZ_5	WHITE	HISPANIC	OTHER
Require by law	44	68	58
Encourage by tax breaks	30	22	21
Stay out of entirely	26	10	19
Don't know/Refused	1	0	2
Total	100	100	100
N	438	264	101

## Part V. Hurt or Help the Economy?

Q36B<sup>2</sup>. Do you think that the United States doing things to reduce global warming in the future would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36B1. Do you think that the United States doing things to reduce global warming in the future would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

Q36B/B1	WHITE	HISPANIC	OTHER
Hurt the U.S. economy	39	27	40
Help the U.S. economy	35	44	30
Would not affect	23	24	27
Don't know/Refused	3	6	3
Total	100	100	100
N	438	264	101

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

Q36B1\_AZ. Do you think that the United States doing things to reduce global warming in the future would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36B_AZ/B1_AZ	WHITE	HISPANIC	OTHER
Hurt the economy in Arizona	35	18	35
Help the economy in Arizona	36	48	32
Would not affect	27	27	30
Don't know/Refused	1	6	3
Total	100	100	100

<sup>2</sup> Half of the sample (selected randomly) was asked Q36B, and the other half of the sample was asked Q36B1.

Q36C. Do you think that the United States doing things to prepare for the effects of global warming would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36C1. Do you think that the United States doing things to prepare for the effects of global warming would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

Q36C/C1	WHITE	HISPANIC	OTHER
Hurt the U.S. economy	31	17	27
Help the U.S. economy	38	50	45
Would not affect	30	29	24
Don't know/Refused	2	4	4
Total	100	100	100
N	438	264	101

Q36C\_AZ. Do you think that the United States doing things to prepare for the effects of global warming would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36C1\_AZ. Do you think that the United States doing things to prepare for the effects of global warming would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36C_AZ/C1_AZ	WHITE	HISPANIC	OTHER
Hurt the economy in Arizona	28	17	25
Help the economy in Arizona	38	51	44
Would not affect	31	27	27
Don't know/Refused	2	5	3
Total	100	100	100
N	438	264	101

Q36D\_AZ. Do you think that the Arizona governments doing things to reduce global warming in the future would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36D1\_AZ. Do you think that the Arizona governments doing things to reduce global warming in the future would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36D_AZ/D1_AZ	WHITE	HISPANIC	OTHER
Hurt the economy in Arizona	29	11	24
Help the economy in Arizona	44	59	41
Would not affect	24	25	31
Don't know/Refused	2	5	3
Total	100	100	100
N	438	264	101

Q36E\_AZ. Do you think that the Arizona governments doing things to prepare for the effects of global warming would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36E1\_AZ. Do you think that the Arizona governments doing things to prepare for the effects of global warming would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36E_AZ/E1_AZ	WHITE	HISPANIC	OTHER
Hurt the economy in Arizona	28	9	19
Help the economy in Arizona	41	60	35
Would not affect	29	27	43
Don't know/Refused	2	4	3
Total	100	100	100
N	438	264	101

## Part VI. More Droughts, Storms, Fires, Heatwaves?

Q46/47A. Do you think global warming is causing there to be more droughts, is causing there to be fewer droughts, or is global warming not affecting the number of droughts?

Do you think global warming has caused there to be more droughts, has caused there to be fewer droughts, or has global warming not affected the number of droughts?

Q46A	WHITE	HISPANIC	OTHER
More droughts	52	88	62
Fewer droughts	4	2	7
Not affecting	38	7	27
Don't know/Refused	6	3	4
Total	100	100	100
N	438	264	101

Q46/47B. Do you think global warming is causing there to be more storms, is causing there to be fewer storms, or is global warming not affecting the number of storms?

Do you think global warming has caused there to be more storms, has caused there to be fewer storms, or has global warming not affected the number of storms?

Q46B	WHITE	HISPANIC	OTHER
More storms	53	64	63
Fewer storms	5	18	6
Not affecting	38	15	24
Don't know/Refused	4	3	7
Total	100	100	100
N	438	264	101

Q47C\_AZ. Do you think global warming has caused there to be more forest fires in Arizona, has caused there to be fewer forest fires in Arizona, or has global warming not affected the number of forest fires in Arizona?

Q47C_AZ	WHITE	HISPANIC	OTHER
More forest fires	41	80	45

Fewer forest fires	2	2	3
Not affecting	53	16	47
Don't know/Refused	3	2	4
Total	100	100	100
N	438	264	101

Q47D\_AZ. Do you think global warming has caused there to be more days with average temperatures above 100 degrees Fahrenheit in Arizona, has caused there to be fewer days with average temperatures above 100 degrees Fahrenheit in Arizona, or has global warming not affected the number of days with average temperatures above 100 degrees Fahrenheit in Arizona?

Q47D_AZ	WHITE	HISPANIC	OTHER
More days	57	80	65
Fewer days	1	4	6
Not affecting	38	13	26
Don't know/Refused	3	3	2
Total	100	100	100
N	438	264	101

# GLOBAL WARMING ARIZONA STATE POLL 2014

## Difference Report

### Age

STANFORD UNIVERSITY  
UNIVERSITY OF ARIZONA  
Conducted by Abt SRBI

Interview dates: Nov. 18 to Dec. 9, 2014

Interviews: 803 adults age 18 or older living in Arizona

#### Notes:

All results shown are percentages unless otherwise labeled. \* indicates less than 0.5 percent.

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

The percentages may not sum to 100 percent, due to rounding.

Refusals to answer questions are treated as valid data, and are combined with “don’t know”.

**Significance Test Summary: Age**

Theme	Question	Significant	Theme	Question	Significant
<b>Trust</b>	Q1	<input type="checkbox"/>	<b>Gov.</b>	Q45	<input checked="" type="checkbox"/>
<b>Happening</b>	Q12	<input type="checkbox"/>	<b>Action</b>	Q25bxaz	<input type="checkbox"/>
	Q13	<input checked="" type="checkbox"/>		Q33	<input type="checkbox"/>
	Q13a	<input type="checkbox"/>		Q33az	<input type="checkbox"/>
	Q13b	<input checked="" type="checkbox"/>		Q38	<input checked="" type="checkbox"/>
<b>How Serious?</b>	Q15	<input checked="" type="checkbox"/>		Q92	<input type="checkbox"/>
	Q16	<input checked="" type="checkbox"/>		Q92az	<input checked="" type="checkbox"/>
	Q16AZ	<input checked="" type="checkbox"/>		Q35_1	<input type="checkbox"/>
	Q17	<input checked="" type="checkbox"/>		Q35_2	<input checked="" type="checkbox"/>
	Q18	<input checked="" type="checkbox"/>		Q36_1	<input checked="" type="checkbox"/>
<b>Economy</b>	Q36b	<input checked="" type="checkbox"/>		Q36_2	<input checked="" type="checkbox"/>
	Q36baz	<input type="checkbox"/>		Q36_3	<input checked="" type="checkbox"/>
	Q36c	<input type="checkbox"/>		Q36_4	<input checked="" type="checkbox"/>
	Q36caz	<input type="checkbox"/>		Q36_5	<input checked="" type="checkbox"/>
	Q36daz	<input type="checkbox"/>		Q36az_1	<input checked="" type="checkbox"/>
	Q36eaz	<input type="checkbox"/>		Q36az_3	<input checked="" type="checkbox"/>
<b>Impacts</b>	Q47a	<input checked="" type="checkbox"/>		Q36az_4	<input checked="" type="checkbox"/>
	Q47b	<input checked="" type="checkbox"/>	Q36az_5	<input checked="" type="checkbox"/>	
	Q47c	<input type="checkbox"/>			
	Q47d	<input checked="" type="checkbox"/>			

*Note:* Presented are the results of testing whether the distribution of responses for each of the selected survey questions differed between respondents age 18 to 35 and respondents over age 35. A check in the box in the column “Significant” indicates that distribution of responses for the question differed between respondents age 18 to 35 and respondents over age 35 at  $p < .05$  level.

