

National, Japan Deliberative Poll, August 2012
Report: Initial Results, Attitude Change T2-T3

Mean Comparison Test, Paired Data : *p<0.05, **p<0.01, ***p<0.001	T2	T3	T2-T3
Q1. We will ask you about some important aspects when choosing energy sources and method for their generation. How important are the following factors to you from 1 to 4? On a scale from 0 to 10, where 0 is not important at all, 10 is the most important, and 5 is exactly in the middle, please choose one for each question.	9.20	9.27	0.07
1. Safety			
0-4	1.5	2.9	
5	6.3	3.9	
6-10	91.7	92.4	
No opinion/NA	0.7	1.1	
2. Stable Supply	7.83	8.05	0.22
0-4	4.7	4.7	
5	18.6	15.1	
6-10	74.7	78.3	
No opinion/NA	2.1	2.1	
3. Prevention of global warming	6.80	6.80	0.00
0-4	11.3	13.1	
5	25.6	24.2	
6-10	60.7	60.5	
No opinion/NA	2.5	2.5	
4. Cost	6.33	6.18	-0.15
0-4	10.9	15.2	
5	39.6	34	
6-10	46.7	48.4	
No opinion/NA	2.8	2.5	
Q1-2. In terms of the choice of energy source and generation method, which of the four above aspects is most important to you – safety, stable supply, prevention of global warming, or cost? I will read the aspects so please rank the top three in order of importance from 1st to 3rd.			
A. Which is the most important?			
1. Safety			
2. Stable supply			
3. Prevention of global warming			
4. Cost			
5. Don't know			
Safety	74.0	80.7	
Stable supply	20.4	15.8	
Prevention of global warming	1.4	1.1	
Cost	2.5	2.1	

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	Don't know	0.0	0.0	
	N/A	1.8	0.4	
B. Which is the second most important?				
1. Safety				
2. Stable supply				
3. Prevention of global warming				
4. Cost				
5. Don't know				
	Safety	16.5	12.3	
	Stable supply	47.4	59.6	
	Prevention of global warming	26.7	22.1	
	Cost	8.1	5.6	
	Don't know	0.0	0.0	
	N/A	1.4	0.4	
C. Which is the third most important?				
1. Safety				
2. Stable supply				
3. Prevention of global warming				
4. Cost				
5. Don't know				
	Safety	9.1	5.3	
	Stable supply	22.1	20.0	
	Prevention of global warming	25.3	32.6	
	Cost	41.1	41.8	
	Don't know	0.4	0.0	
	N/A	2.1	0.4	
Q2. We will ask you about nuclear power generation in 2030, which is 18 years from now. Do you agree or disagree with the statements from A to C below? On a scale from 0 to 10, where 0 is strongly disagree, 10 is strongly agree, and 5 is exactly in the middle, please choose one for each question.				
A. Do you agree with the statement “We should abandon all nuclear power plants as soon as possible, shutting down all plants by 2030”? On a scale from 0 to 10, where 0 is strongly disagree, 10 is strongly agree, and 5 is exactly in the middle, please choose one.		6.90	7.31	0.41
	0-4	17.9	18.7	
	5	21.4	14	
	6-10	60.5	67.4	
	No opinion/NA	0.4	0	
B. Do you agree with the statement “We should reduce nuclear power generation gradually (as a result, the ratio of nuclear power generation in total electric power will be about 15%)”? On a scale from		5.33	5.16	-0.17

