[1506]

Survey Title: Disaster recovery field survey for residents of Futaba district (Code data), 2011

Depositor: Fukushima University, Faculty of Administration and Social Sciences

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August, 2011 Fukushima University

Disaster recovery field survey for residents of Futaba district

This surv a case of ey is being conducted by Fukushima University Disaster Recovery Research Institute in cooperation with the Futaba District Association of Towns and Villages. This field survey of the residents of the eight municipalities of the Futaba district is conducted as part of the process of recovery from the Great East Japan Earthquake. This survey is intended to be used in future deliberations regarding the restoration of the entire Futaba district, and is being conducted on residents who lived in Futaba-gun (Futaba County).

The purpose of this survey is specifically to contribute to the recovery of the Futaba district. The survey will not be used for any other purpose. In addition, information provided by respondents will be handled with the utmost care, carefully considering respondents' privacy and keeping individual respondents' responses confidential when the results of this survey are made public.

To improve present evacuee living conditions even a little bit, to assist residents in putting their lives back in order in the future, and for the recovery of all of Futaba-gun, we ask for your participation so that the results of the survey can reflect the voices of as many people as possible.

Question 1. These questions are about you individually. Circle one response, or write your information directly into the blank, if one is provided.

(1) Sex:	Male	Fema	le			
(2) Age	(age last bir	rthday)	Date of Birth	Year	Month	
(3) This q	(3) This question is about the damage to the home you were living in at the time of the earthquake.					at the time of the earthquake.
(including	apartments an	nd rented	d houses)			
① complete collapse			(2) half col	llapse (requir	res major repairs)	
3 half collapse (requires minor repairs)		4) partial damage				
(5) no	damage			6 other ()

(4-1) What type of work did you do before the earthquake? (Circle one.)				
① student ② company emp	ployee ③ self-owned business			
4 part-time or hourly employee 5 civil	l servant 6 nonprofit organization employee			
7 not employed 8 other ()			
(4-2) This question is for people who selected	2, 3, 4, or 8 in Question (4-1). What type of industry			
were you employed in before the earthquake?	(Circle one.)			
① agriculture, forestry and fishing	(2) construction			
③ manufacturing	4 utilities (electricity, gas and water)			
(5) transportation and communication	(6) wholesale, retail, restaurant			
(7) finance and insurance	(8) real estate			
service industry	(10) other ()			
(4-3) What kind of work do you do now? (Cir	cle one.)			
① student ② company emp	ployee ③ self-owned business			
(4) part-time or hourly employee (5) civil	l servant 6 nonprofit organization employee			
7) not employed 8) other ()			
(4-4) This question is for people who selected	2, 3, 4, or 8 in Question (4-3). What type of industry			
(4-4) This question is for people who selected (are you employed in now? (Circle one.)	2, 3, 4, or 8 in Question (4-3). What type of industry			
	2, 3, 4, or 8 in Question (4-3). What type of industry 2 construction			
are you employed in now? (Circle one.)				
are you employed in now? (Circle one.) ① agriculture, forestry and fishing	② construction			
are you employed in now? (Circle one.) ① agriculture, forestry and fishing ③ manufacturing	(2) construction(4) utilities (electricity, gas and water)			
are you employed in now? (Circle one.) ① agriculture, forestry and fishing ③ manufacturing ⑤ transportation and communication	 (2) construction (4) utilities (electricity, gas and water) (6) wholesale, retail, restaurant 			
are you employed in now? (Circle one.) ① agriculture, forestry and fishing ③ manufacturing ⑤ transportation and communication ⑦ finance and insurance	 2 construction 4 utilities (electricity, gas and water) 6 wholesale, retail, restaurant 8 real estate 			
are you employed in now? (Circle one.) ① agriculture, forestry and fishing ③ manufacturing ⑤ transportation and communication ⑦ finance and insurance	 ② construction ④ utilities (electricity, gas and water) ⑥ wholesale, retail, restaurant ⑧ real estate ① other () 			
are you employed in now? (Circle one.) ① agriculture, forestry and fishing ③ manufacturing ⑤ transportation and communication ⑦ finance and insurance ⑨ service industry Question 2 These questions are about your even	 ② construction ④ utilities (electricity, gas and water) ⑥ wholesale, retail, restaurant ⑧ real estate ① other () 			
are you employed in now? (Circle one.) ① agriculture, forestry and fishing ③ manufacturing ⑤ transportation and communication ⑦ finance and insurance ⑨ service industry Question 2 These questions are about your even	2 construction 4 utilities (electricity, gas and water) 6 wholesale, retail, restaurant 8 real estate 10 other ()			
are you employed in now? (Circle one.) ① agriculture, forestry and fishing ③ manufacturing ⑤ transportation and communication ⑦ finance and insurance ⑨ service industry Question 2 These questions are about your evaluation (1) Where did you live before you evacuated?	② construction ④ utilities (electricity, gas and water) ⑥ wholesale, retail, restaurant ⑧ real estate ⑪ other () accuation conditions. Circle the appropriate municipality and write the name of			
are you employed in now? (Circle one.) ① agriculture, forestry and fishing ③ manufacturing ⑤ transportation and communication ⑦ finance and insurance ⑨ service industry Question 2 These questions are about your evaluation (1) Where did you live before you evacuated? the neighborhood in the ().	2 construction 4 utilities (electricity, gas and water) 6 wholesale, retail, restaurant 8 real estate 10 other () acuation conditions. Circle the appropriate municipality and write the name of			
are you employed in now? (Circle one.) ① agriculture, forestry and fishing ③ manufacturing ⑤ transportation and communication ⑦ finance and insurance ⑨ service industry Question 2 These questions are about your evaluated? the neighborhood in the (). ① Hirono-machi ② Naraha-machi	2 construction 4 utilities (electricity, gas and water) 6 wholesale, retail, restaurant 8 real estate 10 other () acuation conditions. Circle the appropriate municipality and write the name of thi 3 Tomioka-machi chi 6 Futaba-machi			

