



**S1. Are you currently registered to vote?**

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Yes, registered to vote .....	100%	100%	100%
No, not registered to vote.....	-	-	-
Not sure about registration status .....	-	-	-

**P1. When it comes to politics, do you generally think of yourself as a strong Democrat, not very strong Democrat, strong Republican, not very strong Republican, an independent, or some other political party? [IF INDEPENDENT/OTHER] Do you think of yourself as closer to the Democratic Party or the Republican Party?**

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>	<u>Nationwide 2018</u>	<u>Opinion leaders 2018</u>
Strong Democrat .....	28%	-	39%	23%	33%
Weak Democrat.....	14	-	10	14	12
Independent / Closer to the Democrats .....	5	-	6	8	9
Independent.....	12	41	11	19	11
Independent / Closer to the Republicans .....	5	18	6	9	5
Weak Republican .....	12	41	14	13	12
Strong Republican.....	25	-	14	15	18
DEMOCRAT (NET) .....	42%	-	49	36	44
INDEPENDENT (NET) .....	22	59	23	36	25
REPUBLICAN (NET).....	36	41	28	28	30
DEMOCRAT W/ LEANERS (NET).....	47%	-	55	45	54
REPUBLICAN W/ LEANERS (NET).....	42	59	34	37	35

**Q1. How much have you read, heard, or seen about solar energy in the past 12 months?**

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
A lot .....	17%	14%	35%
Some .....	50	52	52
Not very much .....	25	25	12
Nothing at all .....	8	9	1
A LOT/SOME (NET).....	67%	66	87
NOT MUCH/NOTHING AT ALL (NET) .....	33	34	13

**Q2. [IF SEEN, READ, OR HEARD ANYTHING] What specifically have you read, heard, or seen about solar energy?**

Nationwide:

Opinion leaders:



B1. Please read this series of statements. For each, please indicate how much you agree with it on a scale from 0 to 10, where “0” is “disagree completely” and “10” is “agree completely.” If you aren’t sure, please choose 5.

	AGREE		Neutral (5)	DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)		Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
• Utilities should allow power sources to compete to provide the lowest cost source of electricity .....								
<b>Nationwide</b>	44%	36	16	4	2	79%	5	7.69
<b>Center-Right</b>	40%	39	17	2	2	79%	4	7.62
<b>Opinion leaders</b>	51%	39	7	2	*	91%	2	8.23
• People who have solar panels should receive a fair credit for selling the solar power they generate back to their neighbors and the larger electric grid .....								
<b>Nationwide</b>	41%	35	18	4	3	76%	7	7.52
<b>Center-Right</b>	38%	36	18	6	2	74%	8	7.34
<b>Opinion leaders</b>	49%	38	10	2	1	87%	3	8.16
<b>Nationwide 2018</b>	39%	39	18	3	1	77%	4	7.58
<b>Opinion leaders 2018</b>	55%	28	10	4	2	83%	6	8.04
• My electric utility should get more of its electricity from solar power .....								
<b>Nationwide</b>	41%	37	15	4	3	77%	8	7.51
<b>Center-Right</b>	36%	33	23	4	4	69%	8	7.12
<b>Opinion leaders</b>	54%	34	6	4	1	88%	5	8.22
<b>Nationwide 2018</b>	38%	38	17	5	2	76%	7	7.49
<b>Opinion leaders 2018</b>	55%	31	8	4	2	87%	6	8.17
• My electric utility should get more of its electricity from wind power .....								
<b>Nationwide</b>	36%	36	16	8	5	71%	13	7.09
<b>Center-Right</b>	26%	41	19	8	7	67%	15	6.62
<b>Opinion leaders</b>	45%	34	10	7	3	79%	10	7.59
<b>Nationwide 2018</b>	32%	39	21	6	2	71%	8	7.15
<b>Opinion leaders 2018</b>	52%	33	9	5	2	85%	7	7.94
• Electric utilities should be required to get at least 50 percent of their electricity from renewable sources like solar and wind by the year 2030 .....								
<b>Nationwide</b>	38%	31	19	6	6	70%	12	7.09
<b>Center-Right</b>	30%	33	19	10	8	63%	18	6.51
<b>Opinion leaders</b>	46%	37	6	4	7	83%	11	7.61
<b>Nationwide 2018</b>	38%	33	16	8	4	71%	13	7.16
<b>Opinion leaders 2018</b>	50%	32	10	4	4	82%	8	7.81

B1. Please read this series of statements. For each, please indicate how much you agree with it on a scale from 0 to 10, where “0” is “disagree completely” and “10” is “agree completely.” If you aren’t sure, please choose 5.

	AGREE			DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)	Neutral (5)	Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
• I trust my electric utility to offer the best products at the best prices possible.....								
<b>Nationwide</b>	23%	34	21	14	8	57%	22	6.12
<b>Center-Right</b>	17%	35	23	16	10	51%	26	5.68
<b>Opinion leaders</b>	23%	44	14	11	7	67%	18	6.49
<b>Nationwide 2018</b>	26%	28	21	17	8	54%	25	6.06
<b>Opinion leaders 2018</b>	29%	36	14	15	7	65%	21	6.47
• My electric utility should get more of its electricity from natural gas power.....								
<b>Nationwide</b>	18%	33	32	11	6	51%	18	6.06
<b>Center-Right</b>	14%	39	29	12	7	52%	19	5.84
<b>Opinion leaders</b>	29%	35	17	13	6	64%	19	6.52
<b>Nationwide 2018</b>	16%	36	31	11	6	52%	16	6.01
<b>Opinion leaders 2018</b>	31%	44	18	5	2	75%	7	7.12
• My electric utility makes it pretty easy for people to install solar panels if they want to.....								
<b>Nationwide</b>	20%	24	40	9	6	44%	16	5.95
<b>Center-Right</b>	14%	27	43	11	6	41%	16	5.72
<b>Opinion leaders</b>	26%	37	25	7	4	63%	12	6.59
• My electric utility should get more of its electricity from nuclear power.....								
<b>Nationwide</b>	22%	27	26	14	11	49%	25	5.83
<b>Center-Right</b>	19%	29	26	13	13	47%	26	5.54
<b>Opinion leaders</b>	24%	35	18	13	10	59%	23	6.19
<b>Nationwide 2018</b>	11%	28	33	18	11	38%	29	5.18
<b>Opinion leaders 2018</b>	25%	32	20	12	10	58%	22	6.10
• My electric utility should get more of its electricity from coal power.....								
<b>Nationwide</b>	16%	21	22	19	23	36%	42	4.70
<b>Center-Right</b>	10%	23	31	17	19	33%	36	4.63
<b>Opinion leaders</b>	18%	26	11	17	28	44%	45	4.70
<b>Nationwide 2018</b>	10%	20	25	19	25	30%	44	4.24
<b>Opinion leaders 2018</b>	19%	23	12	17	28	43%	45	4.70

