

2018 WESTERN STATES SURVEY

Interview Schedule: Arizona

Public Opinion Strategies/FM3

December 2017-January 2018

N = 400 voters in Arizona

Margin of Error: $\pm 4.9\%$



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FM3

In this document:

- An asterisk (*) in a response category means that less than 0.5% of respondents chose that response category and a dash (-) represents no response.
 - An carrot (^) denotes rounding. Due to rounding, some figures may be higher or lower by less than one-half of one percent.
 - "Skip base" is the percentage of voters that are asked a question because they meet a criteria based on a response to a previous question, meaning not all 400 respondents received that question.
 - "Total base" is the percentage of the total sample, in this survey that is 400 voters.
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1. Over the past year, how many times do you think you have visited public lands managed by U.S. agencies, such as national parks, national forests, national monuments, national wildlife refuges, or Bureau of Land Management Lands? **(ROTATE)**

<u>2014*</u>	<u>2015</u>	<u>2018</u>	
18%	26%	23%	Once or twice
24%	18%	24%	3 to 5 times
22%	15%	13%	6 to 10 times
10%	18%	10%	11 to 20 times
19%	18%	13%	More than 20 times
6%	5%	17%	NEVER (DO NOT READ)
1%	–	–	UNSURE/REFUSED (DO NOT READ)
94%	95%	83%	TOTAL VISITED
43%^	44%	46%^	1-5 TIMES
32%	33%	23%	6-20 TIMES
19%	18%	13%	MORE THAN 20 TIMES

** 2014 Wording: And over the past year, how many times do you think you have visited public lands, such as national parks, national forests, Bureau of Management lands, wildlife refuges, or state parks?*

2. Do you plan to visit a national park sometime in 2018?

<u>2013</u>	<u>2018</u>	
65%	71%	Yes
30%	21%	No
5%	8%	DON'T KNOW (DO NOT READ)
–	–	REFUSED (DO NOT READ)

Q3-4 SPLIT SAMPLED

3. When you think about the economic future of Arizona and the Western U.S., how important do you think the outdoor recreation economy will be - meaning people who come to hunt, fish, camp, see wildlife, as well as those who manufacture and sell equipment for those activities? **(ROTATE)**

65% Very important
26% Somewhat important
5% A little important
3% Not important at all

2% UNSURE/REFUSED **(DO NOT READ)**

91% **TOTAL IMPORTANT**
7%^ **TOTAL NOT IMPORTANT**

4. When you think about the economic future of Arizona and the Western U.S. in attracting good jobs and innovative companies, would you say that due to the presence of public lands and our lifestyle of outdoor recreation, that the West has - **(ROTATE)**

48% A big advantage over other parts of the country
32% A little advantage over other parts of the country
14% No real advantage over other parts of the country

5% UNSURE **(DO NOT READ)**
1% REFUSED **(DO NOT READ)**

81%^ **TOTAL ADVANTAGE**
14% **NO ADVANTAGE**

Q5-6 ROTATED

Thinking some more about people in the Western United States -

5. Do you think most people who live in big cities have values that are similar or different from yours?

(IF SIMILAR/DIFFERENT, ASK) And is that very (choice) or somewhat (choice)?

16% Very similar
26% Somewhat similar
27% Somewhat different
24% Very different

7% UNSURE/REFUSED (**DO NOT READ**)

42% TOTAL SIMILAR
51% TOTAL DIFFERENT

6. Do you think most people who live in rural areas and small towns have values that are similar or different from yours?

(IF SIMILAR/DIFFERENT, ASK) And is that very (choice) or somewhat (choice)?

