GALLUP NEWS SERVICE

GALLUP POLL SOCIAL SERIES: ENVIRONMENT

-- FINAL TOPLINE --

Timberline: 937008 JT: 274 Princeton Job #: 19-03-005

> Jeff Jones, Lydia Saad March 1-10, 2019

Results are based on telephone interviews conducted March 1-10, 2019 with a random sample of -1,039—adults, ages 18+, living in all 50 U.S. states and the District of Columbia. For results based on this sample of national adults, the margin of sampling error is ± 4 percentage points at the 95% confidence level.

For results based on the sample of -538—national adults in Form A, the margin of sampling error is ± 5 percentage points.

For results based on the sample of -501—national adults in Form B, the margins of sampling error is ±5 percentage points.

Interviews are conducted with respondents on landline telephones and cellular phones, with interviews conducted in Spanish for respondents who are primarily Spanish-speaking. Each sample of national adults includes a minimum quota of 70% cell phone respondents and 30% landline respondents, with additional minimum quotas by time zone within region. Landline and cell phone telephone numbers are selected using random digit dial methods. Gallup obtained sample for this study from Survey Sampling International. Landline respondents are chosen at random within each household on the basis of which member has the next birthday.

Samples are weighted to correct for unequal selection probability, non-response, and double coverage of landline and cell users in the two sampling frames. They are also weighted to match the national demographics of gender, age, race, Hispanic ethnicity, education, region, population density, and phone status (cell phone-only/landline only/both and cell phone mostly). Demographic weighting targets are based on the March 2018 Current Population Survey figures for the aged 18 and older U.S. population. Phone status targets are based on the January-June 2018 National Health Interview Survey. Population density targets are based on the 2010 census. All reported margins of sampling error include the computed design effects for weighting.

In addition to sampling error, question wording and practical difficulties in conducting surveys can introduce error or bias into the findings of public opinion polls. For questions about how this survey was conducted, please contact <u>galluphelp@gallup.com</u>.

23. Do you believe that new environmental and energy laws designed to reduce global warming will – [ROTATED: definitely hurt the economy, probably hurt the economy, have no effect either way on the economy, probably help the economy, (or) definitely help the economy]?

	Definitely <u>hurt</u>	Probably <u>hurt</u>	No effect	Probably <u>help</u>	Definitely <u>help</u>	No <u>opinion</u>
2019 Mar 1-10	15	26	19	26	11	3
2010 Mar 4-7 2009 Dec 11-13	20 19	29 23	18 17	24 27	6 9	3 5

Q.27/28 SPLIT SAMPLED

27. (*Asked of a half sample*) Do you think that as a country, the United States should put more emphasis, less emphasis, or about the same emphasis as it does now on producing domestic energy from each of the following sources—[RANDOM ORDER]?

BASED ON - 538 - NATIONAL ADULTS IN FORM A

2019 Mar 1-10 (sorted by "more emphasis)	More emphasis	Less emphasis	Same emphasis
Solar power	80	7	12
Wind	70	11	18
Natural gas	46	19	33
Nuclear power	32	35	31
Oil	28	43	29
Coal	22	50	25

FULL RESULTS AND TRENDS:

A. Coal

	More emphasis	Less emphasis	Same as now	No opinion
2019 Mar 1-10 ^	22	50	25	2
2015 Mar 5-8 2013 Mar 7-10	28 31	43 41	27 25	2 3

B. Oil

	More emphasis	Less emphasis	Same as now	No opinion
2019 Mar 1-10 ^	28	43	29	*
2015 Mar 5-8 2013 Mar 7-10	41 46	30 32	27 21	1 1

Q.27 (EMPHASIS ON U.S. ENERGY SOURCES) CONTINUED

C. Natural gas

	More emphasis	Less emphasis	Same as now	No opinion
2019 Mar 1-10 ^	46	19	33	1
2015 Mar 5-8 2013 Mar 7-10	55 65	12 10	32 24	2 2

^ Asked of a half sample

D. Wind

	More emphasis	Less emphasis	Same as now	<u>No opinion</u>
2019 Mar 1-10 ^	70	11	18	1
2015 Mar 5-8 2013 Mar 7-10	70 71	14 12	14 16	1 1

