

Basic Survey (Radiation Dose Estimates)

Reported on 30 November 2015

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), for the entire population of Fukushima Prefecture, was 27.3% (561,966 of 2,055,328) as of 30 September 2015. Response rate for the simplified questionnaire was 3.4% (69,100 of 2,055,328). (See Table 1.)

Thanks to instructions for filling out the survey form at thyroid ultrasound examination venues and venues for check-ups and health exams organized by municipalities, we continue to receive responses from participants.

Table 1 Response rates to the Basic Survey			
As of 30 September 2015			
Survey population		2,055,328	
Responses	Original questionnaire	492,866	24.0%
	Simplified questionnaire*	69,100	3.4%
	Total	561,966	27.3%
*Preliminary figures Fractions have been rounded.			

* Tables 2 and 3 show the results of the original and simplified questionnaires combined.

1.2 Radiation Dose Estimates

Doses have been estimated for 544,714 of 561,966 respondents (96.9 %) as of 30 September 2015, and results have been returned to 542,463 respondents. (See Table 2.)

Table 2 Response rates to the Basic Survey							
As of 30 September 2015							
Area (preceding and full-scale surveys)	Survey population a	Responses b	Response rate c=b/a	Completed dose estimates d	Proportion e=d/b	Returned results f	Proportion g=f/b
Kempoku	504,042	151,182	30.0%	148,028	97.9%	147,645	97.7%
Kenchu	557,238	135,488	24.3%	131,494	97.1%	130,590	96.4%
Kennan	152,225	34,528	22.7%	33,177	96.1%	33,005	95.6%
Aizu	267,203	56,731	21.2%	54,066	95.3%	53,780	94.8%
Minami-aizu	30,789	6,321	20.5%	5,951	94.1%	5,893	93.2%
Soso	195,605	89,887	46.0%	86,768	96.5%	86,430	96.2%
Iwaki	348,226	87,829	25.2%	85,230	97.0%	85,120	96.9%
Total	2,055,328	561,966	27.3%	544,714	96.9%	542,463	96.5%
Including Yamakiya of Kawamata, Namie and Iitate.							

We have been estimating doses for non-residents who were visiting or staying in Fukushima Prefecture at the time of the accident. (See Table 3.)

Table 3 Response rates to the Basic Survey						
(Visitors) As of 30 September 2015						
Number of requests	Responses	Response rate	Completed dose estimates	Proportion	Returned results	Proportion
a	b	c=b/a	d	e=d/b	f	g=f/b
3,936	2,185	55.5%	1,941	88.8%	1,935	88.6%

* Table 2, 3, and Appendix 1 include the data in the estimation period less than four months.

2. Results of Radiation Dose Estimates

Table 4 shows a breakdown of completed dose estimates (from Table 2), excluding cases of data covering less than four months¹.

Radiation doses for a total of 466,102 residents have been estimated to date. The results for 457,031 respondents (excluding radiation workers) suggest that the doses for about 87% of the respondents in Kempoku area and about 92% in Kenchu area were <2 mSv. The doses for approximately 88% of the respondents in Kennan area and more than 99% of those in Aizu and Minami-aizu areas were <1 mSv. Doses for about 77 % of respondents in the Soso area and more than 99% of respondents in Iwaki were also <1 mSv.

1) There was a change in tallying procedures. Previously, when we returned the results to participants, estimated dose had been rounded (values less than 10 mSv were rounded to the nearest tenth, and radiation doses of 10 mSv or more were rounded to the nearest one) and then tallied. However, the values before rounding were used in some of the preceding surveys. This time, we standardized the method by using the values after rounding. There was no change in the results sent to the participants.

Table 4 Estimated external radiation doses (preceding and full-scale surveys) As of 30 September 2015																		
Effective Dose (mSv)	Total	Excluding radiation workers					By area (excluding radiation workers)											
							Kempoku *		Kenchu		Kennan		Aizu		Minami-aizu		Soso **	
<1	288,927	283,286	62.0%	93.8%			24,824	20.1%	56,998	51.3%	24,988	88.1%	44,231	99.3%	4,828	99.3%	55,312	77.3%
1-2	147,773	145,455	31.8%				82,919	67.0%	45,645	41.1%	3,346	11.8%	298	0.7%	34	0.7%	12,586	17.6%
2-3	25,705	25,334	5.5%	5.9%	99.8%		15,460	12.5%	8,116	7.3%	17	0.1%	25	0.1%	0	-	1,686	2.4%
3-4	1,571	1,491	0.3%				468	0.4%	423	0.4%	0	-	1	0.0%	0	-	595	0.8%
4-5	547	502	0.1%	0.2%			40	0.0%	5	0.0%	0	-	0	-	0	-	456	0.6%
5-6	441	389	0.1%				19	0.0%	3	0.0%	0	-	0	-	0	-	366	0.5%
6-7	268	230	0.1%	0.1%	0.2%		10	0.0%	1	0.0%	0	-	1	0.0%	0	-	218	0.3%
7-8	152	114	0.0%				1	0.0%	0	-	0	-	0	-	0	-	113	0.2%
8-9	118	78	0.0%	0.0%			1	0.0%	0	-	0	-	0	-	0	-	77	0.1%
9-10	72	41	0.0%				0	-	0	-	0	-	0	-	0	-	41	0.1%
10-11	69	36	0.0%	0.0%			0	-	0	-	0	-	0	-	0	-	36	0.1%
11-12	52	30	0.0%				1	0.0%	0	-	0	-	0	-	0	-	29	0.0%
12-13	37	13	0.0%	0.0%			0	-	0	-	0	-	0	-	0	-	13	0.0%
13-14	34	12	0.0%				0	-	0	-	0	-	0	-	0	-	12	0.0%
14-15	27	6	0.0%	0.0%			0	-	0	-	0	-	0	-	0	-	6	0.0%
≥15	309	14	0.0%	0.0%			0	-	0	-	0	-	0	-	0	-	14	0.0%
Total	466,102	457,031	100.0%	100.0%	100.0%		123,743	100%	111,191	100%	28,351	100%	44,556	100%	4,862	100%	71,560	100%
Max	66 mSv	25 mSv					11 mSv		6.3 mSv		2.6 mSv		6.0 mSv		1.9 mSv		25 mSv	
Mean value	0.9 mSv	0.8 mSv					1.4 mSv		1.0 mSv		0.6 mSv		0.2 mSv		0.1 mSv		0.8 mSv	
Median	0.6 mSv	0.6 mSv					1.4 mSv		0.9 mSv		0.5 mSv		0.2 mSv		0.1 mSv		0.5 mSv	

* Including Yamakiya of Kawamata.

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

** Including Namie and Iitate.

Excluding those with estimation period less than four months.

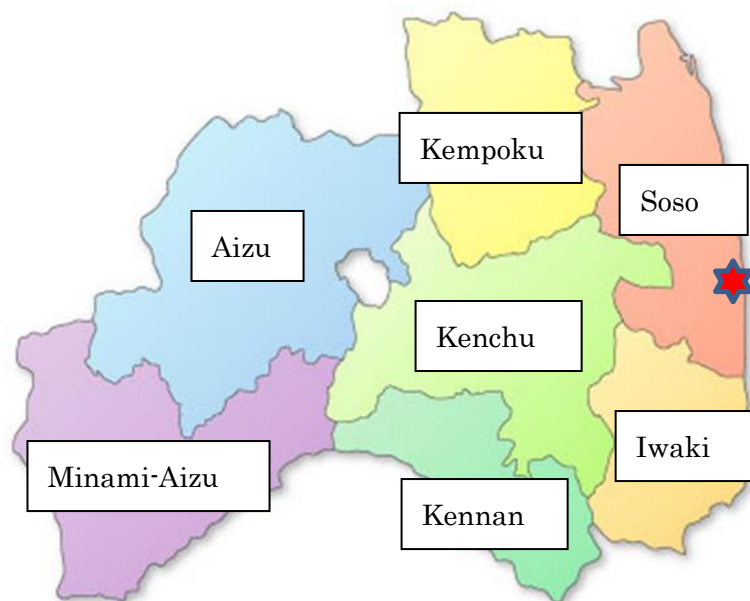
3. Evaluation of the results

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

Since previous epidemiological studies¹ 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 external radiation 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.



4. Survey on the representativeness of dose distribution shown in the Basic Survey

(Interim Report)

In order to investigate whether people who have responded to the Basic Survey represent the whole population in regard to external dose estimates and dose distribution, we have been conducting a survey. This report presents progress and results gathered so far.

4.1 Progress Report

Listed below are the projects that we have been working on. Some of them were completed as of 30 September 2015 (4.1-1 and 4.1-3).

4.1-1

In order to find out if what has already been reported is an accurate and unbiased assessment of dose distribution for the whole population of Fukushima Prefecture, we visit randomly selected nonrespondents and encourage their cooperation.

4.1-2

We compare by region the dose distribution of the respondents from the door-to-door survey and those who responded previously by mail. In the Soso area, where the residents experienced a wide range of exposure levels, more samples are selected.

4.1-3

By visiting the nonrespondents, we ask them why they did not answer the questionnaire.

4.2 Results

4.2-1 Results of the door-to-door survey

There were 2,645 people to be interviewed in this survey, and 990 of them responded (four of them responded spontaneously). The number of respondents by region was: Kempoku (177), Kenchu (227), Kennan (71), Aizu (34), Minami-aizu (49), Soso (407) and Iwaki (25).

We found that the number of responses was enough to compare the dose distribution. We are estimating the doses for all respondents to make comparisons.

A more detailed breakdown of the response (e.g. responded, denied, or could not be visited) can be found in a chart shown on the next page.

4.2-2 Reasons for not having answered the questionnaire

We used multiple choice questions and asked the participants why they did not answer the questionnaire previously.

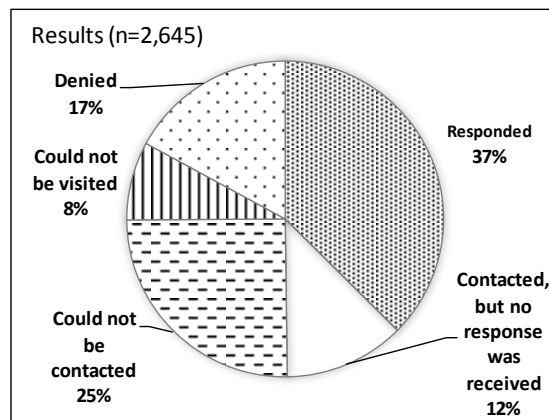
The most common reasons gathered were “I put off responding because it seemed time consuming,” followed by “I could not remember enough to fill out the questionnaire,” and then “I felt I needed someone to help filling out the survey form.”

4.2-3 Details of the results

a. Results of the door-to-door survey

The table below describes the results of 2,645 participants.

Results	Number	(%)
Responded	990	37
Contacted, but no response was received	327	12
Could not be contacted	664	25
Could not be visited	212	8
Denied	452	17
Total	2,645	100



Description of the results

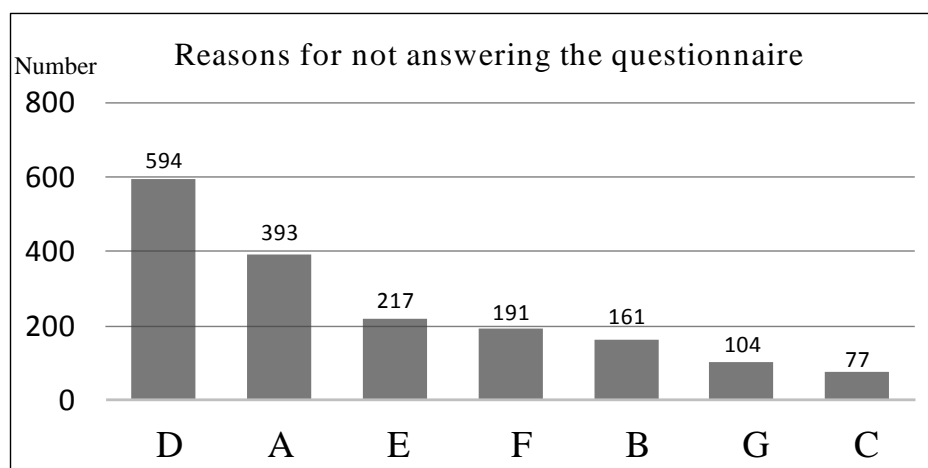
- Contacted, but no response was received:
We handed out questionnaires and asked the participants or their family to cooperate, but did not get their responses.
- Could not be contacted:
We visited the participants twice and left a notice but could not contact them.
- Could not be visited:
We visited the participants to find out that they had moved to a different place.

b. Reasons for not answering the questionnaire

Respondents were allowed to select multiple answers from the list of choices below when asked why they did not answer the questionnaire previously.