(2) How many years ago	o did you start living	at that address	? (Circle one.)			
1) less than one year		2 at least 1	1 year, less than 2 years			
3 at least 2 years, les	s than 5 years	4 at least 5	5 years, less than 10 years			
(5) at least 10 years, le	ess than 20 years	6 20 years	s or more			
(3) These questions are	about the place you e	evacuated to.				
(3-1) Where are you live	ing (where have you	evacuated to) n	now?			
prefecture () muni	cipality ()			
(3-2) Choose the type of	f housing that best de	escribes your cu	urrent living situation. (Circle one.)			
1 evacuation center (including hotels, etc.) 2 provisiona	al housing			
3 relative's or friend'	's home					
4 housing rented by t	he municipality on b	ehalf of evacue	ees (privately rented apartments)			
(5) rented housing paid	d for by me (including	g detached hou	ses, apartments, etc.)			
6 other ()					
(3-3) Circle the reasons	why you selected that	at place to evac	uate to. (Circle all that apply.)			
1 reasons related to v	work (workplace is cl	lose, etc.)				
2 reasons related to c	② reasons related to children (school, etc.)					
	the effects of radiation	on.				
(4) It's close to relative						
	th other people from		et			
	tructions from the go	vernment				
7) It's less of an econ	omic burden.					
8 other ()					
(A) I 1 1 1			1			
		w many places	have you evacuated to so far?			
This is the ()th p	place so far.					
0 1 2 77		**				
Question 3 These questi	•					
yourself?	nected by the disast	er, now many	people were in your household, including			
(peopl	<u>e)</u>					

(2) Please write information about people you were living with in the following table. Also mark a circle next to the head of the household (one person).

	Head of	Relationship	Sex	Age	In School?	Employment
	Household					status
Ex.	0	Your wife's father	M F	64	yes no	yes no
				years		
				old		
1		Yourself				
2		Your	M F		yes no	yes no
3		Your	M F		yes no	yes no
4		Your	M F		yes no	yes no
5		Your	M F		yes no	yes no
6		Your	M F		yes no	yes no
7		Your	M F		yes no	yes no
8		Your	M F		yes no	yes no
9		Your	M F		yes no	yes no

^{*} If there are 10 or more people, continue writing in this blank space.

* After the earthquake, are family members living apart from each other? If yes, write the number of					
that person (from the list of members of your household from the above table) and the place they					
evacuate	ed to.				
No. 【]	Municipality []		
No. 【]	Municipality []		
No. 【]	Municipality []		
No. [] Municipality []					
No. 【]	Municipality []		

(3) This question is for people who have family members living apart from each other after the earthquake disaster. If you are experiencing hardships or problems as a result of living apart, please describe them in the space provided here.

Question 4 These questions are about returning to the place you lived before you evacuated.

(1) What condition would the place you previously	lived in have to be	for you to return to	live there?
Circle the statement that is closest to how you feel.			