30% Very similar
33% Somewhat similar
17% Somewhat different
12% Very different

8% UNSURE/REFUSED (**DO NOT READ**)

63% TOTAL SIMILAR
29% TOTAL DIFFERENT

Next, I'm going to read you a list of issues some people say are problems in Arizona. For each one, please tell me if you think it is **(ROTATE)** an extremely serious problem, a very serious problem, a somewhat serious problem, or not a problem in Arizona. The first/next one is... **(RANDOMIZE)**

	Extremely/ Very Serious	Total Serious	Extremely Serious	Very Serious	Somewhat Serious	Not A Problem	Don't Know/ Refused
Q7-16 SPLIT SAMPLED							
7.	Poorly-planned growth and development						
2018	39%	77%	13%	26%	38%	22%	2%
2017	32%	70%	16%	16%	38%	27%	3%
2016	37%^	71%^	13%	25%	34%	26%	3%
8.	Loss of habitat for fish and wildlife						
2018	46%	76%	14%	32%	30%	19%	5%
2017	41%	70%^	17%	24%	30%	27%	3%
2016	35%	69%^	14%	21%	35%	25%	6%
2015	34%^	71%^	11%	22%	37%	25%	4%
2014	27%^	64%^	13%	15%	37%	30%	6%
2013	36%	72%	17%	19%	36%	21%	7%
2012	28%	75%	13%	15%	47%	23%	2%
9.	Unemployment						
2018	40%^	83%^	12%	27%	43%	15%	2%
2017	41%^	78%^	11%	29%	37%	21%	1%
2016	54%	88%	18%	36%	34%	9%	2%
2015	60%	93%^	24%	36%	34%	4%	2%
2014	65%^	95%^	32%	34%	30%	4%	1%
2013	71%	97%	31%	40%	26%	3%	1%
10.	Our dependence on fossil fuels						
2018	39%^	66%	13%	25%	28%	24%	10%
2017	32%	65%	17%	15%	33%	29%	7%
11.	Inadequate water supplies						
2018	54%	84%	21%	33%	30%	13%	3%
2015	58%^	87%^	28%	31%	29%	13%	*
2013	46%	77%	21%	25%	31%	21%	2%
2012	44%	81%	15%	29%	37%	17%	2%

	Extremely/ Very Serious	Total Serious	Extremely Serious	Very Serious	Somewhat Serious	Not A Problem	Don't Know/ Refused
12. Lack of resources to properly maintain and take care of national parks, forests and other public lands							
2018	39%	78%	10%	29%	39%	19%	3%
2017	27%	65%	11%	16%	38%	30%	5%
2016	31%	72%	9%	22%	41%	22%	6%
2015	38%	78%	11%	27%	40%	20%	3%
13. Uncontrollable wildfires that threaten homes and property							
2018	52%[^]	88%	15%	38%	35%	12%	—
2016	33%	81%	12%	21%	48%	18%	1%
14. Low level of water in rivers							
2018	60%[^]	86%[^]	22%	39%	26%	11%	2%
2017	60%	87%	33%	27%	27%	11%	2%
2016	55%[^]	85%	29%	27%	29%	12%	4%
2015	61%	89%	26%	35%	28%	10%	1%
2014	51%[^]	84%	23%	27%	34%	12%	3%
2013	59%	87%	30%	29%	28%	11%	2%
15. Pollution of rivers, lakes and streams							
2018	47%[^]	83%	14%	32%	37%	14%	2%
2017	37%[^]	79%[^]	20%	18%	42%	19%	2%
2016	41%	77%	18%	23%	36%	19%	5%
2015	45%	83%	19%	26%	38%	14%	2%
2014	38%	78%	15%	23%	40%	20%	1%
2013	41%	82%	22%	19%	41%	14%	4%
2012	36%	79%	15%	21%	43%	18%	3%
16. Rollbacks of laws that protect our land, water, and wildlife							
2018	41%	75%[^]	14%	27%	33%	19%	7%

ARIZONA: Summary of Issues - Ranked By % Extremely/Very Serious

Issues	% Extremely/ Very Serious	% Total Serious
Low level of water in rivers	60%	86%
Inadequate water supplies	54%	84%
Uncontrollable wildfires that threaten homes and property	52%	88%
Pollution of rivers, lakes and streams	47%	83%
Loss of habitat for fish and wildlife	46%	76%
Rollbacks of laws that protect our land, water, and wildlife	41%	75%
Unemployment	40%	83%
Lack of resources to properly maintain and take care of national parks, forests and other public lands	39%	78%
Poorly-planned growth and development	39%	77%
Our dependence on fossil fuels	39%	66%