A total of 1,094 responses were gathered and tallied.

Choice	Number
A. I could not remember enough to fill out the questionnaire.	393
B. I did not understand the purpose of the survey.	161
C. I did not want to remember the disaster.	77
D. I put off responding because it seemed time consuming.	594
E. I felt I needed someone to help filling out the survey form.	217
F. Judging by the previous results, it seemed unnecessary to know a radiation dose.	191
G. Other	104



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

As of 30 September 2015

Area	District	Survey population a	Responses b	Response rate c=b/a	Completed dose estimates d	Proportion e=d/b	Returned results f	Proportion g=f/b
Kempoku	Fukushima	295,645	93,516	31.6%	91,882	98.3%	91,749	98.1%
	Nihonmatsu	60,857	16,550	27.2%	16,157	97.6%	16,128	97.5%
	Date	67,577	18,226	27.0%	17,749	97.4%	17,702	97.1%
	Motomiya	31,762	8,932	28.1%	8,703	97.4%	8,569	95.9%
	Kori	13,207	3,879	29.4%	3,769	97.2%	3,769	97.2%
	Kunimi	10,316	3,023	29.3%	2,935	97.1%	2,934	97.1%
	Kawamata	15,885	5,145	32.4%	4,966	96.5%	4,927	95.8%
	Otama	8,793	1,911	21.7%	1,867	97.7%	1,867	97.7%
	Subtotal	504,042	151,182	30.0%	148,028	97.9%	147,645	97.7%
Kenchu	Koriyama	339,720	86,361	25.4%	84,413	97.7%	83,700	96.9%
	Sukagawa	80,163	17,072	21.3%	16,291	95.4%	16,249	95.2%
	Tamura	41,723	10,485	25.1%	9,803	93.5%	9,712	92.6%
	Kagamiishi	13,109	2,881	22.0%	2,793	96.9%	2,791	96.9%
	Tenei	6,470	1,225	18.9%	1,180	96.3%	1,175	95.9%
	Ishikawa	17,487	4,167	23.8%	4,065	97.6%	4,064	97.5%
	Tamakawa	7,337	1,474	20.1%	1,425	96.7%	1,420	96.3%
	Hirata	7,053	1,646	23.3%	1,588	96.5%	1,577	95.8%
	Asakawa	7,163	1,479	20.6%	1,443	97.6%	1,443	97.6%
	Furudono	6,319	1,296	20.5%	1,261	97.3%	1,261	97.3%
	Miharu	18,993	4,855	25.6%	4,748	97.8%	4,718	97.2%
	Ono	11,701	2,547	21.8%	2,484	97.5%	2,480	97.4%
	Subtotal	557,238	135,488	24.3%	131,494	97.1%	130,590	96.4%
Kennan	Shirakawa	65,428	15,767	24.1%	14,918	94.6%	14,780	93.7%
	Nishigo	20,088	4,945	24.6%	4,821	97.5%	4,813	97.3%
	Izumizaki	6,931	1,370	19.8%	1,329	97.0%	1,317	96.1%
	Nakajima	5,306	965	18.2%	939	97.3%	939	97.3%
	Yabuki	18,341	4,024	21.9%	3,920	97.4%	3,919	97.4%
	Tanagura	15,384	2,961	19.2%	2,884	97.4%	2,873	97.0%
	Yamatsuri	6,489	1,436	22.1%	1,386	96.5%	1,386	96.5%
	Hanawa	10,062	2,261	22.5%	2,209	97.7%	2,209	97.7%
	Samegawa	4,196	799	19.0%	771	96.5%	769	96.2%
	Subtotal	152,225	34,528	22.7%	33,177	96.1%	33,005	95.6%
Aizu	Aizuwakamatsu	127,815	29,175	22.8%	28,169	96.6%	28,007	96.0%
	Kitakata	53,202	10,536	19.8%	9,766	92.7%	9,724	92.3%
	Kitashiobara	3,276	597	18.2%	572	95.8%	572	95.8%
	Nishiaizu	7,725	1,437	18.6%	1,335	92.9%	1,332	92.7%
	Bandai	3,888	791	20.3%	738	93.3%	733	92.7%
	Inawashiro	16,271	3,639	22.4%	3,471	95.4%	3,465	95.2%
	Aizubange	17,881	3,235	18.1%	3,090	95.5%	3,064	94.7%
	Yugawa	3,513	708	20.2%	673	95.1%	672	94.9%
	Yanaizu	4,077	716	17.6%	681	95.1%	679	94.8%
	Mishima	2,031	373	18.4%	338	90.6%	338	90.6%
	Kaneyama	2,544	629	24.7%	568	90.3%	563	89.5%
	Showa	1,569	344	21.9%	317	92.2%	317	92.2%
	Aizumisato	23,411	4,551	19.4%	4,348	95.5%	4,314	94.8%
	Subtotal	267,203	56,731	21.2%	54,066	95.3%	53,780	94.8%
Minami-aizu	Shimogo	6,650	1,242	18.7%	1,162	93.6%	1,162	93.6%
	Hinoemata	614	142	23.1%	133	93.7%	133	93.7%
	Tadami	5,030	1,139	22.6%	1,063	93.3%	1,032	90.6%
	Minami-aizu	18,495	3,798	20.5%	3,593	94.6%	3,566	93.9%
	Subtotal	30,789	6,321	20.5%	5,951	94.1%	5,893	93.2%
Soso	Soma	37,371	13,251	35.5%	12,580	94.9%	12,511	94.4%
	Minami-soma	70,013	30,147	43.1%	29,246	97.0%	29,119	96.6%
	Hirono	5,165	2,215	42.9%	2,128	96.1%	2,119	95.7%
	Naraha	7,963	4,177	52.5%	3,995	95.6%	3,979	95.3%
	Tomioka	15,751	8,614	54.7%	8,385	97.3%	8,363	97.1%
	Kawauchi	2,996	1,538	51.3%	1,483	96.4%	1,476	96.0%
	Okuma	11,474	6,069	52.9%	5,820	95.9%	5,801	95.6%
	Futaba	7,051	3,944	55.9%	3,827	97.0%	3,819	96.8%
	Namie	21,335	12,962	60.8%	12,644	97.5%	12,612	97.3%
	Katsurao	1,541	823	53.4%	759	92.2%	756	91.9%
	Shinchi	8,357	2,704	32.4%	2,573	95.2%	2,568	95.0%
	Iitate	6,588	3,443	52.3%	3,328	96.7%	3,307	96.0%
	Subtotal	195,605	89,887	46.0%	86,768	96.5%	86,430	96.2%
Iwaki	Iwaki	348,226	87,829	25.2%	85,230	97.0%	85,120	96.9%
Total		2,055,328	561,966	27.3%	544,714	96.9%	542,463	96.5%

Estimated external radiation doses in the first four months (from 11 March through 11 July)

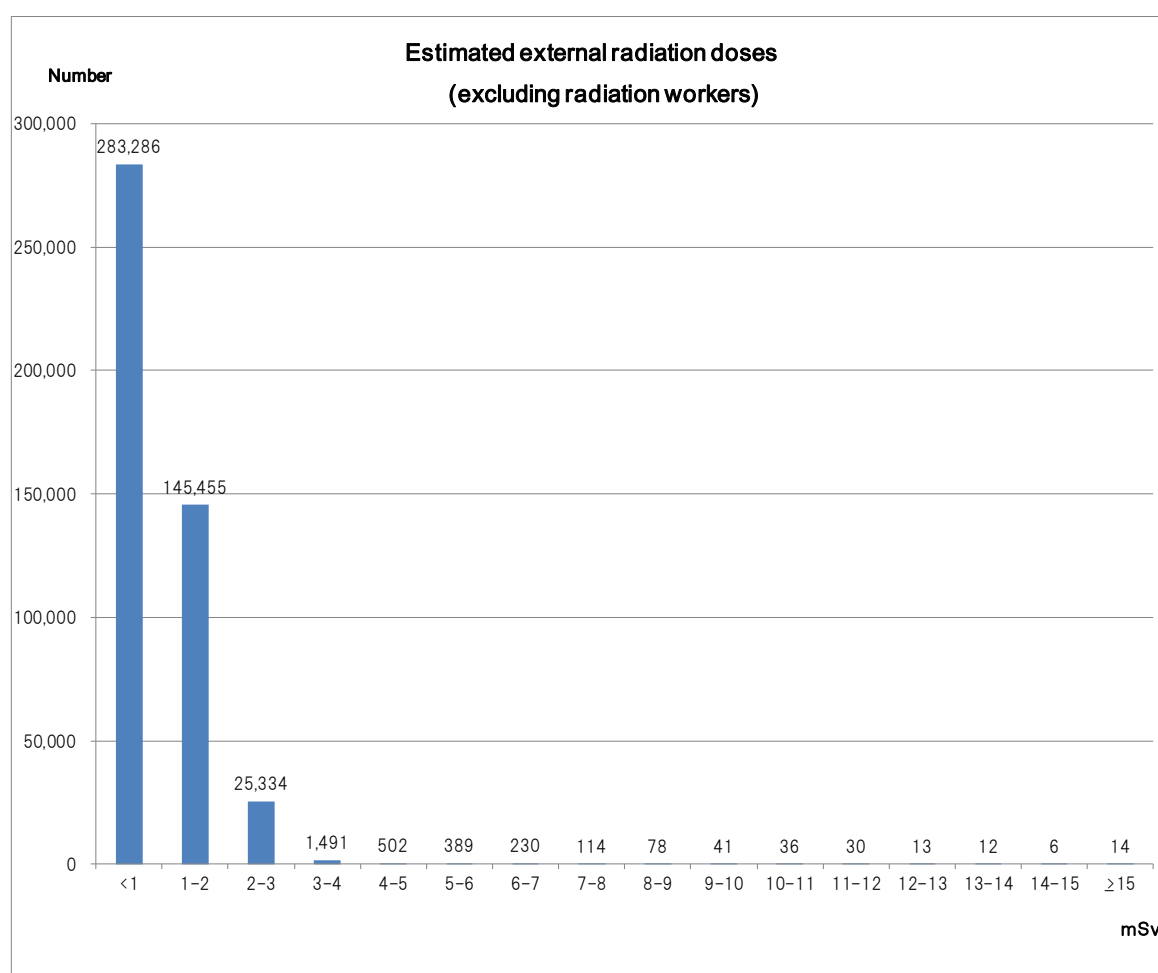
Preceding survey and full-scale survey

As of 30 September 2015

Estimated external radiation doses by region

Effective Dose (mSv)	Total	Excluding radiation workers	By region							Proportion (%) excluding radiation workers			
			Kempoku	Kenchu	Kennan	Aizu	Minami-aizu	Soso	Iwaki				
<1	288,927	283,286	24,824	56,998	24,988	44,231	4,828	55,312	72,105	62.0	93.8	99.8	
1-2	147,773	145,455	82,919	45,645	3,346	298	34	12,586	627	31.8			
2-3	25,705	25,334	15,460	8,116	17	25	0	1,686	30	5.5	5.9		0.2
3-4	1,571	1,491	468	423	0	1	0	595	4	0.3			
4-5	547	502	40	5	0	0	0	456	1	0.1	0.2		
5-6	441	389	19	3	0	0	0	366	1	0.1			
6-7	268	230	10	1	0	1	0	218	0	0.1	0.1		
7-8	152	114	1	0	0	0	0	113	0	0.0			
8-9	118	78	1	0	0	0	0	77	0	0.0	0.0	0.0	
9-10	72	41	0	0	0	0	0	41	0	0.0			
10-11	69	36	0	0	0	0	0	36	0	0.0	0.0		
11-12	52	30	1	0	0	0	0	29	0	0.0			
12-13	37	13	0	0	0	0	0	13	0	0.0	0.0		
13-14	34	12	0	0	0	0	0	12	0	0.0			
14-15	27	6	0	0	0	0	0	6	0	0.0	0.0	0.0	
≥15	309	14	0	0	0	0	0	14	0	0.0	0.0		
Total	466,102	457,031	123,743	111,191	28,351	44,556	4,862	71,560	72,768	100.0	100.0	100.0	
Max	66	25	11	6.3	2.6	6.0	1.9	25	5.9				
Mean value	0.9	0.8	1.4	1.0	0.6	0.2	0.1	0.8	0.3				
Median	0.6	0.6	1.4	0.9	0.5	0.2	0.1	0.5	0.3				

