

Basic Survey (Radiation Dose Estimates) reported on 20 August 2013

1. Response Rates and Radiation Dose Estimates

1.1 Response Rates of Residents

The overall effective response rate to the Basic Survey (radiation dose estimates), which targeted the entire population of Fukushima Prefecture, was 23.5% (483,088/2,056,994) as of 31 July 2013.

Although the response rate was higher (58.3%) in the preceding survey of high-priority areas (Yamakiya of Kawamata, Namie and Iitate), the response rate of the full-scale survey was 23.0%. Regional variations in the response rates were also observed, ranging from 13%–15% in Aizu and Minami-aizu to 42% in Soso area (Table 1).

1.2 Radiation Dose Estimates

Recorded movements of respondents are converted to digital data, and effective external cumulative doses are calculated using the dose calculation system developed by the National Institute of Radiological Sciences. Doses have been estimated for 445,015/483,088 respondents (92.1%) as of 31 July 2013 (Table 1), and the results have been returned to 420,392 respondents.

Table 1		Response rates to the Basic Survey						As of 31 July 2013
		Target population a	Response b	Response rates c=b/a	Completed dose estimation d	Proportion e=d/b	Returned results f	Proportion g=f/b
Preceding Survey	Yamakiya of Kawamata, Namie and Iitate	29,044	16,936	58.3%	16,339	96.5%	16,166	95.5%
Full-scale Survey	Kempoku	504,291	132,998	26.4%	126,502	95.1%	120,489	90.6%
	Kenchu	560,116	116,444	20.8%	107,760	92.5%	101,697	87.3%
	Kennan	152,776	26,910	17.6%	24,588	91.4%	23,484	87.3%
	Aizu	267,696	40,411	15.1%	36,127	89.4%	34,449	85.2%
	Minami-aizu	30,831	4,140	13.4%	3,645	88.0%	3,587	86.6%
	Soso	168,409	70,928	42.1%	63,164	89.1%	58,421	82.4%
	Iwaki	343,831	74,321	21.6%	66,890	90.0%	62,099	83.6%
	Subtotal	2,027,950	466,152	23.0%	428,676	92.0%	404,226	86.7%
Total		2,056,994	483,088	23.5%	445,015	92.1%	420,392	87.0%

1.3 Response Rates (Visitors)

The survey questionnaire was distributed upon request to non-residents who were visiting or staying in Fukushima Prefecture at the time of the accident. Of 2,064 responses, doses have been estimated for 1,593 respondents (77.2%), and the results shall be returned accordingly (Table 2).

Table 2 Response rates to the Basic Survey (Visitors) As of 31 July 2013						
Number of request	Response	Response rates	Completed dose estimation	Proportion	Returned results	Proportion
a	b	c=b/a	d	e=d/b	f	g=f/b
3,789	2,064	54.5%	1,701	82.4%	1,593	77.2%

2. Results of Radiation Dose Estimates

Radiation doses for a total of 445,015 residents have been estimated to date. The results for 435,788 respondents (excluding radiation workers) suggested that the doses for more than 90% of the respondents were <2 mSv in Kempoku and Kenchu areas. The doses for approximately 91% of the respondents in Kennan area and more than 99% of those in Aizu and Minami-aizu were <1 mSv. Doses for 78% of respondents in Soso area and more than 99% of respondents in Iwaki were also <1 mSv (Table 3).

Effective Dose (mSv)	Total	Excluding radiation workers				By region (excluding radiation workers)															
						Kempoku *		Kenchu		Kennan		Aizu		Minami-aizu		Soso **		Iwaki			
<1	292,998	287,103	65.9%	94.8%	99.8%	39,955	31.8%	62,993	59.1%	22,076	90.8%	35,531	99.4%	3,591	99.4%	57,898	78.0%	65,059	99.2%		
1-2	128,471	126,184	29.0%			73,390	58.4%	37,510	35.2%	2,238	9.2%	198	0.6%	23	0.6%	12,325	16.6%	500	0.8%		
2-3	19,898	19,541	4.5%			11,861	9.4%	5,784	5.4%	12	0.0%	8	0.0%	0	—	1,857	2.5%	19	0.0%		
3-4	1,444	1,374	0.3%			418	0.3%	278	0.3%	0	—	1	0.0%	0	—	674	0.9%	3	0.0%		
4-5	599	561	0.1%			41	0.0%	5	0.0%	0	—	0	—	0	—	514	0.7%	1	0.0%		
5-6	465	413	0.1%	0.2%	0.2%	22	0.0%	2	0.0%	0	—	0	—	0	—	389	0.5%	0	—		
6-7	272	241	0.1%			8	0.0%	0	—	0	—	0	—	0	—	233	0.3%	0	—		
7-8	158	123	0.0%			1	0.0%	0	—	0	—	0	—	0	—	122	0.2%	0	—		
8-9	122	82	0.0%			0	—	0	—	0	—	0	—	0	—	82	0.1%	0	—		
9-10	73	43	0.0%			0	—	0	—	0	—	0	—	0	—	43	0.1%	0	—		
10-11	74	45	0.0%	0.0%	0.0%	0	—	0	—	0	—	0	—	0	—	45	0.1%	0	—		
11-12	50	31	0.0%			1	0.0%	0	—	0	—	0	—	0	—	30	0.0%	0	—		
12-13	37	14	0.0%			0	—	0	—	0	—	0	—	0	—	14	0.0%	0	—		
13-14	33	11	0.0%			0	—	0	—	0	—	0	—	0	—	11	0.0%	0	—		
14-15	32	11	0.0%			0	—	0	—	0	—	0	—	0	—	11	0.0%	0	—		
15+	289	11	0.0%	0.0%	0.0%	0	—	0	—	0	—	0	—	0	—	11	0.0%	0	—		
Total	445,015	435,788	100.0%	100.0%	100.0%	125,697	100%	106,572	100%	24,326	100%	35,738	100%	3,614	100%	74,259	100%	65,582	100%		
Max	66mSv	25mSv				11mSv		5.9mSv		2.6mSv		3.6mSv		1.6mSv		25mSv		4.8mSv			

* Including Yamakiya of Kawamata.
 ** Including Namie and Iitate.

Percentages have been rounded and may not total to 100%.

3. Evaluation of the results

The latest effective radiation dose estimates showed similar trends to those observed so far.

Since previous epidemiological studies indicate no significant health effects at doses <100 mSv, we concluded that radiation doses estimated so far are unlikely to cause adverse effects on health, although this conclusion is based on effective doses estimated only for the first four months following the accident.

References

- 1) Sources and effects of ionizing radiation, United Nations Scientific Committee on the Effects of Atomic Radiation, UNSCEAR 2008 Report to the General Assembly, with scientific annexes.

Response rates to the Basic Survey by district
 Preceding and full-scale surveys

As of 31 July 2013

Area	District	Target population	Response	Response rates	Completed dose estimation	Proportion	Returned results	Proportion
		a	b	c=b/a	d	e=d/b	f	g=f/b
Kempoku	Fukushima	296,421	83,073	28.0%	79,759	96.0%	76,425	92.0%
	Nihonmatsu	60,967	14,535	23.8%	13,660	94.0%	12,854	88.4%
	Date	67,854	15,864	23.4%	14,773	93.1%	13,828	87.2%
	Motomiya	31,874	7,493	23.5%	7,040	94.0%	6,528	87.1%
	Kori	13,293	3,560	26.8%	3,348	94.0%	3,252	91.3%
	Kunimi	10,342	2,692	26.0%	2,505	93.1%	2,435	90.5%
	Kawamata	15,916	4,966	31.2%	4,661	93.9%	4,481	90.2%
	Otama	8,872	1,606	18.1%	1,494	93.0%	1,411	87.9%
	Subtotal	505,539	133,789	26.5%	127,240	95.1%	121,214	90.6%
Kenchu	Koriyama	341,841	74,411	21.8%	69,267	93.1%	65,413	87.9%
	Sukagawa	80,425	13,444	16.7%	12,574	93.5%	11,763	87.5%
	Tamura	41,805	10,116	24.2%	8,839	87.4%	8,396	83.0%
	Kagamiishi	13,172	2,430	18.4%	2,216	91.2%	2,088	85.9%
	Tenei	6,481	944	14.6%	798	84.5%	739	78.3%
	Ishikawa	17,518	3,661	20.9%	3,375	92.2%	2,993	81.8%
	Tamakawa	7,385	1,277	17.3%	1,163	91.1%	1,109	86.8%
	Hirata	7,088	1,394	19.7%	1,271	91.2%	1,234	88.5%
	Asakawa	7,200	1,232	17.1%	1,143	92.8%	1,100	89.3%
	Furudono	6,349	1,092	17.2%	1,008	92.3%	970	88.8%
	Miharu	19,086	4,289	22.5%	4,041	94.2%	3,880	90.5%
	Ono	11,766	2,154	18.3%	2,065	95.9%	2,012	93.4%
	Subtotal	560,116	116,444	20.8%	107,760	92.5%	101,697	87.3%
Kennan	Shirakawa	65,542	11,711	17.9%	10,679	91.2%	10,003	85.4%
	Nishigo	20,137	4,117	20.4%	3,797	92.2%	3,660	88.9%
	Izumizaki	7,025	1,140	16.2%	1,009	88.5%	970	85.1%
	Nakajima	5,316	726	13.7%	664	91.5%	641	88.3%
	Yabuki	18,509	3,346	18.1%	3,050	91.2%	2,941	87.9%
	Tanagura	15,416	2,306	15.0%	2,112	91.6%	2,084	90.4%
	Yamatsuri	6,494	1,171	18.0%	1,072	91.5%	1,058	90.4%
	Hanawa	10,125	1,728	17.1%	1,607	93.0%	1,547	89.5%
	Samekawa	4,212	665	15.8%	598	89.9%	580	87.2%
	Subtotal	152,776	26,910	17.6%	24,588	91.4%	23,484	87.3%
Aizu	Aizuwakamatsu	128,052	21,091	16.5%	19,148	90.8%	18,389	87.2%
	Kitakata	53,270	6,680	12.5%	6,025	90.2%	5,751	86.1%
	Kitashiobara	3,283	415	12.6%	368	88.7%	346	83.4%
	Nishiaizu	7,732	1,161	15.0%	1,014	87.3%	952	82.0%
	Bandai	3,897	556	14.3%	497	89.4%	463	83.3%
	Inawashiro	16,328	2,795	17.1%	2,518	90.1%	2,338	83.6%
	Aizubange	17,914	2,266	12.6%	1,826	80.6%	1,726	76.2%
	Yukawa	3,524	426	12.1%	370	86.9%	346	81.2%
	Yanaizu	4,081	528	12.9%	466	88.3%	419	79.4%
	Mishima	2,048	315	15.4%	264	83.8%	235	74.6%
	Kaneyama	2,549	530	20.8%	456	86.0%	445	84.0%
	Showa	1,570	316	20.1%	243	76.9%	237	75.0%
	Aizumisato	23,448	3,332	14.2%	2,932	88.0%	2,802	84.1%
	Subtotal	267,696	40,411	15.1%	36,127	89.4%	34,449	85.2%
Minami-aizu	Shimogo	6,656	896	13.5%	802	89.5%	793	88.5%
	Hinoemata	618	97	15.7%	84	86.6%	83	85.6%
	Tadami	5,038	792	15.7%	686	86.6%	676	85.4%
	Minami-aizu	18,519	2,355	12.7%	2,073	88.0%	2,035	86.4%
	Subtotal	30,831	4,140	13.4%	3,645	88.0%	3,587	86.6%
Soso	Soma	37,511	12,282	32.7%	10,925	89.0%	10,405	84.7%
	Minami-soma	70,326	29,413	41.8%	26,323	89.5%	24,163	82.2%
	Hirono	5,141	2,168	42.2%	1,795	82.8%	1,482	68.4%
	Naraha	8,052	4,078	50.6%	3,414	83.7%	3,037	74.5%
	Tomioka	15,794	8,474	53.7%	7,849	92.6%	7,448	87.9%
	Kawauchi	3,039	1,501	49.4%	1,336	89.0%	1,255	83.6%
	Okuma	11,500	5,886	51.2%	5,094	86.5%	4,664	79.2%
	Futaba	7,140	3,882	54.4%	3,607	92.9%	3,403	87.7%
	Namie	21,249	12,765	60.1%	12,367	96.9%	12,258	96.0%
	Katsurao	1,545	806	52.2%	645	80.0%	530	65.8%
	Shinchi	8,361	2,438	29.2%	2,176	89.3%	2,034	83.4%
	Iitate	6,547	3,380	51.6%	3,234	95.7%	3,183	94.2%
	Subtotal	196,205	87,073	44.4%	78,765	90.5%	73,862	84.8%
Iwaki	Iwaki	343,831	74,321	21.6%	66,890	90.0%	62,099	83.6%
Total		2,056,994	483,088	23.5%	445,015	92.1%	420,392	87.0%