**B2.** Here is another series of statements. Again, for each statement please indicate how much you agree with it on a scale from 0 to 10, where “0” is “disagree completely” and “10” is “agree completely.” If you aren’t sure, please choose 5.

	AGREE			DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)	Neutral (5)	Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
• Solar power is clean .....								
<b>Nationwide</b>	48%	35	11	3	3	83%	6	7.88
<b>Center-Right</b>	42%	36	14	5	3	78%	8	7.53
<b>Opinion leaders</b>	57%	34	6	2	1	91%	2	8.40
<b>Nationwide 2018</b>	61%	30	8	2	-	91%	2	8.58
<b>Opinion leaders 2018</b>	73%	23	3	*	-	96%	*	8.99
• Increasing our use of solar power would reduce harmful air pollution.								
<b>Nationwide</b>	46%	34	12	5	4	79%	9	7.61
<b>Center-Right</b>	38%	36	17	6	4	73%	10	7.21
<b>Opinion leaders</b>	53%	38	4	2	3	91%	5	8.21
<b>Nationwide 2018</b>	52%	34	8	4	2	86%	6	8.06
<b>Opinion leaders 2018</b>	68%	26	2	2	1	95%	3	8.74
• Solar power is good for America’s economy .....								
<b>Nationwide</b>	43%	32	15	6	4	75%	10	7.46
<b>Center-Right</b>	33%	35	20	7	5	68%	11	7.00
<b>Opinion leaders</b>	54%	31	10	4	2	85%	6	8.08
<b>Nationwide 2018</b>	42%	39	12	5	2	81%	7	7.64
<b>Opinion leaders 2018</b>	53%	38	5	3	1	91%	4	8.35
• Increasing our use of solar power would make us less dependent on foreign dictators.....								
<b>Nationwide</b>	45%	29	14	5	6	74%	11	7.38
<b>Center-Right</b>	38%	33	17	6	6	71%	12	7.05
<b>Opinion leaders</b>	57%	31	4	4	3	89%	7	8.19
• America shifting from fossil fuels to renewable energy like solar power is inevitable – it’s a matter of when, not if.....								
<b>Nationwide</b>	39%	37	14	7	4	75%	11	7.31
<b>Center-Right</b>	26%	42	18	8	5	68%	13	6.79
<b>Opinion leaders</b>	45%	40	8	4	2	85%	7	7.89
• Increasing our use of solar power would help address climate change.....								
<b>Nationwide</b>	44%	29	13	7	7	73%	14	7.30
<b>Center-Right</b>	33%	33	18	8	8	66%	16	6.73
<b>Opinion leaders</b>	51%	35	4	6	3	87%	9	8.04
<b>Nationwide 2018</b>	42%	31	18	6	2	73%	9	7.53
<b>Opinion leaders 2018</b>	55%	31	10	1	2	87%	3	8.21

B2. Here is another series of statements. Again, for each statement please indicate how much you agree with it on a scale from 0 to 10, where “0” is “disagree completely” and “10” is “agree completely.” If you aren’t sure, please choose 5.

	AGREE			Neutral (5)	DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)			Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
• Solar power paired with battery storage could realistically replace a substantial portion of existing fossil fuel power plants in this country.....									
<b>Nationwide</b>	36%	33	17	7	6	70%	13	7.04	
<b>Center-Right</b>	27%	37	21	8	7	64%	15	6.60	
<b>Opinion leaders</b>	44%	41	7	4	4	85%	7	7.76	
<b>Nationwide 2018</b>	38%	38	18	4	2	77%	5	7.51	
<b>Opinion leaders 2018</b>	53%	33	10	3	2	85%	5	8.02	
• [SPLIT A] Solar power creates good-paying jobs.....									
<b>Nationwide</b>	33%	33	22	8	4	66%	12	6.99	
<b>Center-Right</b>	24%	33	29	9	5	57%	14	6.52	
<b>Opinion leaders</b>	48%	37	9	4	1	85%	5	7.89	
<b>Nationwide 2018</b>	28%	38	28	4	2	66%	5	7.03	
<b>Opinion leaders 2018</b>	48%	34	14	2	2	82%	4	7.90	
• [SPLIT B] Solar power creates good-paying jobs for people without college degrees.....									
<b>Nationwide</b>	31%	36	24	5	5	67%	10	6.89	
<b>Center-Right</b>	21%	38	29	6	6	59%	12	6.40	
<b>Opinion leaders</b>	44%	35	14	5	2	80%	6	7.68	
• Solar power is affordable.....									
<b>Nationwide</b>	28%	32	22	11	7	60%	18	6.49	
<b>Center-Right</b>	21%	31	25	16	8	52%	23	5.96	
<b>Opinion leaders</b>	34%	41	10	11	5	75%	15	7.12	
<b>Nationwide 2018</b>	19%	35	23	18	5	54%	23	6.05	
<b>Opinion leaders 2018</b>	44%	31	12	12	2	74%	14	7.40	

B3. And here is one last series of statements. Again, for each statement please indicate how much you agree with it on a scale from 0 to 10, where “0” is “disagree completely” and “10” is “agree completely.” If you aren’t sure, please choose 5.