$\textcircled{1}$ I will return as soon as radiation levels come down to safety levels set by the government. \rightarrow $\textcircled{\textbf{Go}}$
to (3)]
② I will return when radiation levels come down and infrastructure necessary for daily life, such as
utilities, including water, sewage, electricity and gas are restored. → 【Go to (3)】
3 I will return when, in addition to 1 and 2 above, the national and local governments have
planned and enacted an adequate for decontamination. → 【Go to (3)】
4 I will return when, in addition to 1 through 3 above, a certain number of town residents have
already returned.→ 【Go to (3)】

- 6 Other () \rightarrow [Go to (3)]
- (2) This question is for people who selected answer choice ⑤ "I do not intend to return." for question (1) above. Circle all reasons you do not wish to return. (Circle all that apply.)
- ① because I don't believe there will be a resolution to the nuclear power plant accident
- 2 because I think the radioactive contamination will be difficult to clean up
- 3 because I can't trust the levels declared safe by the national government
- 4 because I feel insecure about daily life and finances in the future
- (5) because I've already found a new job
- 6 because others in my family are against it
- $\widehat{7}$ other (

 \rightarrow [Go to (4)]

- (3) This question is for people who did not select answer choice ⑤ "I do not intend to return." for question (1) above.
- (3-1) Circle all reasons you wish to return. (Circle all that apply.)
- (1) because that is where, for generations, my ancestors have owned land, lived and were buried
- (2) because it is the town where I lived, so I feel attached to it
- (3) because I want to rebuild with other members of the community
- (4) because I like living in that community
- (5) because I have nowhere else to go
- (6) because I am insecure about living in a very different, unfamiliar place
- (7) because my family and other townspeople say they will return
- 8 other (

(3-2) Assuming you would eventually be able to return to the community you were living in, how long would you be					
able to wait? Circle one (1) response.					
(1) less than one year (2) one to two years (3) two to three years					
4 three to five years 5 I would continue to wait 6 other ()					
(3-3) Where would you like to live for the time until you return to where you were living before you were affected by					
the disaster?					
a) Location (Circle one.)					
(1) a municipality inside Futaba-gun					
② a municipality adjacent to Futaba-gun (Iwaki city, etc.)					
③ a municipality inside Fukushima prefecture not listed above					
4 a municipality outside Fukushima prefecture.					
(5) I haven't decided yet.					
6 other ()					
b) Housing conditions (Circle one.)					
① provisional housing					
② privately owned housing rented by the government on behalf of evacuees					
(3) public housing (4) public housing for disaster restoration (to be built in the future)					
(5) home of relatives or friends (6) rented housing paid for by myself					
(7) other ()					
(4) These questions are about tsunami damage.					
(4-1) Was your home damaged by the tsunami? <u>Circle one.</u>					
① yes ② no → 【Go to (5)】					
(4-2) This question is for people who responded "yes" to question (4-1) above. Circle one statement that					
reflects your hopes about your housing in the future. (Circle one.)					
1 I want to return to the place I used to live.					
② I would like to live in an elevated area.					
③ I want to live in a different municipality than I did before.					
4 other ()					
(5) These questions are about the use of agricultural land in the future.					
(5-1) Did you own or use agricultural land before the earthquake?					
1 I owned/used agricultural land.					
(2) I didn't own/use agricultural land \rightarrow [Go to O5]					

(5-2) This question is for people w	ho respon	ded "I owned/use	d agricultural land." to	question (5-1)
above. Considering the salt damage	from the	tsunami and the s	oil and water contamina	ntion caused by
the nuclear accident, circle the state	ment below	w that most close	ly reflects your intention	ns for the land.
(Circle one.)				
① I want to try to improve the soil	l and water	r quality of the lar	nd and use it for commen	rcial farming.
② I will give up farming it.				
③ I will search for a different way	to use it.			
4 I can't decide. I haven't decided	d yet.			
⑤ other ()			
Question 5 These questions are about	ıt issues re	garding daily livi	ng.	
(1) What is your source of funds to p	oay your d	ay-to-day living e	xpenses? (Circle all tha	nt apply.)
1 relief money and provisional co	mpensatio	on payments	2 wages from work	ing
③ income from a business	4 pens	ion, etc.	(5) personal savings	
6 loans	7 welfs	are benefits	8 other ()
(2) At present, do you have any prob	olems in yo	our daily living? (Circle all that apply.)	
1 no job or can't run own business	i	2 not enough n	noney to meet living exp	penses
3 my health got worse, or my need	for nursin	ng care increased		
4 family relationships got worse		⑤ I don't know	when I will find housing	ıg.
6 I'm worried about the effects of	radiation.	7 school, etc. f	or children	
(8) relationships with the people aro	und me	9 nothing in pa	rticular	
10 other ()		
(3) This question is about life planni	ng for you	r evacuee life in th	ne future. How will you	pay your living
expenses? Circle one response that v	will be the	main means of pa	ying for those expenses	
1 relief money and provisional compensation payments				
② income from part time or hourly work				
③ own business or start work as a	regular en	nployee		
4 savings and/or pension, etc.				
(5) other ()			

(4) Please indicate for each of the five statements which is closest to how you have been feeling over the last two weeks. (Circle one response for each statement.)