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



As of 30 September 2015

Estimated external radiation dose by age group (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	47,355	43,612	20,848	33,471	28,097	32,250	35,376	25,236	17,041	283,286
1-2	22,815	21,466	9,994	18,098	16,486	18,363	19,172	12,149	6,912	145,455
2-3	6,385	4,218	1,123	2,320	2,207	2,930	3,349	1,964	838	25,334
3-4	249	157	82	158	153	229	231	163	69	1,491
4-5	19	47	35	39	75	95	79	75	38	502
5-6	14	13	29	34	46	86	73	66	28	389
6-7	3	6	10	22	24	45	52	47	21	230
7-8	4	4	8	8	13	35	21	14	7	114
8-9	2	6	2	7	8	16	16	12	9	78
9-10	0	1	2	3	3	12	11	5	4	41
10-11	1	1	1	2	6	11	5	6	3	36
11-12	0	0	1	3	0	5	8	11	2	30
12-13	0	0	0	0	1	6	4	1	1	13
13-14	0	0	1	1	1	4	3	2	0	12
14-15	0	0	0	0	0	3	3	0	0	6
≥15	0	0	0	0	3	3	5	1	2	14
Total	76,847	69,531	32,136	54,166	47,123	54,093	58,408	39,752	24,975	457,031

Estimated external radiation doses by sex (excluding radiation workers)

Effective Dose (mSv)	By sex				Total	Proportion (%)
	Male	Proportion (%)	Female	Proportion (%)		
<1	126,705	60.4	156,581	63.3	283,286	62.0
1-2	67,458	32.2	77,997	31.5	145,455	31.8
2-3	13,765	6.6	11,569	4.7	25,334	5.5
3-4	950	0.5	541	0.2	1,491	0.3
4-5	281	0.1	221	0.1	502	0.1
5-6	199	0.1	190	0.1	389	0.1
6-7	130	0.1	100	0.0	230	0.1
7-8	62	0.0	52	0.0	114	0.0
8-9	49	0.0	29	0.0	78	0.0
9-10	24	0.0	17	0.0	41	0.0
10-11	22	0.0	14	0.0	36	0.0
11-12	16	0.0	14	0.0	30	0.0
12-13	6	0.0	7	0.0	13	0.0
13-14	8	0.0	4	0.0	12	0.0
14-15	3	0.0	3	0.0	6	0.0
≥15	11	0.0	3	0.0	14	0.0
Total	209,689	100.0	247,342	100.0	457,031	100.0

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

As of 30 September 2015

Estimated external radiation doses by region in the first four months (from 11 March through 11 July) 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	16,113	52,262	9,288	151	13	10	4	0	0	0	0	0	0	0	0	0	77,841
	Niionmatsu	1,310	8,374	3,444	88	1	0	0	0	0	0	0	0	0	0	0	0	13,217
	Date	4,371	9,029	1,130	147	8	2	3	1	1	0	0	0	0	0	0	0	14,692
	Motomiya	734	5,301	1,202	22	1	0	0	0	0	0	0	0	0	0	0	0	7,260
	Kori	315	2,747	66	2	0	1	0	0	0	0	0	0	0	0	0	0	3,131
	Kunimi	963	1,435	12	0	0	0	0	0	0	0	0	0	0	0	0	0	2,410
	Kawamata	628	2,718	185	56	17	6	3	0	0	0	0	1	0	0	0	0	3,614
	Otama	390	1,053	133	2	0	0	0	0	0	0	0	0	0	0	0	0	1,578
Kempoku Subtotal		24,824	82,919	15,460	468	40	19	10	1	1	0	0	1	0	0	0	0	123,743
Kenchu	Koriyama	23,719	40,220	7,681	413	5	3	1	0	0	0	0	0	0	0	0	0	72,042
	Sukagawa	10,421	3,107	326	4	0	0	0	0	0	0	0	0	0	0	0	0	13,858
	Tamura	7,306	670	23	3	0	0	0	0	0	0	0	0	0	0	0	0	8,002
	Kagamiishi	2,307	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,380
	Tenei	384	568	55	1	0	0	0	0	0	0	0	0	0	0	0	0	1,008
	Ishikawa	3,131	38	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3,170
	Tamakawa	1,150	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1,170
	Hirata	1,281	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,315
	Asakawa	1,182	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,197
	Furudono	1,046	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1,062
	Miharu	3,106	806	23	2	0	0	0	0	0	0	0	0	0	0	0	0	3,937
	Ono	1,965	83	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2,050
Kenchu Subtotal		56,998	45,645	8,116	423	5	3	1	0	0	0	0	0	0	0	0	0	111,191
Kennan	Shirakawa	11,632	1,212	9	0	0	0	0	0	0	0	0	0	0	0	0	0	12,853
	Nishigo	2,202	1,955	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4,159
	Izumizaki	1,091	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1,113
	Nakajima	787	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	799
	Yabuki	3,286	78	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3,365
	Tanagura	2,448	28	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2,479
	Yamatsuri	1,110	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,119
	Hanawa	1,802	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,824
	Samegawa	630	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	640
Kennan Subtotal		24,988	3,346	17	0	0	0	0	0	0	0	0	0	0	0	0	0	28,351
Aizu	Aizuwakamatsu	23,197	155	13	0	0	0	1	0	0	0	0	0	0	0	0	0	23,366
	Kitakata	8,044	54	3	1	0	0	0	0	0	0	0	0	0	0	0	0	8,102
	Kitashiobara	463	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	467
	Nishiaizu	997	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	999
	Bandai	623	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	633
	Inawashiro	2,801	29	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2,833
	Aizubange	2,587	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,602
	Yugawa	573	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	577
	Yanaizu	538	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	542
	Mishima	245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	245
	Kaneyama	400	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	403
	Showa	235	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	236
	Aizumisato	3,528	20	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3,551
Aizu Subtotal		44,231	298	25	1	0	0	1	0	0	0	0	0	0	0	0	0	44,556
Minami-aizu	Shimogo	933	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	938
	Hinoemata	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
	Tadami	858	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	862
	Minami-aizu	2,934	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,959
Minami-aizu Subtotal		4,828	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,862
Soso	Soma	9,828	447	87	20	5	0	0	0	0	2	0	0	0	0	0	0	10,389
	Minami-soma	18,960	6,163	511	99	35	3	7	4	1	0	0	1	0	0	0	0	25,784
	Hirono	1,828	56	2	0	0	0	1	0	1	0	0	0	0	0	0	0	1,888
	Naraha	3,371	129	13	2	0	1	1	0	0	0	0	0	0	0	0	0	3,517
	Tomiooka	5,808	1,099	98	18	3	2	0	3	2	0	0	1	0	0	0	0	7,034
	Kawauchi	961	349	16	1	0	1	1	1	0	0	0	0	0	0	0	0	1,330
	Okuma	3,348	1,272	112	17	6	4	4	3	0	2	2	1	0	4	0	1	4,776
	Futaba	2,660	464	77	18	6	4	3	6	2	1	0	2	0	0	0	2	3,245
	Namie	5,723	2,110	383	68	39	17	12	13	9	6	11	7	5	4	3	7	8,417
	Katsurao	497	161	24	4	0	1	0	0	0	0	0	0	0	0	0	0	687
	Shinchi	2,142	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,162
	litate	186	316	363	348	362	333	189	83	62	30	23	17	8	4	3	4	2,331
Soso Subtotal		55,312	12,586	1,686	595	456	366	218	113	77	41	36	29	13	12	6	14	71,560
Iwaki	Iwaki	72,105	627	30	4	1	1	0	0	0	0	0	0	0	0	0	0	72,768
Total		283,286	145,455	25,334	1,491	502	389	230	114	78	41	36	30	13	12	6	14	457,031
Proportion (%)		62.0	31.8	5.5	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	99.9
		93.8		5.9		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		1,385	270	18	2	0	0	0	0	0	0	0	0	0	0	0	0	1,675
Total+Visitors		284,671	145,725	25,352	1,493	502	389	230	114	78	41	36	30	13	12	6	14	458,706

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

Thyroid Ultrasound Examination (Full-scale Thyroid Screening Program)

Reported on 30 November 2015

1. Summary

1.1 Purpose

In order to monitor the long-term health of children, we are now engaged in a Full-scale Thyroid Screening Program to assess the condition of their thyroid glands following Preliminary Baseline Screening (Initial Screening).

1.2 Group

Residents of Fukushima Prefecture including visitors who were born between 2 April 1992 and 1 April 2011 (Preliminary Baseline Screening), and those who were born between 2 April 2011 and 1 April 2012.

1.3 Implementation Period

Full-scale Screening started 2 April 2014 and will proceed for two years.

Thereafter we will repeat the examination every two years until the age of 20, and every five years afterwards. We will endeavor to make sure they do not let more than 5 years pass between the exams through age 25.

1.4 Responsible Organizations

Fukushima Prefecture commissioned Fukushima Medical University to conduct the survey in cooperation with institutions inside and outside Fukushima.

As of 30 September 2015, we provide the primary examination at 30 medical institutions under contract, and try to have more institutions inside Fukushima Prefecture.

Ninety-nine institutions outside Fukushima Prefecture have agreed to cooperate as of 30 September 2015.

The confirmatory examination has been conducted in Koriyama and Iwaki in Fukushima Prefecture from July 2013, Aizuwakamatsu from August 2014, and several institutions outside Fukushima Prefecture from November 2013. There are 28 institutions that provide the examination as of 30 September 2015.

1.5 Method

1.5-1 Primary Examination

We use ultrasonography for examination of the thyroid gland.

Assessments are made by specialists on the basis of the following criteria.

-Diagnostic Criteria: A

Those with A1 and A2 test results are recommended for watchful waiting until they undergo the next screening starting from April 2016.

(A1) No nodules / cysts

(A2) Nodules ≤ 5.0 mm or cysts ≤ 20.0 mm

-Diagnostic Criteria: B

Those with B test results are advised to take the confirmatory examination.

(B) Nodules ≥ 5.1 mm or cysts ≥ 20.1 mm

Some A2 test results may be re-classified as B results when clinically indicated.

-Diagnostic Criteria: C

Those with C test results are advised to take the confirmatory examination.

(C) Immediate need for confirmatory examination.

1.5-2 Confirmatory Examination

We conduct ultrasonography, blood test, urine test, and fine-needle aspiration cytology (FNAC) if needed for those with B or C test results. Priority is given to those in urgent clinical need.