	AGREE			Neutral (5)	DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)			Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
• [SPLIT B] I have a favorable view of solar energy.....									
<b>Nationwide</b>	50%	30	10	5	5	80%	10	7.65	
<b>Center-Right</b>	42%	31	17	5	5	73%	10	7.34	
<b>Opinion leaders</b>	57%	33	5	3	3	90%	6	8.27	

B3. And here is one last series of statements. Again, for each statement please indicate how much you agree with it on a scale from 0 to 10, where “0” is “disagree completely” and “10” is “agree completely.” If you aren’t sure, please choose 5.

	AGREE		Neutral (5)	DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)		Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
<ul style="list-style-type: none"> <li>• [SPLIT B] It is important that we develop a robust domestic solar manufacturing industry in America</li> </ul>								
<b>Nationwide</b>	44%	33	13	6	4	77%	10	7.52
<b>Center-Right</b>	35%	34	22	6	3	68%	10	7.08
<b>Opinion leaders</b>	48%	43	3	3	3	91%	6	8.02
<ul style="list-style-type: none"> <li>• [SPLIT A] Congress should pass legislation to encourage more manufacturing of solar equipment here in America .....</li> </ul>								
<b>Nationwide</b>	42%	32	15	5	6	74%	11	7.32
<b>Center-Right</b>	34%	36	17	6	6	70%	13	6.95
<b>Opinion leaders</b>	56%	30	7	5	2	86%	7	8.03
<ul style="list-style-type: none"> <li>• I would support the construction of a solar farm in my own community.....</li> </ul>								
<b>Nationwide</b>	40%	35	12	6	6	75%	12	7.30
<b>Center-Right</b>	33%	35	17	8	7	68%	15	6.84
<b>Opinion leaders</b>	48%	39	4	5	4	87%	9	7.91
<ul style="list-style-type: none"> <li>• Our government should be doing more to encourage the use of solar power .....</li> </ul>								
<b>Nationwide</b>	43%	30	13	7	6	74%	13	7.30
<b>Center-Right</b>	34%	33	18	9	6	67%	15	6.81
<b>Opinion leaders</b>	48%	38	5	5	4	86%	9	7.89
<b>Nationwide 2018</b>	46%	33	15	4	2	79%	7	7.76
<b>Opinion leaders 2018</b>	59%	30	6	2	3	89%	5	8.32
<ul style="list-style-type: none"> <li>• [SPLIT A] I have a favorable view of the solar industry .....</li> </ul>								
<b>Nationwide</b>	40%	35	14	6	5	75%	11	7.26
<b>Center-Right</b>	33%	34	19	9	5	67%	14	6.87
<b>Opinion leaders</b>	53%	31	10	3	3	84%	6	8.03
<ul style="list-style-type: none"> <li>• Policy makers should NOT impose tariffs that would slow the expansion of solar power in America.....</li> </ul>								
<b>Nationwide</b>	39%	32	19	6	5	71%	11	7.20
<b>Center-Right</b>	33%	32	25	6	4	65%	10	6.95
<b>Opinion leaders</b>	47%	36	12	3	2	83%	5	7.94

B3. And here is one last series of statements. Again, for each statement please indicate how much you agree with it on a scale from 0 to 10, where “0” is “disagree completely” and “10” is “agree completely.” If you aren’t sure, please choose 5.

	AGREE		Neutral (5)	DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)		Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
• [SPLIT A] I would be more likely to install solar panels on my home if they were made in America .....								
<b>Nationwide</b>	31%	33	22	6	8	64%	14	6.75
<b>Center-Right</b>	26%	38	25	4	7	64%	11	6.63
<b>Opinion leaders</b>	40%	33	17	8	3	73%	11	7.32
• All other things being equal, I would vote against politicians who oppose solar power .....								
<b>Nationwide</b>	35%	29	19	9	9	64%	18	6.72
<b>Center-Right</b>	23%	29	27	11	11	51%	22	5.99
<b>Opinion leaders</b>	48%	31	10	5	6	79%	11	7.58
<b>Nationwide 2018</b>	33%	30	24	8	6	63%	14	6.80
<b>Opinion leaders 2018</b>	45%	32	11	6	5	78%	11	7.59
• I am interested in installing solar panels on my home .....								
<b>Nationwide</b>	31%	29	20	8	12	60%	20	6.36
<b>Center-Right</b>	27%	31	22	9	12	58%	21	6.19
<b>Opinion leaders</b>	46%	33	11	3	7	79%	11	7.53
<b>Nationwide 2018</b>	29%	26	20	12	13	55%	24	6.13
<b>Opinion leaders 2018</b>	42%	32	10	7	8	74%	15	7.21
• [SPLIT B] I would be more likely to install solar panels on my home if they were made with union labor ...								
<b>Nationwide</b>	20%	25	31	8	15	46%	24	5.53
<b>Center-Right</b>	15%	23	30	12	20	38%	32	4.97
<b>Opinion leaders</b>	28%	35	22	5	10	63%	15	6.49

**B4.** Below are some statements from supporters of solar power. For each statement, please indicate how convincing the statement is as a reason to support policies that would encourage the use of more solar power in the United States on a scale from 0 to 10, where “0” is “not convincing at all” and “10” is “very convincing.”