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0 to 10, where 0 is strongly disagree, 10 is strongly agree, and 5 is exactly in the middle, please choose one.			
0-4	26.3	32	
5	30.2	26	
6-10	41.4	40.4	
No opinion/NA	2.1	1.8	
C. Do you agree with the statement “We should keep nuclear power generation on a lower ratio as compared to the current level (as a result, the ratio of nuclear power generation in total electric power will be about 20-25% in 2030)?” On a scale from 0 to 10, where 0 is strongly disagree, 10 is strongly agree, and 5 is exactly in the middle, please choose one.	3.75	3.37	-0.38
0-4	49.2	57.2	
5	24.9	17.9	
6-10	24.3	23.9	
No opinion/NA	1.8	1.1	
Q3. Now we will ask you about nuclear power generation and energy policies in the following sections A to I.			
A. Some people believe that “We should not use nuclear power generation because it is difficult to ensure its safety.” Other people believe that “We should keep nuclear power generation because we can ensure the safety of nuclear power generation.” On a scale from 0 to 10, where 0 is “we should not use”, 10 is “we should keep using”, and 5 is exactly in the middle, please choose one.	3.50	3.15	-0.35
0-4	54.8	60.1	
5	20.7	16.8	
6-10	23.9	22.9	
No opinion/NA	0.7	0.4	
B. Some people believe that “In order to prevent global warming, we should promote the use of renewable energy and energy conservation even if costs will increase.” On a scale from 0 to 10, where 0 is strongly disagree, 10 is strongly agree, and 5 is exactly in the middle, please choose one.	7.23	7.64	0.41*
0-4	9.3	7.8	
5	29.8	23.2	
6-10	60.8	68.5	
No opinion/NA	0.4	0.8	
C. Some people believe that “We should change our life-style by reducing energy and electric power consumption significantly even if it means our lives will become less convenient in comparison to how we live now.” On a scale from 0 to 10, where	6.42	7.31	0.89***

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0 is strongly disagree, 10 is strongly agree, and 5 is exactly in the middle, please choose one.			
0-4	22.5	12.7	
5	21.1	18.6	
6-10	55.8	68.4	
No opinion/NA	0.8	0.4	
D. Do you agree with the statement “Because the final spent nuclear fuel affects future generations, we have to quit using nuclear power as soon as possible”? On a scale from 0 to 10, where 0 is strongly disagree, 10 is strongly agree, and 5 is exactly in the middle, please choose one.	7.54	7.71	0.17
0-4	13.8	13.8	
5	14.7	14	
6-10	70.9	72.4	
No opinion/NA	0.8	0	
E. Some people believe that “The Japanese people have already saved enough energy..” Other people believe that “The Japanese people should save more energy..” On a scale from 0 to 10, where 0 is saved enough, 10 is should save more, and 5 is exactly in the middle, please choose one that reflects your opinion.	6.96	7.80	0.84***
0-4	8.9	6.8	
5	28.4	20.7	
6-10	62.5	72.6	
No opinion/NA	0.4	0	
F. Some people believe that “Japanese industries have already saved enough energy..” Other people believe that “The Japanese industries should save more energy.” On a scale from 0 to 10, where 0 is saved enough, 10 is should save more, and 5 is exactly in the middle, please choose one that reflects your opinion.	6.83	7.44	0.61***
0-4	12.7	8.6	
5	27.4	24.2	
6-10	59.3	67.1	
No opinion/NA	0.8	0.4	
G. Some people believe that “the government has promoted renewable energy such as solar and wind power enough.” Other people believe that “the government should do their best to promote renewable energy.” On a scale from 0 to 10, where 0 is “promoted enough”, 10 is “should do their best”, and 5 is exactly in the middle, please choose one that reflects your opinion.	8.72	8.93	0.21
0-4	2.1	1.5	
5	11.2	10.5	

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	6-10	85.6	87.8	
	No opinion/NA	1.1	0.4	
H. Some people believe that “we have to solve the energy issue as a community so we have to adopt the policy “buy and use locally.” Other people believe that “It is efficient to create a large volume of electricity as a nation.” On a scale from 0 to 10, where 0 is “should solve locally”, 10 is “should solve nationally”, and 5 is exactly in the middle, please choose one that reflects your opinion.				
	0-4	21.9	33.3	
	5	38.6	35.1	
	6-10	39.1	30.6	
	No opinion/NA	0.7	1.1	
I. Some people believe that “Switching energy policies should be done by the government responsively.” Other people believe that “Each individual needs to ready themselves for a switch in energy policy and change their thinking.” On a scale from 0 to 10, where 0 is “government”, 10 is “individuals”, and 5 is exactly in the middle, please choose one.				
		5.52	6.17	0.65**
Q4. In order to generate enough energy around 2030, which energy we should use? On a scale from 0 to 10, where 0 is “should not use at all”, 10 is “should use as much as possible”, and 5 is exactly in the middle, please choose one that reflects your opinion.				
a. Oil				
	0-4	31.6	38.3	
	5	51.9	47	
	6-10	15.1	12.7	
	No opinion/NA	1.4	2.1	
b. Coal				
	0-4	4.47	4.44	-0.03
	0-4	39.3	38.6	
	5	44.6	43.9	
	6-10	14.4	15.5	
	No opinion/NA	1.8	2.1	
c. Natural gas				
		6.70	6.83	0.13
	0-4	13.4	13.8	
	5	31.2	29.5	
	6-10	53.4	55.5	
	No opinion/NA	2.1	1.4	
d. Hydro				
		8.16	8.18	0.02
	0-4	4.7	8.2	
	5	17.9	15.1	
	6-10	76.4	74.8	