Thinking about water in your state -

W1. Many experts say that Arizona will likely face water shortage situations in the future. They say that we face a choice in how we address that shortage. So, which one of the following would you prefer state water officials invest more time and resources in pursuing? **(ROTATE)**

78% Using our current water supply more wisely, by encouraging more water conservation, reducing use, and increasing recycling of water

... OR ...

13% Diverting more water from rivers in less populated areas of the state to communities where more people live

5% BOTH **(DO NOT READ)**

2% SOMETHING ELSE/OTHER **(DO NOT READ)**

* DON'T DO ANYTHING/NOTHING/NO NEED **(DO NOT READ)**

2% UNSURE/REFUSED **(DO NOT READ)**

Moving on... Do you generally approve or disapprove of the job President Trump and his administration are doing in... **(RANDOMIZE)**

(IF APPROVE/DISAPPROVE) And, do you **STRONGLY** (choice) or just **SOMEWHAT** (choice)?

	Total Approve	Total Disapprove	Strongly Approve	Somewhat Approve	Somewhat Disapprove	Strongly Disapprove	Don't Know/Refused
17. Handling issues related to our land, water and wildlife?	35%^	54%^	17%	17%	7%	46%	12%
18. Handling the economy?	48%	45%	32%	16%	8%	37%	7%

19. And in general, would you prefer the administration place more emphasis on... **(ROTATE)**

	2017	2018	
	73%	66%	Ensuring we protect sources of clean water, our air quality and wildlife habitat while providing opportunities to visit and recreate on our national public lands
			... OR...
	18%	22%	Ensuring we produce more domestic energy by maximizing the amount of national public lands available for responsible oil and gas drilling and mining
	5%	6%	BOTH (DO NOT READ)
	2%	2%	NEITHER/OTHER (DO NOT READ)
	2%	4%	UNSURE/REFUSED (DO NOT READ)

For each of the following actions that have been taken or are being considered by officials in Washington, please tell me if that is something you support, oppose or don't feel strongly about it one way or the other. The (first/next) one is ... **(RANDOMIZE)**

(IF SUPPORT/OPPOSE) And, do you **STRONGLY** (choice) or just **SOMEWHAT** (choice) that action?

	Total Support	Total Oppose	Strongly Support	Somewhat Support	Somewhat Oppose	Strongly Oppose	No Strong Feelings	Don't Know/Refused
20. Raising fees to enter some of the country's largest National Parks during the peak seasons	34%^	51%	13%	22%	21%	30%	13%	1%
21. Privatizing the management of campgrounds, visitor centers and other services provided at National Parks and other national public lands	31%	50%	15%	16%	17%	33%	14%	5%
Q22 SPLIT SAMPLED								
22. Expanding how much public land is available to private companies which pay for the ability to drill for oil and gas on public lands	27%^	62%^	14%	12%	14%	49%	8%	3%
Q23 SPLIT SAMPLED								
23. Expanding how much public land is available to private companies which pay for the ability to mine for uranium and other metals on public lands	23%	66%	7%	16%	19%	47%	8%	3%
24. Requiring oil and gas producers who operate on national public lands to use updated equipment and technology to prevent leaks of methane gas during the extraction process and reduce the need to burn off excess natural gas into the air	2018 76%	16%	59%	17%	5%	11%	4%	3%
	2016 84%^	7%^	69%	14%	2%	4%	8%	2%
25. Allowing mining on public lands next to the Grand Canyon National Park, a practice that is currently banned	15%	74%^	9%	6%	11%	64%	5%	5%