	CONVINCING			NOT CONVINCING		NET		MEAN
	Very (9-10)	Somewhat (6-8)	Neutral (5)	Not that (2-4)	Not at all (0-1)	CONVINCING	NOT CONVINCING	
<p>• <b>[SPLIT C] [HEALTH]</b> By using more clean energy like solar we will sharply reduce the sulfur, arsenic, and mercury pollution that comes from burning dirty and outdated energy sources like oil and coal. Doctors and scientists say that moving to clean energy could save 50,000 American lives every year and dramatically reduce the rates of heart disease, asthma attacks, respiratory diseases, and even cancer. ....</p>								
<b>Nationwide</b>	42%	38	8	5	6	80%	12	7.43
<b>Center-Right</b>	31%	39	14	11	5	69%	16	6.80
<b>Opinion leaders</b>	42%	46	4	4	3	88%	7	7.85
<p>• <b>[COST]</b> The price of solar power dropped by 70% in the past decade, it is now cheaper than coal and natural gas power in most of the country, and it continues to decline. In fact, researchers say moving to renewable energy like solar will end up saving the average family hundreds of dollars a year in electricity and health care costs. ....</p>								
<b>Nationwide</b>	40%	36	11	7	6	76%	13	7.27
<b>Center-Right</b>	28%	40	17	8	6	69%	15	6.77
<b>Opinion leaders</b>	46%	43	3	6	2	89%	8	7.88
<p>• <b>[SPLIT D] [ECONOMY-ALL AMERICANS]</b> The solar industry already employs more than 231,000 Americans. These family-supporting jobs pay well over the national average, most don't need a college degree - and there is potential for a million more in the coming years. By using more solar power, we can create quality jobs opportunities for all Americans. ....</p>								
<b>Nationwide</b>	40%	36	11	9	3	76%	12	7.27
<b>Center-Right</b>	30%	43	13	9	4	74%	13	6.91
<b>Opinion leaders</b>	41%	46	7	5	1	88%	6	7.86



**B4.** Below are some statements from supporters of solar power. For each statement, please indicate how convincing the statement is as a reason to support policies that would encourage the use of more solar power in the United States on a scale from 0 to 10, where “0” is “not convincing at all” and “10” is “very convincing.”

	CONVINCING			NOT CONVINCING		NET		MEAN
	Very (9-10)	Somewhat (6-8)	Neutral (5)	Not that (2-4)	Not at all (0-1)	CONVINCING	NOT CONVINCING	
<p>• <b>[SPLIT D] [HEALTH–NO DIRTY SOURCES]</b> By using more clean energy like solar we will sharply reduce sulfur, arsenic, and mercury pollution. Doctors and scientists say that moving to clean energy could save 50,000 American lives every year and dramatically reduce the rates of heart disease, asthma attacks, respiratory diseases, and even cancer.....</p>								
<b>Nationwide</b>	41%	33	12	9	5	74%	14	7.26
<b>Center-Right</b>	35%	38	14	10	3	73%	13	7.11
<b>Opinion leaders</b>	49%	36	9	5	2	85%	6	7.92
<p>• <b>[CONTROL/CHOICE]</b> Instead of depending on utility company monopolies, solar power allows the average consumer to choose how and where they get their energy. That's why over 3 million American homes have chosen to install solar panels, allowing them to produce and store their own energy and giving them control over a critical part of their lives.....</p>								
<b>Nationwide</b>	37%	39	12	7	5	76%	12	7.25
<b>Center-Right</b>	29%	44	16	8	4	72%	12	6.95
<b>Opinion leaders</b>	42%	47	5	5	2	89%	7	7.87
<p>• <b>[SPLIT C] [ECONOMY–ALL KINDS]</b> The solar industry already employs more than 231,000 Americans. These family-supporting jobs pay well over the national average, most don't need a college degree - and there is potential for a million more in the coming years. By using more solar power, we can create quality jobs for all kinds of people - from engineers to factory workers to installers.....</p>								
<b>Nationwide</b>	37%	39	10	8	6	76%	14	7.22
<b>Center-Right</b>	27%	37	18	13	5	65%	17	6.67
<b>Opinion leaders</b>	43%	44	5	5	3	87%	8	7.85

**B4.** Below are some statements from supporters of solar power. For each statement, please indicate how convincing the statement is as a reason to support policies that would encourage the use of more solar power in the United States on a scale from 0 to 10, where “0” is “not convincing at all” and “10” is “very convincing.”

	CONVINCING			NOT CONVINCING		NET		MEAN
	Very (9-10)	Somewhat (6-8)	Neutral (5)	Not that (2-4)	Not at all (0-1)	CONVINCING	NOT CONVINCING	
<p>• <b>[INDEPENDENCE]</b> For too long, America has been dependent on dangerous, foreign energy. We are at the mercy of big oil companies and the whims of hostile, foreign dictators. The fuel for solar energy is 100% made in America, and it stays in America. The way we break our dependence on foreign oil is clear. It's time to move toward American solar energy so that we don't have to rely on Middle Eastern sheiks or dictators like Vladimir Putin.....</p>								
<b>Nationwide</b>	40%	35	10	8	6	75%	15	7.17
<b>Center-Right</b>	33%	36	15	8	8	69%	16	6.75
<b>Opinion leaders</b>	46%	42	3	4	5	88%	9	7.83
<p>• <b>[CLIMATE]</b> We have a basic responsibility to leave a better world for our kids, but 99% of scientists, NASA, and the Department of Defense agree that climate change is a threat to their future - and we're already seeing its impact in the form of increasingly strange weather and more severe droughts, wildfires, and storms. Using more clean energy like solar will sharply reduce the carbon pollution that is disrupting our climate.....</p>								
<b>Nationwide</b>	40%	35	11	9	6	74%	15	7.16
<b>Center-Right</b>	32%	34	15	13	6	66%	19	6.68
<b>Opinion leaders</b>	45%	41	4	5	6	86%	10	7.68
<p>• <b>[SAFE FOR LAND]</b> Large solar farms are designed to protect the land and wildlife through careful site selection, extensive studies, and collaboration with local communities. They can be sited with native vegetation, habitats, or other environmentally friendly seed mixes that prevent erosion and restore the land after years of heavy use. At the end of a solar farm's expected 35-year life, the equipment is removed, and the land can return to its original use.....</p>								
<b>Nationwide</b>	36%	38	13	6	6	74%	13	7.06
<b>Center-Right</b>	31%	38	16	10	6	69%	16	6.70
<b>Opinion leaders</b>	40%	44	6	8	2	84%	10	7.59

Q37. Of the things you just read, what were the one or two most convincing reasons to support policies that would encourage the use of more solar power in the United States? Please be specific.