## Part I. Trust in Scientists

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

Q1	18-35	>35
Completely	8	8
A lot	27	22
A moderate amount	45	35
A little	18	24
Not at all	2	8
Don't know/Refused	0	2
Total	100	100
N	226	577

## Part II. Global Warming Happening? How Sure?

- Q12. What is your personal opinion? Do you think that the world's temperature probably has been going up *slowly* over the past 100 years, or do you think this probably has not been happening?

Q12	18-35	>35
Has been happening	80	72
Has not been happening	18	25
Don't know/Refused	2	4
Total	100	100
N	226	577

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

Q13A/B	18-35	>35
Extremely sure	13	23
Very sure	26	32
Somewhat sure	50	36
Not sure at all	11	8
Don't know/Refused	0	0
Total	100	100
N	222	556

Q13A "HAS BEEN HAPPENING"	18-35	>35
Extremely sure	14	23
Very sure	30	32
Somewhat sure	49	36
Not sure at all	8	7
Don't know/Refused	0	0
Total	100	98
N	180	414



Q13B "HAS NOT BEEN HAPPENING"	18-35	>35
Extremely sure	11	24
Very sure	11	31
Somewhat sure	54	34
Not sure at all	23	11
Don't know/Refused	0	0
Total	100	100
N	86	98

### Part III. How Serious?

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

Q15A/B/C	18-35	>35
Very serious	52	50
Somewhat serious	34	23
Not so serious	9	12
Not serious at all	4	13
Don't know/Refused	0	1
Total	100	100
N	226	577

Q16. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE WORLD – very serious, somewhat serious, not so serious, or not serious at all?

Q16A/B/C	18-35	>35
Very serious	67	53
Somewhat serious	27	23
Not so serious	5	11
Not serious at all	1	11
Don't know/Refused	0	1
Total	100	100
N	226	577

Q16\_AZ. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for Arizona – very serious, somewhat serious, not so serious, or not serious at all?

Q16_AZ	18-35	>35
Very serious	60	51
Somewhat serious	27	22
Not so serious	10	14
Not serious at all	3	12
Don't know/Refused	0	1
Total	100	100
N	226	577

Q17A/B. If nothing is done to reduce global warming in the future, how do you think it will hurt you personally—a great deal, a lot, a moderate amount, a little or not at all?

Q17	18-35	>35
A great deal	30	21
A lot	22	19
A moderate amount	23	20
A little	12	14
Not at all	13	24
Don't know/Refused	0	1
Total	100	100
N	226	577

Q18A/B. If nothing is done to reduce global warming in the future, how much do you think it will hurt future generations—a great deal, a lot, a moderate amount, a little, or not at all?

Q18	18-35	>35
A great deal	56	44
A lot	21	17
A moderate amount	14	15
A little	5	10
Not at all	4	13
Don't know/Refused	1	1
Total	100	100
N	226	577

## Part IV. Gov. Action, Regulation, Tax

### A. General Action

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

Q45	18-35	>35
Only if other countries do	12	16
Take action even if other countries do less	82	64
Not take action at all	5	18
Don't know/Refused	1	2
Total	100	100
N	226	577

Q25bx\_az. Do you think Arizona governments should take action to reduce future global warming only if most other states do equally effective things, or Arizona governments should take action to reduce future global warming even if most other states do less?

Q25BX AZ	18-35	>35
Only if most other states do	10	23
Take action even if most other states do less	90	74
Don't know/Refused	0	3
Total	100	100
N	90	228

### B. Limiting GHG

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

Q33	18-35	>35
Government should limit	83	72
Government should not limit	15	24
Don't know/Refused	2	4
Total	100	100
N	226	577

Q33\_AZ. In your opinion, do you think the Arizona state government should or should not limit the amount of greenhouse gases that Arizona businesses put out?

Q33 AZ	18-35	>35
Government should limit	83	73
Government should not limit	17	24
Don't know/Refused	0	2
Total	100	100
N	226	577

Q38. There's a proposed system called "cap and trade." The government would sell permits to companies limiting the amount of greenhouse gases they can put out. Companies that do not use all their permits could sell them to other companies. Companies that need more permits can buy them, or these companies can pay money to reduce the amount of greenhouse gases that other people or organizations put out. Economists say that this system is likely to cause companies to figure out the cheapest way to reduce greenhouse gas emissions. The money the government makes from selling the permits would be returned to all Americans equally by reducing the amount of income taxes they pay. Would you favor or oppose this cap and trade system?

Q38	18-35	>35
Favor	67	57
Oppose	28	38
Don't know/Refused	5	4
Total	100	100
N	226	577

Q92. If the federal government requires companies that make electricity to pay a fee for every ton of greenhouse gases they put out, the power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. Do you favor or oppose the government charging this fee to companies that make electricity?

Q92A. If the federal government requires companies that make electricity to pay a fee for every ton of greenhouse gases they put out, the power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. The money the government makes from these fees would be returned to all Americans equally by reducing the amount of income taxes they pay. Do you favor or oppose the government charging this fee to companies that make electricity?

Q92	18-35	>35
Favor	60	49
Oppose	39	48
Don't know/Refused	1	3
Total	100	100
N	226	577

Q92\_AZ. If the Arizona state government requires Arizona companies that make electricity to pay a fee for every ton of greenhouse gases they put out, Arizona power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. Do you favor or oppose the Arizona state government charging this fee to Arizona companies that make electricity?

Q92A\_AZ. If the Arizona state government requires Arizona companies that make electricity to pay a fee for every ton of greenhouse gases they put out, Arizona power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. The money that the Arizona state government makes from these fees would be returned to all people in Arizona equally, by reducing the amount of income taxes they pay. Do you favor or oppose the Arizona state government charging this fee to Arizona companies that make electricity?

Q92_AZ	18-35	>35
Favor	67	54
Oppose	33	44
Don't know/Refused	0	2
Total	100	100
N	226	577

### ***C. Tax Break and/or Regulation***

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

Q35\_1: do you favor or oppose the federal government giving companies tax breaks to build nuclear power plants?

Q35_1	18-35	>35
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Favor	37	40
Oppose	61	55
Don't know/Refused	2	4
Total	100	100
N	226	577

Q35\_2: do you favor or oppose the federal government giving companies tax breaks to produce more electricity from water, wind, and solar power?