1.5-3 Flow chart

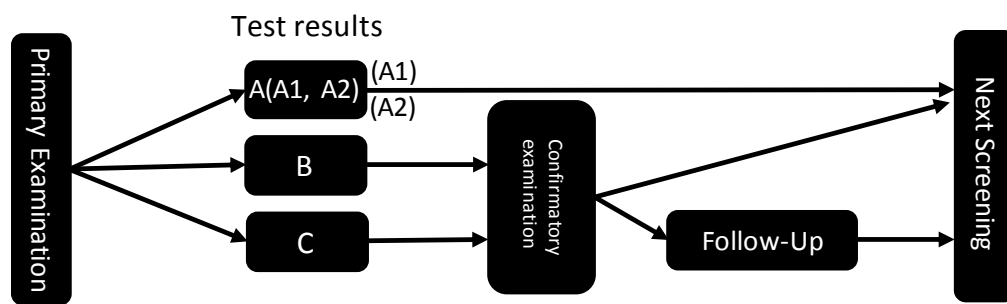


Fig.1 Flow chart

1.6 Target Municipalities

 25 target municipalities for FY 2014


 34 target municipalities for FY 2015



Fig.2 Target Municipalities

2. Results of Primary Examination (As of 30 September 2015)

2.1-1 Progress Report

The Primary Examination started 2 April 2014, and the participation rate as of 30 September 2015 is 52.6% (199,772 of 379,952) from 59 municipalities (25 municipalities in FY 2014, and 34 in FY 2015). (See Appendix 1 and 2.)

The results have been returned to 91.4% (182,547) of the participants. (See Appendix 3.)

Those with A1 or A2 test results were 181,064 (99.2%), B were 1,483 (0.8%), and C was 0.

Table 1. Screening test coverage as of 30 September 2015

	Target Population	Participants		Proportion (%)	Test results			
		Proportion (%)	Screened outside Fukushima		Class (%)			
					A		Requiring confirmatory test	
					A1 d (d/c)	A2 e (e/c)	B f (f/c)	C g (g/c)
FY 2014	216,793	152,907 (70.5)	9,758	151,410 (99.0)	63,131 (41.7)	87,068 (57.5)	1,211 (0.8)	0 (0.0)
FY 2015	163,159	46,865 (28.7)	587	31,137 (66.4)	11,854 (38.1)	19,011 (61.1)	272 (0.9)	0 (0.0)
Total	379,952	199,772 (52.6)	10,345	182,547 (91.4)	74,985 (41.1)	106,079 (58.1)	1,483 (0.8)	0 (0.0)

Table 2. Number and proportion of children with nodules/cysts as of 30 September 2015

	Number of confirmed screening results a	Number and proportions of children with nodules/cysts			
		Nodules		Cysts	
		≥5.1 mm b (b/a)	≤5.0 mm c (c/a)	≥20.1 mm d (d/a)	≤20.0 mm e (e/a)
FY 2014	151,410	1,207 (0.8)	945 (0.6)	2 (0.0)	87,453 (57.8)
FY 2015	31,137	270 (0.9)	147 (0.5)	2 (0.0)	19,116 (61.4)
Total	182,547	1,477 (0.8)	1,092 (0.6)	4 (0.0)	106,569 (58.4)

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

Because some duplicate records were found, numbers may vary slightly from previous reports.

2.1-2 Participation rates by age group

Participation rate of age group 18-21 (as of 1 April 2014) in target municipalities for FY 2014 was 24.1%, the lowest among other age groups.

Table 3. Participation rates in target municipalities for FY 2014 by age group

As of 30 September 2015

		Total	Age group (years)			
			2-7	8-12	13-17	18-21
FY 2014 target municipalities	Target population (a)	216,793	56,398	53,375	57,783	49,237
	Participants (b)	152,907	43,131	48,851	49,067	11,858
	Proportion (%) (b/a)	70.5	76.5	91.5	84.9	24.1

Participation rate for FY 2015 is not yet tabulated in the table.

Ages are as of 1 April 2014.

2.1-3 Comparison with the Preliminary Baseline Screening (Initial Screening)

Among 169,029 participants who were diagnosed as A1 or A2 in the Preliminary Baseline Screening, 168,065 (99.4%) had A1 or A2 results, and 964 (0.6%) were diagnosed as B from the Full-scale Survey.

Among 817 participants who were diagnosed as B in the Preliminary Baseline Screening, 367 (44.9%) had A1 or A2 results, and 450 (55.1%) were diagnosed as B from the Full-scale Thyroid Screening Program.

Table 4. Comparison with the Preliminary Baseline Screening

As of 30 September 2015

			Number of test results of the Preliminary Baseline Screening* (%) a	Results of the Full-scale Thyroid Screening			
				A		B d d/a (%)	C e e/a (%)
				A1 b b/a (%)	A2 c c/a (%)		
Results of the Preliminary Baseline Screening	A	A1	92,197 (100.0)	59,970 (65.0)	31,919 (34.6)	308 (0.3)	0 (0.0)
		A2	76,832 (100.0)	7,073 (9.2)	69,103 (89.9)	656 (0.9)	0 (0.0)
	B		817 (100.0)	66 (8.1)	301 (36.8)	450 (55.1)	0 (0.0)
	C		0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
	Non-participants		12,701 (100.0)	7,876 (62.0)	4,756 (37.4)	69 (0.5)	0 (0.0)
Total			182,547 (100.0)	74,985 (41.1)	106,079 (58.1)	1,483 (0.8)	0 (0.0)

* Results of the participants with confirmed test results of the Full-scale survey.

This is not the breakdown of the total (300,476) of confirmed screening results from the Preliminary Baseline Screening.

2.2 Results of Confirmatory Examination

2.2-1 Progress Report

The number of those who required further testing (started in June 2014) was 1,483, of whom 1,023 (69.0%) underwent confirmatory testing. Among them, 879 (85.9%) have completed the tests. (See Appendix 4.)

Of 879 participants, 242 (32 with A1 result and 210 with A2 result from Table 5) were found to be back within the range of A1 and A2, and were advised to take their next regularly scheduled examination (27.5%).

Those who require 6- or 12-month follow-up provided by health insurance were 637 (72.5%).

Table 5. Confirmatory testing coverage and results as of 30 September 2015

	Number of those requiring confirmatory test a	Participants Proportion (%) b (b/a)	Confirmatory test coverage (%) c (c/b)	Confirmed test results			
				Next screening advised		Follow-up advised	
				A1 d (d/c)	A2 e (e/c)	f (f/c)	Cytology g (g/f)
FY 2014	1,211	932 (77.0)	849 (91.1)	32 (3.8)	205 (24.1)	612 (72.1)	120 (19.6)
FY 2015	272	91 (33.5)	30 (33.0)	0 (0.0)	5 (16.7)	25 (83.3)	4 (16.0)
Total	1,483	1,023 (69.0)	879 (85.9)	32 (3.6)	210 (23.9)	637 (72.5)	124 (19.5)

Those confirmed within the range of A1 and A2 (including those with other thyroid conditions) were advised to take their next regularly scheduled examination.

Those who require 6- or 12-month follow-up provided by health insurance and those beyond the specified level of A2 were categorized as "Follow-up advised."

2.2-2 Results of Fine Needle Aspiration Biopsy and Cytology (FNAC)

Among those who underwent FNAC, 39 had nodules classified as suspicious or malignant.

Sixteen of them were male, and 23 were female. Age at the time of the confirmatory testing ranged from 10 to 22 years (mean age: 17.1 ± 3.2 years). The minimum and maximum tumor size was 5.3-30.1 mm in diameter. Mean tumor diameter was 9.6 ± 4.6 mm.

Results from the Preliminary Baseline Screening show that 37 of the 39 participants were categorized as A (A1: 19; A2: 18) and 2 as B.

Table 6. Target municipalities in FY 2014-2015

Suspicious or malignant	39 *
Male to female ratio	16: 23
Mean age (SD, min-max)	17.1 (3.2, 10-22) 13.2 (3.2, 6-18) at the time of the disaster
Mean tumor size	9.6 mm (4.6 mm, 5.3-30.1 mm)

* See Appendix 6 for details.

2.2-3 Suspicious or malignant cases per FNAC by age and sex

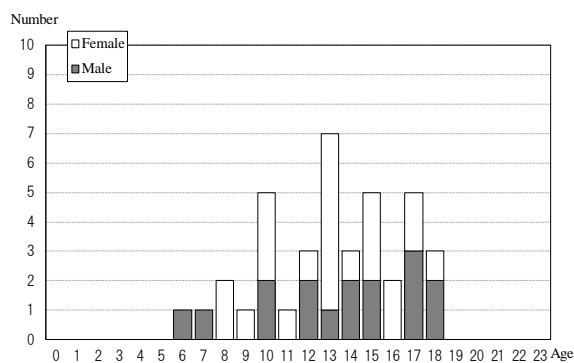


Fig.3 Age as of 11 March 2011

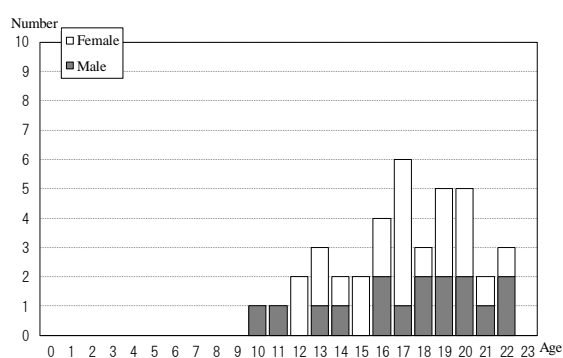


Fig. 4 Age as the date of confirmatory examination

2.2-4 Suspicious or malignant cases per FNAC by estimated radiation dose

Twenty-four (61.5%) of the 39 people participated in the Basic Survey (radiation dose estimates), and 23 received the results. Among those, 8 had estimated radiation exposure dose below 1 mSv, and the highest effective dose documented was 2.1 mSv.

Table 7. Number of suspicious or malignant cases by age and sex As of 30 September 2015

Effective dose (mSv)	Age at the time of the disaster									
	0-5		6-10		11-15		16-18		Total	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<1	0	0	2	0	1	4	1	0	4	4
1-1.9	0	0	0	1	3	2	2	3	5	6
2-4.9	0	0	1	0	0	1	1	1	2	2
5-9.9	0	0	0	0	0	0	0	0	0	0
10-19.9	0	0	0	0	0	0	0	0	0	0
≥20	0	0	0	0	0	0	0	0	0	0
Total	0	0	3	1	4	7	4	4	11	12

Estimates are based on effective external radiation doses.

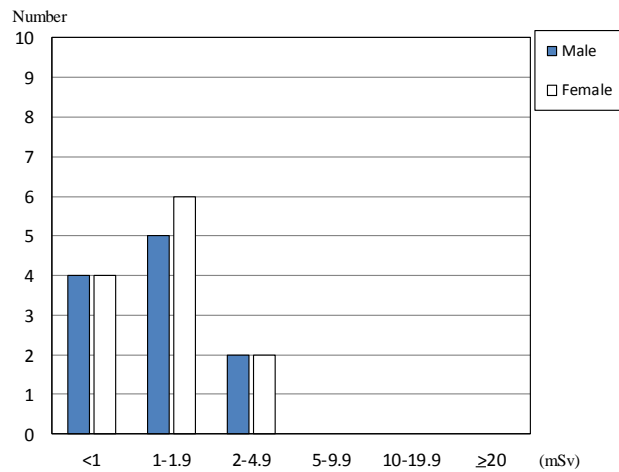


Fig. 5 Effective dose of the respondents

2.2-5 Blood and urinary iodine test results as of 30 September 2015

Table 8. Blood test results Mean±SD (Abnormal value)

	FT4 1) (ng/dL)	FT3 2) (pg/mL)	TSH 3) (μIU/mL)	Tg 4) (ng/mL)	TgAb 5) (IU/mL)	TPOAb 6) (IU/mL)
Reference Range	0.95-1.74	2.13-4.07 7)	0.340-3.880	≤32.7	<28.0	<16.0
39 suspicious or malignant	1.2 ± 0.2 (7.7%)	3.5 ± 0.4 (2.6%)	1.7 ± 0.9 (7.7%)	42.5 ± 113.3 (23.1%)	— (20.5%)	— (12.8%)
Other 838	1.2 ± 0.2 (7.3%)	3.6 ± 0.6 (6.2%)	1.3 ± 0.9 (9.3%)	24.0 ± 63.6 (14.3%)	— (8.7%)	— (8.4%)

Table 9. Urinary iodine (μg/day)

	Minimum	25th percentile	Median	75th percentile	Maximum
39 suspicious or malignant	49	115	182	376	1,370
Other 834	33	116	184.5	338	11,800

- 1) FT4: Free Thyroxine; higher among patients with thyrotoxicosis (representative disease: Graves' disease) and lower with hypothyroidism (representative disease: Hashimoto's thyroiditis).
- 2) FT3: Free Triiodothyronine; higher among patients with thyrotoxicosis (representative disease: Graves' disease) and lower with hypothyroidism (representative disease: Hashimoto's thyroiditis).
- 3) TSH: Thyroid Stimulating Hormone; higher among patients with Hashimoto's disease and lower with Graves' disease.
- 4) Tg: Thyroglobulin; higher when thyroid tissue is destroyed or when thyroid cancer produces thyroglobulin.
- 5) TgAb: Anti-Thyroglobulin Antibody; higher among patients with Hashimoto's disease and Graves' disease.
- 6) TPOAb: Anti-Thyroid Peroxidase Antibody; higher among patients with Hashimoto's disease or Graves' disease.
- 7) Reference range differs according to age.