*Including Yamakiya of Kawamata, Namie and Iitate

Estimated external radiation doses

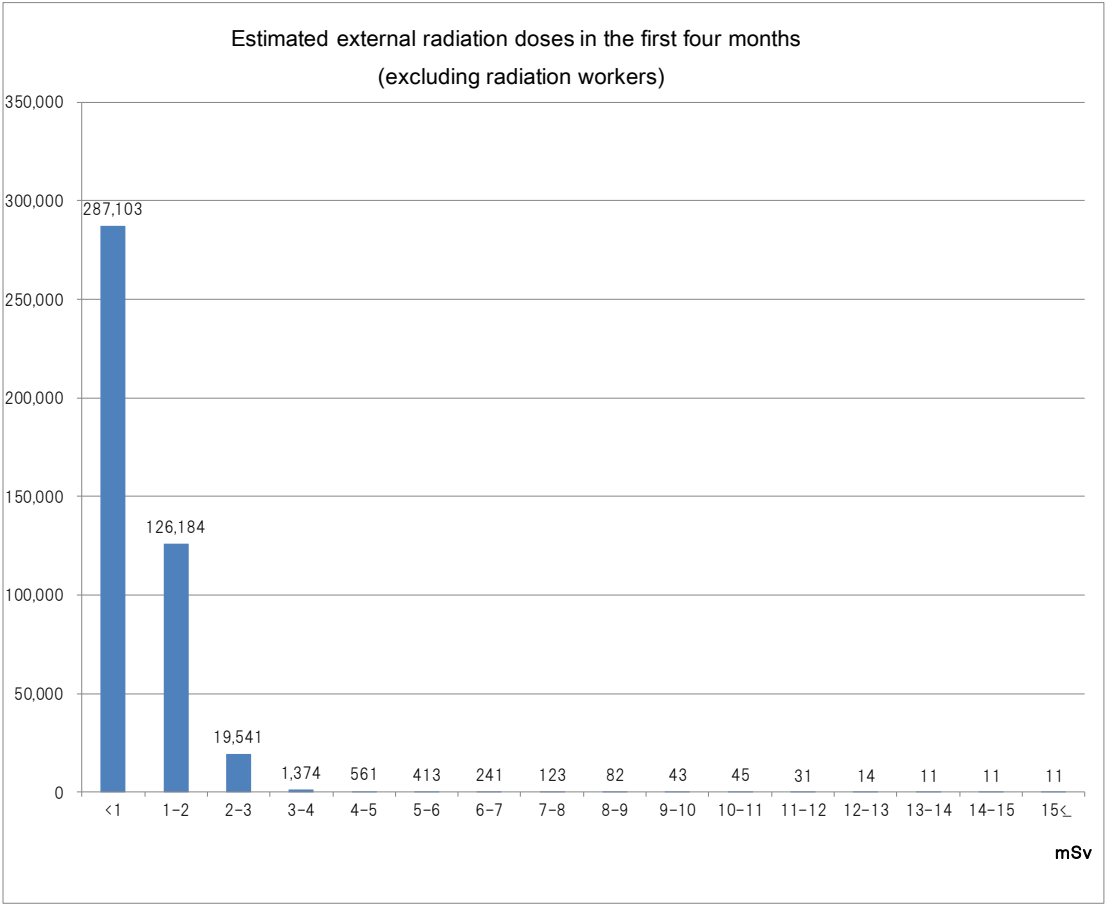
Preceding Survey and full-scale survey

As of 31 July 2013

Estimated external radiation doses by region in the first four months

Effective Dose (mSv)	Total	Excluding radiation workers	By region							Proportion (%) excluding radiation workers		
			Kempoku	Kenchu	Kennan	Aizu	Minami-aizu	Soso	Iwaki			
<1	292,998	287,103	39,955	62,993	22,076	35,531	3,591	57,898	65,059	65.9	94.8	99.8
1-2	128,471	126,184	73,390	37,510	2,238	198	23	12,325	500	29.0		
2-3	19,898	19,541	11,861	5,784	12	8	0	1,857	19	4.5	4.8	
3-4	1,444	1,374	418	278	0	1	0	674	3	0.3		
4-5	599	561	41	5	0	0	0	514	1	0.1	0.2	0.2
5-6	465	413	22	2	0	0	0	389	0	0.1		
6-7	272	241	8	0	0	0	0	233	0	0.1	0.1	
7-8	158	123	1	0	0	0	0	122	0	0.0		
8-9	122	82	0	0	0	0	0	82	0	0.0	0.0	
9-10	73	43	0	0	0	0	0	43	0	0.0		
10-11	74	45	0	0	0	0	0	45	0	0.0	0.0	0.0
11-12	50	31	1	0	0	0	0	30	0	0.0		
12-13	37	14	0	0	0	0	0	14	0	0.0	0.0	
13-14	33	11	0	0	0	0	0	11	0	0.0		
14-15	32	11	0	0	0	0	0	11	0	0.0	0.0	
15≤	289	11	0	0	0	0	0	11	0	0.0	0.0	0.0
Total	445,015	435,788	125,697	106,572	24,326	35,738	3,614	74,259	65,582	100.0	100.0	100.0
Max	66	25	11	5.9	2.6	3.6	1.6	25	4.8			

Percentages have been rounded and may not total to 100%.



Estimated external radiation dose by age group in the first four months (excluding radiation workers)

Effective Dose (mSv)	Age at the time of the disaster									Total
	0 - 9	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 -	
<1	32,209	26,955	21,183	33,129	28,150	35,554	47,034	37,440	25,449	287,103
1-2	14,763	13,010	9,171	16,660	15,538	17,776	19,544	12,567	7,155	126,184
2-3	3,620	2,049	1,004	2,100	2,026	2,758	3,218	1,919	847	19,541
3-4	162	113	83	147	149	245	233	164	78	1,374
4-5	22	53	40	43	81	106	92	76	48	561
5-6	17	19	25	33	47	97	82	65	28	413
6-7	4	7	12	19	30	45	58	43	23	241
7-8	2	7	8	7	14	33	23	19	10	123
8-9	1	6	3	8	8	18	16	10	12	82
9-10	0	0	1	2	4	12	12	8	4	43
10-11	1	1	1	2	9	14	6	8	3	45
11-12	0	0	0	2	0	7	10	10	2	31
12-13	0	0	0	0	1	6	4	2	1	14
13-14	0	0	1	1	1	5	3	0	0	11
14-15	0	0	0	0	0	6	4	1	0	11
15≤	0	1	0	0	2	2	5	0	1	11
Total	50,801	42,221	31,532	52,153	46,060	56,684	70,344	52,332	33,661	435,788

Estimated external radiation doses by sex in the first four months (excluding radiation workers)

Effective Dose (mSv)	By sex				Total	Proportion (%)
	Male	Proportion (%)	Female	Proportion (%)		
<1	125,739	64.2	161,364	67.3	287,103	65.9
1-2	57,783	29.5	68,401	28.5	126,184	29.0
2-3	10,606	5.4	8,935	3.7	19,541	4.5
3-4	858	0.4	516	0.2	1,374	0.3
4-5	304	0.2	257	0.1	561	0.1
5-6	215	0.1	198	0.1	413	0.1
6-7	136	0.1	105	0.0	241	0.1
7-8	70	0.0	53	0.0	123	0.0
8-9	46	0.0	36	0.0	82	0.0
9-10	27	0.0	16	0.0	43	0.0
10-11	31	0.0	14	0.0	45	0.0
11-12	17	0.0	14	0.0	31	0.0
12-13	6	0.0	8	0.0	14	0.0
13-14	8	0.0	3	0.0	11	0.0
14-15	7	0.0	4	0.0	11	0.0
15≤	9	0.0	2	0.0	11	0.0
Total	195,862	100.0	239,926	100.0	435,788	100.0

Percentages have been rounded and may not total to 100%.

As of 31 July 2013

Estimated external radiation doses by region in the first four months (excluding radiation workers)

Area/region		Effective Doses (mSv)																Total
		<1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15≤	
Kempoku	Fukushima	24,755	46,666	7,114	126	9	5	2	0	0	0	0	0	0	0	0	0	78,677
	Nihonmatsu	3,257	7,627	2,564	69	0	0	0	0	0	0	0	0	0	0	0	0	13,517
	Date	6,081	7,457	960	129	7	2	1	0	0	0	0	0	0	0	0	0	14,637
	Motomiya	1,665	4,457	830	20	1	0	0	0	0	0	0	0	0	0	0	0	6,973
	Kori	797	2,470	59	1	0	1	0	0	0	0	0	0	0	0	0	0	3,328
	Kunimi	1,303	1,174	12	0	0	0	0	0	0	0	0	0	0	0	0	0	2,489
	Kawamata	1,554	2,700	229	72	24	14	5	1	0	0	0	1	0	0	0	0	4,600
	Otama	543	839	93	1	0	0	0	0	0	0	0	0	0	0	0	0	1,476
Subtotal		39,955	73,390	11,861	418	41	22	8	1	0	0	0	1	0	0	0	0	125,697
Kenchu	Koriyama	29,333	33,367	5,495	268	5	2	0	0	0	0	0	0	0	0	0	0	68,470
	Sukagawa	9,908	2,340	212	4	0	0	0	0	0	0	0	0	0	0	0	0	12,464
	Tamura	8,100	571	21	3	0	0	0	0	0	0	0	0	0	0	0	0	8,695
	Kagamiishi	2,145	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,194
	Tenei	370	390	33	1	0	0	0	0	0	0	0	0	0	0	0	0	794
	Ishikawa	3,318	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,349
	Tamakawa	1,136	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1,152
	Hirata	1,232	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,261
	Asakawa	1,126	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1,139
	Furudono	988	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	999
	Miharu	3,345	642	19	2	0	0	0	0	0	0	0	0	0	0	0	0	4,008
	Ono	1,992	54	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2,047
Subtotal		62,993	37,510	5,784	278	5	2	0	0	0	0	0	0	0	0	0	0	106,572
Kennan	Shirakawa	9,759	770	5	0	0	0	0	0	0	0	0	0	0	0	0	0	10,534
	Nishigo	2,425	1,337	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3,765
	Izumizaki	986	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,003
	Nakajima	654	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	661
	Yabuki	2,964	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,019
	Tanagura	2,063	25	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2,091
	Yamatsuri	1,060	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,066
	Hanawa	1,578	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,595
	Samekawa	587	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	592
	Subtotal	22,076	2,238	12	0	0	0	0	0	0	0	0	0	0	0	0	0	24,326
Aizu	Aizuwakamatsu	18,813	105	3	0	0	0	0	0	0	0	0	0	0	0	0	0	18,921
	Kitakata	5,913	37	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5,951
	Kitashiobara	363	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	365
	Nishiaizu	1,007	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,008
	Bandai	483	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	493
	Inawashiro	2,477	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,497
	Aizubange	1,805	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,811
	Yukawa	365	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	368
	Yanaizu	462	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	465
	Mishima	262	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	262
	Kaneyama	450	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	451
	Showa	241	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	242
	Aizumisato	2,890	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2,904
Subtotal		35,531	198	8	1	0	0	0	0	0	0	0	0	0	0	0	0	35,738
Minami-aizu	Shimogo	797	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	799
	Hinoemata	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
	Tadami	679	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	682
	Minami-aizu	2,032	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,050
Subtotal		3,591	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,614
Soso	Soma	10,311	373	75	12	4	0	0	0	0	1	0	0	0	0	0	0	10,776
	Minami-soma	19,291	5,664	443	84	33	3	5	4	1	0	0	1	0	0	0	0	25,529
	Hirono	1,646	41	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1,689
	Naraha	3,023	124	13	2	0	1	0	0	0	0	0	0	0	0	0	0	3,163
	Tomioka	5,783	1,057	95	15	3	1	0	2	2	0	0	0	0	0	0	0	6,958
	Kawauchi	936	311	16	0	0	0	0	1	0	0	0	0	0	0	0	0	1,264
	Okuma	3,152	1,162	92	14	9	4	4	3	0	2	2	0	0	2	0	0	4,446
	Futaba	2,660	442	72	19	5	3	2	6	2	1	0	1	0	0	0	0	3,213
	Namie	8,123	2,385	481	101	48	27	27	17	12	6	16	9	5	4	4	8	11,273
	Katsurao	474	136	17	4	0	0	0	0	0	0	0	0	0	0	0	0	631
	Shinchi	2,129	17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2,147
	Iitate	370	613	552	423	412	350	194	89	64	33	27	19	9	5	7	3	3,170
Subtotal		57,898	12,325	1,857	674	514	389	233	122	82	43	45	30	14	11	11	11	74,259
Iwaki	Iwaki	65,059	500	19	3	1	0	0	0	0	0	0	0	0	0	0	0	65,582
Subtotal		287,103	126,184	19,541	1,374	561	413	241	123	82	43	45	31	14	11	11	11	435,788
Proportion (%)		65.9	29.0	4.5	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
		94.8		4.8		0.2		0.1		0.0		0.0		0.0		0.0		100.0
			99.8					0.2				0.0					0.0	100.0
Visitors		1,416	247	17	2	1	0	0	1	0	0	0	0	0	0	0	0	1,684
Total+Visitors		288,519	126,431	19,558	1,376	562	413	241	124	82	43	45	31	14	11	11	11	437,472

Percentages have been rounded and may not total to 100%.