ARIZONA: Summary of Actions - Ranked By % Support

Actions	% Support	% Oppose
Requiring oil and gas producers who operate on national public lands to use updated equipment and technology to prevent leaks of methane gas during the extraction process and reduce the need to burn off excess natural gas into the air	76%	16%
Raising fees to enter some of the country's largest National Parks during the peak seasons	34%	51%
Privatizing the management of campgrounds, visitor centers and other services provided at National Parks and other national public lands	31%	50%
Expanding how much public land is available to private companies which pay for the ability to drill for oil and gas on public lands	27%	62%
Expanding how much public land is available to private companies which pay for the ability to mine for uranium and other metals on public lands	23%	66%
Allowing mining on public lands next to the Grand Canyon National Park, a practice that is currently banned	15%	74%

Let me tell you about one more proposal --

26. Three years ago, the U.S. government, Western states and governors created plans to protect habitat for the threatened sage grouse and other wildlife. The Interior Department now says these plans should be changed to allow more oil and gas production and other activities. Opponents of changes say that the plans had public input and were created in collaboration with states to avoid wildlife like the sage grouse becoming endangered.

Would you prefer keeping these plans or changing them?

(IF KEEP/CHANGE) And, do you feel that way STRONGLY or NOT-SO-STRONGLY?

54% STRONGLY KEEP PLANS
12% NOT-SO-STRONGLY KEEP PLANS
10% NOT-SO-STRONGLY CHANGE PLANS
15% STRONGLY CHANGES PLANS

9% DON'T KNOW/REFUSED **(DO NOT READ)**

67%^ TOTAL KEEP PLANS
25% TOTAL CHANGE PLANS

Thinking now about national monuments, which are existing public lands that are managed similar to national parks to prioritize conservation of wildlife habitat, historic and archaeological sites, while allowing for outdoor recreation. Mining, drilling and other industrial activities are NOT allowed, however.

I'm going to read you a list of words and phrases, and please tell me whether you think each one describes national monuments in the West. Does it describe them - **(ROTATE)** -- very well, somewhat well, not very well, or not at all? The (first/next) one is... **(RANDOMIZE)**

	Total Well	Total Not Well	Very Well	Somewhat Well	Not Very Well	Not At All	Don't Know/Refused
Q27-33 SPLIT SAMPLED							
27. Helps the economy of nearby communities	80%	16%	50%	30%	12%	4%	4%
28. National treasures	81%	11%	51%	30%	8%	3%	8%
29. Important places to be conserved for future generations	88%^	9%^	59%	28%	7%	3%	3%
30. Hurts the economy of your state	19%	75%	8%	11%	18%	57%	6%
31. Places to learn about America's history and heritage	88%^	9%^	66%	23%	5%	3%	3%
32. Places I want my children and grandchildren to see someday	94%	5%	78%	16%	4%	1%	2%
33. Ties up too much land that could be put to other uses	22%^	74%^	5%	18%	27%	46%	4%

ARIZONA: Summary of National Monument Descriptions - Ranked By % Very Well

National Monument Descriptions	% Very Well	% Total Well
Places I want my children and grandchildren to see someday	78%	94%
Places to learn about America's history and heritage	66%	88%
Important places to be conserved for future generations	59%	88%
National treasures	51%	81%
Helps the economy of nearby communities	50%	80%
Hurts the economy of your state	8%	19%
Ties up too much land that could be put to other uses	5%	22%

Thinking specifically about two national monuments in Utah - Bears Ears and Grand Staircase Escalante, which contain fossils, petroglyphs, cliff dwellings and wildlife habitat -

34. President Trump announced in December that the administration would remove existing national monument protections and reduce the size of the lands conserved as national monuments by approximately two million acres. Would you say that it is - **(ROTATE)** a good idea or a bad idea - to reduce the size of these national monuments?

(IF GOOD/BAD) And is that a very (good/bad) idea or just somewhat?