2.2-6 Confirmatory test results by municipality as of 30 September 2015

The proportion of suspicious or malignant diagnoses was 0.02% in FY 2014 target municipalities (13 municipalities in the nationally designated evacuation zones and 12 towns of the Kempoku area), 0.00% in FY 2015 target municipalities (34 towns of Iwaki, the Kennan and Aizu areas).

Table 10.

Confirmatory test results by municipality in FY 2014

	Number of those screened	Participants who required confirmatory test	Proportion who required confirmatory test (%)	Number who underwent confirmatory test	Suspicious or malignant cases	Proportion of suspicious or malignant cases (%)
Kawamata	1,729	20	1.2	18	0	0.00
Namie	2,325	27	1.2	22	2	0.09
Iitate	750	14	1.9	11	0	0.00
Minami-soma	8,530	74	0.9	62	3	0.04
Date	9,004	83	0.9	74	7	0.08
Tamura	4,827	50	1.0	40	2	0.04
Hirono	623	8	1.3	7	0	0.00
Naraha	918	4	0.4	4	0	0.00
Tomioka	1,749	23	1.3	16	0	0.00
Kawauchi	201	2	1.0	1	0	0.00
Okuma	1,554	10	0.6	10	1	0.06
Futaba	588	2	0.3	0	0	0.00
Katsurao	141	2	1.4	2	0	0.00
Fukushima	41,971	326	0.8	270	8	0.02
Nihonmatsu	7,664	54	0.7	44	1	0.01
Motomiya	4,692	31	0.7	26	2	0.04
Otama	1,234	4	0.3	4	0	0.00
Koriyama	45,589	340	0.7	231	10	0.02
Kori	1,571	14	0.9	9	1	0.06
Kunimi	1,197	8	0.7	6	0	0.00
Tenei	766	11	1.4	3	0	0.00
Shirakawa	9,053	55	0.6	41	1	0.01
Nishigo	2,996	24	0.8	17	0	0.00
Izumizaki	937	2	0.2	1	0	0.00
Miharu	2,298	23	1.0	13	0	0.00
Subtotal	152,907	1,211	0.8	932	38	0.02

Confirmatory test results by municipality in FY 2015

	Number of those screened	Participants who required confirmatory test	Proportion who required confirmatory test (%)	Number who underwent confirmatory test	Suspicious or malignant cases	Proportion of suspicious or malignant cases (%)
Iwaki	22,395	113	0.5	14	1	0.00
Sukagawa	10,573	70	0.7	29	0	0.00
Soma	4,327	20	0.5	14	0	0.00
Kagamiishi	1,828	12	0.7	4	0	0.00
Shinchi	964	13	1.3	7	0	0.00
Nakajima	99	3	3.0	2	0	0.00
Yabuki	342	9	2.6	5	0	0.00
Ishikawa	150	3	2.0	1	0	0.00
Yamatsuri	38	0	0.0	0	0	0.00
Asakawa	86	3	3.5	3	0	0.00
Hirata	79	1	1.3	0	0	0.00
Tanagura	142	3	2.1	1	0	0.00
Hanawa	87	2	2.3	2	0	0.00
Samegawa	20	0	0.0	0	0	0.00
Ono	168	3	1.8	1	0	0.00
Tamakawa	126	1	0.8	0	0	0.00
Furudono	47	0	0.0	0	0	0.00
Hinoemata	49	0	0.0	0	0	0.00
Minami-aizu	1,436	6	0.4	4	0	0.00
Kaneyama	98	0	0.0	0	0	0.00
Showa	57	0	0.0	0	0	0.00
Mishima	81	0	0.0	0	0	0.00
Shimogo	509	0	0.0	0	0	0.00
Kitakata	95	0	0.0	0	0	0.00
Nishiaizu	10	0	0.0	0	0	0.00
Tadami	414	3	0.7	0	0	0.00
Inawashiro	1,405	5	0.4	3	0	0.00
Bandai	307	0	0.0	0	0	0.00
Kitashiobara	275	0	0.0	0	0	0.00
Aizumisato	36	1	2.8	0	0	0.00
Aizubange	35	0	0.0	0	0	0.00
Yanaizu	272	0	0.0	0	0	0.00
Aizuwakamatsu	308	1	0.3	1	0	0.00
Yugawa	7	0	0.0	0	0	0.00
Subtotal	46,865	272	0.6	91	1	0.00
Total	199,772	1,483	0.7	1,023	39	0.02

2.3 Mental Health Care

2.3-1 For participants of confirmatory examination

We set up a support team for participants of the confirmatory examination to address their anxiety and concerns by offering online support.

Since the full-scale thyroid screening started, 613 participants (214 male and 399 female) have received support as of 30 September 2015. The number of consultations given to them was 1,058 in total. Of these, 632 (59.7 %) received the support services during the first time of the examination, 396 (37.4 %) at the second time and after including 90 (8.5 %) when undergoing FNAC, and 30 (2.8 %) when giving informed consent.

In cooperation with teams of medical staff at hospitals, we offer similar services to those who are recommended for a follow-up provided by health insurance.

2.3-2 Briefing on the result of primary examination

Since July 2015, we offer explanations to participants face to face at the primary examination public venue. After the examination, the briefing is offered by physicians using an online video link at consultation booths on request. As of 30 September 2015, 3,213 (57.6%) of 5,577 participants visited the consultation booth. When the booth could not be set up at the venues, phone support or briefing sessions are offered at schools as an alternative.

2.4 Full-scale Thyroid Screening Program (from the 3rd time onward)

2.4-1 Schedule (Approved by the 20th Prefectural Oversight Committee Meeting)

The residents undergo thyroid examination every 2 years until age 20 in a sequence guided by their municipal address. After that, they take the examination every 5 years regardless of their addresses so that it is easier for them to understand when to undergo the screening. We will endeavor to make sure they do not let more than 5 years pass between the exams through age 25.

2.4-2 Review of the primary examination consent form and notice

We will make sure the notice of the thyroid ultrasound examination explains its purpose in detail. We will also inform individuals that by participating in the examination, they will learn the condition of their thyroid glands, although it might make them feel anxious. In the consent form, we ask them to select either “I agree” or “I disagree” in order to document explicit consent from the participants.

2.4-3 Review of the notification of the primary examination results

Since participants will take the exams periodically from FY 2016, we will provide cumulative survey results with, plain-language explanations. We will ask those recommended to take confirmatory testing if they wish to participate, and also about visits to their doctors.

Appendix 1

Thyroid Ultrasound Examination (TUE) coverage by municipality

As of 30 September 2015

	Target Population	Participants		Proportion (%)	Number and proportion of participants by age group				Participants living outside Fukushima	Proportion (%)	
		Screened outside Fukushima 3)									
	a	b	3)	b/a	2-7	8-12	13-17	18-23	c	c/b	
Screening coverage by municipality in FY 2014											
Kawamata	2,460	1,729	45	70.3	422	572	591	144	1)	62	3.6
					24.4	33.1	34.2	8.3				2)
Namie	3,772	2,325	642	61.6	620	672	711	322		718	30.9
					26.7	28.9	30.6	13.8			
Iitate	1,123	750	32	66.8	184	270	237	59		40	5.3
					24.5	36.0	31.6	7.9			
Minami-soma	12,982	8,530	1,655	65.7	2,227	2,823	2,587	893		1,831	21.5
					26.1	33.1	30.3	10.5			
Date	11,742	9,004	308	76.7	2,249	2,733	2,968	1,054		304	3.4
					25.0	30.4	33.0	11.7			
Tamura	7,321	4,827	135	65.9	1,106	1,623	1,646	452		126	2.6
					22.9	33.6	34.1	9.4			
Hirono	1,108	623	103	56.2	160	184	191	88		92	14.8
					25.7	29.5	30.7	14.1			
Naraha	1,489	918	126	61.7	226	266	298	128		136	14.8
					24.6	29.0	32.5	13.9			
Tomioka	3,101	1,749	399	56.4	428	469	573	279		436	24.9
					24.5	26.8	32.8	16.0			
Kawauchi	360	201	19	55.8	48	71	63	19		21	10.4
					23.9	35.3	31.3	9.5			
Okuma	2,499	1,554	352	62.2	488	479	422	165		385	24.8
					31.4	30.8	27.2	10.6			
Futaba	1,258	588	214	46.7	170	193	161	64		228	38.8
					28.9	32.8	27.4	10.9			
Katsurao	240	141	14	58.8	33	53	45	10		13	9.2
					23.4	37.6	31.9	7.1			
Fukushima	55,734	41,971	2,176	75.3	10,849	12,638	13,240	5,244		2,620	6.2
					25.8	30.1	31.5	12.5			
Nihonmatsu	10,597	7,664	254	72.3	1,857	2,463	2,652	692		245	3.2
					24.2	32.1	34.6	9.0			
Motomiya	6,343	4,692	148	74.0	1,190	1,501	1,543	458		159	3.4
					25.4	32.0	32.9	9.8			
Otama	1,684	1,234	20	73.3	344	398	382	110		24	1.9
					27.9	32.3	31.0	8.9			
Koriyama	66,751	45,589	2,583	68.3	10,444	15,197	15,125	4,823		3,085	6.8
					22.9	33.3	33.2	10.6			
Kori	2,137	1,571	45	73.5	365	503	547	156		35	2.2
					23.2	32.0	34.8	9.9			
Kunimi	1,624	1,197	29	73.7	224	379	443	151		28	2.3
					18.7	31.7	37.0	12.6			
Tenei	1,101	766	22	69.6	206	260	246	54		23	3.0
					26.9	33.9	32.1	7.0			
Shirakawa	12,674	9,053	271	71.4	2,433	2,885	2,923	812		297	3.3
					26.9	31.9	32.3	9.0			
Nishigo	4,173	2,996	100	71.8	853	986	887	270		104	3.5
					28.5	32.9	29.6	9.0			
Izumizaki	1,337	937	20	70.1	253	312	284	88		12	1.3
					27.0	33.3	30.3	9.4			
Miharu	3,183	2,298	46	72.2	516	674	797	311		49	2.1
					22.5	29.3	34.7	13.5			
Subtotal	216,793	152,907	9,758	70.5	37,895	48,604	49,562	16,846		11,073	7.2
					24.8	31.8	32.4	11.0			

1) Number of participants. 2) Number of participants in the age group/Number of participants.

3) Number of participants who underwent the test outside Fukushima.

Fractions have been rounded and may not total to 100%. Ages are at the time when the participants underwent the testing.