Results of primary examination

The confirmed test results by 7 June 2013

	Number of participants as of 31 July	Number of confirmed test results b ¹⁾	Number by class				Number by nodules and cysts			
			Proportion (%)				Nodules		Cysts	
			A		B	C	Proportion (%)		Proportion (%)	
			A1	A2			≥5.1mm	≤5.0mm	≥20.1mm	≤20.0mm
Municipalities targeted for FY 2013 examination	39,927	16,633	6,799	9,721	113	0	112	77	1	9,757
		41.7	40.9	58.4	0.7	0.0	0.7	0.5	0.0	58.7
Municipalities targeted for FY 2012 examination	Carried out in FY 2012	134,748	134,748	73,730	60,073	944	1	931	680	8
			100.0	54.7	44.6	0.7	0.0	0.7	0.5	0.0
	Carried out in FY 2013	838	425	231	186	8	0	8	4	0
			50.7	54.4	43.8	1.9	0.0	1.9	0.9	0.0
	Subtotal	135,586	135,173	73,961	60,259	952	1	939	684	8
			99.7	54.7	44.6	0.7	0.0	0.7	0.5	0.0
Municipalities targeted for FY 2011 examination	Carried out in FY 2011	38,114	38,114	24,469	13,459	186	0	184	201	1
			100.0	64.2	35.3	0.5	0.0	0.5	0.5	0.0
	Carried out in FY 2012	2,647	2,647	1,437	1,187	23	0	23	23	0
			100.0	54.3	44.8	0.9	0.0	0.9	0.9	0.0
	Carried out in FY 2013	535	319	157	157	5	0	5	2	0
			59.6	49.2	49.2	1.6	0.0	1.6	0.6	0.0
	Subtotal	41,296	41,080	26,063	14,803	214	0	212	226	1
			99.5	63.4	36.0	0.5	0.0	0.5	0.6	0.0
Total	216,809	192,886	106,823	84,783	1,279	1	1,263	987	10	84,858
		89.0	55.4	44.0	0.7	0.0	0.7	0.5	0.0	44.0

1) Number of participants with confirmed test results who underwent the examination inside and outside Fukushima.

Status of the results

A1: No nodules/cysts

A2: Nodules ≤5.0 mm or cysts ≤20.0 mm

B : Nodules ≥5.1 mm or cysts ≥20.1 mm

C : Immediate need for secondary examination

Outline of the results

- Those with A1 and A2 screening test results need a follow-up till next screening from April 2014.
- Those with B and C screening test results will undergo a secondary examination.
- Some A2 test results may be classified as B results when clinically indicated.

- Percentages have been rounded and may not total to 100%.
- FY 2011 is from 1 April 2011 through 31 March 2012.
- FY 2012 is from 1 April 2012 through 31 March 2013.
- FY 2013 is from 1 April 2013 through 31 March 2014.

Results of the secondary examination

Municipalities targeted for FY 2013 examination

As of 31 July 2013

Number of participants in primary examination a 1)	Number who required secondary examination b	Participants in secondary examination						Number of people whose secondary examination was completed					Total number of participants in secondary examination
		Total c	Age 0-5 d	Age 6-10 e	Age 11-15 f	Age 16-18 g	Total h 2)	Requiring further examination		Advised to be monitored			
										k 4)	With aspiration biopsy cytology l		
								A1 i 3)	A2 j 3)				
b/a (%)	c/b (%)	d/c (%)	e/c (%)	f/c (%)	g/c (%)	h/b (%)	i/h (%)	j/h (%)	k/h (%)	l/k (%)			
Subtotal	39,927	113 0.3	3 2.7	0 0.0	1 33.3	2 66.7	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	3	

Municipalities targeted for FY 2012 examination

	Number of participants in primary examination a 1)	Number who required secondary examination b	Participants in secondary examination					Number of people whose secondary examination was completed					Total number of participants in secondary examination		
			Total c	Age 0-5 d	Age 6-10 e	Age 11-15 f	Age 16-18 g	Total h 2)	Requiring further examination		Advised to be				
											monitored k 4)	With aspiration biopsy cytology l			
									A1 i 3)	A2 j 3)					
b/a (%)	c/b (%)	d/c (%)	e/c (%)	f/c (%)	g/c (%)	h/b (%)	i/h (%)	j/h (%)	k/h (%)	l/k (%)					
Fukushima	46,805	273	242	4	27	96	115	233	2	60	171	67	581		
		0.6	88.6	1.7	11.2	39.7	47.5	85.3	0.9	25.8	73.4	39.2			
		53	40	0	4	22	14	38	0	5	33	18			
Nihonmatsu	8,675	0.6	75.5	0.0	10.0	55.0	35.0	71.7	0.0	13.2	86.8	54.5	97		
		28	22	1	2	13	6	16	0	3	13	4			
		0.5	78.6	4.5	9.1	59.1	27.3	57.1	0.0	18.8	81.3	30.8			
Motomiya	5,154	7	7	0	0	4	3	5	0	1	4	2	46		
		0.5	100.0	0.0	0.0	57.1	42.9	71.4	0.0	20.0	80.0	50.0			
		443	182	3	56	86	37	90	0	36	54	16			
Koriyama	50,997	0.9	41.1	1.6	30.8	47.3	20.3	20.3	0.0	40.0	60.0	29.6	289		
		12	9	1	2	3	3	9	0	2	7	2			
		0.7	75.0	11.1	22.2	33.3	33.3	75.0	0.0	22.2	77.8	28.6			
Kori	1,803	15	12	2	2	2	6	9	1	1	7	3	20		
		1.1	80.0	16.7	16.7	16.7	50.0	60.0	11.1	11.1	77.8	42.9			
		6	5	0	2	1	2	4	1	1	2	0			
Tenei	860	0.7	83.3	0.0	40.0	20.0	40.0	66.7	25.0	25.0	50.0	0.0	12		
		63	46	2	10	25	9	38	1	8	29	7			
		0.6	73.0	4.3	21.7	54.3	19.6	60.3	2.6	21.1	76.3	24.1			
Shirakawa	11,012	30	23	1	5	9	8	18	0	6	12	1	44		
		0.8	76.7	4.3	21.7	39.1	34.8	60.0	0.0	33.3	66.7	8.3			
		5	4	0	2	0	2	2	0	2	0	0			
Izumizaki	1,148	0.4	80.0	0.0	50.0	0.0	50.0	40.0	0.0	100.0	0.0	0.0	7		
		15	0	0	0	0	0	0	0	0	0	0			
		0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Miharu	2,446	3	2	0	0	2	0	0	0	0	0	0	0		
		0.9	66.7	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0			
		953	594	14	112	263	205	462	5	125	332	120			
Iwaki	341	0.7	62.3	2.4	18.9	44.3	34.5	48.5	1.1	27.1	71.9	36.1	2		
		Subtotal	135,586												1,264

Municipalities targeted for FY 2011 examination

Participants targeted for examination	Number of participants in primary examination a 1)	Number who required secondary examination b	Participants in secondary examination					Number of people whose secondary examination was completed					Total number of participants in secondary examination
			Total c	Age 0-5 d	Age 6-10 e	Age 11-15 f	Age 16-18 g	Total h 2)	Requiring further examination		Advised to be		
											monitored k 4)	With aspiration biopsy cytology l	
									A1 i 3)	A2 j 3)			
b/a (%)	c/b (%)	d/c (%)	e/c (%)	f/c (%)	g/c (%)	h/b (%)	i/h (%)	j/h (%)	k/h (%)	l/k (%)			
Kawamata	2,231	8 0.4	8 100.0	0 0.0	1 12.5	3 37.5	4 50.0	8 100.0	1 12.5	0 0.0	7 87.5	6 85.7	24
Namie	3,207	25 0.8	20 80.0	1 5.0	3 15.0	6 30.0	10 50.0	20 80.0	1 5.0	3 15.0	16 80.0	10 62.5	51
Iitate	940	6 0.6	6 100.0	0 0.0	2 33.3	1 16.7	3 50.0	5 83.3	1 20.0	2 40.0	2 40.0	2 100.0	13
Minami-soma	10,581	52 0.5	45 86.5	6 13.3	3 6.7	15 33.3	21 46.7	44 84.6	4 9.1	4 9.1	36 81.8	21 58.3	105
Date	10,621	50 0.5	44 88.0	0 0.0	3 6.8	16 36.4	25 56.8	42 84.0	4 9.5	8 19.0	30 71.4	23 76.7	117
Tamura	6,363	33 0.5	24 72.7	1 4.2	3 12.5	13 54.2	7 29.2	21 63.6	0 0.0	2 9.5	19 90.5	9 47.4	59
Hirono	796	4 0.5	2 50.0	0 0.0	1 50.0	0 0.0	1 50.0	1 25.0	0 0.0	0 0.0	1 100.0	1 100.0	3
Naraha	1,088	5 0.5	4 80.0	1 25.0	0 0.0	0 0.0	3 75.0	3 60.0	0 0.0	1 33.3	2 66.7	1 50.0	9
Tomioka	2,179	11 0.5	7 63.6	0 0.0	1 14.3	2 28.6	4 57.1	7 63.6	0 0.0	0 0.0	7 100.0	5 71.4	18
Kawauchi	267	4 1.5	4 100.0	0 0.0	1 25.0	0 0.0	3 75.0	4 100.0	0 0.0	1 25.0	3 75.0	1 33.3	11
Okuma	1,906	12 0.6	7 58.3	0 0.0	0 0.0	4 57.1	3 42.9	6 50.0	0 0.0	1 16.7	5 83.3	3 60.0	15
Futaba	903	3 0.3	2 66.7	0 0.0	0 0.0	1 50.0	1 50.0	1 33.3	0 0.0	0 0.0	1 100.0	1 100.0	3
Katsurao	180	1 0.6	1 100.0	0 0.0	1 100.0	0 0.0	0 0.0	1 100.0	0 0.0	1 100.0	- 0.0	- 0.0	2
Other	34	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	-
Subtotal	41,296	214 0.5	174 81.3	9 5.2	19 10.9	61 35.1	85 48.9	163 76.2	11 6.7	23 14.1	129 79.1	83 64.3	430

Total	216,809	1,280 0.6	771 60.2	23 3.0	132 17.1	326 42.3	290 37.6	625 48.8	16 2.6	148 23.7	461 73.8	203 44.0	1,697
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- 1) Number of participants who underwent the examination within and outside Fukushima prefecture as of 31 July 2013.
 - 2) Excluding the participants who has not been informed of the results of the blood test, the urine test, and cytodiagnosis.
 - 3) Targets for further examination from April 2014.
 - 4) Those requiring re-examination after six-month to one year.
- Since secondary examination has just begun, the number of participants is still low for comparison of municipalities.
 - Percentages have been rounded and may not total to 100%.

