

**ARIZONA METHANE SURVEY**

**Sample** Registered Voters  
**N** n=400 in Arizona  
**Dates** January 31-February 3, 2017  
**MoE** ±4.9%

**LANGUAGE.** First, do you prefer answer the survey in English or Spanish?

English ..... 97%  
Spanish ..... 3

**REG.** Are you currently registered to vote in [STATE]?

Yes ..... 100%  
No or Don't Know ..... 0

**AGE.** For statistical purposes only please give us your age

17 and under ..... 0%  
18-29 ..... 17  
30-44 ..... 33  
45-59 ..... 23  
60+ ..... 26

**1. First, do you think things in the country are headed in the right direction or have they gotten off on the wrong track?**

Right Direction.....	36%
Wrong Track.....	51
Unsure/Don't Know.....	13

**2. Please tell which issue is most important to you?**

Jobs & Economy.....	25%
Health Care .....	15
Social Security & Medicare .....	14
National Security & Foreign Policy .....	12
Immigration .....	12
Education .....	9
Environment.....	4
Climate Change .....	4
Energy .....	2
Other Issue .....	3
Unsure/Don't Know/Refused .....	2

**3. Do you approve or disapprove of the way Donald Trump is handling his job as President?**

Approve.....	42%
Disapprove.....	46
Unsure/Don't Know.....	12

**POLITICAL ENVIRONMENT**

Do you have a favorable or unfavorable view of the following people and institutions?

		<b>FAVORABLE</b>	<b>UNFAVORABLE</b>	<b>NO</b>	<b>NEVER</b>		
		<b>Strng</b>	<b>Smwht</b>	<b>Strng</b>	<b>OPIN. HEARD</b>		
4a.	Donald Trump .....	26	18	10	40	5	1
4b.	Republicans in Congress .....	12	26	23	32	8	1
4c.	Democrats in Congress .....	13	24	23	23	9	1
4d.	The Environmental Protection Agency (or "EPA") .....	15	33	21	15	15	2
4e.	Paul Ryan .....	7	30	18	23	16	6
5a.	Doug Ducey .....	8	28	25	16	17	6
5b.	John McCain .....	11	33	30	18	8	0
5c.	Jeff Flake .....	6	25	25	17	16	12

**IMAGE SUMMARY**

	<b>Total</b>	<b>Total</b>	<b>Net</b>
	<b>Favorable</b>	<b>Unfavorable</b>	
EPA .....	48	36	+12
Paul Ryan .....	38	41	-2
Doug Ducey .....	36	41	-5
John McCain .....	43	48	-5
Donald Trump .....	44	50	-10
Jeff Flake .....	31	42	-11
DEM in Congress .....	37	54	-17
GOP in Congress .....	37	54	-17

**ISSUES**

How important are the following topics in [STATE]? Extremely important, a very important, somewhat important, or not important at all?

	IMPORTANT			NOT Imptnt.	DK/Ref
	<u>Extrmly</u>	<u>Very</u>	<u>Smwht</u>		
8. Growing the Economy.....	55	35	9	1	1
9. Improving Leadership in Washington, DC .....	51	31	12	3	4
10. Reforming Immigration.....	46	27	19	6	3
11. Limiting Size and Scope of Federal Government .....	30	27	25	12	7
12. Improving the Environment.....	39	29	25	6	2
13. Reforming the Tax Code .....	29	35	24	4	8

**ISSUE SUMMARY**

	<b>Total Extremely/Very</b>
Growing the Economy.....	89
Improving Leadership in DC .....	82
Reforming Immigration.....	72
Improving Environment .....	68
Reforming Tax Code.....	64
Limiting Government .....	57

*Now looking at politics and elections.*

**19/20.** Do you consider yourself a Republican, Democrat, or Independent?

Republican .....	34%
Independent, Lean Republican .....	11
Independent.....	10
Independent, Lean Democrat .....	13
Democrat .....	33
Other .....	1

**21.** If the elections for U.S. Congress in 2018 were being held today, would you vote for the Republican Party's candidate or the Democratic Party's candidate for Congress?

Republican Candidate .....	37%
Democrat Candidate .....	39
Would Not Vote .....	3
Unsure / Don't Know .....	22

**22.** If the Republican Primary for U.S. Senate in 2018 were being held today, would you vote for Jeff DeWit, Jeff Flake or Kelli Ward? (Among Republicans)

Jeff Flake .....	25%
Kelli Ward .....	19
Jeff DeWit .....	14
Would Not Vote .....	4
Unsure / Don't Know .....	38

**23.** If the elections for U.S. Senate in 2018 were being held today between, would you vote for the Republican Jeff Flake or the Democrat nominee?

Democrat Nominee .....	33%
Jeff Flake .....	28
Someone else .....	12
Would Not Vote .....	5
Unsure / Don't Know .....	24

*Turning now to topics being discussed today in government and politics.*

**31.** From what you have seen, read or heard, has the world's temperature increased over the last 100 years?

Yes.....	79%
No.....	10
Unsure/ Don't Know .....	11

**32.** From what you have seen, read or heard, if the world's temperature has increased over the last 100 years, do you think it was mostly caused by human activity or by natural patterns?