Because some duplicate records were found, numbers may vary slightly from previous reports.

Thyroid Ultrasound Examination (TUE) coverage by municipality

As of 30 September 2015

	Target Population	Participants		Proportion (%)	Number and proportion of participants by age group				Participants living outside Fukushima	Proportion (%)
		Screened outside Fukushima 3)	b/a		2-7	8-12	13-17	18-23		
a	b								c	c/b
Screening coverage by municipality in FY 2015										
Iwaki	64,285	22,395	275	34.8	3,862 17.2	7,340 32.8	7,983 35.6	3,210 14.3	589	2.6
Sukagawa	15,877	10,573	100	66.6	2,388 22.6	3,604 34.1	3,550 33.6	1,031 9.8	154	1.5
Soma	7,086	4,327	82	61.1	996 23.0	1,479 34.2	1,535 35.5	317 7.3	173	4.0
Kagamiishi	2,705	1,828	10	67.6	504 27.6	615 33.6	560 30.6	149 8.2	22	1.2
Shinchi	1,476	964	12	65.3	193 20.0	339 35.2	369 38.3	63 6.5	23	2.4
Nakajima	1,115	99	0	8.9	5 5.1	8 8.1	70 70.7	16 16.2	1	1.0
Yabuki	3,419	342	6	10.0	28 8.2	30 8.8	233 68.1	51 14.9	10	2.9
Ishikawa	2,951	150	4	5.1	12 8.0	11 7.3	97 64.7	30 20.0	12	8.0
Yamatsuri	1,055	38	3	3.6	10 26.3	3 7.9	20 52.6	5 13.2	3	7.9
Asakawa	1,392	86	0	6.2	2 2.3	8 9.3	58 67.4	18 20.9	1	1.2
Hirata	1,270	79	0	6.2	3 3.8	20 25.3	45 57.0	11 13.9	2	2.5
Tanagura	3,085	142	4	4.6	18 12.7	18 12.7	76 53.5	30 21.1	8	5.6
Hanawa	1,716	87	4	5.1	7 8.0	8 9.2	56 64.4	16 18.4	5	5.7
Samegawa	723	20	0	2.8	1 5.0	1 5.0	16 80.0	2 10.0	0	0.0
Ono	1,986	168	3	8.5	10 6.0	14 8.3	107 63.7	37 22.0	9	5.4
Tamakawa	1,370	126	0	9.2	8 6.3	17 13.5	85 67.5	16 12.7	0	0.0
Furudono	1,078	47	3	4.4	5 10.6	6 12.8	26 55.3	10 21.3	4	8.5
Hinoemata	110	49	0	44.5	7 14.3	19 38.8	23 46.9	0 0.0	0	0.0
Minami-aizu	2,913	1,436	1	49.3	276 19.2	555 38.6	526 36.6	79 5.5	2	0.1
Kaneyama	203	98	0	48.3	13 13.3	41 41.8	38 38.8	6 6.1	0	0.0
Showa	134	57	0	42.5	7 12.3	23 40.4	23 40.4	4 7.0	0	0.0
Mishima	195	81	0	41.5	10 12.3	43 53.1	26 32.1	2 2.5	1	1.2
Shimogo	1,010	509	2	50.4	90 17.7	203 39.9	184 36.1	32 6.3	2	0.4
Kitakata	9,235	95	9	1.0	21 22.1	31 32.6	26 27.4	17 17.9	8	8.4
Nishiaizu	1,054	10	0	0.9	0 0.0	2 20.0	6 60.0	2 20.0	0	0.0
Tadami	735	414	1	56.3	92 22.2	153 37.0	142 34.3	27 6.5	3	0.7
Inawashiro	2,757	1,405	7	51.0	317 22.6	551 39.2	434 30.9	103 7.3	13	0.9
Bandai	628	307	2	48.9	68 22.1	140 45.6	84 27.4	15 4.9	1	0.3
Kitashiobara	581	275	0	47.3	83 30.2	117 42.5	59 21.5	16 5.8	0	0.0
Aizumisato	3,658	36	6	1.0	7 19.4	2 5.6	16 44.4	11 30.6	5	13.9
Aizubange	3,081	35	7	1.1	6 17.1	16 45.7	5 14.3	8 22.9	7	20.0
Yanaizu	611	272	0	44.5	70 25.7	122 44.9	65 23.9	15 5.5	0	0.0
Aizuwakamatsu	22,989	308	46	1.3	58 18.8	88 28.6	123 39.9	39 12.7	46	14.9
Yugawa	676	7	0	1.0	0 0.0	1 14.3	4 57.1	2 28.6	0	0.0
Subtotal	163,159	46,865	587	28.7	9,177 19.6	15,628 33.3	16,670 35.6	5,390 11.5	1,104	2.4
Total	379,952	199,772	10,345	52.6	47,072 23.6	64,232 32.2	66,232 33.2	22,236 11.1	12,177	6.1

Appendix 2

Thyroid Ultrasound Examination (TUE) coverage by prefecture

As of 31 August 2015

Prefecture	Number of test venues	Participants*	Prefecture	Number of test venues	Participants*	Prefecture	Number of test venues	Participants*
Hokkaido	5	278	Fukui	1	8	Hiroshima	1	25
Aomori	1	130	Yamanashi	2	102	Yamaguchi	1	12
Iwate	3	262	Nagano	2	108	Tokushima	1	8
Miyagi	2	2,061	Gifu	1	26	Kagawa	1	17
Akita	1	195	Shizuoka	2	94	Ehime	1	8
Yamagata	3	687	Aichi	3	151	Kochi	1	10
Ibaraki	4	546	Mie	1	23	Fukuoka	3	56
Tochigi	6	591	Shiga	1	18	Saga	1	15
Gunma	2	187	Kyoto	3	60	Nagasaki	2	23
Saitama	2	324	Osaka	6	175	Kumamoto	1	13
Chiba	3	431	Hyogo	1	109	Oita	1	27
Tokyo	12	1,551	Nara	1	20	Miyazaki	1	23
Kanagawa	4	1,106	Wakayama	1	8	Kagoshima	1	20
Niigata	2	685	Tottori	1	7	Okinawa	1	49
Toyama	1	12	Shimane	1	4			
Ishikawa	1	44	Okayama	3	36			
						Total	99	10,345

* Participants who underwent testing at venues outside Fukushima carried out either by Fukushima Medical University staff (once in Niigata and Yamagata, and twice in Kanagawa) or by local specialists.

Appendix 3

Results of primary examination by municipality

As of 30 September 2015

Results of primary examination by municipality		Confirmed results b Proportion (%) b/a (%)	Number by test results				Nodules		Cysts	
Participants a	Proportion (%)				Proportion (%)		Proportion (%)			
	A		B	C	Proportion (%)		Proportion (%)			
	A1				A2	≥5.1 mm	≤5.0 mm	≥20.1 mm	≤20.0 mm	
Screening coverage by municipality in FY 2014										
Kawamata	1,729	1,722	764	938	20	0	19	13	1	946
		99.6	44.4	54.5	1.2	0.0	1.1	0.8	0.1	54.9
Namie	2,325	2,233	919	1,287	27	0	27	17	0	1,298
		96.0	41.2	57.6	1.2	0.0	1.2	0.8	0.0	58.1
Iitate	750	747	354	379	14	0	14	3	0	384
		99.6	47.4	50.7	1.9	0.0	1.9	0.4	0.0	51.4
Minami-soma	8,530	8,412	3,609	4,729	74	0	74	57	0	4,752
		98.6	42.9	56.2	0.9	0.0	0.9	0.7	0.0	56.5
Date	9,004	8,974	3,898	4,993	83	0	83	68	0	5,016
		99.7	43.4	55.6	0.9	0.0	0.9	0.8	0.0	55.9
Tamura	4,827	4,804	1,976	2,778	50	0	50	28	0	2,796
		99.5	41.1	57.8	1.0	0.0	1.0	0.6	0.0	58.2
Hirono	623	561	239	314	8	0	8	6	0	313
		90.0	42.6	56.0	1.4	0.0	1.4	1.1	0.0	55.8
Naraha	918	851	355	492	4	0	4	7	0	492
		92.7	41.7	57.8	0.5	0.0	0.5	0.8	0.0	57.8
Tomioka	1,749	1,652	686	943	23	0	23	16	0	952
		94.5	41.5	57.1	1.4	0.0	1.4	1.0	0.0	57.6
Kawauchi	201	192	63	127	2	0	2	1	0	128
		95.5	32.8	66.1	1.0	0.0	1.0	0.5	0.0	66.7
Okuma	1,554	1,476	641	825	10	0	10	11	0	825
		95.0	43.4	55.9	0.7	0.0	0.7	0.7	0.0	55.9
Futaba	588	556	236	318	2	0	2	5	0	318
		94.6	42.4	57.2	0.4	0.0	0.4	0.9	0.0	57.2
Katsurao	141	136	69	65	2	0	2	1	0	65
		96.5	50.7	47.8	1.5	0.0	1.5	0.7	0.0	47.8
Fukushima	41,971	41,382	17,485	23,571	326	0	324	249	0	23,690
		98.6	42.3	57.0	0.8	0.0	0.8	0.6	0.0	57.2
Nihonmatsu	7,664	7,644	3,322	4,268	54	0	54	53	0	4,275
		99.7	43.5	55.8	0.7	0.0	0.7	0.7	0.0	55.9
Motomiya	4,692	4,681	2,037	2,613	31	0	31	16	0	2,627
		99.8	43.5	55.8	0.7	0.0	0.7	0.3	0.0	56.1
Otama	1,234	1,232	553	675	4	0	4	8	0	674
		99.8	44.9	54.8	0.3	0.0	0.3	0.6	0.0	54.7
Koriyama	45,589	45,381	18,079	26,962	340	0	340	265	0	27,067
		99.5	39.8	59.4	0.7	0.0	0.7	0.6	0.0	59.6
Kori	1,571	1,557	666	877	14	0	14	9	0	882
		99.1	42.8	56.3	0.9	0.0	0.9	0.6	0.0	56.6
Kunimi	1,197	1,189	475	706	8	0	7	10	1	706
		99.3	39.9	59.4	0.7	0.0	0.6	0.8	0.1	59.4
Tenei	766	766	319	436	11	0	11	11	0	444
		100.0	41.6	56.9	1.4	0.0	1.4	1.4	0.0	58.0
Shirakawa	9,053	9,034	3,890	5,089	55	0	55	45	0	5,105
		99.8	43.1	56.3	0.6	0.0	0.6	0.5	0.0	56.5
Nishigo	2,996	2,994	1,273	1,697	24	0	24	24	0	1,704
		99.9	42.5	56.7	0.8	0.0	0.8	0.8	0.0	56.9
Izumizaki	937	937	342	593	2	0	2	10	0	592
		100.0	36.5	63.3	0.2	0.0	0.2	1.1	0.0	63.2
Miharu	2,298	2,297	881	1,393	23	0	23	12	0	1,402
		100.0	38.4	60.6	1.0	0.0	1.0	0.5	0.0	61.0
Subtotal	152,907	151,410	63,131	87,068	1,211	0	1,207	945	2	87,453
		99.0	41.7	57.5	0.8	0.0	0.8	0.6	0.0	57.8

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

	Participants a	Confirmed results b Proportion (%) b/a (%)	Number by test results				Nodules		Cysts	
			Proportion (%)				Proportion (%)		Proportion (%)	
			A		B	C	Proportion (%)		Proportion (%)	
			A1	A2			≥5.1 mm	≤5.0 mm	≥20.1 mm	≤20.0 mm