10% Very good idea
12% Somewhat good idea
11% Somewhat bad idea
60% Very bad idea

7% UNSURE/REFUSED **(DO NOT READ)**

22% TOTAL GOOD IDEA

71% TOTAL BAD IDEA

35. The administration has indicated that it may eliminate protections or reduce the size of other national monuments in the West as well. Would you say that it is - **(ROTATE)** a good idea or a bad idea - to reduce the size or protections at other national monuments?

(IF GOOD/BAD) And is that a very (good/bad) idea or just somewhat?

10% Very good idea
11% Somewhat good idea
14% Somewhat bad idea
59% Very bad idea

7% UNSURE/REFUSED **(DO NOT READ)**

20%^ TOTAL GOOD IDEA

73% TOTAL BAD IDEA

For each of the following, please tell me if you agree or disagree with that particular statement. The (first/next) one is... **(READ IN ORDER)**

(IF AGREE/DISAGREE) And do you **STRONGLY** (agree/disagree) with that or just **SOMEWHAT** (agree/disagree) with that?

Total Agree	Total Disagree	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Don't Know/ Refused
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Q36-37 SPLIT SAMPLED

36.	Elected officials in Arizona generally reflect my values.	35%	59%	7%	28%	24%	35%	6%
37.	Elected officials in Washington, DC generally reflect my values.	17%	80%	4%	13%	23%	57%	3%

ASKED OF ALL

38.	The increasing number of extreme weather events like wildfires, droughts, and hurricanes is at least in part due to climate change.							
2018		67%	31%	48%	19%	11%	20%	2%
2013		59%	38%	37%	22%	16%	22%	3%

ARIZONA: Summary of Statements - Ranked By % Agree

Statements	% Agree	% Disagree
The increasing number of extreme weather events like wildfires, droughts, and hurricanes is at least in part due to climate change.	67%	31%
Elected officials in Arizona generally reflect my values.	35%	59%
Elected officials in Washington, DC generally reflect my values.	17%	80%

Now, switching topics and thinking about energy here in Arizona-

SPLIT SAMPLED

39. Which one or two of the following sources of energy would you say best represent the future of energy here in Arizona? **(READ AND RANDOMIZE - ACCEPT 2 RESPONSES. RECORD 1st CHOICE, 2nd CHOICE)**

Ranked By 1st Choice

1st	Comb	
74%	86%	Solar power
7%	44%	Wind power
6%	26%	Nuclear
6%	25%	Natural gas
3%	5%	Oil
2%	5%	Coal
1%	1%	ALL/COMBINATION (DO NOT READ)
–	*	NONE OF THESE (DO NOT READ)
1%	4%	UNSURE/REFUSED (DO NOT READ)

SPLIT SAMPLED

40. Which one or two of the following sources of energy would you say has the most potential to help Arizona's economy? **(READ AND RANDOMIZE - ACCEPT 2 RESPONSES. RECORD 1st CHOICE, 2nd CHOICE)**

Ranked By 1st Choice

1st	Comb	
73%	86%	Solar power
9%	53%	Wind power
7%	22%	Nuclear
7%	21%	Natural gas
1%	5%	Coal
1%	5%	Oil
1%	1%	ALL/COMBINATION (DO NOT READ)
–	1%	NONE OF THESE (DO NOT READ)
1%	3%	UNSURE/REFUSED (DO NOT READ)

Thinking specifically about the Colorado River and the rivers and streams which flow into it in Arizona -- I'm going to read you a list of words and phrases, and please tell me whether you think each one describes the Colorado River very well, somewhat well, not very well, or not at all? The (first/next) one is... **(RANDOMIZE)**

	Total Well	Total Not Well	Very Well	Somewhat Well	Not Very Well	Not At All	Don't Know/ Refused
W2-W5 SPLIT SAMPLED							
W2. At risk							
2018	73%	20%	46%	27%	13%	7%	6%
2016	84%	13%^	56%	28%	3%	9%	3%
W3. Critical to Arizona's economy							
2018	88%	10%	68%	20%	7%	3%	2%
2016	89%	6%	72%	17%	3%	3%	5%
W4. A national treasure that should be protected							
2018	94%	4%	77%	17%	1%	3%	1%
2016	93%	5%	80%	13%	5%	*	2%
W5. An attraction for tourism and recreation							
2018	92%^	7%	71%	22%	4%	3%	1%
2016	88%	9%	63%	25%	5%	4%	3%