Climate is Changing .....	79%
<i>Mostly Human Activity</i> .....	25%
<i>Both, but more Human Activity</i> .....	29%
<i>Both equally</i> .....	14%
<i>Both, but more Natural Patterns</i> .....	6%
<i>Mostly Natural Patterns</i> .....	5%
Climate is NOT Changing.....	10%
Unsure / Don't Know .....	2%

Do you support the following proposals that leaders in Washington, DC could take in 2017?

		<b>SUPPORT</b>	<b>OPPOSE</b>	<b>NO</b>		
		<b>Strng</b>	<b>Smwht</b>	<b>Strng</b>	<b>Opinion</b>	
35.	Make it easier for oil companies to export American crude oil to buyers overseas .....	25	27	21	12	15
36.	Continue tax incentives for solar and wind energy production.....	41	36	10	6	7
37.	Repeal the Clean Power Plan, which was put place last year to limit carbon emissions from power plants.....	18	23	19	29	12
38.	Open up national public lands and offshore areas to more drilling for oil and gas and mining for coal or other resources .....	20	25	19	25	11
39.	Require oil and gas producers to use updated equipment and technology to limit leaks of methane gas and reduce the release of excess natural gas into the air .....	53	31	5	4	7
40.	Modernize our infrastructure, including airports, railways, pipelines and power transmission grid .....	45	38	7	2	7

41. Do you favor or oppose the Environmental Protection Agency, or EPA, updating standards with stricter limits on air pollution?

Strongly Favor.....	36%
Somewhat Favor .....	37
Somewhat Oppose.....	9
Strongly Oppose .....	9
Do not know / Unsure .....	10

42. The Environmental Protection Agency, or EPA, announced limits on methane emissions from new oil and gas facilities for the first time. Do you favor or oppose these limits on methane emissions from new oil and gas facilities?

Strongly Favor.....	32%
Somewhat Favor .....	37
Somewhat Oppose.....	11
Strongly Oppose .....	7
Do not know / Unsure .....	13

43. The United States Bureau of Land Management, announced a similar rule to reduce natural gas waste from oil and gas facilities that operate on federal and tribal lands. It requires private companies that drill for oil and gas on public lands use updated technology and equipment to reduce the leaking, venting and flaring of methane which currently wastes \$330 million per year in taxpayer-owned resources. Do you favor or oppose this rule?

Strongly Favor.....	39%
Somewhat Favor .....	36
Somewhat Oppose.....	7
Strongly Oppose .....	6
Do not know / Unsure .....	12



45. Two statements about the Methane limits.

Supporters say: Leaky oil and gas facilities emit methane pollution that is 80 times more potent than carbon pollution, spew toxic pollutants that cause cancer and childhood asthma attacks, and waste billions of dollars' worth of natural gas. The EPA's rules will stop oil and gas companies from spewing hundreds of thousands of tons of this dangerous pollution in our communities and prevent this waste of American energy by requiring the industry to use proven, low-cost fixes to stop these leaks.

Opponents say: American natural gas is good for our economy and our environment. It's a cheap and plentiful resource that burns clean, powering America towards a clean energy future. The natural gas industry has already cut methane emissions by over 38 percent and is working to cut more. Imposing a one-size-fits all scheme on the industry could stifle innovation, reduce the production of American energy, cost thousands of jobs, and increase the cost of energy for American consumers and businesses.

After reading these statements, do you favor or oppose the EPA limits on methane emissions from new oil and gas facilities?

Strongly Favor.....	30%
Somewhat Favor .....	32
Somewhat Oppose.....	19
Strongly Oppose .....	6
Do not know / Unsure .....	13

## METHANE ISSUES

Do you agree or disagree with the following statements about Methane emissions?

		<b>AGREE</b> <b>Strng Smwht</b>	<b>DISAGREE</b> <b>Smwht Strng</b>	<b>NO</b> <b>Opinion</b>		
51.	The US loses about \$2 billion worth of natural gas each year through Methane Gas leaks. The costs of regulation would be offset by reducing the waste from leaks and releases .....	23	43	12	3	19
52.	Regulating Methane emissions will help Natural Gas to become a cleaner and cheaper option to coal and oil as we transition towards using more renewable energy.....	31	43	12	4	10
53.	Reducing Methane emissions will cut back on air pollution and smog, which will help improve the public's health against harmful conditions such as asthma and respiratory disease. ..	39	38	11	4	9
54.	Methane Gas is a greenhouse gas that is 84 times more potent than carbon dioxide. We should set federal standards to limit Methane emissions to reduce its impact on climate change .....	34	32	14	7	13
56.	Many Natural Gas companies have voluntarily reduced Methane emissions at their oil and gas production sites since they have found it to be cost-effective. We should set standards so that their competitors do the same .....	29	43	13	5	11

		<b>AGREE</b>	<b>DISAGREE</b>	<b>NO</b>		
		<b><u>Strng</u></b>	<b><u>Smwht</u></b>	<b><u>Strng</u></b>	<b><u>Opinion</u></b>	
61.	Regulating Methane emissions from oil and gas facilities will do little impact environment since most methane comes from agricultural sector.....	13	28	24	20	15
62.	Methane gas regulation should be left to states to determine .....	15	22	25	25	13
63.	Any federal action will be too costly to our fragile economy. We should prioritize jobs and economic growth. ....	18	28	24	18	13

Last two statements on the Methane topic. Do you agree or disagree?