Screening coverage by municipality in FY 2015

Iwaki	22,395	11,951	4,531	7,307	113	0	111	60	2	7,349
		53.4	37.9	61.1	0.9	0.0	0.9	0.5	0.0	61.5
Sukagawa	10,573	9,012	3,338	5,604	70	0	70	41	0	5,630
		85.2	37.0	62.2	0.8	0.0	0.8	0.5	0.0	62.5
Soma	4,327	3,857	1,557	2,280	20	0	20	17	0	2,287
		89.1	40.4	59.1	0.5	0.0	0.5	0.4	0.0	59.3
Kagamiishi	1,828	1,655	659	984	12	0	12	8	0	988
		90.5	39.8	59.5	0.7	0.0	0.7	0.5	0.0	59.7
Shinchi	964	935	369	553	13	0	13	1	0	560
		97.0	39.5	59.1	1.4	0.0	1.4	0.1	0.0	59.9
Nakajima	99	99	36	60	3	0	3	2	0	59
		100.0	36.4	60.6	3.0	0.0	3.0	2.0	0.0	59.6
Yabuki	342	339	124	206	9	0	9	0	0	211
		99.1	36.6	60.8	2.7	0.0	2.7	0.0	0.0	62.2
Ishikawa	150	149	59	87	3	0	3	0	0	89
		99.3	39.6	58.4	2.0	0.0	2.0	0.0	0.0	59.7
Yamatsuri	38	37	15	22	0	0	0	0	0	22
		97.4	40.5	59.5	0.0	0.0	0.0	0.0	0.0	59.5
Asakawa	86	86	33	50	3	0	3	0	0	53
		100.0	38.4	58.1	3.5	0.0	3.5	0.0	0.0	61.6
Hirata	79	78	28	49	1	0	1	0	0	50
		98.7	35.9	62.8	1.3	0.0	1.3	0.0	0.0	64.1
Tanagura	142	140	55	82	3	0	3	0	0	84
		98.6	39.3	58.6	2.1	0.0	2.1	0.0	0.0	60.0
Hanawa	87	85	35	48	2	0	2	2	0	49
		97.7	41.2	56.5	2.4	0.0	2.4	2.4	0.0	57.6
Samegawa	20	20	8	12	0	0	0	1	0	11
		100.0	40.0	60.0	0.0	0.0	0.0	5.0	0.0	55.0
Ono	168	166	57	106	3	0	3	2	0	107
		98.8	34.3	63.9	1.8	0.0	1.8	1.2	0.0	64.5
Tamakawa	126	126	48	77	1	0	1	2	0	78
		100.0	38.1	61.1	0.8	0.0	0.8	1.6	0.0	61.9
Furudono	47	44	14	30	0	0	0	1	0	29
		93.6	31.8	68.2	0.0	0.0	0.0	2.3	0.0	65.9
Hinoemata	49	4	2	2	0	0	0	0	0	2
		8.2	50.0	50.0	0.0	0.0	0.0	0.0	0.0	50.0
Minami-aizu	1,436	598	222	370	6	0	6	2	0	372
		41.6	37.1	61.9	1.0	0.0	1.0	0.3	0.0	62.2
Kaneyama	98	3	2	1	0	0	0	0	0	1
		3.1	66.7	33.3	0.0	0.0	0.0	0.0	0.0	33.3
Showa	57	2	1	1	0	0	0	0	0	1
		3.5	50.0	50.0	0.0	0.0	0.0	0.0	0.0	50.0
Mishima	81	0	0	0	0	0	0	0	0	0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shimogo	509	20	9	11	0	0	0	0	0	11
		3.9	45.0	55.0	0.0	0.0	0.0	0.0	0.0	55.0
Kitakata	95	57	20	37	0	0	0	0	0	37
		60.0	35.1	64.9	0.0	0.0	0.0	0.0	0.0	64.9
Nishiaizu	10	5	2	3	0	0	0	0	0	3
		50.0	40.0	60.0	0.0	0.0	0.0	0.0	0.0	60.0
Tadami	414	155	56	96	3	0	3	2	0	97
		37.4	36.1	61.9	1.9	0.0	1.9	1.3	0.0	62.6
Inawashiro	1,405	914	339	570	5	0	5	4	0	573
		65.1	37.1	62.4	0.5	0.0	0.5	0.4	0.0	62.7
Bandai	307	183	62	121	0	0	0	0	0	121
		59.6	33.9	66.1	0.0	0.0	0.0	0.0	0.0	66.1
Kitashiobara	275	95	38	57	0	0	0	0	0	57
		34.5	40.0	60.0	0.0	0.0	0.0	0.0	0.0	60.0
Aizumisato	36	23	9	13	1	0	1	0	0	14
		63.9	39.1	56.5	4.3	0.0	4.3	0.0	0.0	60.9
Aizubange	35	26	11	15	0	0	0	0	0	15
		74.3	42.3	57.7	0.0	0.0	0.0	0.0	0.0	57.7
Yanaizu	272	45	16	29	0	0	0	0	0	29
		16.5	35.6	64.4	0.0	0.0	0.0	0.0	0.0	64.4
Aizuwakamatsu	308	222	99	122	1	0	1	2	0	121
		72.1	44.6	55.0	0.5	0.0	0.5	0.9	0.0	54.5
Yugawa	7	6	0	6	0	0	0	0	0	6
		85.7	0.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Subtotal	46,865	31,137	11,854	19,011	272	0	270	147	2	19,116
		66.4	38.1	61.1	0.9	0.0	0.9	0.5	0.0	61.4
Total	199,772	182,547	74,985	106,079	1,483	0	1,477	1,092	4	106,569
		91.4	41.1	58.1	0.8	0.0	0.8	0.6	0.0	58.4

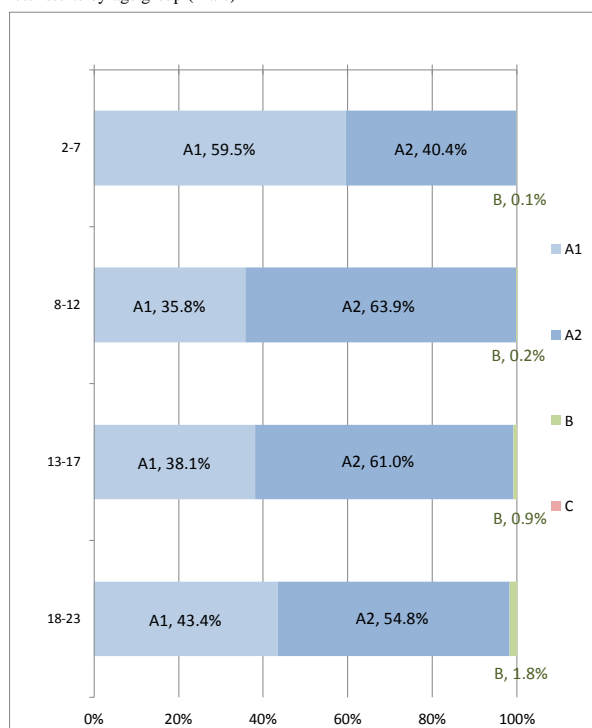
Appendix 4

1. Thyroid Ultrasound Examination results by age and sex

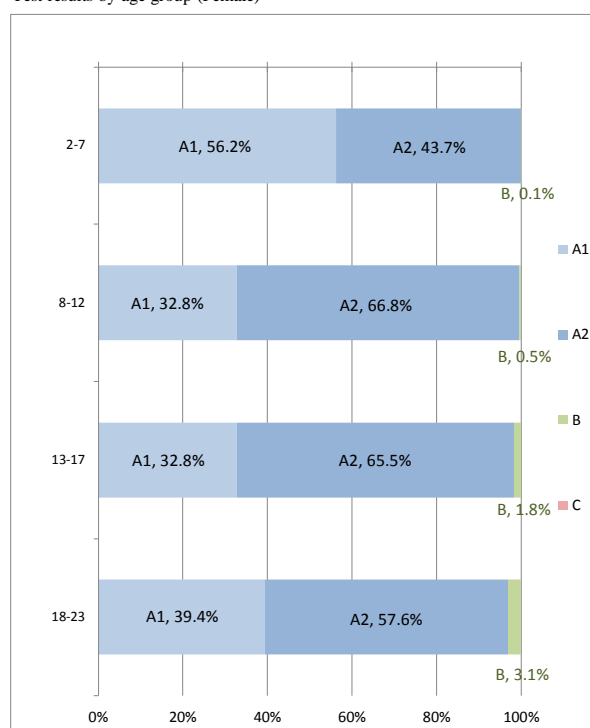
As of 30 September 2015

Ages	A						B			C			Total		
	A1			A2			Male	Female	Total	Male	Female	Total	Male	Female	Total
	Male	Female	Total	Male	Female	Total									
2-7	13,356	11,875	25,231	9,071	9,228	18,299	14	12	26	0	0	0	22,441	21,115	43,556
8-12	11,056	9,643	20,699	19,717	19,638	39,355	75	134	209	0	0	0	30,848	29,415	60,263
13-17	11,655	9,569	21,224	18,645	19,102	37,747	264	513	777	0	0	0	30,564	29,184	59,748
18-23	3,840	3,991	7,831	4,841	5,837	10,678	158	313	471	0	0	0	8,839	10,141	18,980
Total	39,907	35,078	74,985	52,274	53,805	106,079	511	972	1,483	0	0	0	92,692	89,855	182,547

Test results by age group (Male)



Test results by age group (Female)



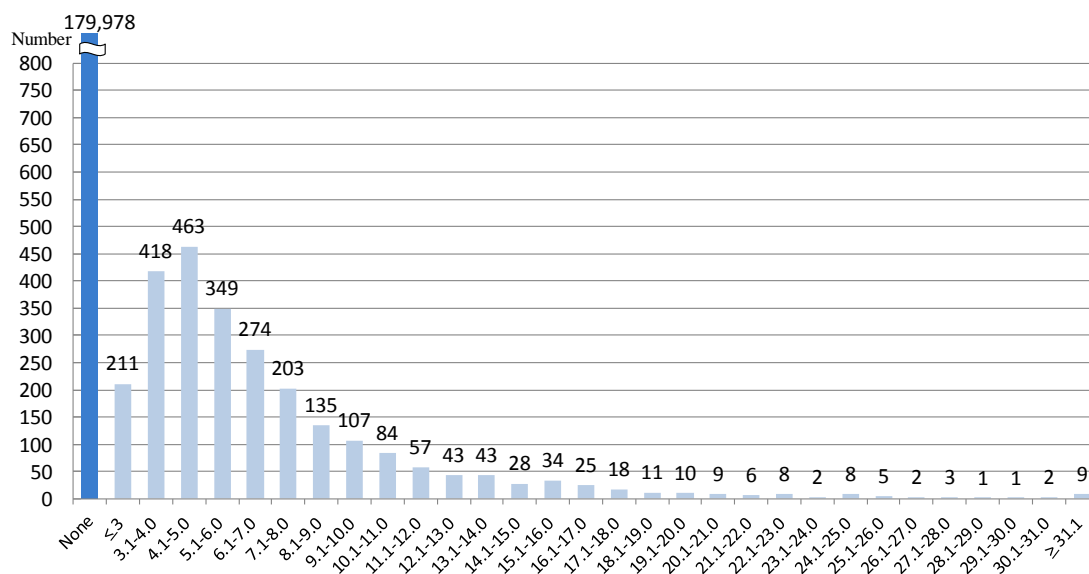
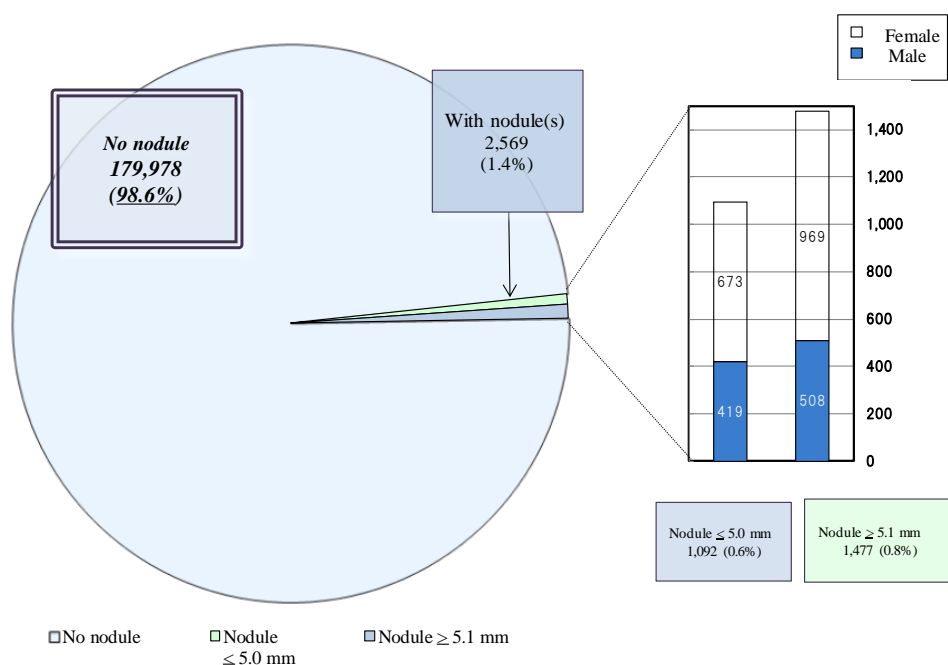
Percentages have been rounded and may not total to 100%.