Q35_2	18-35	>35
Favor	90	73
Oppose	9	26
Don't know/Refused	0	1
Total	100	100
N	226	577

Q36. For the next items, please tell me for each one whether it's something the government should require by law, encourage with tax breaks but not require, or stay out of entirely. Each of these changes would increase the amount of money that you pay for things you buy.

Q36\_1: Building cars that use less gasoline?

Q36_1	18-35	>35
Require by law	37	29
Encourage by tax breaks	45	36
Stay out of entirely	18	33
Don't know/Refused	0	1
Total	100	100
N	226	577

Q36\_2: Building cars that run completely on electricity?

Q36_2	18-35	>35
Require by law	13	14
Encourage by tax breaks	57	40
Stay out of entirely	30	44
Don't know/Refused	0	2
Total	100	100
N	226	577

Q36\_3: Building air conditioners, refrigerators, and other appliances that use less electricity?

Q36_3	18-35	>35
Require by law	31	26
Encourage by tax breaks	49	40
Stay out of entirely	20	33
Don't know/Refused	0	1
Total	100	100
N	226	577

Q36\_4: Building new homes and offices that use less energy for heating and cooling?

Q36_4	18-35	>35
Require by law	29	23
Encourage by tax breaks	54	44
Stay out of entirely	17	31
Don't know/Refused	0	1
Total	100	100
N	226	577

Q36\_5: Lowering the amount of greenhouse gases that power plants are allowed to release into the air?

Q36_5	18-35	>35
Require by law	65	50
Encourage by tax breaks	31	23
Stay out of entirely	3	24
Don't know/Refused	0	2
Total	100	100
N	226	577

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

Q36\_AZ\_1: Building cars to be sold in Arizona that use less gasoline?

Q36_AZ_1	18-35	>35
Require by law	37	26
Encourage by tax breaks	47	41
Stay out of entirely	15	32
Don't know/Refused	0	1
Total	100	100
N	226	577

Q36\_AZ\_3: Building air conditioners, refrigerators, and other appliances to be sold in Arizona that use less electricity?

Q36_AZ_3	18-35	>35
Require by law	27	30
Encourage by tax breaks	57	41
Stay out of entirely	16	29
Don't know/Refused	0	0
Total	100	100
N	226	577

Q36\_AZ\_4: Building new homes and offices in Arizona that use less energy for heating and cooling?

Q36_AZ_4	18-35	>35
Require by law	27	29
Encourage by tax breaks	61	40
Stay out of entirely	12	31
Don't know/Refused	0	0
Total	100	100
N	226	577

Q36\_A5: Lowering the amount of greenhouse gases that power plants in Arizona are allowed to release into the air?

Q36_AZ_5	18-35	>35
Require by law	66	49
Encourage by tax breaks	27	26
Stay out of entirely	7	25
Don't know/Refused	0	1
Total	100	100
N	226	577

## Part V. Hurt or Help the Economy?

Q36B<sup>3</sup>. Do you think that the United States doing things to reduce global warming in the future would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36B1. Do you think that the United States doing things to reduce global warming in the future would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

Q36B/B1	18-35	>35
Hurt the U.S. economy	23	40
Help the U.S. economy	39	36
Would not affect	37	18
Don't know/Refused	1	5
Total	100	100
N	226	577

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

Q36B1\_AZ. Do you think that the United States doing things to reduce global warming in the future would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36B_AZ/B1_AZ	18-35	>35
Hurt the economy in Arizona	22	33
Help the economy in Arizona	41	39
Would not affect	35	24
Don't know/Refused	2	4

<sup>3</sup> Half of the sample (selected randomly) was asked Q36B, and the other half of the sample was asked Q36B1.

Total	100	100
N	226	577

Q36C. Do you think that the United States doing things to prepare for the effects of global warming would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36C1. Do you think that the United States doing things to prepare for the effects of global warming would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

Q36C/C1	18-35	>35
Hurt the U.S. economy	21	28
Help the U.S. economy	42	43
Would not affect	36	26
Don't know/Refused	1	4
Total	100	100
N	226	577

Q36C\_AZ. Do you think that the United States doing things to prepare for the effects of global warming would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36C1\_AZ. Do you think that the United States doing things to prepare for the effects of global warming would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36C_AZ/C1_AZ	18-35	>35
Hurt the economy in Arizona	15	28
Help the economy in Arizona	47	42
Would not affect	35	27
Don't know/Refused	4	3
Total	100	100
N	226	577

Q36D\_AZ. Do you think that the Arizona governments doing things to reduce global warming in the future would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36D1\_AZ. Do you think that the Arizona governments doing things to reduce global warming in the future would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36D_AZ/D1_AZ	18-35	>35
Hurt the economy in Arizona	14	26
Help the economy in Arizona	56	46
Would not affect	27	25
Don't know/Refused	3	3
Total	100	100
N	226	577



Q36E\_AZ. Do you think that the Arizona governments doing things to prepare for the effects of global warming would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36E1\_AZ. Do you think that the Arizona governments doing things to prepare for the effects of global warming would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36E_AZ/E1_AZ	18-35	>35
Hurt the economy in Arizona	13	24
Help the economy in Arizona	48	46
Would not affect	37	27
Don't know/Refused	3	3
Total	100	100
N	226	577

## Part VI. More Droughts, Storms, Fires, Heatwaves?

Q46/47A. Do you think global warming is causing there to be more droughts, is causing there to be fewer droughts, or is global warming not affecting the number of droughts?

Do you think global warming has caused there to be more droughts, has caused there to be fewer droughts, or has global warming not affected the number of droughts?

Q46A	18-35	>35
More droughts	76	61
Fewer droughts	4	4
Not affecting	17	30
Don't know/Refused	4	5
Total	100	100
N	226	577

Q46/47B. Do you think global warming is causing there to be more storms, is causing there to be fewer storms, or is global warming not affecting the number of storms?

Do you think global warming has caused there to be more storms, has caused there to be fewer storms, or has global warming not affected the number of storms?

Q46B	18-35	>35
More storms	66	55
Fewer storms	13	8
Not affecting	20	32
Don't know/Refused	2	4
Total	100	100
N	226	577

Q47C\_AZ. Do you think global warming has caused there to be more forest fires in Arizona, has caused there to be fewer forest fires in Arizona, or has global warming not affected the number of forest fires in Arizona?

Q47C_AZ	18-35	>35
More forest fires	65	51

Fewer forest fires	2	2
Not affecting	30	44
Don't know/Refused	3	3
Total	100	100
N	226	577

Q47D\_AZ. Do you think global warming has caused there to be more days with average temperatures above 100 degrees Fahrenheit in Arizona, has caused there to be fewer days with average temperatures above 100 degrees Fahrenheit in Arizona, or has global warming not affected the number of days with average temperatures above 100 degrees Fahrenheit in Arizona?

Q47D_AZ	18-35	>35
More days	78	61
Fewer days	1	4
Not affecting	19	32
Don't know/Refused	2	4
Total	100	100
N	226	577

# GLOBAL WARMING ARIZONA STATE POLL 2014

## **Difference Report**

## **Party Affiliation**

STANFORD UNIVERSITY  
UNIVERSITY OF ARIZONA  
Conducted by Abt SRBI

Interview dates: Nov. 18 to Dec. 9, 2014

Interviews: 803 adults living in Arizona

Margin of error: +/- 4.4 percentage points at the 95% confidence level for full sample results  
(Additional margins of error are shown for some questions)

### Notes:

All results shown are percentages unless otherwise labeled. \* indicates less than 0.5 percent.