Results of aspiration biopsy cytology

As of 31 July 2013

	Malignant or Suspicious for malignancy	Male: Female	Average age (Years \pm SD, range)		Average size
FY 2011	14 cases (10 surgical: 1 benign thyroid nodule, 9 papillary carcinomas)	5:9	At diagnosis	17.2 \pm 2.0, 13-20	14.7 \pm 6.7mm 6.0-33.0mm
			On 11 March 2011	15.6 \pm 2.0, 11-18	
FY 2012	30 cases (9 surgical: all papillary carcinomas)	13:17	At diagnosis	16.3 \pm 3.0, 8-21	15.7 \pm 8.2mm 5.2-34.1mm
			On 11 March 2011	14.3 \pm 2.9, 6-18	
Total	44 cases (19 surgical: 1 benign thyroid nodule, 18 papillary carcinomas)	18:26	At diagnosis	16.6 \pm 2.7, 8-21	15.4 \pm 7.6mm 5.2-34.1mm
			On 11 March 2011	14.7 \pm 2.7, 6-18	

SD: Standard Deviation

Results of the secondary examination by municipalities as of 31 July 2013

Municipalities targeted for FY 2012 examination

	Number of participants in primary examination a 1)	Number who required secondary examination b	Number of participants in secondary examination	Participation rates b/a (%)	Number of malignant or suspicious for malignancy c	Proportion c/a (%)
Fukushima	46,805	273	242	0.6	11	0.02
Nihonmatsu	8,675	53	40	0.6	4	0.05
Motomiya	5,154	28	22	0.5	3	0.06
Otama	1,357	7	7	0.5	1	0.07
Koriyama	50,997	443	182	0.9	8	0.02
Kori	1,803	12	9	0.7	0	0.00
Kunimi	1,369	15	12	1.1	0	0.00
Tenei	860	6	5	0.7	0	0.00
Shirakawa	11,012	63	46	0.6	2	0.02
Nishigo	3,619	30	23	0.8	1	0.03
Izumizaki	1,148	5	4	0.4	0	0.00
Miharu	2,446	15	0	0.6	0	0.00
Iwaki	341	3	2	0.9	0	0.00
Total	135,586	953	594	0.7	30	0.02

1) Total number of participants within and outside Fukushima.

● Priority for secondary examination is given to those in urgent clinical need.

Municipalities targeted for FY 2011 examination

	Number of participants in primary examination a 1)	Number who required secondary examination b	Number of participants in secondary examination	Participation rates b/a (%)	Number of malignant or suspicious for malignancy c 2)	Proportion c/a (%)
Kawamata	2,231	8	8	0.4	2	0.09
Namie	3,207	25	20	0.8	1	0.03
Iitate	940	6	6	0.6	0	0.00
Minami-soma	10,581	52	45	0.5	2	0.02
Date	10,621	50	44	0.5	2	0.02
Tamura	6,363	33	24	0.5	3	0.05
Hirono	796	4	2	0.5	0	0.00
Naraha	1,088	5	4	0.5	0	0.00
Tomioka	2,179	11	7	0.5	1	0.05
Kawauchi	267	4	4	1.5	1	0.37
Okuma	1,906	12	7	0.6	1	0.05
Futaba	903	3	2	0.3	0	0.00
Katsurao	180	1	1	0.6	0	0.00
Other 3)	34	0	-	-	-	-
Total	41,296	214	174	0.5	13	0.03

1) Total number of participants within and outside Fukushima.

2) Excluding the case of suspected malignancy found benign by aspiration biopsy cytology.

3) Number of those who underwent thyroid examination at schools outside of the nationally designated evacuation zones.

Mental Health and Lifestyle Survey

Reported on 20 August 2013

Response rates and support after the survey (FY 2012)

1. Response rates

Number of response As of 31 July 2013

	Target population	Number of response	Response rates (%)
Children	27,108	11,124	41.0
Adults	184,507	54,890	29.7
Total	211,615	66,014	31.2

2. Support after the survey

2.1 Telephone counseling

Respondents who required support were identified on the basis of the survey response. Members of the FMU Mental Health Support Team (clinical psychologists and public health nurses et al.) attempted to contact the respondents via telephone, and provided advice and information about mental health issues.

Support for those who required support (A) As of 31 July 2013

	Respondents who required support	Proportion ¹⁾ (%)	Support given for those who required support ²⁾	Proportion (%)	Number of respondents whose support was completed ³⁾	Proportion (%)
Children	556	5.0	556	100.0	495	88.9
Adults	4,120	7.5	4,117	99.9	3,511	85.2
Total	4,677	7.1	4,673	99.9	4,006	85.6

1) Percentages of respondents out of 11,103 children and 54,872 adults whose data were entered into the database.

2) Including respondents who could not be reached for telephone support due to absence or other reasons or who did not provide their phone numbers.

3) Including support with written materials.

Respondents who required support (A)

Children with SDQ (Strength and Difficulties Questionnaire) score of ≥ 20 and adults with K6 (Kessler, 2003) score of ≥ 17 or PCL (PTSD Checklist Stressor-Specific Version) score of ≥ 61 .

Support for those who required support (B)

As of 31 July 2013

	Respondents who required support	Proportion (%) ¹⁾	Support given for those who required support ²⁾	Proportion (%)	Number of respondents whose support was completed ³⁾	Proportion (%)
Children	112	1.0	88	78.6	65	58.0
Adults	1,694	3.1	713	42.1	541	31.9
Total	1,806	2.7	801	44.4	606	33.6

1) Percentages of respondents out of 11,103 children and 54,872 adults whose data were entered into the database.

2) Including respondents who could not be reached for telephone support due to absence or other reasons or who did not provide their phone numbers.

3) Including support with written materials.

Respondents who required support (B)

Those identified on the basis of the content of free-answer questions.

Adults with a previous history of hypertension or diabetes who haven't received medical care with a BMI ≥ 30 , and a weight gain of ≥ 3 kg after the disaster.

2.2 Written materials

Respondents who could not be reached for telephone support due to absence or other reasons were sent written materials providing the telephone number of the Mental Health and Lifestyle Survey helpline for consultation. In order to provide them telephone counselling, the written materials include a response card for them to write down the changes of physical condition since they filled out the survey form.

2.3 Support with municipal governments

The information of the respondents who were determined to require continuous support is shared with municipal governments which work with the Fukushima Centre for Disaster Mental Health as needed. 40 respondents were identified as candidates.

2.4 Other support services

We provide over-the-phone support to those who directly make calls to the Mental Health and Lifestyle Survey helpline. 12 people received phone support.

FY 2012 is from 1 April 2012 through 31 March 2013.

Interim report of Mental Health and Lifestyle Survey (FY 2012)

Purpose

On the basis of the results of Mental Health and Lifestyle survey (FY 2011), we conducted the survey using questionnaires in order to continue sending a strong message of support to the victim. In addition, this survey aims to provide better care by understanding the changes in lives of the victim and their cause.

Subjects

Target population of the survey in FY 2012 was 211,615 including officially registered residents of the nationally designated evacuation zones – Hirono, Naraha, Tomioka, Kawauchi, Okuma, Futaba, Namie, Katsurao, Iitate, Minami-soma, Tamura, Kawamata, and part of Date (the area with a specific spot recommended for evacuation) – and those born before 1 April 2012.

Group 1: 4,625 children born between 2 April 2009 and 1 April 2012 (0-3 year olds)

Group 2: 5,047 children born between 2 April 2006 and 1 April 2009 (4-6 year olds)

Group 3: 11,413 children born between 2 April 2000 and 1 April 2006 (primary school age)

Group 4: 6,023 children born between 2 April 1997 and 1 April 2000 (middle school age)

Group 5: 184,507 adults born before 1 April 1997

Methods

Questionnaires (to be filled out by self or parent/guardian) were mailed to the target population.

Data collection

52,116 responses gathered from 7 February through 28 February 2013 have been entered into the database by 19 July 2013.

Results

The numbers of valid response were: 1,804 (39.0%) in Group 1, 1,905 (37.7%) in Group 2, 3,974 (34.8%) in Group 3, 1,796 (29.8%) in Group 4 and 39,495 (21.4%) in Group 5.

Conclusions

Children

The prevalence of above the cut-off point of ≥ 16 on SDQ was higher among younger children. The survey showed a higher percentage of male children with above the cut-off point than female children: 18.8% in 4-6 years, 18.3% in primary school age and 13.4% in middle school age among male children, 14.5% in 4-6 years, 13.2% in primary school age and 12.2% in middle school age among female children.

Adults

The higher the age, higher the proportion of above the cut-off points (≥ 13 for K6 and ≥ 44 for PCL): 7.9% on K6 and 6.5 % on PCL in 10-19 years, 14.1% on K6 and 27.7% on PCL in 70-79 years.

The prevalence of above the cut-off point on K6 was 13.5% among females compared with 10.0% among males and above the cut-off point on PCL was 19.6% among females compared with 16.6% among males.

FY 2011 is from 1 April 2011 through 31 March 2012.

Pregnancy and Birth Survey

Reported on 20 August 2013

1. Interim report of Pregnancy and Birth Survey (FY2012)

The pregnancy and Birth Survey targeted (1) women who received Maternal and Child Health Handbooks from municipal offices in Fukushima Prefecture between 1 August 2011 and 31 July 2012, and (2) those who had handbooks issued in other prefectures but received prenatal care or delivered babies in Fukushima during the period.

A total of 14,516 questionnaires were distributed after the middle of December 2012.

1.1 Number of responses

- The number of responses as of 30 June was 6,913 (47.6%). The number of responses identified in each area is as follows: 1,780 (53.2%) in Kempoku, 2,002 (47.2%) in Kenchu, 540 (46.4%) in Kennan, 492 (43.0%) in Soso, 1,150 (45.7%) in Iwaki, 777 (42.0%) in Aizu, 77 (49.0%) in Minami-aizu, 95 (99.0%) in outside Fukushima.

1.2 Pregnancy outcome

- The proportion of miscarriage in Fukushima Prefecture was 0.79% and that of induced abortion was 0.09%, no different from the previous fiscal year. The proportion of premature delivery was 5.86% which was higher than the previous fiscal year (4.75%).
- The proportion of congenital malformations or child anomalies in singleton pregnancy was 2.32% in Fukushima Prefecture, which was more or less the same as that in general research (3-5%) like the previous fiscal year (2.74%). Cardiovascular malformations were the leading disease (0.80%).

1.3 Maternal mental health

- The survey showed 25.6% of respondents with depression in Fukushima Prefecture, which was lower than 27.1% in the previous fiscal year. The proportion was highest in Soso area (32.1%) as was the case the previous fiscal year. The area with lowest rate of depression was Minami-aizu (18.2%). According to the Maternal and Child Health 21, using Edinburgh Postnatal Depression Scale, the proportion of post natal depression was 10.3% in 2009.

1.4 Housing environment and child rearing

- The proportion of evacuees living in temporary housing or other housing was high in Soso area (61.5%).

- Asked how they fed the baby, 35.3% respondents were breastfeeding only, 54.2% used a mixture of breast milk and infant formula, 9.9% fed infant formula only. The proportion of those who chose only to breastfeed increased compared to the previous fiscal year (30.4%). The anxiety associated with the effects of radiation on breast milk was the reason for using formula (6.2%). The proportion was lower than the previous fiscal year (19.8%).
- The proportion of those who said they felt confident about child rearing was 46.0%. According to the Infant Health Survey 2010 by the Japanese Society of Child Health, the proportion was 40.5% when the child was one year old.

1.5 The Quality of medical care

- The proportion of those who thought they received adequate care was 81.3% (including ‘Yes-very much so’ and ‘Yes’).
- The proportion of those who could not attend the same facility that they originally intended to visit for obstetric exams or delivery was 14.2% in Fukushima Prefecture, lower than the previous fiscal year (24.6%). The proportion was highest for the Soso area in the previous fiscal year (72.8%) and for the outside Fukushima in the current fiscal year (28.4%). Those who changed to a different facility outside Fukushima of their own accord were 25.1%, the proportion was lower than the previous fiscal year (54.7%).
- The proportion of those who could not undergo obstetric exams as scheduled was 2.3% in Fukushima Prefecture, which was lower than the previous fiscal year (18.8%). Those who thought they were affected by the change were 26.5% in Fukushima Prefecture.

1.6 Next pregnancy

- The proportion of those who are planning to have another baby in the future was 52.7%. According to the Fourteenth Japanese National Fertility Survey in 2010, of couples married for less than 10 year, the proportion of those who want to have a baby was 58% (the proportion was 51% when the couples already had one).
- Services requested by those who wish to have a baby in the future were the information and services regarding child care and pediatric healthcare (70.3%), followed by the adequate nursery school, childcare offering extended hours, and daycare places where sick children can stay (65.7%).
- The reasons for not planning to have a baby in the future are as follows: 46.5% just did not want one, 35.6% said they were busy raising their children, and 14.9% were worried about the effects of radiation.

1.7 Telephone Counseling Conversations

- The number of telephone counseling conversations was 1,059. Those identified as in need of

support were 726 (68.6%) respondents with sign of depression. Additionally, 333 (31.4%) respondents were identified as in need of support based on the free-answer question.

- The most frequently mentioned issue was the mental and physical health issues of mothers (33.1%) followed by child rearing (26.7%). The anxiety about radiation, the most frequently mentioned issue in the previous fiscal year, declined from 29.2% to 23.4%.