E. Solar power

	More emphasis	Less emphasis	Same as now	No opinion
2019 Mar 1-10 ^	80	7	12	1
2015 Mar 5-8 2013 Mar 7-10	79 76	9 10	12 12	1 2

F. Nuclear power

	More emphasis	Less emphasis	Same as now	No opinion
2019 Mar 1-10 ^	32	35	31	2
2015 Mar 5-8 2013 Mar 7-10	35 37	33 32	28 28	4 3

^ Asked of a half sample

28. (Asked of a half sample) Finally, we'd like to ask you about proposals to dramatically reduce the use of fossil fuels such as gas, oil and coal in the U.S. within the next 10 or 20 years, in order to reduce greenhouse gas emissions. Would you strongly favor, favor, oppose or strongly oppose establishing policies aimed at achieving this?

BASED ON - 501 - NATIONAL ADULTS IN FORM B

	Strongly <u>favor</u>	<u>Favor</u>	Oppose	Strongly oppose	No <u>opinion</u>	Total <u>Favor</u>	Total <u>Oppose</u>
2019 Mar 1-10 ^	27	33	19	17	3	60	36

29. (*Asked of a half sample*) How likely do you think it is that the U.S. could dramatically reduce the use of fossil fuels within the next 10 or 20 years – very likely, likely, unlikely, or very unlikely?

BASED ON - 501 - NATIONAL ADULTS IN FORM B

	Very likely	Likely	<u>Unlikely</u>	Very unlikely	No opinion
2019 Mar 1-10 ^	22	38	25	14	1

^ Asked of a half sample

QN23: Reduce Global Warming BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	der	Rad	ce I		Age			Education			Party I.D.			Ideology	
						Non-				College	Some	HS Grad	1 C C		Democr		Moderat	
		Total	Male	Female	White	white	18-34	35-54	55+	Grad	College	or Less	an	dent	at	ative	e	Liberal
Total	Unweighted n	1039	547	492	745	266	187	305	527	448	346	237	306	396	312	397	335	26
	Weighted n	1039	507	532	679	341	272	356	393	336	298	400	274	433	309	390	345	264
Definitely hurt the economy,		152	93	58	100	50	26	57	65	52	32	67	64	58	25	103	27	1
		15%	18%	11%	15%	15%	10%	16%	16%	15%	11%	17%	23%	13%	8%	26%	8%	5%
Probably hurt the economy, (or)		275	137	138	185	87	78	92	97	80	72	120	87	118	61	118	96	52
		26%	27%	26%	27%	25%	29%	26%	25%	24%	24%	30%	32%	27%	20%	30%	28%	20%
Have no effect either way on		197	91	105	143	52	46	78	69	58	61	78	52	78	63	72	65	54
the economy,		19%	18%	20%	21%	15%	17%	22%	17%	17%	21%	19%	19%	18%	20%	18%	19%	21%
Probably help the economy,		271	114	157	160	105	87	90	93	99	98	74	47	118	102	59	116	80
(or)		26%	23%	30%	24%	31%	32%	25%	24%	30%	33%	18%	17%	27%	33%	15%	34%	32%
Definitely help the economy,		111	63	48	67	44	34	29	48	41	29	40	10	51	50	18	35	54
		11%	12%	9%	10%	13%	13%	8%	12%	12%	10%	10%	4%	12%	16%	5%	10%	20%
Don't know/Refused		33	8	25	25	5	1	11	21	6	6	21	14	9	8	21	6	
		3%	2%	5%	4%	1%	0%	3%	5%	2%	2%	5%	5%	2%	3%	5%	2%	19

QN27A: Emphasis: Coal BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Gender		Rad	ce I		Age			Education	Education					Ideology	
						Non-				College			Republic	Indepen	Democr		Moderat	
		Total	Male	Female	White	white	18-34	35-54	55+	Grad	College	or Less	an	dent	at	ative	е	Liberal
Total Unweighted n	538	297	241	379	143	100	156	272	236	172	125	151	206	166	200	178	141	
	Weighted n	534	279	254	345	179	140	185	201	178	152	201	142	228	153	198	180	141
More emphasis		119	68	51	66	51	30	44	42	19	40	59	43	51	24	65	33	20
		22%	24%	20%	19%	28%	22%	24%	21%	10%	26%	29%	30%	22%	15%	33%	18%	14%
Less emphasis		267	146	121	180	82	82	78	104	122	74	71	41	124	96	59	103	96
		50%	52%	48%	52%	46%	58%	42%	52%	68%	49%	35%	29%	55%	63%	30%	57%	68%
Same as now		136	64	72	98	37	28	53	52	37	35	62	56	47	30	66	44	24
		25%	23%	28%	28%	21%	20%	29%	26%	21%	23%	31%	39%	21%	20%	33%	24%	17%
(DK)/(Refused)		12	1	10	2	9	-	9	3	1	2	8	2	6	3	8	-	1
		2%	1%	4%	1%	5%	-	5%	1%	0%	1%	4%	1%	3%	2%	4%	-	1%