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

The percentages may not sum to 100 percent, due to rounding.

Refusals to answer questions are treated as valid data, and are combined with “don’t know”.

Significance Test Summary: **Party Affiliation**

Theme	Question	Sig(.05)	Theme	Question	Sig(.05)
<b>Trust</b>	Q1	<input checked="" type="checkbox"/>	<b>Gov.</b>	Q45	<input checked="" type="checkbox"/>
<b>HAPPEN</b>	Q12	<input checked="" type="checkbox"/>	<b>Action</b>	Q25bxaz	<input type="checkbox"/>
<b>ING?</b>	Q13	<input type="checkbox"/>		Q33	<input checked="" type="checkbox"/>
	Q13a	<input type="checkbox"/>		Q33az	<input checked="" type="checkbox"/>
	Q13b	<input type="checkbox"/>		Q38	<input checked="" type="checkbox"/>
<b>How</b>	Q15	<input checked="" type="checkbox"/>		Q92	<input checked="" type="checkbox"/>
<b>Serious?</b>	Q16	<input checked="" type="checkbox"/>		Q92az	<input checked="" type="checkbox"/>
	Q16AZ	<input checked="" type="checkbox"/>		Q35_1	<input type="checkbox"/>
	Q17	<input checked="" type="checkbox"/>		Q35_2	<input checked="" type="checkbox"/>
	Q18	<input checked="" type="checkbox"/>		Q36_1	<input checked="" type="checkbox"/>
<b>Economy</b>	Q36b	<input checked="" type="checkbox"/>		Q36_2	<input checked="" type="checkbox"/>
	Q36baz	<input checked="" type="checkbox"/>		Q36_3	<input checked="" type="checkbox"/>
	Q36c	<input checked="" type="checkbox"/>		Q36_4	<input checked="" type="checkbox"/>
	Q36caz	<input checked="" type="checkbox"/>		Q36_5	<input checked="" type="checkbox"/>
	Q36daz	<input checked="" type="checkbox"/>		Q36az_1	<input checked="" type="checkbox"/>
	Q36eaz	<input checked="" type="checkbox"/>		Q36az_3	<input checked="" type="checkbox"/>
<b>Impacts</b>	Q47a	<input checked="" type="checkbox"/>		Q36az_4	<input checked="" type="checkbox"/>
	Q47b	<input checked="" type="checkbox"/>		Q36az_5	<input checked="" type="checkbox"/>
	Q47c	<input checked="" type="checkbox"/>			
	Q47d	<input checked="" type="checkbox"/>			

## Part I. Trust in Scientists

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

Q1	DEMOCRAT	REPUBLICAN	INDEPENDENT
Completely	16	2	8
A lot	39	18	20
A moderate amount	27	46	39
A little	14	20	26
Not at all	3	12	6
Don't know/Refused	2	2	1
Total	100	100	100
N	173	152	478

## Part II. Global Warming Happening? How Sure?

- Q12. What is your personal opinion? Do you think that the world's temperature probably has been going up *slowly* over the past 100 years, or do you think this probably has not been happening?

Q12	DEMOCRAT	REPUBLICAN	INDEPENDENT
Has been happening	82	59	76
Has not been happening	13	38	22
Don't know/Refused	5	3	1
Total	100	100	100
N	173	152	478

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

Q13A/B	DEMOCRAT	REPUBLICAN	INDEPENDENT
Extremely sure	24	18	20
Very sure	30	37	28
Somewhat sure	37	35	43
Not sure at all	9	10	8
Don't know/Refused	0	0	0
Total	100	100	100
N	164	147	466

Q13A "HAS BEEN HAPPENING"	DEMOCRAT	REPUBLICAN	INDEPENDENT
Extremely sure	25	15	20
Very sure	32	33	31
Somewhat sure	37	38	42
Not sure at all	6	14	6
Don't know/Refused	0	0	1
Total	100	100	100
N	142	89	363

Q13B "HAS NOT BEEN HAPPENING"	DEMOCRAT	REPUBLICAN	INDEPENDENT
Extremely sure	16	22	21
Very sure	17	43	19
Somewhat sure	36	30	45
Not sure at all	31	6	15
Don't know/Refused			
Total	100	100	100
N	22	58	103

### Part III. How Serious?

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

Q15A/B/C	DEMOCRAT	REPUBLICAN	INDEPENDENT
Very serious	69	24	52
Somewhat serious	17	33	27
Not so serious	8	19	11
Not serious at all	6	21	9
Don't know/Refused	0	3	0
Total	100	100	100
N	173	152	478

Q16. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE WORLD – very serious, somewhat serious, not so serious, or not serious at all?

Q16A/B/C	DEMOCRAT	REPUBLICAN	INDEPENDENT
Very serious	74	31	60
Somewhat serious	19	33	23
Not so serious	5	15	9
Not serious at all	2	19	7
Don't know/Refused	0	2	1
Total	100	100	100
N	173	152	478

Q16\_AZ. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for Arizona – very serious, somewhat serious, not so serious, or not serious at all?

Q16_AZ	DEMOCRAT	REPUBLICAN	INDEPENDENT
Very serious	67	30	56
Somewhat serious	22	30	22
Not so serious	9	18	12
Not serious at all	2	19	9
Don't know/Refused	0	3	1
Total	100	100	100
N	173	152	478

Q17A/B. If nothing is done to reduce global warming in the future, how do you think it will hurt you personally—a great deal, a lot, a moderate amount, a little or not at all?

Q17	DEMOCRAT	REPUBLICAN	INDEPENDENT
A great deal	34	11	23
A lot	24	10	22
A moderate amount	19	23	21
A little	16	18	11
Not at all	7	37	21
Don't know/Refused	0	2	1
Total	100	100	100
N	173	152	478

Q18A/B. If nothing is done to reduce global warming in the future, how much do you think it will hurt future generations—a great deal, a lot, a moderate amount, a little, or not at all?

Q18	DEMOCRAT	REPUBLICAN	INDEPENDENT
A great deal	66	24	48
A lot	17	16	18
A moderate amount	11	21	14
A little	5	14	8
Not at all	1	23	10
Don't know/Refused	0	2	1
Total	100	100	100
N	173	152	478

## Part IV. Gov. Action, Regulation, Tax

### A. General Action

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

Q45	DEMOCRAT	REPUBLICAN	INDEPENDENT
Only if other countries do	11	13	17
Take action even if other countries do less	86	56	68
Not take action at all	3	28	14
Don't know/Refused	0	3	2
Total	100	100	100
N	173	152	478

Q25bx\_az. Do you think Arizona governments should take action to reduce future global warming only if most other states do equally effective things, or Arizona governments should take action to reduce future global warming even if most other states do less?

Q25BX AZ	DEMOCRAT	REPUBLICAN	INDEPENDENT
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Only if most other states do	17	25	19
Take action even if most other states do less	83	67	79
Don't know/Refused	0	8	2
Total	100	100	100
N	86	50	183

**B. Limiting GHG**

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

Q33	DEMOCRAT	REPUBLICAN	INDEPENDENT
Government should limit	91	59	75
Government should not limit	8	36	21
Don't know/Refused	1	6	4
Total	100	100	100
N	173	152	478

Q33\_AZ. In your opinion, do you think the Arizona state government should or should not limit the amount of greenhouse gases that Arizona businesses put out?