ARIZONA: Summary of Colorado River Descriptions - Ranked By % Very Well

Colorado River Descriptions	% Very Well	% Total Well
A national treasure that should be protected	77%	94%
An attraction for tourism and recreation	71%	92%
Critical to Arizona's economy	68%	88%
At risk	46%	73%

Thinking about you for a moment...

D1. In what year were you born?

<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	
20%	25%	22%	23%	24%	26%	25%	18 - 34
23%	23%	26%	25%	24%	21%	21%	35 - 44
16%	16%	16%	16%	17%	15%	15%	45 - 54
20%	19%	19%	21%	21%	21%	21%	55 - 64
20%	16%	16%	15%	14%	17%	18%	65 AND ABOVE
1%	1%	1%	*	*	*	*	REFUSED

Do you consider yourself to be... **(RANDOMIZE)**

D2. An outdoor recreation enthusiast

67% Yes
 32% No

1% Don't Know/Refused **(DO NOT READ)**

D3. A conservationist

<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	
60%	58%	62%	62%	60%	68%	77%	Yes
38%	37%	32%	31%	34%	28%	20%	No
2%	5%	5%	7%	5%	4%	3%	Don't Know/Refused (DO NOT READ)

D4. Do you consider yourself a hunter, an angler or both?

<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	
5%	7%	5%	5%	3%	5%	7%	HUNTER ONLY
14%	12%	14%	10%	10%	12%	10%	ANGLER ONLY
17%	14%	19%	18%	15%	17%	21%	BOTH
64%	64%	62%	66%	70%	65%	61%	NO/NEITHER (DO NOT READ)
1%	3%	1%	1%	1%	1%	1%	UNSURE/REFUSED (DO NOT READ)
36%	33%	38%	33%	29%[^]	34%	38%	TOTAL YES
64%	64%	62%	66%	70%	65%	61%	NO/NEITHER

D5. Which of the following types of outdoor recreation, if any, do you participate in regularly?
(RANDOMIZE :1-6) (ACCEPT MULTIPLE RESPONSES)

<u>2013</u>	<u>2018</u>	
56%	63%	Hiking
44%	49%	Camping
24%	30%	Bird watching and viewing wildlife
18%	22%	Boating
17%	18%	Riding an off-road vehicle or snowmobile
16%	17%	Mountain biking
6%	4%	Hunting/Fishing (DO NOT READ)
2%	1%	Sports (DO NOT READ)
1%	–	OTHER (SPECIFY (DO NOT READ))
21%	16%	NONE OF THESE (DO NOT READ)
*	–	UNSURE/REFUSED (DO NOT READ)

And for statistical purposes only...

D6. How would you describe the area where you currently live? (ROTATE)

<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	
37%	39%	27%	28%	31%	31%	28%	A big city
34%	32%	39%	38%	36%	37%	36%	A suburban area
17%	15%	17%	18%	18%	17%	20%	A small town
12%	14%	16%	13%	13%	14%	14%	A rural area
*	1%	1%	2%	*	1%	1%	DON'T KNOW/NOT SURE (DO NOT READ)
–	*	1%	1%	1%	–	*	REFUSED (DO NOT READ)
70%^	70%	66%	67%^	68%^	68%	64%	TOTAL BIG CITY/SUBURBAN
29%	28%	33%	31%	31%	31%	34%	TOTAL SMALL TOWN/RURAL

ASKED IF BIG CITY/SUBURBAN IN D6

D6X. Have you ever lived in a small town or rural area or not?

<u>City/ Burb</u>	<u>Total</u>	
70%	45%	Yes
30%	19%	No
–	–	DON'T RECALL/ REFUSED (DO NOT READ)