Nationwide [SPLIT C]:



Nationwide [SPLIT D]:



Opinion leaders [SPLIT C]:



Opinion leaders [SPLIT D]:



Q38. Now please take another look at the same statements you just read. This time, please rank these statements from 1 to 7 with 1 meaning it is the MOST convincing reason to support policies that will encourage solar power and 7 meaning it is the LEAST convincing reason to support policies that will encourage solar. Even if you didn't find any of these terribly convincing, please rank them from most convincing to least convincing.

		1- Most convincing	2	3	4	5	6	7- Least convincing	NET TOP TWO	MEAN
• [COST]	Nationwide	18%	17	13	17	14	12	9	35%	3.62
	Center-Right	19%	18	13	15	13	12	10	36%	3.62
	Opinion leaders	17%	14	16	20	11	12	9	31%	3.70
• [SPLIT C] [HEALTH]	Nationwide	18%	17	15	10	15	12	13	35%	3.73
	Center-Right	15%	17	11	14	15	14	14	31%	3.98
	Opinion leaders	14%	18	11	15	17	12	12	32%	3.90
• [SPLIT D] [HEALTH-NO DIRTY SOURCES]	Nationwide	15%	13	16	14	18	12	10	28%	3.86
	Center-Right	15%	13	23	12	14	15	9	28%	3.77
	Opinion leaders	16%	22	23	8	12	10	9	38%	3.44

**Q38.** Now please take another look at the same statements you just read. This time, please rank these statements from 1 to 7 with 1 meaning it is the MOST convincing reason to support policies that will encourage solar power and 7 meaning it is the LEAST convincing reason to support policies that will encourage solar. Even if you didn't find any of these terribly convincing, please rank them from most convincing to least convincing.

		1- Most convincing	2	3	4	5	6	7- Least convincing	NET	
									TOP TWO	MEAN
• [CLIMATE]	Nationwide	18%	14	13	12	14	15	14	31%	3.93
	Center-Right	18%	14	16	9	11	15	18	31%	3.98
	Opinion leaders	17%	12	12	14	15	16	13	29%	3.98
• [INDEPENDENCE]	Nationwide	14%	17	12	16	13	13	14	31%	3.95
	Center-Right	17%	15	12	14	14	11	16	32%	3.92
	Opinion leaders	17%	18	17	13	12	10	14	35%	3.71
• [SPLIT C] [ECONOMY-ALL KINDS]	Nationwide	11%	16	14	14	13	16	17	27%	4.14
	Center-Right	8%	15	14	19	12	17	15	24%	4.18
	Opinion leaders	17%	17	10	18	11	15	12	34%	3.79
• [CONTROL/CHOICE]	Nationwide	11%	13	18	14	12	16	16	24%	4.15
	Center-Right	13%	14	17	15	14	14	13	27%	3.97
	Opinion leaders	11%	11	13	14	14	19	17	23%	4.33
• [SPLIT D] [ECONOMY-ALL AMERICANS]	Nationwide	13%	11	15	15	13	16	17	24%	4.21
	Center-Right	12%	16	9	15	17	16	16	28%	4.20
	Opinion leaders	9%	16	13	10	18	14	21	25%	4.36
• [SAFE FOR LAND]	Nationwide	10%	12	13	14	16	17	18	22%	4.38
	Center-Right	9%	9	13	18	18	16	17	18%	4.44
	Opinion leaders	9%	9	14	12	18	17	20	18%	4.54

**B5.** Sometimes in surveys like these, people change their mind when they read more information and sometimes, they don't. So, now that you've read some of this information, please once again indicate how much you agree with each of the following statements on a scale from 0 to 10, where "0" is "disagree completely" and "10" is "agree completely." If you aren't sure, please choose 5.

	AGREE		Neutral (5)	DISAGREE		NET		MEAN	
	Completely (9-10)	Somewhat (6-8)		Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE		
• Increasing our use of solar power would reduce harmful air pollution.									
	Nationwide	50%	33	9	5	4	82%	9	7.78
	Center-Right	44%	35	12	6	5	78%	10	7.47
	Opinion leaders	56%	34	5	2	2	90%	4	8.33

B5. Sometimes in surveys like these, people change their mind when they read more information and sometimes, they don't. So, now that you've read some of this information, please once again indicate how much you agree with each of the following statements on a scale from 0 to 10, where "0" is "disagree completely" and "10" is "agree completely." If you aren't sure, please choose 5.

	AGREE		Neutral (5)	DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)		Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
• [SPLIT B] I have a favorable view of solar energy.....								
<b>Nationwide</b>	50%	31	10	4	5	81%	9	7.78
<b>Center-Right</b>	44%	30	14	6	5	74%	12	7.41
<b>Opinion leaders</b>	54%	38	4	3	2	91%	5	8.32
• Solar power is good for America's economy.....								
<b>Nationwide</b>	48%	32	10	4	5	81%	9	7.68
<b>Center-Right</b>	41%	33	15	6	5	74%	10	7.35
<b>Opinion leaders</b>	53%	37	4	2	3	91%	5	8.18
• [SPLIT B] It is important that we develop a robust domestic solar manufacturing industry in America.....								
<b>Nationwide</b>	46%	35	9	5	4	82%	10	7.66
<b>Center-Right</b>	40%	38	12	6	5	77%	11	7.32
<b>Opinion leaders</b>	55%	37	3	2	3	92%	5	8.21
• My electric utility should get more of its electricity from solar power.....								
<b>Nationwide</b>	49%	28	13	5	5	77%	10	7.62
<b>Center-Right</b>	42%	30	16	8	4	73%	12	7.28
<b>Opinion leaders</b>	47%	42	4	5	2	89%	6	8.00
• Increasing our use of solar power would make us less dependent on foreign dictators.....								
<b>Nationwide</b>	49%	30	11	4	6	79%	10	7.60
<b>Center-Right</b>	41%	33	12	7	6	75%	13	7.23
<b>Opinion leaders</b>	55%	34	4	4	3	89%	7	8.19
• [SPLIT A] I have a favorable view of the solar industry.....								
<b>Nationwide</b>	47%	30	13	4	6	77%	10	7.53
<b>Center-Right</b>	37%	36	15	6	6	73%	13	7.06
<b>Opinion leaders</b>	51%	36	8	3	2	87%	5	8.04
• Our government should be doing more to encourage the use of solar power.....								
<b>Nationwide</b>	47%	31	10	5	7	78%	12	7.51
<b>Center-Right</b>	40%	29	15	8	8	69%	16	6.99
<b>Opinion leaders</b>	51%	37	4	4	3	88%	8	8.07

B5. Sometimes in surveys like these, people change their mind when they read more information and sometimes, they don't. So, now that you've read some of this information, please once again indicate how much you agree with each of the following statements on a scale from 0 to 10, where "0" is "disagree completely" and "10" is "agree completely." If you aren't sure, please choose 5.