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QN27B: Emphasis: Oil BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	nder	Rac	ce I		Age			Education			Party I.D.			Ideology	
		Total	Male	Female	White	Non- white	18-34	35-54	55+	College Grad	Some	HS Grad or Less	Republic an	Indepen dent	Democr at	Conserv ative	Moderat	Liberal
Total	Unweighted n	538	297	241	379	143	100	156	272		172			206			°.	
	Weighted n	534	279	254	345	179	140	185	201	178	152	201	142	228	153	198	180	141
More emphasis		148	71	77	87	57	30	49	66	30	47	69	53	57	35	74	45	25
		28%	25%	30%	25%	32%	21%	26%	33%	17%	31%	34%	37%	25%	23%	37%	25%	17%
_ess emphasis		231	127	104	156	72	76	73	79	106	63	63	34	110	82	55	80	89
		43%	46%	41%	45%	40%	54%	40%	39%	59%	41%	31%	24%	48%	54%	28%	44%	63%
Same as now		153	81	72	102	50	34	62	55	43	42	69	55	60	36	69	55	27
		29%	29%	28%	30%	28%	24%	34%	27%	24%	27%	34%	38%	26%	23%	35%	31%	19%
DK)/(Refused)		2 -		2	0	-	-	0	1	0	0	-	-	-	0	-	-	(
		0% ·	-	1%	0%	-	-	0%	1%	0%	0%	-	-	-	0%	-	-	0%

QN27C: Emphasis: Natural Gas BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	nder	Rad	ce I		Age			Educatior			Party I.D.			Ideology	
						Non-				College	Some		Republic	Indepen	Democr	Conserv	Moderat	
		Total	Male	Female	White	white	18-34	35-54	55+	Grad	College	or Less	an	dent	at	ative	е	Liberal
Total	Unweighted n	538	297	241	379	143	100	156	272	236	172	125	151	206	166	200	178	14
	Weighted n	534	279	254	345	179	140	185	201	178	152	201	142	228	153	198	180	14
More emphasis		248	132	115	160	82	57	84	103	85	71	89	79	96	69	108	81	52
		46%	47%	45%	46%	46%	41%	45%	52%	48%	47%	44%	56%	42%	45%	55%	45%	37%
ess emphasis		102	57	45	62	38	39	29	32	36	32	34	10	60	29	20	37	39
		19%	20%	18%	18%	21%	28%	16%	16%	20%	21%	17%	7%	26%	19%	10%	21%	28%
Same as now		178	90	88	121	55	44	67	64	55	48	75	53	68	54	66	62	48
		33%	32%	35%	35%	31%	32%	36%	32%	31%	32%	37%	37%	30%	35%	33%	34%	34%
DK)/(Refused)		6	1	6	1	4	-	4	2	1	1	3	0	4	1	4	-	
		1%	0%	2%	0%	2%	-	2%	1%	1%	1%	2%	0%	2%	0%	2%	-	19