1.8 Free-answer question

- 1,430 (20.7%) respondents answered. The number was lower than 3,722 (40.0%) respondents in the previous fiscal year.
- The frequently written issue was the effects of radiation on fetus and child (26.1%), as the previous fiscal year (29.6%).

FY2012 is from 1 April 2012 through 31 March 2013.

2. Pregnancy and Birth Survey comparisons to the previous surveys (FY 2011 and FY2012)

The percentages have been rounded and may not total to 100%.

2.1 Response rate

(FY 2012) From 17 December 2012 through 30 June 2013

Area	Target population (%)	Number of responses (%)
Kempoku	3,347 (23.1)	1,780 (53.2)
Kenchu	4,243 (29.2)	2,002 (47.2)
Kennan	1,164 (8.0)	540 (46.4)
Soso	1,145 (7.9)	492 (43.0)
Iwaki	2,516 (17.3)	1,150 (45.7)
Aizu	1,848 (12.7)	777 (42.0)
Minami-aizu	157 (1.1)	77 (49.0)
Outside Fukushima	96 (0.7)	95 (99.0)
Total	14,516 (100.0)	6,913 (47.6)

The data of 6,876 respondents were collected excluding 37 invalid responses (3 no answer, 33 based on the date of the issue of Maternal and Child Health Handbooks, 1 based on the date of delivery).

(FY 2011) From 20 January 2012 through 31 March 2013

Area	Target population (%)	Number of responses (%)
Kempoku	3,647 (22.8)	2,288 (62.7)
Kenchu	4,819 (30.1)	2,857 (59.3)
Kennan	1,256 (7.8)	631 (50.2)
Soso	1,468 (9.2)	962 (65.5)
Iwaki	2,711 (16.9)	1,513 (55.8)
Aizu	1,919 (12.0)	957 (49.9)
Minami-aizu	152 (0.9)	85 (55.9)
Outside Fukushima	29 (0.2)	23 (79.3)
Total	16,001 (100.0)	9,316 (58.2)

The data of 8,812 respondents were collected excluding 504 invalid responses (3 no answer, 1 death of participant, 1 refused to answer, 19 multiple responses, 25 inconsistent answers, 455 delivery before the disaster on 11 March 2011).

2.2 Pregnancy outcome

(FY2012) *Due to the different outcomes in twin pregnancy, total number does not match the sum of respondents. n(%)

Area	Pregnant	Childbirth	Miscarriage	Induced abortion	Stillbirth	Total
Kempoku	13 (0.73)	1,737 (98.02)	16 (0.90)	0 (0.00)	6 (0.34)	1,772
Kenchu	9 (0.45)	1,966 (98.65)	10 (0.50)	2 (0.10)	6 (0.30)	1,993
Kennan	3 (0.56)	532 (98.52)	5 (0.93)	0 (0.00)	0 (0.00)	540
Soso	4 (0.83)	467 (96.69)	7 (1.45)	3 (0.62)	2 (0.41)	483
Iwaki	8 (0.70)	1,122 (98.16)	11 (0.96)	0 (0.00)	2 (0.17)	1,143
Aizu	2 (0.26)	762 (98.45)	5 (0.65)	1 (0.13)	4 (0.52)	774
Minami-aizu	0 (0.00)	77 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	77
Outside Fukushima	0 (0.00)	95 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	95
Total	39 (0.57)	6,758 (98.27)	54 (0.79)	6 (0.09)	20 (0.29)	6,877*

(FY2011) n(%)

Area	Pregnant	Childbirth	Miscarriage	Induced abortion	Stillbirth	Total
Kempoku	20(0.92)	2,124(98.11)	16(0.74)	1(0.05)	4(0.18)	2,165
Kenchu	45(1.67)	2,616(96.92)	28(1.04)	2(0.07)	8(0.30)	2,699
Kennan	7(1.17)	588(98.00)	4(0.67)	0(0.00)	1(0.17)	600
Soso	4(0.44)	897(98.25)	7(0.77)	1(0.11)	4(0.44)	913
Iwaki	20(1.41)	1,384(97.33)	12(0.84)	1(0.07)	5(0.35)	1,422
Aizu	18(1.98)	888(97.91)	1(0.11)	0(0.00)	0(0.00)	907
Minami-aizu	2(2.38)	82(97.62)	0(0.00)	0(0.00)	0(0.00)	84
Outside Fukushima	0(0.00)	22(100.00)	0(0.00)	0(0.00)	0(0.00)	22
Total	116(1.32)	8,601(97.61)	68(0.77)	5(0.06)	22(0.25)	8,812

Preterm birth rate (the birth of the baby of 22 to 36weeks)

(FY2012) Singleton or twin pregnancy

n(%)

Area	Week of delivery								Number of preterm births (22-36 weeks) Proportion (%)	
	12-21 weeks	Preterm birth					Total	37-41 weeks	42 weeks or more	
		22-23 weeks	24-27 weeks	28-31 weeks	32-36 weeks					
Kempo ku	6(0.34)	0(0.00)	3(0.17)	7(0.40)	72(4.10)	1,662(94.65)	6(0.34)	1,756	82	(4.69)
Kenchu	6(0.30)	3(0.15)	5(0.25)	10(0.50)	113(5.68)	1,845(92.81)	6(0.30)	1,988	131	(6.61)
Kennan	4(0.74)	0(0.00)	1(0.18)	2(0.37)	19(3.51)	511(94.45)	4(0.74)	541	22	(4.10)
Soso	8(1.66)	1(0.21)	3(0.62)	6(1.24)	23(4.77)	439(91.08)	2(0.41)	482	33	(6.96)
Iwaki	6(0.53)	0(0.00)	3(0.26)	5(0.44)	56(4.91)	1,069(93.77)	1(0.09)	1,140	64	(5.64)
Aizu	4(0.51)	1(0.13)	2(0.26)	3(0.39)	54(6.95)	713(91.76)	0(0.00)	777	60	(7.76)
Minam i-aizu	0(0.00)	0(0.00)	0(0.00)	0(0.00)	8(10.26)	70(89.74)	0(0.00)	78	8	(10.26)
Outside Fukushima	0(00.0)	0(0.00)	0(0.00)	0(0.00)	0(0.00)	95(100.00)	0(0.00)	95	0	(0.00)
Total	34(0.50)	5(0.07)	17(0.25)	33(0.48)	345(5.03)	6,404(93.39)	19(0.28)	6,857	400	(5.86)

(FY2011) Singleton or twin pregnancy

n(%)

Area	Week of delivery								Number of preterm births (22-36 weeks) Proportion (%)	
	12-21 weeks	Preterm birth				37-41 weeks	42 weeks or more	Total		
		22-23 weeks	24-27 weeks	28-31 weeks	32-36 weeks					
Kempoku	10(0.47)	1(0.05)	3(0.14)	5(0.23)	84(3.92)	2,032(94.91)	6(0.28)	2,141	93	(4.36)
Kenchu	14(0.53)	2(0.08)	2(0.08)	15(0.56)	103(3.87)	2,509(94.32)	15(0.56)	2,660	122	(4.61)
Kennan	2(0.34)	2(0.34)	0(0.00)	4(0.67)	23(3.87)	559(94.11)	4(0.67)	594	29	(4.90)
Soso	2(0.22)	2(0.22)	4(0.45)	4(0.45)	30(3.35)	849(94.86)	4(0.45)	895	40	(4.48)
Iwaki	5(0.36)	2(0.14)	3(0.21)	6(0.43)	64(4.55)	1,317(93.60)	10(0.71)	1,407	75	(5.35)
Aizu	0(0.00)	1(0.11)	0(0.00)	2(0.22)	47(5.24)	845(94.20)	2(0.22)	897	50	(5.57)
Minami-aizu	0(0.00)	0(0.00)	0(0.00)	0(0.00)	3(3.57)	81(96.43)	0(0.00)	84	3	(3.57)
Outside Fukushima	0(0.00)	0(0.00)	0(0.00)	0(0.00)	0(0.00)	22(100.00)	0(0.00)	22	0	(0.00)
Total	33(0.38)	10(0.11)	12(0.14)	36(0.41)	354(4.07)	8,214(94.41)	41(0.47)	8,700	412	(4.75)

Congenital anomaly in singleton pregnancy (delivery after 12 weeks); Yes/No

(FY2012)

n(%)

Area	Yes	No	Invalid response	Total
Kempoku	39 (2.25)	1,663 (96.02)	30 (1.73)	1,732
Kenchu	46 (2.36)	1,867 (95.74)	37 (1.90)	1,950
Kennan	12 (2.27)	501 (94.71)	16 (3.02)	529
Soso	15 (3.18)	434 (91.95)	23 (4.87)	472
Iwaki	24 (2.16)	1,064 (95.68)	24 (2.16)	1,112
Aizu	17 (2.23)	721 (94.74)	23 (3.02)	761
Minami-aizu	1 (1.32)	75 (98.68)	0 (0.00)	76
Outside Fukushima	2 (2.11)	92 (96.84)	1 (1.05)	95
Total	156 (2.32)	6,417 (95.39)	154 (2.29)	6,727

(FY2011)

n(%)

Area	Yes	No	Invalid response	Total
Kempoku	55 (2.60)	1,989 (93.95)	73 (3.45)	2,117
Kenchu	76 (2.92)	2,418 (92.86)	110 (4.22)	2,604
Kennan	22 (3.77)	539 (92.29)	23 (3.94)	584
Soso	19 (2.13)	837 (93.94)	35 (3.93)	891
Iwaki	38 (2.78)	1,271 (92.98)	58 (4.24)	1,367
Aizu	23 (2.63)	825 (94.50)	25 (2.86)	873
Minami-aizu	0 (0.00)	77 (96.25)	3 (3.75)	80
Outside Fukushima	1 (4.55)	20 (90.91)	1 (4.55)	22
Total	234 (2.74)	7,976 (93.42)	328 (3.84)	8,538

Breakdown of congenital anomaly in singleton pregnancy

(FY2012)

n(%)

Area	Cataract	Cardiovascular malformation	Anomalies of kidney and urinary tract	Rachischisis	Microcephaly	Hydrocephalus	Cleft lip and plate	Gastrointestina l atresia	Imperforate anus	Polydactyly and syndactyly	Other	Total
Kempo ku	0	8	6	0	0	0	2	2	0	4	19	41
Kenchu	0	20	4	0	1	0	4	2	0	3	20	54
Kennan	1	5	1	0	0	2	0	0	0	1	3	13
Soso	1	6	0	1	0	0	2	1	0	1	5	17
Iwaki	0	9	2	0	0	0	3	1	1	4	6	26
Aizu	0	6	0	0	0	0	1	0	1	2	7	17
Minami -aizu	0	0	0	0	0	0	0	1	0	0	0	1
Outside Fukushi ma	0	0	0	0	0	0	1	0	0	0	1	2
Total	2(0.03)	54(0.80)	13(0.19)	1(0.01)	1(0.01)	2(0.03)	13 (0.19)	7 (0.10)	2(0.03)	15(0.22)	61(0.91)	171(2.54)

(Multiple answers allowed)

Breakdown of 'Other'

Accessory auricles	8	Microtia	1	Ovarian cystoma	1	Leukopathia	1
Down syndrome	7	Congenital aural fistula	1	Urachal remnant	1	Congenital cytomegalovirus	1
Diaphragmatic hernia	2	Auricular anomalies	1	Adrenal hyperplasia	1	Inguinal hernia	1
Cavernous angoima	2	Atresia of the external auditory canal	1	Chromosomal aberration	1	Congenital dislocation of the knee	1
Arachnoid cyst	2	Lower auricular malformation	1	Trisomy 18	1	Dislocation	1
Hearing impairment	2	Malformation of the auricle	1	Simple hemangioma	1	Displasia in the upper extremity	1
Fetal Hydrops	2	Congenital cystic adenomatoid malformation of lung	1	Hemangioma of the liver	1	Congenital talipes calcaneovalgus	1
Malrotation	2	Congenital pleural effusion	1	Nevus	1	Osteogenesis imperfecta	1
Cephalocele	1	Localized gastrointestinal perfrpation	1	Congenital melanocytic nevi	1	Clubfoot	1
Craniotabes	1	Hypothyroidism	1	Erythema toxicum neonatorum	1		
Microphthalmos	1	Congenital spherocytosis	1	Hemangioma	1		

(FY2011)

n(%)