	AGREE		Neutral (5)	DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)		Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
<ul style="list-style-type: none"> <li>• [SPLIT A] Congress should pass legislation to encourage more manufacturing of solar equipment here in America.....</li> </ul>								
<b>Nationwide</b>	46%	29	14	5	6	75%	11	7.49
<b>Center-Right</b>	38%	33	16	6	7	71%	13	7.13
<b>Opinion leaders</b>	53%	34	6	3	4	87%	7	7.98
<ul style="list-style-type: none"> <li>• Increasing our use of solar power would help address climate change.....</li> </ul>								
<b>Nationwide</b>	49%	27	11	5	7	76%	12	7.47
<b>Center-Right</b>	40%	30	15	6	9	70%	15	6.96
<b>Opinion leaders</b>	55%	31	5	5	3	86%	9	8.07
<ul style="list-style-type: none"> <li>• [SPLIT A] Solar power creates good-paying jobs.....</li> </ul>								
<b>Nationwide</b>	44%	32	13	5	5	77%	10	7.44
<b>Center-Right</b>	36%	34	19	6	4	70%	10	7.08
<b>Opinion leaders</b>	48%	41	7	3	2	89%	4	7.99
<ul style="list-style-type: none"> <li>• [SPLIT B] Solar power creates good-paying jobs for people without college degrees.....</li> </ul>								
<b>Nationwide</b>	43%	34	11	7	5	77%	11	7.42
<b>Center-Right</b>	34%	38	16	8	4	72%	12	7.09
<b>Opinion leaders</b>	49%	42	6	1	2	91%	4	8.18
<ul style="list-style-type: none"> <li>• I would support the construction of a solar farm near my own community.....</li> </ul>								
<b>Nationwide</b>	46%	31	11	6	7	76%	13	7.41
<b>Center-Right</b>	38%	33	14	8	7	71%	15	7.01
<b>Opinion leaders</b>	50%	36	5	4	5	86%	9	7.90
<ul style="list-style-type: none"> <li>• Solar power is affordable.....</li> </ul>								
<b>Nationwide</b>	34%	36	14	9	7	70%	16	6.92
<b>Center-Right</b>	27%	34	19	13	7	61%	20	6.41
<b>Opinion leaders</b>	39%	42	8	5	5	81%	10	7.47
<ul style="list-style-type: none"> <li>• I am interested in installing solar panels on my home.....</li> </ul>								
<b>Nationwide</b>	38%	28	17	6	10	66%	17	6.77
<b>Center-Right</b>	32%	31	19	8	11	62%	18	6.47
<b>Opinion leaders</b>	46%	34	9	5	6	80%	11	7.57

B6. Below are some statements from opponents of solar power. For each statement, please indicate how convincing the statement is as a reason to OPPOSE policies that would encourage the use of more solar power in the United States on a scale from 0 to 10, where “0” is “not convincing at all” and “10” is “very convincing.”

	CONVINCING			NOT CONVINCING		NET		MEAN
	Very (9-10)	Somewhat (6-8)	Neutral (5)	Not that (2-4)	Not at all (0-1)	CONVINCING	NOT CONVINCING	
<p>• <b>[TOXIC TRASH]</b> Solar panels may sound clean, but they are complex pieces of technology that become big, toxic, pieces of waste at the end of their lives. By 2050, up to 78 million metric tons of solar panels will have reached the end of their lives. And because these panels contain toxic materials like lead and cadmium that can leach out as they break down, putting them in landfills means new environmental hazards and pollution across America. ....</p>								
<b>Nationwide</b>	30%	37	15	12	6	66%	18	6.64
<b>Center-Right</b>	29%	36	18	12	5	65%	17	6.62
<b>Opinion leaders</b>	30%	43	8	14	4	73%	18	6.91
<p>• <b>[MINERALS]</b> Although solar power may produce clean energy, the process of building the panels is anything but. In order to build solar panels, pounds of minerals and raw material have to be extracted from the earth - a dirty and pollution-creating process. In fact, compared with a natural gas power plant, solar power requires at least 10 times as many total tons of raw materials mined, moved, and converted into machines to deliver the same quantity of energy. ....</p>								
<b>Nationwide</b>	27%	38	18	10	7	65%	17	6.55
<b>Center-Right</b>	28%	41	17	9	6	68%	15	6.63
<b>Opinion leaders</b>	30%	41	12	11	5	72%	16	6.82
<p>• <b>[FORCED LABOR]</b> Extracting the materials necessary for solar panel production is far too often linked with human rights abuses and forced labor in the developing world. In fact, many of the companies mining the minerals essential for solar panels have faced allegations of abuse. And China, the leading exporter of solar components, has been able to gain global dominance in the market through the use of forced labor among the country's Uyghur Muslim minority. ....</p>								
<b>Nationwide</b>	26%	35	18	14	7	62%	20	6.40
<b>Center-Right</b>	24%	36	21	13	7	60%	19	6.28
<b>Opinion leaders</b>	28%	40	11	16	6	68%	21	6.63

**B6.** Below are some statements from opponents of solar power. For each statement, please indicate how convincing the statement is as a reason to OPPOSE policies that would encourage the use of more solar power in the United States on a scale from 0 to 10, where “0” is “not convincing at all” and “10” is “very convincing.”