Q33_AZ	DEMOCRAT	REPUBLICAN	INDEPENDENT
Government should limit	88	59	77
Government should not limit	11	38	21
Don't know/Refused	1	3	2
Total	100	100	100
N	173	152	478

Q38. There's a proposed system called "cap and trade." The government would sell permits to companies limiting the amount of greenhouse gases they can put out. Companies that do not use all their permits could sell them to other companies. Companies that need more permits can buy them, or these companies can pay money to reduce the amount of greenhouse gases that other people or organizations put out. Economists say that this system is likely to cause companies to figure out the cheapest way to reduce greenhouse gas emissions. The money the government makes from selling the permits would be returned to all Americans equally by reducing the amount of income taxes they pay. Would you favor or oppose this cap and trade system?

Q38	DEMOCRAT	REPUBLICAN	INDEPENDENT
Favor	72	46	60
Oppose	23	50	35
Don't know/Refused	5	4	5
Total	100	100	100
N	173	152	478



Q92. If the federal government requires companies that make electricity to pay a fee for every ton of greenhouse gases they put out, the power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. Do you favor or oppose the government charging this fee to companies that make electricity?

Q92A. If the federal government requires companies that make electricity to pay a fee for every ton of greenhouse gases they put out, the power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. The money the government makes from these fees would be returned to all Americans equally by reducing the amount of income taxes they pay. Do you favor or oppose the government charging this fee to companies that make electricity?

Q92	DEMOCRAT	REPUBLICAN	INDEPENDENT
Favor	66	39	51
Oppose	29	57	47
Don't know/Refused	5	4	2
Total	100	100	100
N	173	152	478

Q92\_AZ. If the Arizona state government requires Arizona companies that make electricity to pay a fee for every ton of greenhouse gases they put out, Arizona power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. Do you favor or oppose the Arizona state government charging this fee to Arizona companies that make electricity?

Q92A\_AZ. If the Arizona state government requires Arizona companies that make electricity to pay a fee for every ton of greenhouse gases they put out, Arizona power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. The money that the Arizona state government makes from these fees would be returned to all people in Arizona equally, by reducing the amount of income taxes they pay. Do you favor or oppose the Arizona state government charging this fee to Arizona companies that make electricity?

Q92_AZ	DEMOCRAT	REPUBLICAN	INDEPENDENT
Favor	70	44	57
Oppose	28	53	41
Don't know/Refused	2	3	1
Total	100	100	100
N	173	152	478

### ***C. Tax Break and/or Regulation***

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

Q35\_1: do you favor or oppose the federal government giving companies tax breaks to build nuclear power plants?

Q35_1	DEMOCRAT	REPUBLICAN	INDEPENDENT
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Favor	36	50	37
Oppose	59	48	59
Don't know/Refused	5	2	4
Total	100	100	100
N	173	152	478

Q35\_2: do you favor or oppose the federal government giving companies tax breaks to produce more electricity from water, wind, and solar power?

Q35_2	DEMOCRAT	REPUBLICAN	INDEPENDENT
Favor	91	62	78
Oppose	8	37	21
Don't know/Refused	1	1	1
Total	100	100	100
N	173	152	478

Q36. For the next items, please tell me for each one whether it's something the government should require by law, encourage with tax breaks but not require, or stay out of entirely. Each of these changes would increase the amount of money that you pay for things you buy.

Q36\_1: Building cars that use less gasoline?

Q36_1	DEMOCRAT	REPUBLICAN	INDEPENDENT
Require by law	44	13	33
Encourage by tax breaks	42	36	38
Stay out of entirely	13	50	28
Don't know/Refused	2	0	1
Total	100	100	100
N	173	152	478

Q36\_2: Building cars that run completely on electricity?

Q36_2	DEMOCRAT	REPUBLICAN	INDEPENDENT
Require by law	19	5	15
Encourage by tax breaks	50	35	46
Stay out of entirely	27	60	38
Don't know/Refused	4	0	1
Total	100	100	100
N	173	152	478

Q36\_3: Building air conditioners, refrigerators, and other appliances that use less electricity?

Q36_3	DEMOCRAT	REPUBLICAN	INDEPENDENT
Require by law	39	10	29
Encourage by tax breaks	50	41	40
Stay out of entirely	11	49	30
Don't know/Refused	0	0	1
Total	100	100	100
N	173	152	478

Q36\_4: Building new homes and offices that use less energy for heating and cooling?

Q36_4	DEMOCRAT	REPUBLICAN	INDEPENDENT
Require by law	37	10	26
Encourage by tax breaks	46	43	49
Stay out of entirely	17	47	25
Don't know/Refused	1	0	1
Total	100	100	100
N	173	152	478

Q36\_5: Lowering the amount of greenhouse gases that power plants are allowed to release into the air?

Q36_5	DEMOCRAT	REPUBLICAN	INDEPENDENT
Require by law	72	35	54
Encourage by tax breaks	18	34	26
Stay out of entirely	8	30	18
Don't know/Refused	2	1	3
Total	100	100	100
N	173	152	478

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

Q36\_AZ\_1: Building cars to be sold in Arizona that use less gasoline?

Q36_AZ_1	DEMOCRAT	REPUBLICAN	INDEPENDENT
Require by law	44	16	28
Encourage by tax breaks	41	39	45
Stay out of entirely	13	45	26
Don't know/Refused	2	0	1
Total	100	100	100
N	173	152	478

Q36\_AZ\_3: Building air conditioners, refrigerators, and other appliances to be sold in Arizona that use less electricity?

Q36_AZ_3	DEMOCRAT	REPUBLICAN	INDEPENDENT
Require by law	45	17	27
Encourage by tax breaks	42	40	48
Stay out of entirely	12	43	24
Don't know/Refused	0	0	1
Total	100	100	100
N	173	152	478

Q36\_AZ\_4: Building new homes and offices in Arizona that use less energy for heating and cooling?

Q36_AZ_4	DEMOCRAT	REPUBLICAN	INDEPENDENT
Require by law	50	11	27
Encourage by tax breaks	36	42	50
Stay out of entirely	14	47	23
Don't know/Refused	0	0	0
Total	100	100	100
N	173	152	478

Q36\_A5: Lowering the amount of greenhouse gases that power plants in Arizona are allowed to release into the air?

Q36_AZ_5	DEMOCRAT	REPUBLICAN	INDEPENDENT
Require by law	70	34	54
Encourage by tax breaks	19	29	28
Stay out of entirely	11	37	17
Don't know/Refused	1	0	1
Total	100	100	100
N	173	152	478

## Part V. Hurt or Help the Economy?

Q36B<sup>4</sup>. Do you think that the United States doing things to reduce global warming in the future would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36B1. Do you think that the United States doing things to reduce global warming in the future would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

Q36B/B1	DEMOCRAT	REPUBLICAN	INDEPENDENT
Hurt the U.S. economy	20	53	36
Help the U.S. economy	55	25	35
Would not affect	21	19	26
Don't know/Refused	4	4	4
Total	100	100	100
N	173	152	478

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

Q36B1\_AZ. Do you think that the United States doing things to reduce global warming in the future would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36B_AZ/B1_AZ	DEMOCRAT	REPUBLICAN	INDEPENDENT
Hurt the economy in Arizona	18	50	28
Help the economy in Arizona	56	23	39
Would not affect	20	25	31

<sup>4</sup> Half of the sample (selected randomly) was asked Q36B, and the other half of the sample was asked Q36B1.