Area	Cataract	Cardiovascular malformation	Anomalies of kidney and urinary tract	Rachischisis	Microcephaly	Hydrocephalus	Cleft lip and plate	Gastrointestina l atresia	Imperforate anus	Polydactyly and syndactyly	Other	Total
Kempono	0	20	6	1	0	0	6	1	2	2	23	61
Kenchu	1	22	9	3	1	1	6	2	1	7	33	86
Kennan	0	5	2	0	0	0	0	1	0	2	12	22
Soso	0	5	0	1	0	0	1	1	0	3	9	20
Iwaki	0	14	5	1	0	0	0	1	1	5	16	43
Aizu	0	7	0	0	0	0	2	0	1	3	10	23
Minami -aizu	0	0	0	0	0	0	0	0	0	0	0	0
Outside Fukushima	0	0	0	0	0	0	0	0	0	0	1	1
Total	1 (0.01)	73 (0.86)	22 (0.26)	6 (0.07)	1 (0.01)	1 (0.01)	15 (0.18)	6 (0.07)	5 (0.06)	22 (0.26)	104(1.22)	256(3.00)

(Multiple answers allowed)

Breakdown of 'Other'

Nevus	9	Congenital dislocated hip	2	Congenital talipes calcaneovalgus	1	Congenital cystic adenomatoid malformation	1
Accessory auricles	8	Holoprosencephaly	2	Ptosis	1	Congenital cutis laxa	1
Down syndrome	6	Cryptorchidism	2	The depressor anguli oris	1	Chromosomal aberration	1
Hemangioma	5	Chylothorax	2	Hypoplasia of triangularis	1	Fetal Hydrops	1
Inguinal hernia	4	Abdominal fissure	2	Laryngomalacia	1	Thanatophoric dysplasia	1
Clubfoot	4	Split hand syndrome	2	Thyroid abnormalities	1	Malrotation	1
Hearing loss	4	Trisomy 13	1	Hypothyroidism	1	Craniotabes	1
Strawberry mark	3	Trisomy 18	1	Lipoma	1	Persistent pupillary membrane	1
Microtia	3	Klinefelter syndrome	1	Auricular anomalies Atresia of the external auditory canal	1	Achondroplasia	1
Dermal sinus	3	Rickets	1	Microphthalmos	1	Periventricular leukomalacia	1
Cretinism	2	Cytomegalovirus	1	Anchylosis of the lip	1	Skin tumor	1
Hydrocele testicle	2	Prader-Willi syndrome	1	Vanishing testis	1	Nasolacrimal duct obstruction	1
Torticollis	2	Diaphragmatic hernia	1	Sacral teratoma	1	Adrenal hyperplasia	1
Incontinentia pigmenti	2	Adrenogenital syndrome	1	Congenital Aural Fistula	1	Umbilical hernia	1
						Cervical lymphangioma	1

Congenital anomaly in twin pregnancy (delivery after 12 weeks); Yes/No

(FY2012)				n(%)
Area	Yes	No	Invalid response	Total
Kempoku	1 (4.17)	22 (91.67)	1 (4.17)	24
Kenchu	1 (2.63)	37 (97.37)	0 (0.00)	38
Kennan	0 (0.00)	12 (100.00)	0 (0.00)	12
Soso	0 (0.00)	9 (90.0)	1 (10.00)	10
Iwaki	1 (3.57)	23 (82.14)	4 (14.29)	28
Aizu	1 (6.25)	15 (93.75)	0 (0.00)	16
Minami-aizu	0 (0.00)	2 (100.00)	0 (0.00)	2
Outside Fukushima	0 (0.00)	0 (0.00)	0 (0.00)	0
Total	4 (3.08)	120 (92.31)	6 (4.62)	130

(FY2011)				n(%)
Area	Yes	No	Invalid response	Total
Kempoku	2 (8.33)	19 (79.17)	3 (12.50)	24
Kenchu	3 (5.36)	50 (89.29)	3 (5.36)	56
Kennan	1 (10.00)	9 (90.00)	0 (0.00)	10
Soso	0 (0.00)	4 (100.00)	0 (0.00)	4
Iwaki	0 (0.00)	36 (90.00)	4 (10.00)	40
Aizu	2 (8.33)	20 (83.33)	2 (8.33)	24
Minami-aizu	0 (0.00)	3 (75.00)	1 (25.00)	4
Outside Fukushima	0 (0.00)	0 (0.00)	0 (0.00)	0
Total	8 (4.94)	141 (87.04)	13 (8.02)	162

Breakdown of congenital anomaly in twin pregnancy

(FY2012)												n(%)
Area	Cataract	Cardiovascular malformation	Anomalies of kidney and urinary tract	Rachischisis	Microcephaly	Hydrocephalus	Cleft lip and plate	Gastrointestinal atresia	Imperforate anus	Polydactyly and syndactyly	Other	Total
Kempo ku	0	0	0	1	0	0	0	0	0	0	1	2
Kench u	0	0	0	0	0	0	0	0	0	0	1	1
Kenna n	0	0	0	0	0	0	0	0	0	0	0	0
Soso	0	0	0	0	0	0	0	0	0	0	0	0
Iwaki	0	0	0	0	0	0	1	0	0	0	0	1
Aizu	0	0	0	1	0	1	0	0	0	0	0	2
Minam i-aizu	0	0	0	0	0	0	0	0	0	0	0	0
Outsid e Fukushima	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	2	0	1	1	0	0	0	2	6

Breakdown of ‘Other’

Hypothyroidism	1
Hernia	1

Breakdown of congenital anomaly in twin pregnancy

(FY2011)

n(%)

Area	Cataract	Cardiovascular malformation	Anomalies of kidney and urinary tract	Rachischisis	Microcephaly	Hydrocephalus	Cleft lip and plate	Gastrointestinal atresia	Imperforate anus	Polydactyly and syndactyly	Other	Total
Kempo ku	0	0	0	0	0	0	1	0	0	0	1	2
Kench u	0	0	0	1	0	0	0	0	0	0	2	3
Kenna n	0	1	0	0	0	0	0	0	0	0	0	1
Soso	0	0	0	0	0	0	0	0	0	0	0	0
Iwaki	0	0	0	0	0	0	0	0	0	0	0	0
Aizu	0	2	0	0	0	0	0	0	0	0	0	2
Minam i-aizu	0	0	0	0	0	0	0	0	0	0	0	0
Outsid e Fukush ima	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	1	0	0	1	0	0	0	3	8

Breakdown of ‘Other’

Congenital cystic adenomatoid malformation	1
Fetal hydrops	1

2.3 Maternal Mental Health

Have you often felt sad or depressed over the past month?

Have you often felt disinterested in things or not able to enjoy yourself over the past month?

(FY2012)

n(%)

Area	Yes to both questions	Yes to either of the questions	No to both questions	Invalid response	Total
Kempoku	181 (10.2)	284 (16.0)	1,304 (73.6)	2 (0.1)	1,771
Kenchu	218 (10.9)	303 (15.2)	1,468 (73.7)	4 (0.2)	1,993
Kennan	44 (8.1)	84 (15.6)	409 (75.7)	3 (0.6)	540
Soso	69 (14.3)	86 (17.8)	328 (67.9)	0 (0.0)	483
Iwaki	107 (9.4)	152 (13.3)	882 (77.2)	2 (0.2)	1,143
Aizu	90 (11.6)	108 (14.0)	574 (74.2)	2 (0.3)	774
Minami-aizu	6 (7.8)	8 (10.4)	63 (81.8)	0 (0.0)	77
Outside Fukushima	5 (5.3)	17 (17.9)	73 (76.8)	0 (0.0)	95
Total	720 (10.5)	1,042 (15.2)	5,101 (74.2)	13 (0.2)	6,876

25.6% showed sign of depression.

(720 respondents said 'Yes' to both questions and 1,042 said 'Yes' to either of the questions out of 6,876 respondents.)

(FY2011)

n(%)

Area	Yes to both questions	Yes to either of the questions	No to both questions	Invalid response	Total
Kempoku	290(13.4)	350(16.2)	1,482(68.5)	43(2.0)	2,165
Kenchu	344(12.7)	379(14.0)	1,922(71.2)	54(2.0)	2,699
Kennan	77(12.8)	83(13.8)	426(71.0)	14(2.3)	600
Soso	166(18.2)	134(14.7)	584(64.0)	29(3.2)	913
Iwaki	175(12.3)	176(12.4)	1,046(73.6)	25(1.8)	1,422
Aizu	83(9.2)	121(13.3)	686(75.6)	17(1.9)	907
Minami-aizu	1(1.2)	4(4.8)	76(90.5)	3(3.6)	84
Outside Fukushima	5(22.7)	4(18.2)	12(54.5)	1(4.5)	22
Total	1,141(12.9)	1,251(14.2)	6,234(70.7)	186(2.1)	8,812

27.1% showed sign of depression.

(1,141 respondents said 'Yes' to both questions and 1,251 said 'Yes' to either of the questions out of 8,812 respondents)

2.4 Housing environment and child rearing

Describe your housing environment.

(FY2012)						n(%)
Area	Living in a temporary house	Evacuated but not living in a temporary house	Living in their own houses	Not evacuated	Invalid response	Total
Kempoku	3 (0.2)	85 (4.8)	613 (34.6)	1,057 (59.7)	13 (0.7)	1,771
Kenchu	4 (0.2)	81 (4.1)	927 (46.5)	967 (48.5)	14 (0.7)	1,993
Kennan	1 (0.2)	11 (2.0)	103 (19.1)	421 (78.0)	4 (0.7)	540
Soso	47 (9.7)	250 (51.8)	139 (28.8)	40 (8.3)	7 (1.4)	483
Iwaki	5 (0.4)	39 (3.4)	828 (72.4)	262 (22.9)	9 (0.8)	1,143
Aizu	0 (0.0)	13 (1.7)	39 (5.0)	720 (93.0)	2 (0.3)	774
Minami-aizu	0 (0.0)	1 (1.3)	3 (3.9)	72 (93.5)	1 (1.3)	77
Outside Fukushima	0 (0.0)	6 (6.3)	9 (9.5)	79 (83.2)	1 (1.1)	95
Total	60 (0.9)	486 (7.1)	2,661 (38.7)	3,618 (52.6)	51 (0.7)	6,876

How have you fed your baby before starting solids?

(FY2012)					n(%)
Area	Breast milk only	Mixture of breast milk and infant formula	Infant formula only	Invalid response	Total
Kempoku	644 (37.1)	950 (54.7)	133 (7.7)	10 (0.6)	1,737
Kenchu	655 (33.3)	1,095 (55.7)	205 (10.4)	11 (0.6)	1,966
Kennan	153 (28.8)	311 (58.5)	67 (12.6)	1 (0.2)	532
Soso	146 (31.3)	254 (54.4)	63 (13.5)	4 (0.9)	467
Iwaki	443 (39.5)	574 (51.2)	97 (8.6)	8 (0.7)	1,122
Aizu	261 (34.3)	406 (53.3)	92 (12.1)	3 (0.4)	762
Minami-aizu	32 (41.6)	34 (44.2)	11 (14.3)	0 (0.0)	77
Outside Fukushima	53 (55.8)	40 (42.1)	1 (1.1)	1 (1.1)	95
Total	2,387 (35.3)	3,664 (54.2)	669 (9.9)	38 (0.6)	6,758

(FY2011)					n(%)
Area	Breast milk only	Mixture of breast milk and infant formula	Infant formula only	Invalid response	Total
Kempoku	689(32.4)	1,318(62.1)	112(5.3)	5(0.2)	2,124
Kenchu	759(29.0)	1,655(63.3)	193 (7.4)	9(0.3)	2,616
Kennan	168(28.6)	360(61.2)	59(10.0)	1(0.2)	588
Soso	241(26.9)	549(61.2)	100(11.1)	7(0.8)	897
Iwaki	484(35.0)	822(59.4)	74(5.3)	4(0.3)	1,384
Aizu	238(26.8)	594(66.9)	55(6.2)	1(0.1)	888
Minami-aizu	33(40.2)	45(54.9)	4(4.9)	0(0.0)	82
Outside Fukushima	5(22.7)	14(63.6)	2(9.1)	1(4.5)	22
Total	2,617(30.4)	5,357(62.3)	599 (7.0)	28(0.3)	8,601

For those who used infant formula, please state the reason why you chose it.

(FY2012) n(%)

Area	Insufficient breast milk	Fear of radioactive contamination of breast milk	Other	Total number of valid responses
Kempoku	847 (78.8)	40 (3.7)	228 (21.2)	1,075
Kenchu	989 (76.6)	109 (8.4)	277 (21.5)	1,291
Kennan	311 (82.9)	26 (6.9)	60 (16.0)	375
Soso	244 (77.7)	26 (8.3)	62 (19.7)	314
Iwaki	487 (73.5)	51 (7.7)	157 (23.7)	663
Aizu	385 (78.4)	12 (2.4)	120 (24.4)	491
Minami-aizu	36 (81.8)	2 (4.5)	7 (15.9)	44
Outside Fukushima	31 (75.6)	1 (2.4)	9 (22.0)	41
Total	3,330 (77.6)	267 (6.2)	920 (21.4)	4,294

Multiple answers are allowed and the percentages do not total to 100%.