	<b>AGREE</b>	<b>DISAGREE</b>	<b>NO</b>		
	<b><u>Strng</u></b>	<b><u>Smwht</u></b>	<b><u>Strng</u></b>	<b><u>Opinion</u></b>	
67. We lose hundreds of millions of dollars in valuable natural gas every year due to leaks and venting of excess gas at drilling operations on federal lands. At the same time, toxic and smog-forming pollutants like benzene are released into the environment. We should require oil and gas companies to update their equipment so that otherwise wasted gas can be captured and brought to market.....	41	38	7	3	12
68. Reducing leaks and venting is vital for natural gas to deliver on its promise as a cleaner source of homegrown energy. We should require oil and gas companies update their equipment so that achieve that goal.....	39	40	9	3	9

**2018 ELECTION**

*Finally, on next year's Congressional elections.*

71. If Republicans repeal or roll back environmental standards for methane emissions this year, would that make you more or less likely to vote Republican in 2018, or would it not make a difference?

Much More Likely .....	10%
Somewhat More Likely.....	14
No Difference .....	37
Somewhat Less Likely.....	9
Much Less Likely.....	23
Do not know / Unsure .....	8

72. If Republicans repeal or roll back the Clean Power Plan that limits carbon pollution from power plants, would that make you more or less likely to vote Republican in 2018, or would it not make a difference?

Much More Likely .....	11%
Somewhat More Likely.....	12
No Difference .....	36
Somewhat Less Likely.....	10
Much Less Likely.....	24
Do not know / Unsure .....	8

## DEMOGRAPHICS

*A few final questions for statistical purposes only.*

**SEX.** Please give us your gender

Male .....	47%
Female .....	53

**ETHN.** How would you describe your race or ethnicity?

White .....	74%
Black .....	4
Hispanic or Latino .....	17
Asian .....	3
Other .....	2

**2016P.** Thinking back to the 2016 Election, do you recall voting in the presidential PRIMARY/CAUCUS ?

Yes, Republican Primary/Caucus .....	39%
Yes, Democratic Primary/Caucus [GO TO 2016D] .....	40
Did not vote .....	21

**2016R.** [IF 2016P=1] Who did vote for in the 2016 Republican PRIMARY/CAUCUS?

Donald Trump .....	56%
Ted Cruz .....	14
Marco Rubio .....	8
John Kasich .....	5
Other .....	17

**2016D.** [IF 2016P=2] Do you recall voting for Hillary Clinton, Bernie Sanders or someone else?

Hillary Clinton .....	57%
Bernie Sanders .....	35
Other .....	8

**2016G.** Thinking back to the 2016 Presidential Election, did you vote for Hillary Clinton, Donald Trump or someone else?

Hillary Clinton .....	40%
Donald Trump .....	40
Other / Did not vote .....	20

**IDEOLOGY.** Would you consider yourself conservative, moderate, or liberal?

Very Conservative .....	14%
Somewhat Conservative .....	19
Moderate .....	35
Somewhat Liberal.....	14
Very Liberal.....	11
Unsure / Don't Know .....	7

**MARITAL.** Which of the following best describes your current marital status?

Married.....	57%
Single and Never Married .....	27
Divorced or Separated.....	14
Widowed .....	3
Unsure / Don't Know .....	1

**EMPLOY.** How would you describe your employment status?

Employed Full-Time .....	45%
Employed Part-Time .....	11
Unemployed.....	16
Retired.....	23
Student .....	4
Unsure / Don't Know .....	1

**EDUCATION.** What is the highest level of school you have completed?

High School or less .....	17%
Some College .....	32
College Degree .....	38
Post-Graduate Degree.....	14

**INCOME.** Which range includes your household's total annual income?

Under \$20,000 per year .....	10%
Between \$20,000 and \$30,000 per year.....	9
Between \$30,000 and \$40,000 per year.....	10
Between \$40,000 and \$50,000 per year.....	10
Between \$50,000 and \$60,000 per year.....	16
Between \$60,000 and \$75,000 per year.....	12
Between \$75,000 and \$100,000 per year .....	16
Between \$100,000 and \$150,000 per year .....	11
Over \$150,000 per year .....	4
Unsure / Don't Know .....	2

**LABOR.** Are you or someone from your household a member of a labor union?

Yes, I am.....	7%
Yes, a member of my household is.....	5
No.....	87
Unsure / Don't Know .....	1