Don't know/Refused	7	1	3
Total	100	100	100
N	173	152	478

Q36C. Do you think that the United States doing things to prepare for the effects of global warming would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36C1. Do you think that the United States doing things to prepare for the effects of global warming would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

Q36C/C1	DEMOCRAT	REPUBLICAN	INDEPENDENT
Hurt the U.S. economy	14	40	26
Help the U.S. economy	55	25	44
Would not affect	25	33	29
Don't know/Refused	7	2	2
Total	100	100	100
N	173	152	478

Q36C\_AZ. Do you think that the United States doing things to prepare for the effects of global warming would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36C1\_AZ. Do you think that the United States doing things to prepare for the effects of global warming would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36C_AZ/C1_AZ	DEMOCRAT	REPUBLICAN	INDEPENDENT
Hurt the economy in Arizona	15	41	23
Help the economy in Arizona	56	28	44
Would not affect	24	28	32
Don't know/Refused	5	4	2
Total	100	100	100
N	173	152	478

Q36D\_AZ. Do you think that the Arizona governments doing things to reduce global warming in the future would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36D1\_AZ. Do you think that the Arizona governments doing things to reduce global warming in the future would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36D_AZ/D1_AZ	DEMOCRAT	REPUBLICAN	INDEPENDENT
Hurt the economy in Arizona	9	41	22
Help the economy in Arizona	63	32	49
Would not affect	23	23	27
Don't know/Refused	5	4	2
Total	100	100	100
N	173	152	478

Q36E\_AZ. Do you think that the Arizona governments doing things to prepare for the effects of global warming would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36E1\_AZ. Do you think that the Arizona governments doing things to prepare for the effects of global warming would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36E AZ/E1 AZ	DEMOCRAT	REPUBLICAN	INDEPENDENT
Hurt the economy in Arizona	8	37	20
Help the economy in Arizona	65	30	45
Would not affect	25	29	32
Don't know/Refused	2	4	3
Total	100	100	100
N	173	152	478

## Part VI. More Droughts, Storms, Fires, Heatwaves?

Q46/47A. Do you think global warming is causing there to be more droughts, is causing there to be fewer droughts, or is global warming not affecting the number of droughts?

Do you think global warming has caused there to be more droughts, has caused there to be fewer droughts, or has global warming not affected the number of droughts?

Q46A	DEMOCRAT	REPUBLICAN	INDEPENDENT
More droughts	77	42	68
Fewer droughts	7	5	2
Not affecting	11	49	25
Don't know/Refused	5	4	5
Total	100	100	100
N	173	152	478

Q46/47B. Do you think global warming is causing there to be more storms, is causing there to be fewer storms, or is global warming not affecting the number of storms?

Do you think global warming has caused there to be more storms, has caused there to be fewer storms, or has global warming not affected the number of storms?

Q46B	DEMOCRAT	REPUBLICAN	INDEPENDENT
More storms	77	35	59
Fewer storms	7	12	10
Not affecting	11	52	28
Don't know/Refused	5	2	3
Total	100	100	100
N	173	152	478

Q47C\_AZ. Do you think global warming has caused there to be more forest fires in Arizona, has caused there to be fewer forest fires in Arizona, or has global warming not affected the number of forest fires in Arizona?

Q47C_AZ	DEMOCRAT	REPUBLICAN	INDEPENDENT
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More forest fires	71	29	57
Fewer forest fires	3	3	2
Not affecting	25	67	37
Don't know/Refused	1	2	5
Total	100	100	100
N	173	152	478

Q47D\_AZ. Do you think global warming has caused there to be more days with average temperatures above 100 degrees Fahrenheit in Arizona, has caused there to be fewer days with average temperatures above 100 degrees Fahrenheit in Arizona, or has global warming not affected the number of days with average temperatures above 100 degrees Fahrenheit in Arizona?

Q47D_AZ	DEMOCRAT	REPUBLICAN	INDEPENDENT
More days	85	41	66
Fewer days	6	3	2
Not affecting	7	53	28
Don't know/Refused	1	3	4
Total	100	100	100
N	173	152	478

# GLOBAL WARMING ARIZONA STATE POLL 2014

## Difference Report

### Maricopa vs. Pima

STANFORD UNIVERSITY  
UNIVERSITY OF ARIZONA  
Conducted by Abt SRBI

Interview dates: Nov. 18 to Dec. 9, 2014

Interviews: 803 adults living in Arizona

Margin of error: +/- 4.4 percentage points at the 95% confidence level for full sample results  
(Additional margins of error are shown for some questions)

#### Notes:

All results shown are percentages unless otherwise labeled. \* indicates less than 0.5 percent.

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

The percentages may not sum to 100 percent, due to rounding.

Refusals to answer questions are treated as valid data, and are combined with “don’t know”.



Significance Test Summary: **Maricopa vs. Pima**

Theme	Question	.05	Theme	Question	.05
<b>Trust</b>	Q1	<input type="checkbox"/>	<b>Gov.</b>	Q45	<input type="checkbox"/>
<b>HAPPEN</b>	Q12	<input type="checkbox"/>	<b>Action</b>	Q25bxaz	<input type="checkbox"/>
<b>ING?</b>	Q13	<input type="checkbox"/>		Q33	<input type="checkbox"/>
	Q13a	<input type="checkbox"/>		Q33az	<input type="checkbox"/>
	Q13b	<input type="checkbox"/>		Q38	<input type="checkbox"/>
<b>How Serious?</b>	Q15	<input type="checkbox"/>		Q92	<input type="checkbox"/>
	Q16	<input type="checkbox"/>		Q92az	<input type="checkbox"/>
	Q16AZ	<input type="checkbox"/>		Q35_1	<input type="checkbox"/>
	Q17	<input type="checkbox"/>		Q35_2	<input type="checkbox"/>
<b>Economy</b>	Q18	<input type="checkbox"/>		Q36_1	<input type="checkbox"/>
	Q36b	<input checked="" type="checkbox"/>		Q36_2	<input checked="" type="checkbox"/>
	Q36baz	<input type="checkbox"/>	Q36_3	<input type="checkbox"/>	
	Q36c	<input type="checkbox"/>	Q36_4	<input type="checkbox"/>	
	Q36caz	<input type="checkbox"/>	Q36_5	<input type="checkbox"/>	
	Q36daz	<input type="checkbox"/>	Q36az_1	<input type="checkbox"/>	
<b>Impacts</b>	Q36eaz	<input type="checkbox"/>	Q36az_3	<input type="checkbox"/>	
	Q47a	<input type="checkbox"/>	Q36az_4	<input checked="" type="checkbox"/>	
	Q47b	<input type="checkbox"/>	Q36az_5	<input type="checkbox"/>	
	Q47c	<input type="checkbox"/>			
	Q47d	<input type="checkbox"/>			

## Part I. Trust in Scientists

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

Q1	MARICOPA	PIMA
Completely	10	7
A lot	27	17
A moderate amount	37	41
A little	20	26
Not at all	5	9
Don't know/Refused	1	0
Total	100	100
N	479	125

## Part II. Global Warming Happening? How Sure?

- Q12. What is your personal opinion? Do you think that the world's temperature probably has been going up *slowly* over the past 100 years, or do you think this probably has not been happening?