(FY2011) n(%)

Area	Insufficient breast milk	Fear of radioactive contamination of breast milk	Other	Total number of valid responses
Kempoku	1,037(73.1)	248(17.5)	295(20.8)	1,418
Kenchu	1,305(71.6)	410(22.5)	318(17.4)	1,823
Kennan	277(66.6)	113(27.2)	85(20.4)	416
Soso	460(71.5)	150(23.3)	98(15.2)	643
Iwaki	619(70.0)	180(20.4)	188(21.3)	884
Aizu	512(80.1)	59(9.2)	112(17.5)	639
Minami-aizu	39(79.6)	6(12.2)	7(14.3)	49
Outside Fukushima	12(75.0)	1(6.3)	4(25.0)	16
Total	4,261(72.4)	1,167(19.8)	1,107(18.8)	5,888

Multiple answers are allowed and the percentages do not total to 100%.

Do you sometimes doubt your confidence in your ability of parenting?

(FY2012) n(%)

Area	Yes	No	Not sure	Invalid response	Total
Kempoku	294 (16.9)	773 (44.5)	646 (37.2)	24 (1.4)	1,737
Kenchu	316 (16.1)	873 (44.4)	757 (38.5)	20 (1.0)	1,966
Kennan	78 (14.7)	253 (47.6)	196 (36.8)	5 (0.9)	532
Soso	74 (15.8)	205 (43.9)	176 (37.7)	12 (2.6)	467
Iwaki	134 (11.9)	582 (51.9)	393 (35.0)	13 (1.2)	1,122
Aizu	129 (16.9)	357 (46.9)	270 (35.4)	6 (0.8)	762
Minami-aizu	8 (10.4)	37 (48.1)	32 (41.6)	0 (0.0)	77
Outside Fukushima	19 (20.0)	31 (32.6)	44 (46.3)	1 (1.1)	95
Total	1,052 (15.6)	3,111 (46.0)	2,514 (37.2)	81 (1.2)	6,758

2.5 The Quality of Medical Care

Do you think you received adequate care related to the pregnancy or delivery?

(FY2012)							n(%)
Area	Yes-very much so	Yes	Not sure	No	Not at all	Invalid response	Total
Kempoku	430 (24.3)	1,044 (58.9)	232 (13.1)	48 (2.7)	15 (0.8)	2 (0.1)	1,771
Kenchu	418 (21.0)	1,159 (58.2)	330 (16.6)	58 (2.9)	22 (1.1)	6 (0.3)	1,993
Kennan	91 (16.9)	329 (60.9)	100 (18.5)	14 (2.6)	2 (0.4)	4 (0.7)	540
Soso	89 (18.4)	276 (57.1)	93 (19.3)	18 (3.7)	5 (1.0)	2 (0.4)	483
Iwaki	294 (25.7)	664 (58.1)	145 (12.7)	30 (2.6)	7 (0.6)	3 (0.3)	1,143
Aizu	159 (20.5)	482 (62.3)	108 (14.0)	19 (2.5)	3 (0.4)	3 (0.4)	774
Minami-aizu	20 (26.0)	51 (66.2)	4 (5.2)	2 (2.6)	0 (0.0)	0 (0.0)	77
Outside Fukushima	43 (45.3)	44 (46.3)	6 (6.3)	2 (2.1)	0 (0.0)	0 (0.0)	95
Total	1,544 (22.5)	4,049 (58.9)	1,018 (14.8)	191 (2.8)	54 (0.8)	20 (0.3)	6,876

Did you continue attending the same facility that you originally intended to visit for obstetric exams/delivery?

(FY2012)				n(%)
Area	Yes	No	Invalid response	Total
Kempoku	1,523 (86.0)	237 (13.4)	11 (0.6)	1,771
Kenchu	1,686 (84.6)	296 (14.9)	11 (0.6)	1,993
Kennan	473 (87.6)	65 (12.0)	2 (0.4)	540
Soso	390 (80.7)	90 (18.6)	3 (0.6)	483
Iwaki	990 (86.6)	145 (12.7)	8 (0.7)	1,143
Aizu	666 (86.0)	106 (13.7)	2 (0.3)	774
Minami-aizu	70 (90.9)	7 (9.1)	0 (0.0)	77
Outside Fukushima	67 (70.5)	27 (28.4)	1 (1.1)	95
Total	5,865 (85.3)	973 (14.2)	38 (0.6)	6,876

Breakdown of 'No' (FY2012)

						n(%)
Area	A	B	C	D	Invalid response	Total
Kempoku	68 (28.7)	58 (24.5)	104 (43.9)	2 (0.8)	5 (2.1)	237
Kenchu	70 (23.6)	70 (23.6)	147 (49.7)	3 (1.0)	6 (2.0)	296
Kennan	24 (36.9)	21 (32.3)	20 (30.8)	0 (0.0)	0 (0.0)	65
Soso	35 (38.9)	24 (26.7)	23 (25.6)	7 (7.8)	1 (1.1)	90
Iwaki	34 (23.4)	31 (21.4)	79 (54.5)	0 (0.0)	1 (0.7)	145
Aizu	34 (32.1)	17 (16.0)	53 (50.0)	1 (0.9)	1 (0.9)	106
Minami-aizu	2 (28.6)	1 (14.3)	4 (57.1)	0 (0.0)	0 (0.0)	7
Outside Fukushima	4 (14.8)	22 (81.5)	1 (3.7)	0 (0.0)	0 (0.0)	27
Total	271 (27.9)	244 (25.1)	431 (44.3)	13 (1.3)	14 (1.4)	973

A: I changed to a different facility within Fukushima on my own accord.

B: I changed to a different facility outside Fukushima on my own accord.

C: I was instructed to transfer (or was transferred) to a different facility in Fukushima for medical reasons.

D: I was instructed to transfer (or was transferred) to a different facility outside Fukushima for medical reasons.

(FY2011)				n(%)
Area	Yes	No	Invalid response	Total
Kempoku	1,860(85.9)	288(13.3)	17(0.8)	2,165
Kenchu	2,050(76.0)	626(23.2)	23(0.9)	2,699
Kennan	497(82.8)	94(15.7)	9(1.5)	600
Soso	236(25.8)	665(72.8)	12(1.3)	913
Iwaki	1,036(72.9)	369(25.9)	17(1.2)	1,422
Aizu	798(88.0)	99(10.9)	10(1.1)	907
Minami-aizu	78(92.9)	6(7.1)	0(0.0)	84
Outside Fukushima	5(22.7)	17(77.3)	0(0.0)	22
Total	6,560(74.4)	2,164(24.6)	88(1.0)	8,812

Breakdown of 'No' (FY2011)							n(%)
Area	A	B	C	D	E	F	Total number of valid responses
Kempo ku	54(19.4)	163(58.4)	5(1.8)	9(3.2)	51(18.3)	2(0.7)	279
Kenchu	153(26.0)	292(49.7)	7(1.2)	15(2.6)	124(21.1)	7(1.2)	588
Kennan	24(27.6)	42(48.3)	3(3.4)	1(1.1)	17(19.5)	1(1.1)	87
Soso	283(43.4)	357(54.8)	4(0.6)	10(1.5)	29(4.4)	8(1.2)	652
Iwaki	67(18.8)	242(67.8)	4(1.1)	9(2.5)	34(9.5)	12(3.4)	357
Aizu	31(32.6)	24(25.3)	4(4.2)	1(1.1)	36(37.9)	2(2.1)	95
Minami-aizu	2(33.3)	1(16.7)	1(16.7)	0(0.0)	1(16.7)	1(16.7)	6
Outside Fukushima	0(0.0)	17(100.0)	0(0.0)	0(0.0)	0(0.0)	0(0.0)	17
Total	614(29.5)	1,138(54.7)	28(1.3)	45(2.2)	292(14.0)	33(1.6)	2,081

Multiple answers are allowed and the percentages do not total to 100%.

A: I changed to a different facility within Fukushima on my own accord.

B: I changed to a different facility outside Fukushima on my own accord.

C: I attended a different facility in Fukushima from before the disaster after returning to my parents/in-laws home to give birth.

D: I attended a different facility outside Fukushima from before the disaster after returning to my parents/in-laws home to give birth.

E: I was instructed to transfer (or was transferred) to a different facility in Fukushima for medical reasons.

F: I was instructed to transfer (or was transferred) to a different facility outside Fukushima for medical reasons.

Were you able to undergo obstetric exams as scheduled?

(FY2012)				n(%)
Area	Yes	No	Invalid response	Total
Kempoku	1,715 (96.8)	46 (2.6)	10 (0.6)	1,771
Kenchu	1,933 (97.0)	48 (2.4)	12 (0.6)	1,993
Kennan	529 (98.0)	8 (1.5)	3 (0.6)	540
Soso	469 (97.1)	12 (2.5)	2 (0.4)	483
Iwaki	1,115 (97.6)	21 (1.8)	7 (0.6)	1,143
Aizu	754 (97.4)	18 (2.3)	2 (0.3)	774
Minami-aizu	77 (100.0)	0 (0.0)	0 (0.0)	77
Outside Fukushima	92 (96.8)	2 (2.1)	1 (1.1)	95
Total	6,684 (97.2)	155 (2.3)	37 (0.5)	6,876

Breakdown of 'No' (FY2012)				n(%)
Area	Caused problems during pregnancy	Caused no problems during pregnancy	No response	Total
Kempoku	9 (19.6)	36 (78.3)	1 (2.2)	46
Kenchu	13 (27.1)	34 (70.8)	1 (2.1)	48
Kennan	3 (37.5)	5 (62.5)	0 (0.0)	8
Soso	5 (41.7)	5 (41.7)	2 (16.7)	12
Iwaki	7 (33.3)	14 (66.7)	0 (0.0)	21
Aizu	4 (22.2)	14 (77.8)	0 (0.0)	18
Minami-aizu	0 (0.0)	0 (0.0)	0 (0.0)	0
Outside Fukushima	0 (0.0)	2 (100.0)	0 (0.0)	2
Total	41 (26.5)	110 (71.0)	4 (2.6)	155

(FY2011)				n(%)
Area	Yes	No	Invalid response	Total
Kempoku	1,849(85.4)	307(14.2)	9(0.4)	2,165
Kenchu	2,221(82.3)	453(16.8)	25(0.9)	2,699
Kennan	504(84.0)	88(14.7)	8(1.3)	600
Soso	596(65.3)	306(33.5)	11(1.2)	913
Iwaki	965(67.9)	437(30.7)	20(1.4)	1,422
Aizu	843(92.9)	53(5.8)	11(1.2)	907
Minami-aizu	79(94.0)	5(6.0)	0(0.0)	84
Outside Fukushima	15(68.2)	7(31.8)	0(0.0)	22
Total	7,072(80.3)	1,656(18.8)	84(1.0)	8,812

Breakdown of 'No' (FY2011) n(%)

Area	Had to be hospitalized as a result	Caused no problems during pregnancy	Invalid response	Total
Kempoku	32(10.4)	269(87.6)	6(2.0)	307
Kenchu	46(10.2)	395(87.2)	12(2.6)	453
Kennan	7(8.0)	77(87.5)	4(4.5)	88
Soso	30(9.8)	270(88.2)	6(2.0)	306
Iwaki	37(8.5)	395(90.4)	5(1.1)	437
Aizu	19(35.8)	34 (64.2)	0(0.0)	53
Minami-aizu	0(0.0)	5(100.0)	0(0.0)	5
Outside Fukushima	0 (0.0)	7(100.0)	0(0.0)	7
Total	171(10.3)	1,452(87.7)	33(2.0)	1,656

2.6 Are you planning to have another baby in the future?

(FY2012) n(%)

Area	Yes	No	No response	Total
Kempoku	944 (53.3)	795 (44.9)	32 (1.8)	1,771
Kenchu	1,058 (53.1)	902 (45.3)	33 (1.7)	1,993
Kennan	273 (50.6)	260 (48.1)	7 (1.3)	540
Soso	243 (50.3)	230 (47.6)	10 (2.1)	483
Iwaki	587 (51.4)	532 (46.5)	24 (2.1)	1,143
Aizu	420 (54.3)	341 (44.1)	13 (1.7)	774
Minami-aizu	40 (51.9)	36 (46.8)	1 (1.3)	77
Outside Fukushima	61 (64.2)	33 (34.7)	1 (1.1)	95
Total	3,626 (52.7)	3,129 (45.5)	121 (1.8)	6,876

Services requested by those who wish to have a baby in the future

n(%)

Area	Maternity leave or parental leave	Adequate childcare	Information and services regarding child care and pediatric healthcare	Information on radiation	Other	Total number of valid responses
Kempoku	475 (51.7)	607 (66.1)	625 (68.0)	552 (60.1)	85 (9.2)	919
Kenchu	529 (50.7)	707 (67.7)	746 (71.5)	674 (64.6)	122 (11.7)	1,044
Kennan	139 (52.9)	170 (64.6)	179 (68.1)	161 (61.2)	30 (11.4)	263
Soso	98 (41.4)	131 (55.3)	183 (77.2)	146 (61.6)	20 (8.4)	237
Iwaki	291 (50.4)	368 (63.8)	428 (74.2)	375 (65.0)	59 (10.2)	577
Aizu	227 (56.0)	289 (71.4)	260 (64.2)	195 (48.1)	35 (8.6)	405
Minami-aizu	18 (46.2)	18 (46.2)	31 (79.5)	12 (30.8)	8 (20.5)	39
Outside	32 (54.2)	39 (66.1)	39 (66.1)	26 (44.1)	4 (6.8)	59
Total	1,809 (51.1)	2,329 (65.7)	2,491 (70.3)	2,141 (60.4)	363 (10.2)	3,543

Multiple answers are allowed and the percentages do not total to 100%.