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	No opinion/NA	1.1	2.1	
e. Nuclear		2.44	2.34	-0.10
	0-4	69.9	74	
	5	17.2	12.6	
	6-10	10.7	12	
	No opinion/NA	2.5	1.4	
f. Solar		8.71	8.96	0.25
	0-4	3.3	1.9	
	5	9.5	9.8	
	6-10	86.7	87	
	No opinion/NA	0.8	1.4	
g. Wind		8.21	8.41	0.20
	0-4	7.1	7.1	
	5	15.1	13.7	
	6-10	77.2	78	
	No opinion/NA	0.8	1.4	
h. Biomass		7.97	8.13	0.16
	0-4	4.6	6.1	
	5	19.6	18.6	
	6-10	66.7	71.3	
	No opinion/NA	9.1	4.2	
i. Cogeneration		7.73	7.99	0.26
	0-4	2.9	4.3	
	5	20.7	21.8	
	6-10	53.4	61.5	
	No opinion/NA	23.1	12.7	
j. Geothermal		8.31	8.29	-0.02
	0-4	5	4.9	
	5	13.7	16.8	
	6-10	77.8	76.9	
	No opinion/NA	3.5	1.5	
Q5. For the following questions A to D, how much do you feel you can trust each source? On a scale from 0 to 10, where 0 is do not trust at all, 10 is trust very much, and 5 is exactly in the middle, please choose one for each question.		2.68	2.45	-0.23
A. Information from the government				
	0-4	67.4	69.8	
	5	26.3	23.5	
	6-10	6.1	6.5	
	No opinion/NA	0.4	0.4	
B. Information from nuclear power specialists		3.77	4.11	0.34*
	0-4	48.5	42.8	
	5	31.9	34.7	

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	6-10	18.3	3.6	
	No opinion/NA	1.4	1.4	
C. Information from electric companies		1.75	1.72	-0.03
	0-4	83.1	81.4	
	5	12.3	13.7	
	6-10	4	4	
	No opinion/NA	0.7	0.7	
D. Information from media		3.42	3.38	-0.04
	0-4	56.1	57.1	
	5	36.5	34	
	6-10	6.7	7.8	
	No opinion/NA	0.7	1.1	
E. Information from NPO and NGO		4.95	5.28	0.33*
	0-4	26.3	23.6	
	5	46	40	
	6-10	23	31.9	
	No opinion/NA	5	4.6	
F. Information from the Internet		4.11	4.40	0.29
	0-4	38.3	35.4	
	5	44.9	43.5	
	6-10	11.6	16.6	
	No opinion/NA	5.3	4.6	
Q6. Do you think the following ideas are important personally and for our society? On a scale from 0 to 10, where 0 is the least important, 10 is the most important, and 5 is exactly in the middle, please choose one.		8.28	8.52	0.24
a. All people should have equal opportunities				
	0-4	3.2	2.9	
	5	20.7	15.8	
	6-10	74.4	80.8	
	No opinion/NA	1.8	0.7	
b. It is ideal for people and companies to compete freely with each other		7.06	7.30	0.24
	0-4	5	3.7	
	5	32.6	29.1	
	6-10	61.8	67	
	No opinion/NA	0.8	0.4	
c. We should minimize our unemployment rate		8.19	8.34	0.15
	0-4	2.9	4	
	5	14.4	12.3	
	6-10	81.1	83.1	
	No opinion/NA	1.8	0.7	
d. No one should struggle with food or having a place to live		8.63	8.61	-0.02
	0-4	4.3	2.8	