Q12	MARICOPA	PIMA
Has been happening	74	68
Has not been happening	23	27
Don't know/Refused	3	4
Total	100	100
N	479	125

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

Q13A/B	MARICOPA	PIMA
Extremely sure	21	26
Very sure	30	27
Somewhat sure	40	39
Not sure at all	9	9
Don't know/Refused	0	0
Total	100	100
N	462	119

Q13A "HAS BEEN HAPPENING"	MARICOPA	PIMA
Extremely sure	22	29
Very sure	31	30
Somewhat sure	41	37
Not sure at all	7	4
Don't know/Refused	0	0
Total	100	100
N	354	85

Q13B "HAS NOT BEEN HAPPENING"	MARICOPA	PIMA
Extremely sure	18	19
Very sure	28	19
Somewhat sure	39	43
Not sure at all	14	20
Don't know/Refused	1	0
Total	100	100
N	108	34

### Part III. How Serious?

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

Q15A/B/C	MARICOPA	PIMA
Very serious	51	53
Somewhat serious	25	25
Not so serious	13	10
Not serious at all	11	11
Don't know/Refused	0	1
Total	100	100
N	479	125

Q16. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for THE WORLD – very serious, somewhat serious, not so serious, or not serious at all?

Q16A/B/C	MARICOPA	PIMA
Very serious	59	59
Somewhat serious	23	23
Not so serious	9	9
Not serious at all	8	7
Don't know/Refused	1	2
Total	100	100
N	479	125

Q16\_AZ. If nothing is done to reduce global warming in the future, how serious of a problem do you think it will be for Arizona – very serious, somewhat serious, not so serious, or not serious at all?

Q16_AZ	MARICOPA	PIMA
Very serious	55	56
Somewhat serious	22	22
Not so serious	13	11
Not serious at all	9	10
Don't know/Refused	1	1
Total	100	100
N	479	125

Q17A/B. If nothing is done to reduce global warming in the future, how do you think it will hurt you personally—a great deal, a lot, a moderate amount, a little or not at all?

Q17	MARICOPA	PIMA
A great deal	23	22
A lot	19	22
A moderate amount	22	15
A little	13	14
Not at all	21	25
Don't know/Refused	1	1
Total	100	100
N	479	125

Q18A/B. If nothing is done to reduce global warming in the future, how much do you think it will hurt future generations—a great deal, a lot, a moderate amount, a little, or not at all?

Q18	MARICOPA	PIMA
A great deal	48	52
A lot	18	16
A moderate amount	15	8
A little	9	13
Not at all	10	10
Don't know/Refused	1	1
Total	100	100
N	479	125

## Part IV. Gov. Action, Regulation, Tax

### A. General Action

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

Q45	MARICOPA	PIMA
Only if other countries do	14	18
Take action even if other countries do less	71	65
Not take action at all	14	17
Don't know/Refused	1	1
Total	100	100
N	479	125

Q25bx\_az. Do you think Arizona governments should take action to reduce future global warming only if most other states do equally effective things, or Arizona governments should take action to reduce future global warming even if most other states do less?

Q25BX_AZ	MARICOPA	PIMA
Only if most other states do	24	14

Take action even if most other states do less	73	86
Don't know/Refused	3	0
Total	100	100
N	199	43

**B. Limiting GHG**

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

Q33	MARICOPA	PIMA
Government should limit	78	66
Government should not limit	19	28
Don't know/Refused	3	6
Total	100	100
N	479	125

Q33\_AZ. In your opinion, do you think the Arizona state government should or should not limit the amount of greenhouse gases that Arizona businesses put out?

Q33_AZ	MARICOPA	PIMA
Government should limit	78	72
Government should not limit	20	25
Don't know/Refused	2	3
Total	100	100
N	479	125

Q38. There's a proposed system called "cap and trade." The government would sell permits to companies limiting the amount of greenhouse gases they can put out. Companies that do not use all their permits could sell them to other companies. Companies that need more permits can buy them, or these companies can pay money to reduce the amount of greenhouse gases that other people or organizations put out. Economists say that this system is likely to cause companies to figure out the cheapest way to reduce greenhouse gas emissions. The money the government makes from selling the permits would be returned to all Americans equally by reducing the amount of income taxes they pay. Would you favor or oppose this cap and trade system?

Q38	MARICOPA	PIMA
Favor	60	62
Oppose	34	38
Don't know/Refused	6	0
Total	100	100
N	479	125

Q92. If the federal government requires companies that make electricity to pay a fee for every ton of greenhouse gases they put out, the power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use

less electricity. Do you favor or oppose the government charging this fee to companies that make electricity?

Q92A. If the federal government requires companies that make electricity to pay a fee for every ton of greenhouse gases they put out, the power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. The money the government makes from these fees would be returned to all Americans equally by reducing the amount of income taxes they pay. Do you favor or oppose the government charging this fee to companies that make electricity?

Q92	MARICOPA	PIMA
Favor	55	53
Oppose	42	46
Don't know/Refused	2	1
Total	100	100
N	479	125

Q92\_AZ. If the Arizona state government requires Arizona companies that make electricity to pay a fee for every ton of greenhouse gases they put out, Arizona power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. Do you favor or oppose the Arizona state government charging this fee to Arizona companies that make electricity?

Q92A\_AZ. If the Arizona state government requires Arizona companies that make electricity to pay a fee for every ton of greenhouse gases they put out, Arizona power companies may find ways to reduce the amount of greenhouse gases they put out and may increase electricity prices, which may cause people to use less electricity. The money that the Arizona state government makes from these fees would be returned to all people in Arizona equally, by reducing the amount of income taxes they pay. Do you favor or oppose the Arizona state government charging this fee to Arizona companies that make electricity?

Q92_AZ	MARICOPA	PIMA
Favor	60	53
Oppose	38	44
Don't know/Refused	2	4
Total	100	100
N	479	125

### ***C. Tax Break and/or Regulation***

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

Q35\_1: do you favor or oppose the federal government giving companies tax breaks to build nuclear power plants?

Q35_1	MARICOPA	PIMA
Favor	42	32
Oppose	54	64
Don't know/Refused	3	4

Total	100	100
N	479	125

Q35\_2: do you favor or oppose the federal government giving companies tax breaks to produce more electricity from water, wind, and solar power?

Q35_2	MARICOPA	PIMA
Favor	77	80
Oppose	22	19
Don't know/Refused	1	1
Total	100	100
N	479	125

Q36. For the next items, please tell me for each one whether it's something the government should require by law, encourage with tax breaks but not require, or stay out of entirely. Each of these changes would increase the amount of money that you pay for things you buy.

Q36\_1: Building cars that use less gasoline?