Reasons for not planning to have another baby

n(%)

Area	Do not want one	Financial reasons	Do not have parenting help	Cannot find a day care	Busy raising the children	Life as evacuee
Kempoku	349 (44.0)	170 (21.4)	68 (8.6)	40 (5.0)	266 (33.5)	6 (0.8)
Kenchu	425 (47.5)	234 (26.2)	97 (10.9)	80 (8.9)	335 (37.5)	9 (1.0)
Kennan	139 (53.5)	54 (20.8)	21 (8.1)	14 (5.4)	72 (27.7)	1 (0.4)
Soso	102 (44.7)	57 (25.0)	24 (10.5)	14 (6.1)	98 (43.0)	56 (24.6)
Iwaki	241 (45.7)	135 (25.6)	40 (7.6)	35 (6.6)	180 (34.2)	3 (0.6)
Aizu	155 (46.0)	82 (24.3)	35 (10.4)	27 (8.0)	129 (38.3)	2 (0.6)
Minami-aizu	17 (47.2)	8 (22.2)	2 (5.6)	1 (2.8)	15 (41.7)	0 (0.0)
Outside Fukushima	18 (54.5)	6 (18.2)	3 (9.1)	5 (15.2)	11 (33.3)	1 (3.0)
Total	1,446 (46.5)	746 (24.0)	290 (9.3)	216 (6.9)	1,106 (35.6)	78 (2.5)

Area	Family living apart	Age or health	Anxiety about radiation	Other	Total number of valid responses
Kempoku	14 (1.8)	270 (34.0)	101 (12.7)	129 (16.2)	794
Kenchu	18 (2.0)	261 (29.2)	191 (21.4)	128 (14.3)	894
Kennan	3 (1.2)	81 (31.2)	34 (13.1)	38 (14.6)	260
Soso	21 (9.2)	58 (25.4)	37 (16.2)	20 (8.8)	228
Iwaki	8 (1.5)	165 (31.3)	75 (14.2)	70 (13.3)	527
Aizu	7 (2.1)	78 (23.1)	22 (6.5)	62 (18.4)	337
Minami-aizu	0 (0.0)	9 (25.0)	2 (5.6)	10 (27.8)	36
Outside Fukushima	2 (6.1)	3 (9.1)	1 (3.0)	6 (18.2)	33
Total	73 (2.3)	925 (29.8)	463 (14.9)	463 (14.9)	3,109

Multiple answers are allowed and the percentages do not total to 100%.

2.7 Telephone Counseling Conversations

(FY2012) n(%)

Area	Sign of depression	Identified as in need of support based on the free-answer question	Total
Kempoku	183 (68.3)	85 (31.7)	268
Kenchu	219 (67.4)	106 (32.6)	325
Kennan	44 (63.8)	25 (36.2)	69
Soso	70 (75.3)	23 (24.7)	93
Iwaki	108 (66.3)	55 (33.7)	163
Aizu	91 (73.4)	33 (26.6)	124
Minami-aizu	6 (66.7)	3 (33.3)	9
Outside Fukushima	5 (62.5)	3 (37.5)	8
Total	726 (68.6)	333 (31.4)	1,059

(FY2011) n(%)

Area	Sign of depression	Identified as in need of support based on the free-answer question	Total
Kempoku	314 (90.0)	35 (10.0)	349
Kenchu	361 (87.8)	50 (12.2)	411
Kennan	81 (82.7)	17 (17.3)	98
Soso	175 (84.5)	32 (15.5)	207
Iwaki	192 (87.7)	27 (12.3)	219
Aizu	95 (87.2)	14 (12.8)	109
Minami-aizu	1 (50.0)	1 (50.0)	2
Outside Fukushima	5 (83.3)	1 (16.7)	6
Total	1,224 (87.4)	177 (12.6)	1,401

Breakdown of problems mentioned

(FY2012) n(%)

Area	Anxiety about radiation	Mental and physical health issues of mothers	Child rearing	Mental and physical health issues of children	Life as an evacuee	Household problems	Other	Total
Kempoku	66 (24.6)	89 (33.2)	89 (33.2)	29 (10.8)	5 (1.9)	26 (9.7)	76 (28.4)	268
Kenchu	78 (24.0)	102 (31.4)	74 (22.8)	43 (13.2)	8 (2.5)	42 (12.9)	101 (31.1)	325
Kennan	19 (27.5)	25 (36.2)	20 (29.0)	10 (14.5)	1 (1.4)	10 (14.5)	21 (30.4)	69
Soso	15 (16.1)	27 (29.0)	21 (22.6)	13 (14.0)	6 (6.5)	6 (6.5)	34 (36.6)	93
Iwaki	45 (27.6)	60 (36.8)	46 (28.2)	28 (17.2)	0 (0.0)	14 (8.6)	50 (30.7)	163
Aizu	21 (16.9)	43 (34.7)	27 (21.8)	15 (12.1)	0 (0.0)	9 (7.3)	48 (38.7)	124
Minami-aizu	1 (11.1)	4 (44.4)	4 (44.4)	2 (22.2)	0 (0.0)	4 (44.4)	2 (22.2)	9
Outside Fukushima	3 (37.5)	1 (12.5)	2 (25.0)	0 (0.0)	0 (0.0)	1 (12.5)	4 (50.0)	8
Total	248 (23.4)	351 (33.1)	283 (26.7)	140 (13.2)	20 (1.9)	112 (10.6)	336 (31.7)	1,059

Multiple answers are allowed and the percentages do not total to 100%.

(FY2011)

n(%)

Area	Anxiety about radiation	Mental and physical health issues of mothers	Child rearing	Mental and physical health issues of children	Life as an evacuee	Household problems	Other	Total
Kempoku	113 (32.4)	70 (20.1)	67 (19.2)	30 (8.6)	32 (9.2)	15 (4.3)	120 (34.4)	349
Kenchu	129 (31.4)	79 (19.2)	49 (11.9)	41 (10.0)	39 (9.5)	20 (4.9)	144 (35.0)	411
Kennan	31 (31.6)	12 (12.2)	12 (12.2)	12 (12.2)	2 (2.0)	4 (4.1)	41 (41.8)	98
Soso	45 (21.7)	45 (21.7)	26 (12.6)	24 (11.6)	45 (21.7)	14 (6.8)	73 (35.3)	207
Iwaki	62 (28.3)	49 (22.4)	33 (15.1)	27 (12.3)	11 (5.0)	10 (4.6)	83 (37.9)	219
Aizu	28 (25.7)	25 (22.9)	9 (8.3)	12 (11.0)	1 (0.9)	6 (5.5)	45 (41.3)	109
Minami-aizu	0 (0.0)	1 (50.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (50.0)	2
Outside Fukushima	1 (16.7)	2 (33.3)	0 (0.0)	1 (16.7)	0 (0.0)	0 (0.0)	2 (33.3)	6
Total	409 (29.2)	283 (20.2)	196 (14.0)	147 (10.5)	130 (9.3)	69 (4.9)	509 (36.3)	1,401

Multiple answers are allowed and the percentages do not total to 100%.

2.8 Free-answer question

(FY2012)

Of 6,913 respondents, 1,430 (20.7%) responded to the question.

Answers were classified into categories shown below.

n(%)

Effects of radiation on fetus and child	373 (26.1)
Requests for information on radiation and research results	183 (12.8)
Complaints about Fukushima Health Management Survey	147 (10.3)
Effects of radiation on food/ baby food	137 (9.6)
Anxiety about radiation exposure of children when outside	111 (7.8)
Effects of radiation on water	110 (7.7)
Physical problem	78 (5.5)
Anxiety and dissatisfaction about evacuation and fragmented family	63 (4.4)
Anxiety and dissatisfaction about reliability or lack of information	58 (4.1)
Request for medical check-up and examination	56 (3.9)
Request for Fukushima Health Management Survey	54 (3.8)

(FY2013)

Of 9,316 respondents, 3,722 (40.0%) responded to the question.

Answers were classified into categories shown below.

n(%)

Effects of radiation on fetus and child	1,102 (29.6)
Requests for information on radiation and research results	725 (19.5)
Effects of radiation on food/ baby food	668 (17.9)
Anxiety and dissatisfaction about reliability or lack of information	542 (14.6)
Anxiety and dissatisfaction about evacuation and family living apart	506 (13.6)
Effects of radiation on food/ baby food	476 (12.8)
Effects of radiation on water	441 (11.8)
Request for radiation testing of breast milk	425 (11.4)
Regarding medical check-up and examination	416 (11.2)
Anxiety about radiation exposure of children when outside	382 (10.3)
Request for financial support	363 (9.8)

Effects of radiation on breast milk/ infant formula	52 (3.6)	Complaints about Fukushima Health Management Survey	359 (9.6)
Regarding medical check-up and examination	52 (3.6)	Anxiety and dissatisfaction about inadequate medical services	348 (9.3)
Parenting	51 (3.6)	Request to measure internal radiation exposure (by whole body counter, etc.)	305 (8.2)
Request for decontamination and provision of safe playgrounds	47 (3.3)	Request for support for supplies and gas	275 (7.4)
Request for thyroid examination	45 (3.1)	Anxiety and dissatisfaction about shortage of supplies	244 (6.6)
Request to measure internal radiation exposure (by whole body counter, etc.)	43 (3.0)	Request for decontamination and provision of safe playgrounds	238 (6.4)
Request for adequate child support services	42 (2.9)	Regarding financial anxiety and burden	237 (6.4)
Anxiety and dissatisfaction about inadequate medical services	42 (2.9)	Request for medical check-up and examination	227 (6.1)
Regarding adequate medical service and physical care	36 (2.5)	Request for Fukushima Health Management Survey	215 (5.8)
Anxiety about effects of radiation on outcome of current pregnancy	36 (2.5)	Complaints of mental issues	211 (5.7)
Positive comments about this survey	30 (2.1)	Other	201 (5.4)
Complaints of mental issues	27 (1.9)	Request for adequate medical service and physical care	173 (4.6)
Request for financial support	23 (1.6)	Anxiety about effects of radiation on outcome of current pregnancy	159 (4.3)
Anxiety about effects of radiation on the next pregnancy	23 (1.6)	Regarding external radiation exposure (provision of glass badges and dosimeter)	125 (3.4)
Regarding financial anxiety and burden	23 (1.6)	Anxiety about effects of radiation on the next pregnancy	112 (3.0)
Request for radiation testing of breast milk	18 (1.3)	Request for thyroid examination	109 (2.9)
Request for an adequate mental health care services	16 (1.1)	Request for an adequate mental health care services	78 (2.1)
Regarding external radiation exposure (provision of glass badges and dosimeter)	7 (0.5)	Positive comments about this survey	78 (2.1)
Request for evacuation support	4 (0.3)	Request for evacuation support	74 (2.0)
Request for support for supplies and gas	3 (0.2)	Request for adequate child support services	39 (1.0)
Request for urine test	3 (0.2)	Request for urine test	16 (0.4)
Anxiety and dissatisfaction about shortage of supplies	0 (0.0)		
Other	213 (14.9)		

FY2011 is from 1 April 2011 through 31 March 2012.

FY2013 is from 1 April 2013 through 31 March 2014.