GALLUP ENVIRONMENT March 2019 Public Release Data

QN27D: Emphasis: Wind BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	der	Rad	ce I		Age			Education			Party I.D.			Ideology	
		Total	Male	Female	White	Non- white	18-34	35-54	55+	College Grad	Some College		Republic an	Indepen dent	Democr at	Conserv ative	Moderat e	Liberal
Total	Unweighted n	538	297	241	379	143	100	156	272	236	172	125	151	206	166	200	178	141
	Weighted n	534	279	254	345	179	140	185	201	178	152	201	142	228	153	198	180	141
<i>l</i> ore emphasis		373	189	184	244	124	110	116	141	139	110	123	73	169	124	107	134	123
		70%	68%	72%	71%	69%	78%	63%	70%	78%	72%	61%	51%	74%	81%	54%	75%	88%
Less emphasis		60	38	22	39	18	6	25	27	17	13	29	26	20	13	38	17	2
		11%	13%	9%	11%	10%	5%	13%	14%	10%	9%	15%	19%	9%	9%	19%	10%	2%
Same as now		95	53	42	61	32	24	39	31	22	27	45	42	37	13	49	29	15
		18%	19%	16%	18%	18%	17%	21%	15%	12%	18%	22%	30%	16%	8%	25%	16%	11%
DK)/(Refused)		6	0	6	0	5	-	5	1	0	2	3	1	2	3	4	-	-
		1%	0%	2%	0%	3%	-	3%	1%	0%	1%	2%	0%	1%	2%	2%	-	-

QN27E: Emphasis: Solar Power BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	der	Rad	ce I		Age			Educatior			Party I.D.			Ideology	
						Non-				College			Republic				Moderat	
		Total	Male	Female	White	white	18-34	35-54	55+	Grad	College	or Less	an	dent	at	ative	е	Liberal
Total	Unweighted n	538	297	241	379	143	100	156	272	236	172	125	151	206	166	200	178	141
	Weighted n	534	279	254	345	179	140	185	201	178	152	201	142	228	153	198	180	141
More emphasis		429	223	205	277	147	131	140	153	154	128	146	95	193	134	137	153	130
		80%	80%	81%	80%	82%	93%	76%	76%	87%	84%	72%	67%	85%	88%	69%	85%	92%
Less emphasis		35	25	10	27	5	2	15	17	14	6	13	19	8	6	18	12	1
		7%	9%	4%	8%	3%	2%	8%	8%	8%	4%	7%	13%	3%	4%	9%	7%	1%
Same as now		66	31	35	40	24	7	29	28	10	16	40	27	24	13	40	15	ę
		12%	11%	14%	12%	13%	5%	16%	14%	6%	10%	20%	19%	10%	8%	20%	8%	7%
DK)/(Refused)		5 -		5	1	3	-	2	3	0	2	2	1	3	-	2	0	-
		1% ·		2%	0%	2%	-	1%	1%	0%	1%	1%	1%	1%	-	1%	0%	-

GALLUP ENVIRONMENT March 2019 Public Release Data

QN27F: Emphasis: Nuclear Power BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	der	Rad	ce I		Age			Education			Party I.D.			Ideology	
		Total	Male	Female	White	Non- white	18-34	35-54	55+	College Grad	Some College		Republic an	Indepen dent	Democr at	Conserv ative	Moderat e	Liberal
Total	Unweighted n	538	297	241	379	143	100	156	272	236	172	125	151	206	166	200	178	141
	Weighted n	534	279	254	345	179	140	185	201	178	152	201	142	228	153	198	180	141
More emphasis		173	111	62	118	52	41	64	66	74	41	57	57	72	41	77	47	44
		32%	40%	24%	34%	29%	29%	35%	33%	41%	27%	28%	40%	32%	27%	39%	26%	31%
Less emphasis		185	89	96	106	76	49	59	71	52	60	72	38	83	60	66	73	4(
		35%	32%	38%	31%	42%	35%	32%	35%	29%	40%	36%	27%	36%	39%	33%	41%	29%
Same as now		165	78	87	118	45	50	57	58	53	48	65	46	66	50	48	60	55
		31%	28%	34%	34%	25%	35%	31%	29%	29%	32%	32%	32%	29%	33%	24%	34%	39%
(DK)/(Refused)		11	1	9	2	6	-	5	6	-	2	8	1	7	2	7	-	2
/		2%	0%	4%	1%	3%	-	3%	3%	-	2%	4%	1%	3%	1%	3%	-	1%