	,	•		`			
	Over the last two weeks	All of the time	Most of the time	More than half of the time	Less than half of the time	Some of the time	At no time
1	I have felt cheerful and in good spirits.	5	4	3	2	1	0
2	I have felt calm and relaxed.	5	4	3	2	1	0
3	I have felt active and vigorous.	5	4	3	2	1	0
4	I woke up feeling fresh and rested.	5	4	3	2	1	0
5	My daily life has been filled with things that interest me.	5	4	3	2	1	0

Question 6 This question is about obtaining information from the government. How would you like the government to share information with you in the future? (Circle up to 3.)

1 prefecture and town/village newsletters (paper)				
2 prefecture and town/village website				
③ television				
(4) newspaper				
(5) radio				
6 postal mail				
7 Internet				
(8) telephone (including mobile phone)				
(9) e-mail				
(10) fax				
(11) circulars and notice boards				
(12) explanation directly from local government employees				
(13) other ()				

Question 7 This question is about your daily life in the future. Circle up to three items which you are particularly troubled by regarding your future daily life. (Circle up to 3.)

1) There is no estimate for when I can (re)start my business.

② I can't find work in the place I have evacuated to.

3 I don't know ho	w long I will have to evacuate, so	I can't decide what to do.			
(4) I don't where I'm going to get money for living expenses.					
(5) I don't know where I'm going to live in the future.					
(6) I'm worried about the effects of radiation.					
7 I'm worried about my children's education.					
(8) I'm worried about maintaining relationships with friends and acquaintances from the place where					
I used to live.					
9 I'm worried abo	ut whether I can get along with th	e residents around me.			
10 other ()				
Question 8 These que	estions are about future disaster re	covery.			
(1) For recovery, wh	ich do you think are most import	ant? Circle up to three items that you think are			
important. (Circle u	p to 3.)				
1 restoration of pr	imary industries such as agricultu	re, forestry and fisheries			
2 promoting indus	stry to establish employment for ye	oung people			
3 growth and deve	elopment of the tourism industry				
4 attract companie	es to build factories, etc.				
(5) create a hub for	renewable energy				
6 attract universiti	es and research facilities				
7 promotion of the	e construction of public and privat	e housing			
8 make improvem	ents to schools and other education	nal facilities			
9 expand facilities	for the elderly and medical facili	ties			
10 merge the munic	cipalities in the Futaba district				
(11) establish a medi	um- to long-term restoration plan				
(12) establish separat	te recovery plans for each commun	nity			
(13) establish a single	e recovery plan for the entire Futa	ba district			
(14) other ()				

(1) Please write any other thoughts, suggestions or opinions you have about the recovery of the Futaba district.

* The remainder of this survey is to be filled out by members of the household who are in the younger generation (approximately 13-39 years of age). We ask each member of the household who is in this age range to fill out the remainder of this survey. If more than one member of the household belongs to the younger generation, we kindly ask you to make the appropriate number of copies, etc. so that each member can complete this portion of the survey with his or her own data.

Question 9 This question is about you individually.

(1) Se	ex: Male	Fema	le					
(2) Ag	ge (age last birth	day)	Date of Birth	Year	N	Month		
(3) Where did you live before you were evacuated?								
Circle the appropriate town or village and write the neighborhood name in the ().								
1	Hirono-machi	2	Naraha-machi	3)	Tomioka-machi		
4	Kawauchi-mura	(5)	Ōkuma-machi	6)	Futaba-machi		
7	Namie-machi	8	Katsurao-mura	ι (() neighborhood		

Question 10 What do you think is most important for the recovery of your home town? Circle up to three items. (Circle up to three.)

1 measurement of radiation levels and decontamination activities				
2 establishment of industry and places to work.				
3 places for the younger generation to talk about recovery				
4 establishment of places to live for the younger generation				
5 places for shopping close to living areas				
6 other ()				

Question 11

If you are worried about the effects of radiation on your health, please write about those concerns here. In addition, if you have any requests of actions national and local governments could take that would ease your concerns, please write those here as well.

Question 12 As a member of the younger generation, please write your opinion about working towards the recovery of Futaba-gun in the future.

* This is the end of the questions. Thank you for completing the survey. Please put the completed survey in the enclosed return envelope (no postage stamp is needed) and send it back by no later than September 30th.