Q36_1	MARICOPA	PIMA
Require by law	33	31
Encourage by tax breaks	42	35
Stay out of entirely	24	31
Don't know/Refused	1	3
Total	100	100
N	479	125

Q36\_2: Building cars that run completely on electricity?

Q36_2	MARICOPA	PIMA
Require by law	12	16
Encourage by tax breaks	51	43
Stay out of entirely	36	37
Don't know/Refused	0	4
Total	100	100
N	479	125

Q36\_3: Building air conditioners, refrigerators, and other appliances that use less electricity?

Q36_3	MARICOPA	PIMA
Require by law	27	27
Encourage by tax breaks	46	40
Stay out of entirely	26	32
Don't know/Refused	1	1
Total	100	100
N	479	125

Q36\_4: Building new homes and offices that use less energy for heating and cooling?

Q36_4	MARICOPA	PIMA
Require by law	24	31
Encourage by tax breaks	50	41
Stay out of entirely	25	27
Don't know/Refused	1	1
Total	100	100
N	479	125

Q36\_5: Lowering the amount of greenhouse gases that power plants are allowed to release into the air?

Q36_5	MARICOPA	PIMA
Require by law	56	55
Encourage by tax breaks	26	27
Stay out of entirely	16	17
Don't know/Refused	2	1
Total	100	100
N	479	125

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

Q36\_AZ\_1: Building cars to be sold in Arizona that use less gasoline?

Q36_AZ_1	MARICOPA	PIMA
Require by law	29	32
Encourage by tax breaks	47	38
Stay out of entirely	24	27
Don't know/Refused	1	2
Total	100	100
N	479	125

Q36\_AZ\_3: Building air conditioners, refrigerators, and other appliances to be sold in Arizona that use less electricity?

Q36_AZ_3	MARICOPA	PIMA
Require by law	28	31
Encourage by tax breaks	49	42
Stay out of entirely	23	26
Don't know/Refused	0	1
Total	100	100
N	479	125

Q36\_AZ\_4: Building new homes and offices in Arizona that use less energy for heating and cooling?

Q36_AZ_4	MARICOPA	PIMA
Require by law	28	36



Encourage by tax breaks	50	39
Stay out of entirely	22	24
Don't know/Refused	0	1
Total	100	100
N	479	125

Q36\_A5: Lowering the amount of greenhouse gases that power plants in Arizona are allowed to release into the air?

Q36_AZ_5	MARICOPA	PIMA
Require by law	54	51
Encourage by tax breaks	27	27
Stay out of entirely	19	21
Don't know/Refused	0	1
Total	100	100
N	479	125

## Part V. Hurt or Help the Economy?

Q36B<sup>5</sup>. Do you think that the United States doing things to reduce global warming in the future would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36B1. Do you think that the United States doing things to reduce global warming in the future would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

Q36B/B1	MARICOPA	PIMA
Hurt the U.S. economy	33	44
Help the U.S. economy	40	31
Would not affect	24	18
Don't know/Refused	3	7
Total	100	100
N	479	125

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

Q36B1\_AZ. Do you think that the United States doing things to reduce global warming in the future would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36B_AZ/B1_AZ	MARICOPA	PIMA
Hurt the economy in Arizona	28	33
Help the economy in Arizona	43	36
Would not affect	26	25
Don't know/Refused	3	6
Total	100	100
N	479	125

<sup>5</sup> Half of the sample (selected randomly) was asked Q36B, and the other half of the sample was asked Q36B1.

Q36C. Do you think that the United States doing things to prepare for the effects of global warming would hurt the U.S. economy, would help the economy, or would have no effect on the U.S. economy?

Q36C1. Do you think that the United States doing things to prepare for the effects of global warming would help the U.S. economy, would hurt the economy, or would have no effect on the U.S. economy?

Q36C/C1	MARICOPA	PIMA
Hurt the U.S. economy	23	34
Help the U.S. economy	45	37
Would not affect	29	23
Don't know/Refused	2	6
Total	100	100
N	479	125

Q36C\_AZ. Do you think that the United States doing things to prepare for the effects of global warming would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36C1\_AZ. Do you think that the United States doing things to prepare for the effects of global warming would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36C_AZ/C1_AZ	MARICOPA	PIMA
Hurt the economy in Arizona	22	29
Help the economy in Arizona	46	37
Would not affect	30	28
Don't know/Refused	2	6
Total	100	100
N	479	125

Q36D\_AZ. Do you think that the Arizona governments doing things to reduce global warming in the future would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36D1\_AZ. Do you think that the Arizona governments doing things to reduce global warming in the future would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36D_AZ/D1_AZ	MARICOPA	PIMA
Hurt the economy in Arizona	23	22
Help the economy in Arizona	49	50
Would not affect	25	23
Don't know/Refused	3	4
Total	100	100
N	479	125

Q36E\_AZ. Do you think that the Arizona governments doing things to prepare for the effects of global warming would hurt the economy in Arizona, would help the economy in Arizona, or would have no effect on the economy in Arizona?

Q36E1\_AZ. Do you think that the Arizona governments doing things to prepare for the effects of global warming would help the economy in Arizona, would hurt the economy in Arizona, or would have no effect on the economy in Arizona?

Q36E AZ/E1 AZ	MARICOPA	PIMA
Hurt the economy in Arizona	20	20
Help the economy in Arizona	47	46
Would not affect	31	28
Don't know/Refused	2	6
Total	100	100
N	479	125

## Part VI. More Droughts, Storms, Fires, Heatwaves?

Q46/47A. Do you think global warming is causing there to be more droughts, is causing there to be fewer droughts, or is global warming not affecting the number of droughts?

Do you think global warming has caused there to be more droughts, has caused there to be fewer droughts, or has global warming not affected the number of droughts?

Q46A	MARICOPA	PIMA
More droughts	64	74
Fewer droughts	4	3
Not affecting	27	19
Don't know/Refused	4	3
Total	100	100
N	479	125

Q46/47B. Do you think global warming is causing there to be more storms, is causing there to be fewer storms, or is global warming not affecting the number of storms?

Do you think global warming has caused there to be more storms, has caused there to be fewer storms, or has global warming not affected the number of storms?

Q46B	MARICOPA	PIMA
More storms	59	64
Fewer storms	9	7
Not affecting	29	24
Don't know/Refused	3	4
Total	100	100
N	479	125

Q47C\_AZ. Do you think global warming has caused there to be more forest fires in Arizona, has caused there to be fewer forest fires in Arizona, or has global warming not affected the number of forest fires in Arizona?

Q47C_AZ	MARICOPA	PIMA
More forest fires	54	56
Fewer forest fires	2	2
Not affecting	42	36
Don't know/Refused	3	6

Total	100	100
N	479	125

Q47D\_AZ. Do you think global warming has caused there to be more days with average temperatures above 100 degrees Fahrenheit in Arizona, has caused there to be fewer days with average temperatures above 100 degrees Fahrenheit in Arizona, or has global warming not affected the number of days with average temperatures above 100 degrees Fahrenheit in Arizona?

Q47D AZ	MARICOPA	PIMA
More days	66	74
Fewer days	4	4
Not affecting	28	20
Don't know/Refused	2	3
Total	100	100
N	479	125