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	QN27 Summary Table																
	Total	Ger	nder	Rad	ce I		Age			Education			Party I.D.			Ideology	
	Total	Male	Female	White	Non- white	18-34	35-54	55+	College Grad	Some College		Republic an	Indepen dent	Democr at	Conserv ative	Moderat e	Liberal
Solar Power	80%	80%	81%	80%	82%	93%	76%	76%	87%	84%		67%	85%	88%	69%	85%	
Wind	70%	68%	72%	71%	69%	78%	63%	70%	78%	72%	61%	51%	74%	81%	54%	75%	88%
Natural Gas	46%	47%	45%	46%	46%	41%	45%	52%	48%	47%	44%	56%	42%	45%	55%	45%	37%
Nuclear Power	32%	40%	24%	34%	29%	29%	35%	33%	41%	27%	28%	40%	32%	27%	39%	26%	31%
Oil	28%	25%	30%	25%	32%	21%	26%	33%	17%	31%	34%	37%	25%	23%	37%	25%	17%
Coal	22%	24%	20%	19%	28%	22%	24%	21%	10%	26%	29%	30%	22%	15%	33%	18%	14%

QN28: Favor Policies to reduce use of fossil fuels BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	nder	Rad	ce I		Age			Education			Party I.D.			Ideology	
						Non-				College	Some		Republic					
		Total	Male	Female	White	white	18-34	35-54	55+	Grad	College	or Less	an	dent	at	ative	-	Liberal
Total	Unweighted n	501	250	251	366	123	87	149	255	212	174	112	155	190	146	197	157	126
	Weighted n	505	228	277	334	162	131	171	192	158	146	199	132	205	156	192	165	124
Strongly favor		139	60	78	95	42	49	34	54	67	37	35	11	58	70	26	40	69
		27%	26%	28%	28%	26%	38%	20%	28%	42%	25%	17%	8%	28%	45%	14%	24%	56%
Favor		164	65	100	101	59	52	64	47	43	53	68	38	66	55	36	81	41
		33%	64 65 100 % 28% 36%	30%	37%	39%	38%	25%	27%	36%	34%	29%	32%	35%	19%	49%	33%	
Oppose		98	55	43	65	32	14	32	49	21	29	47	40	40	17	64	29	3
		19%	24%	16%	19%	20%	10%	19%	26%	13%	20%	23%	31%	19%	11%	33%	18%	2%
Stronglyoppose		87	48	39	60	25	17	32	33	26	22	40	36	32	13	57	14	10
		17%	21%	14%	18%	16%	13%	19%	17%	16%	15%	20%	27%	16%	8%	30%	8%	8%
(DK)/(Refused)		17	0	17	14	3	-	9	8	1	5	11	6	9	1	10	1	1
		3%	0%	6%	4%	2%	-	5%	4%	0%	4%	5%	5%	5%	1%	5%	 Moderat e 7 157 2 165 6 40 6 24% 6 811 6 49% 4 29 6 18% 7 14 6 8% 0 1 	1%

QN29: U.S. reduce use of fossil fuels within the next 10 or 20 years BY Total + Gender + Race I + Age + Education + Party I.D. + Ideology

			Ger	nder	Rad	ce I		Age			Education			Party I.D.			Ideology	
						Non-				College	Some		Republic		Democr	Conserv		
		Total	Male	Female	White	white	18-34	35-54	55+	Grad	College	or Less	an	dent	at	ative	e	Liberal
Total	Unweighted n	501	250	251	366	123	87	149	255	212	174	112	155	190	146	197	157	126
	Weighted n	505	228	277	334	162	131	171	192	158	146	199	132	205	156	192	165	124
Verylikely		112	58	53	74	37	26	44	40	41	25	46	18	49	45	30	37	39
		22%	26%	19%	22%	23%	20%	26%	21%	26%	17%	23%	14%	24%	29%	15%	22%	31%
Likely		192	70	122	122	66	44	75	71	52	66	74	53	75	59	67	75	44
		38%	31%	44%	37%	41%	34%	44%	37%	33%	45%	37%	40%	37%	38%	35%	46%	36%
Unlikely		126	54	72	86	37	35	35	55	41	40	45	36	48	37	50	38	31
		25%	24%	26%	26%	23%	26%	21%	29%	26%	27%	23%	27%	23%	24%	26%	23%	25%
Veryunlikely		72	45	27	50	21	26	17	24	24	15	32	23	34	15	44	15	ç
		14%	20%	10%	15%	13%	20%	10%	13%	15%	10%	16%	18%	16%	9%	23%	9%	8%
Don't know/Refused		3	0	2	2	0	-	-	3	0	1	2	1	0	1	1	-	-
Don't know/Refused		1%	0%	1%	1%	0%	-	-	1%	0%	0%	1%	1%	0%	1%	1%	-	-