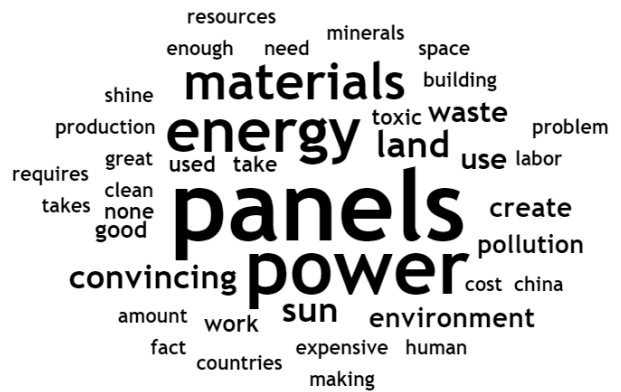
	CONVINCING			NOT CONVINCING		NET		MEAN
	Very (9-10)	Somewhat (6-8)	Neutral (5)	Not that (2-4)	Not at all (0-1)	CONVINCING	NOT CONVINCING	
<p>• <b>[INSUFFICIENT/UNRELIABLE]</b> When the sun doesn't shine, solar power doesn't work - it's as simple as that. While solar may be a solution for the sunny and warm parts of the country, it's not a viable option for most of the Northeast or Northwest, or anywhere that doesn't have large amounts of land available to cover in enormous panels. And relying on unreliable solar panels will leave us at risk of regular blackouts or the loss of power and heat in cold winter months.....</p>								
<b>Nationwide</b>	26%	36	15	14	8	63%	22	6.35
<b>Center-Right</b>	27%	39	15	12	7	66%	19	6.47
<b>Opinion leaders</b>	31%	39	9	11	10	70%	21	6.58
<p>• <b>[LAND USE]</b> Building solar power on the scale needed to have a positive environmental impact would take up millions of square miles of land - land that could have other uses, is currently beautiful, pristine American farmland, or southwestern deserts that are home to millions of plant and animal species. Large scale solar farms are an eyesore that take up too much space to collect too little energy.....</p>								
<b>Nationwide</b>	25%	35	16	16	9	60%	25	6.19
<b>Center-Right</b>	25%	35	17	15	8	60%	23	6.28
<b>Opinion leaders</b>	26%	40	11	15	8	67%	23	6.57



Q56. Of the things you just read, what were the one or two most convincing reasons to oppose policies that would encourage the use of more solar power in the United States. Please be specific.

Nationwide:

Opinion leaders:



B7. And once again, now that you've read more information, please once again indicate how much you agree with each of the following statements on a scale from 0 to 10, where "0" is "disagree completely" and "10" is "agree completely." If you aren't sure, please choose 5.

	AGREE		Neutral (5)	DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)		Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
<ul style="list-style-type: none"> <li>Increasing our use of solar power would make us less dependent on foreign dictators.....</li> </ul>								
<b>Nationwide</b>	42%	33	12	4	9	75%	13	7.23
<b>Center-Right</b>	35%	33	16	7	9	67%	16	6.78
<b>Opinion leaders</b>	53%	35	4	4	4	87%	9	7.99
<ul style="list-style-type: none"> <li>I have a favorable view of the solar industry.....</li> </ul>								
<b>Nationwide</b>	41%	32	15	6	7	73%	13	7.18
<b>Center-Right</b>	32%	31	20	8	8	63%	16	6.61
<b>Opinion leaders</b>	47%	38	8	5	3	85%	7	7.91
<ul style="list-style-type: none"> <li>Our government should be doing more to encourage the use of solar power.....</li> </ul>								
<b>Nationwide</b>	40%	33	14	5	9	73%	14	7.12
<b>Center-Right</b>	31%	32	18	8	11	63%	19	6.46
<b>Opinion leaders</b>	48%	37	5	5	4	85%	9	7.88
<ul style="list-style-type: none"> <li>I would support the construction of a solar farm near my own community.....</li> </ul>								
<b>Nationwide</b>	39%	32	13	6	9	71%	15	6.97
<b>Center-Right</b>	30%	29	19	11	10	59%	22	6.24
<b>Opinion leaders</b>	45%	37	5	7	6	83%	13	7.55

**B7.** And once again, now that you've read more information, please once again indicate how much you agree with each of the following statements on a scale from 0 to 10, where "0" is "disagree completely" and "10" is "agree completely." If you aren't sure, please choose 5.

	AGREE		Neutral (5)	DISAGREE		NET		MEAN
	Completely (9-10)	Somewhat (6-8)		Somewhat (2-4)	Completely (0-1)	AGREE	DISAGREE	
• I am interested in installing solar panels on my home .....								
<b>Nationwide</b>	34%	27	19	9	11	61%	21	6.44
<b>Center-Right</b>	28%	28	20	10	14	56%	24	6.05
<b>Opinion leaders</b>	42%	37	8	6	6	79%	12	7.37

**Q62.** As you may know, the U.S. Department of Commerce is considering tariffs on solar panels and other components imported from Cambodia, Thailand, Malaysia and Vietnam. Just based on what you know, do you support or oppose these proposed tariffs on solar panels and other components?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Strongly support.....	20%	12%	24%
Somewhat support.....	25	28	21
Somewhat oppose.....	15	15	20
Strongly oppose.....	9	6	15
Don't know enough to say.....	31	38	20
SUPPORT (NET).....	46%	41	45
OPPOSE (NET).....	24	21	35

Now please read these two statements from supporters and opponents of these new tariffs on solar panels and other components and then answer a few more questions.

**Opponents of these tariffs say** that we must add American manufacturing, but these tariffs aren't the right way to do that. These tariffs will raise prices on consumers, who are already dealing with inflation. Moreover, they could choke off the supply of panels and components to American solar installers and could put a hold on billions of dollars of investment in clean energy at a time when climate change demands immediate action. That would harm a growing industry that has the potential to create a million good American jobs. Instead of this short-sighted approach, we should invest in the American solar manufacturing industry so that we are building these components here in America.