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	5	9.8	12.3	
	6-10	84.9	84.3	
	No opinion/NA	1.1	0.7	
e. We should earn as much money as possible		5.07	5.59	0.52**
	0-4	25.6	18.6	
	5	46.7	46.3	
	6-10	26.7	34.1	
	No opinion/NA	1.1	1.1	
f. We should have a choice on how to use our own money		6.27	6.36	0.09
	0-4	13.5	11.2	
	5	40	42.1	
	6-10	45.3	46	
	No opinion/NA	1.4	0.8	
g. We should minimize gaps in income and assets		5.93	6.37	0.44*
	0-4	18.3	12.8	
	5	36.1	36.1	
	6-10	45	50.6	
	No opinion/NA	0.8	0.7	
h. We have to promote economic growth		7.00	7.32	0.32
	0-4	9.2	8.2	
	5	29.5	22.8	
	6-10	60.3	67.3	
	No opinion/NA	1.1	1.8	
i. Children should receive good educations		9.07	9.14	0.07
	0-4	1.5	0.8	
	5	6	6	
	6-10	92.3	93	
	No opinion/NA	0.4	0.4	
j. We should have a safe community		8.98	9.19	0.21
	0-4	1.2	0.7	
	5	5.6	4.6	
	6-10	92.6	94.4	
	No opinion/NA	0.8	0.4	
k. All people should have clean air and water		9.18	9.15	-0.03
	0-4	1.1	0.8	
	5	5.6	5.6	
	6-10	93	93	
	No opinion/NA	0.4	0.7	
Q7. Do you agree or disagree with the following statements?				
a. Politicians are concerned about what ordinary people are thinking		2.72	2.55	-0.17
	Disagree	40.7	47.8	
	Neither	36.1	30.9	
	Agree	16.2	19.7	

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	No opinion/NA	7.1	1.8	
b. Because most public policies are complicated, it is impossible for ordinary people like me to understand them.		3.47	3.39	-0.08
	Disagree	22.8	24.6	
	Neither	22.5	22.1	
	Agree	50.9	52.2	
	No opinion/NA	3.9	1.1	
c. It makes no difference even if ordinary people like me say something against what the government does		2.21	2.29	0.08
	Disagree	65.7	62.8	
	Neither	13.3	14.7	
	Agree	19.3	21.4	
	No opinion/NA	1.8	1.1	
d. I have opinions and want to ask someone to listen.		4.00	4.08	0.08
	Disagree	2.5	5.7	
	Neither	28.8	16.8	
	Agree	64.6	74.4	
	No opinion/NA	4.3	3.2	
Q8. Please imagine people who have different opinions from yours. Do you agree or disagree the following statement?				
a. They do not understand the issues		5.01	4.80	-0.21
	Disagree	17.7	28.8	
	Neither	56.8	46.3	
	Agree	18.7	21.4	
	No opinion/NA	7	3.6	
b. They believe things that are actually not true		5.01	4.77	-0.24
	Disagree	16.3	28.4	
	Neither	57.9	42.5	
	Agree	19	25.7	
	No opinion/NA	7	3.5	
c. They did not think about (the issues) clearly		5.13	4.79	-0.34
	Disagree	17.7	32.7	
	Neither	53.7	38.2	
	Agree	21.5	24.6	
	No opinion/NA	7.4	4.6	
d. They have some reasons. These reasons in some aspect are solid.		5.77	6.53	0.76***
	Disagree	10.7	10.6	
	Neither	46	31.6	
	Agree	35.8	54.4	
	No opinion/NA	7.7	3.5	
e. They only pay attention to their own benefits.		6.05	5.79	-0.26
	Disagree	12.4	17.3	
	Neither	40.7	39.3	

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	Agree	40	40	
	No opinion/NA	7	3.5	
Q9. Please imagine people who have different opinions from yours. Do you agree or disagree the following statement?				
		3.77	3.93	0.16*
a. I respect other people's opinion even if they are different from mine				
	Disagree	6.4	6.7	
	Neither	24.6	16.1	
	Agree	67.4	76.9	
	No opinion/NA	1.8	0.4	
b. It is impossible to reach agreements with them				
	Disagree	3.06	2.93	-0.13
	Disagree	24.6	33.3	
	Neither	46.3	38.6	
	Agree	26.3	27	
	No opinion/NA	2.8	1.1	
c. I can compromise for the purpose of achieving agreements that both sides of people can support.				
	Disagree	3.61	3.63	0.02
	Disagree	10.2	14.1	
	Neither	29.5	21.8	
	Agree	57.9	62.8	
	No opinion/NA	2.5	1.5	