**Supporters of these tariffs say** that they are the only way to keep American solar manufacturers competitive and stop China's use of forced labor that gives them an unfair advantage over American companies. China has used forced labor to gain dominance of the global market and flood the U.S. market with solar components at prices that American manufacturers can't compete with, while evading existing tariffs on Chinese equipment by routing them through these countries – putting many American companies at risk of folding. We need these tariffs to level the playing field for American companies and uphold our values in the face of hostile foreign powers like China.

**Q63.** Now that you've read more information, once again, do you support or oppose these proposed new tariffs on solar panels and other components?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Strongly support.....	20%	13%	25%
Somewhat support.....	33	37	31
Somewhat oppose.....	18	21	26
Strongly oppose.....	10	10	12
Don't know enough to say.....	18	19	7
SUPPORT (NET).....	53%	50	55
OPPOSE (NET).....	29	31	37

The following questions are for statistical purposes only.

**Q64.** Do you know anyone who works in the solar power industry? Please select all that apply.

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Yes, myself.....	4%	2%	3%
Yes, family member .....	1	1	2
Yes, a friend.....	2	2	3
Yes, someone else.....	2	1	2
No.....	92	95	91
YES (NET) .....	8%	5	9

**Q65.** Do you have rooftop solar panels on your home?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>	<u>Nationwide 2018</u>	<u>Opinion leaders 2018</u>
Yes .....	8%	5%	16%	5%	9%
No.....	92	95	84	95	91

**Q66.** Do you have any friends or family outside of your household who own rooftop solar panels on their home?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>	<u>Nationwide 2018</u>	<u>Opinion leaders 2018</u>
Yes .....	30%	23%	44%	23%	37%
No.....	70	77	56	77	63

**Q65T.** Solar Panel Summary

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Have rooftop solar.....	8%	5%	16%
Don't have rooftop solar but know someone who does ..	23	19	32
Don't have or know anyone with rooftop solar .....	68	76	53

**D100.** What is your gender?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
A man.....	47%	47%	55%
A woman .....	52	52	45
Self-describe .....	1	1	-

**DAGE.** What is your age?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
18-29.....	18%	17%	11%
30-44.....	25	28	33
45-54.....	15	18	20
55-64.....	17	17	23
65+ .....	24	21	14

**E1.** On average, how many days a week do you watch local or national news on TV, listen to news on the radio, look at news on the internet, or read a newspaper either a paper or online version?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
0.....	6%	7%	-
1.....	4	5	-
2.....	7	10	-
3.....	9	7	-
4.....	7	7	-
5.....	13	15	22
6.....	7	7	13
7.....	47	42	65

**E2.** How closely would you say you follow news and current events about government and public affairs? Please rate yourself using a scale from zero to ten on which a "10" means you follow news and current events about government and public affairs very closely and a "0" means you do not follow news and current events about government and public affairs closely at all.

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
0 .....	2%	4%	-
1 .....	2	3	-
2 .....	3	3	-
3 .....	3	3	-
4 .....	3	5	-
5 .....	8	12	-
6 .....	10	9	-
7 .....	15	17	-
8 .....	21	20	34
9 .....	15	11	31
10 .....	18	13	35
MEAN .....	7.11	6.63	9.00

**D102.** What is the highest grade of school or level of education you completed

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Did not complete high school .....	1%	2%	-
Graduated high school .....	25	25	-
Attended technical/vocational school .....	5	4	-
Attended some college but no degree .....	22	25	8
Graduated two-year college with Associate's degree .....	11	12	9
Graduated four-year college with Bachelor's degree .....	23	23	43
Obtained Master's, PhD, or other professional degree (MD, DMD, etc.) .....	13	10	40

**D105.** Thinking about politics, do you generally think of yourself as:

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Very liberal .....	13%	1%	21%
Somewhat liberal .....	19	7	17
Moderate .....	33	51	36
Somewhat conservative .....	18	33	13
Very conservative .....	16	7	13
LIBERAL (NET) .....	32%	8	38
CONSERVATIVE (NET) .....	35	41	26

**D108.** What is your current employment status?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Employed Full-Time .....	40%	37%	81%
Employed Part-Time .....	8	9	3
Self-employed/Own a company .....	6	6	16
Unemployed .....	9	13	-
Retired .....	27	25	-
Student .....	3	2	-
Homemaker .....	7	7	-

**D142.** Do you own or rent the house or apartment where you live?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Own .....	64%	62%	88%
Rent .....	33	36	12
Other .....	3	2	-

**DRACE.** To ensure we have a representative sample, please indicate your race. [IF BLACK/WHITE/OTHER] Do you consider yourself a Hispanic, Latino, or Spanish-speaking American?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Black/African-American.....	13%	7%	6%
White/Caucasian.....	70	73	78
Hispanic/Latino.....	10	12	5
Asian.....	4	5	9
American Indian/Native Alaskan.....	*	1	1
Native Hawaiian/Pacific Islander.....	*	-	-
Other.....	1	2	1

**REGION.** What state do you live in?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Northeast.....	18%	16%	26%
Midwest.....	22	22	20
South.....	38	38	32
West.....	22	24	23

**VH20.** Finally, thinking back, in the November 2020 general election for President, did you vote for Democrat Joe Biden, for Republican Donald Trump, for someone else, or did you not vote in that election?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Voted for Democrat Joe Biden.....	47%	19%	64%
Voted for Republican Donald Trump.....	43	62	32
Voted for someone else.....	2	4	1
Did not vote.....	9	15	3

**D900.** And, for statistical purposes only, what would you say is your total annual family income before taxes?

	<u>Nationwide</u>	<u>Center-Right</u>	<u>Opinion leaders</u>
Less than \$30,000.....	21%	29%	-
\$30,000 - \$49,999.....	18	21	-
\$50,000 - \$59,999.....	10	9	7
\$60,000 - \$74,999.....	11	13	11
\$75,000 - \$99,999.....	11	8	12
\$100,000 - \$149,999.....	19	14	24
\$150,000 - \$199,999.....	6	2	14
\$200,000 and above.....	4	3	32