Ages are at the time when the participants underwent the testing.

2. Nodule size

As of 30 September 2015

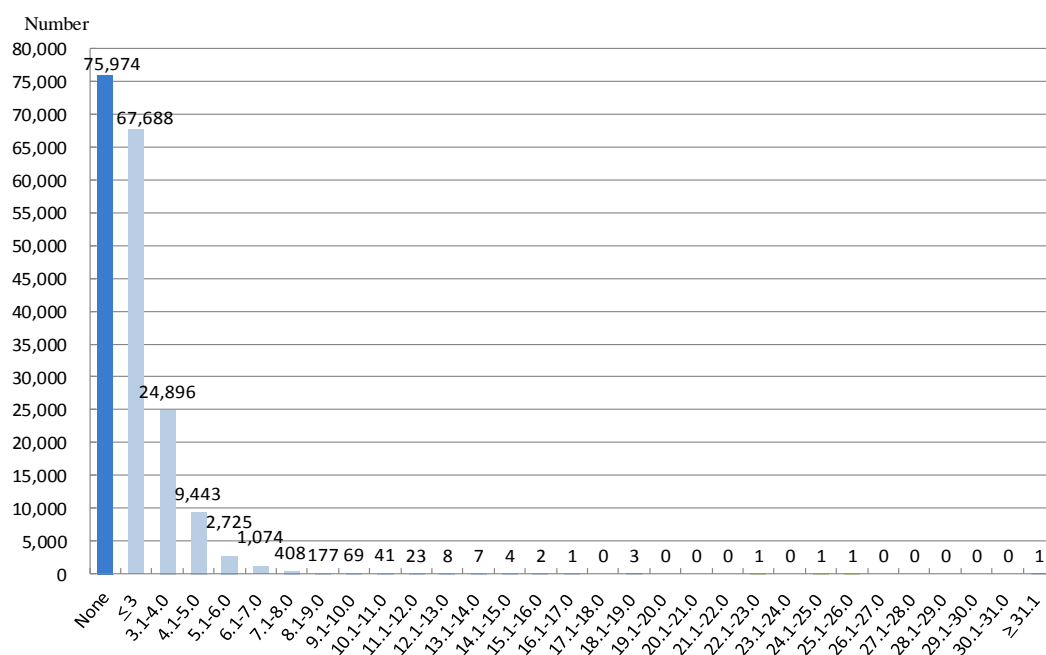
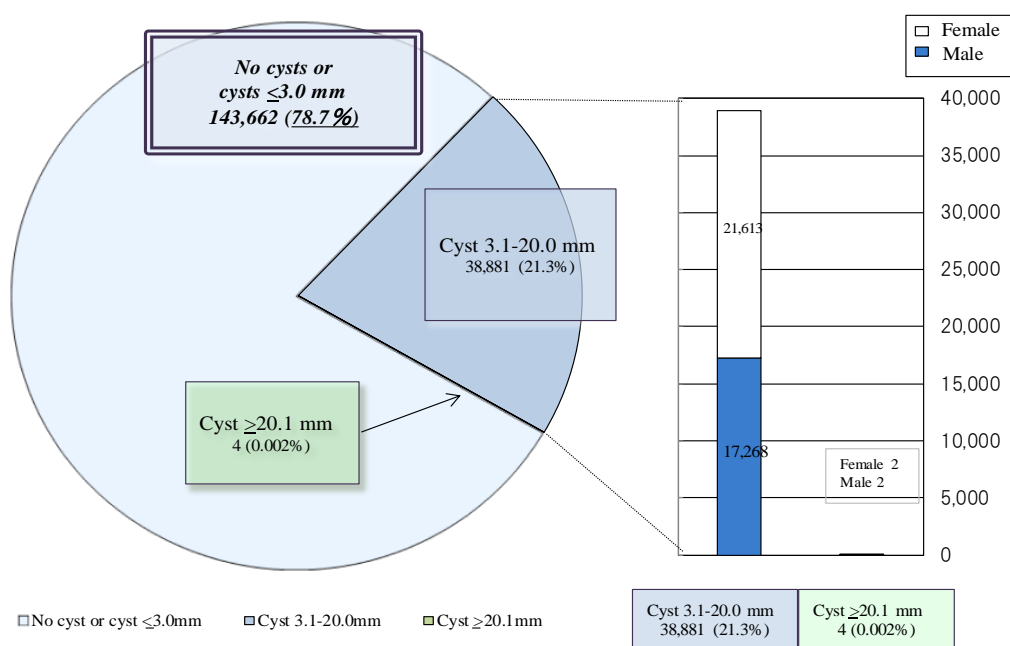
Nodule size	Total	Gender		Class	Proportion
		Male	Female		
None	179,978	91,765	88,213	A1	98.6%
≤ 3.0 mm	211	88	123	A2	0.6%
3.1-5.0 mm	881	331	550		
5.1-10.0 mm	1,068	364	704	B	0.8%
10.1-15.0 mm	255	95	160		
15.1-20.0 mm	98	33	65		
20.1-25.0 mm	33	7	26		
≥ 25.1 mm	23	9	14		
Total	182,547	92,692	89,855		



3. Cyst size

As of 30 September 2015

Cyst size	Total	Gender		Class	Proportion
		Male	Female		
None	75,974	40,283	35,691	A1	78.7%
≤ 3.0 mm	67,688	35,139	32,549	A2	
3.1-5.0 mm	34,339	15,708	18,631		
5.1-10.0 mm	4,453	1,534	2,919		
10.1-15.0 mm	83	23	60		
15.1-20.0 mm	6	3	3	B	21.3%
20.1-25.0 mm	2	1	1		
≥ 25.1 mm	2	1	1		
Total	182,547	92,692	89,855		



Appendix 5

Confirmatory test results by municipality

As of 30 September 2015

	Number of those screened	Participants who required confirmatory test	Number of those who underwent confirmatory test					Number of confirmed results			
			Total	Ages 2-7	Ages 8-12	Ages 13-17	Ages 18-23	Next screening advised		Follow-up advised	
								A1 i	A2 j	k	Aspiration biopsy cytology l
	a	b	c	d	e	f	g	Proportion (%)	Proportion (%)	Proportion (%)	Proportion (%)

Screening coverage by municipality in FY 2014

Kawamata	1,729	20	18	0	3	11	4	17	3	6	8	1
		1.2	90.0	0.0	16.7	61.1	22.2	94.4	17.6	35.3	47.1	12.5
Namie	2,325	27	22	0	2	9	11	21	0	2	19	3
		1.2	81.5	0.0	9.1	40.9	50.0	95.5	0.0	9.5	90.5	15.8
Iitate	750	14	11	0	2	6	3	10	2	3	5	1
		1.9	78.6	0.0	18.2	54.5	27.3	90.9	20.0	30.0	50.0	20.0
Minami-soma	8,530	74	62	2	9	26	25	59	4	14	41	12
		0.9	83.8	3.2	14.5	41.9	40.3	95.2	6.8	23.7	69.5	29.3
Date	9,004	83	74	1	17	38	18	72	0	26	46	9
		0.9	89.2	1.4	23.0	51.4	24.3	97.3	0.0	36.1	63.9	19.6
Tamura	4,827	50	40	1	3	28	8	39	1	9	29	6
		1.0	80.0	2.5	7.5	70.0	20.0	97.5	2.6	23.1	74.4	20.7
Hirono	623	8	7	0	1	3	3	7	0	3	4	0
		1.3	87.5	0.0	14.3	42.9	42.9	100.0	0.0	42.9	57.1	0.0
Naraha	918	4	4	0	0	0	4	4	0	0	4	0
		0.4	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	100.0	0.0
Tomioka	1,749	23	16	0	3	3	10	12	0	3	9	1
		1.3	69.6	0.0	18.8	18.8	62.5	75.0	0.0	25.0	75.0	11.1
Kawauchi	201	2	1	0	0	1	0	1	0	0	1	0
		1.0	50.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0	0.0
Okuma	1,554	10	10	0	1	5	4	9	0	1	8	2
		0.6	100.0	0.0	10.0	50.0	40.0	90.0	0.0	11.1	88.9	25.0
Futaba	588	2	0	0	0	0	0	0	0	0	0	0
		0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Katsurao	141	2	2	0	2	0	0	2	0	2	0	0
		1.4	100.0	0.0	100.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0
Fukushima	41,971	326	270	5	37	135	93	263	12	51	200	46
		0.8	82.8	1.9	13.7	50.0	34.4	97.4	4.6	19.4	76.0	23.0
Nihonmatsu	7,664	54	44	1	6	21	16	43	1	9	33	4
		0.7	81.5	2.3	13.6	47.7	36.4	97.7	2.3	20.9	76.7	12.1
Motomiya	4,692	31	26	0	1	15	10	21	0	4	17	3
		0.7	83.9	0.0	3.8	57.7	38.5	80.8	0.0	19.0	81.0	17.6
Otama	1,234	4	4	0	0	3	1	4	0	2	2	0
		0.3	100.0	0.0	0.0	75.0	25.0	100.0	0.0	50.0	50.0	0.0
Koriyama	45,589	340	231	2	28	114	87	186	7	38	141	25
		0.7	67.9	0.9	12.1	49.4	37.7	80.5	3.8	20.4	75.8	17.7
Kori	1,571	14	9	0	1	4	4	8	0	2	6	1
		0.9	64.3	0.0	11.1	44.4	44.4	88.9	0.0	25.0	75.0	16.7
Kunimi	1,197	8	6	1	1	0	4	6	0	0	6	0
		0.7	75.0	16.7	16.7	0.0	66.7	100.0	0.0	0.0	100.0	0.0
Tenei	766	11	3	0	0	1	2	2	0	1	1	1
		1.4	27.3	0.0	0.0	33.3	66.7	66.7	0.0	50.0	50.0	100.0
Shirakawa	9,053	55	41	1	4	20	16	36	1	17	18	3
		0.6	74.5	2.4	9.8	48.8	39.0	87.8	2.8	47.2	50.0	16.7
Nishigo	2,996	24	17	0	2	9	6	14	0	6	8	2
		0.8	70.8	0.0	11.8	52.9	35.3	82.4	0.0	42.9	57.1	25.0
Izumizaki	937	2	1	0	0	1	0	1	0	0	1	0
		0.2	50.0	0.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0	0.0
Miharu	2,298	23	13	0	0	10	3	12	1	6	5	0
		1.0	56.5	0.0	0.0	76.9	23.1	92.3	8.3	50.0	41.7	0.0
Subtotal	152,907	1,211	932	14	123	463	332	849	32	205	612	120
		0.8	77.0	1.5	13.2	49.7	35.6	91.1	3.8	24.1	72.1	19.6

h) Excluding participants who have not receive the test results.

Fractions have been rounded and may not total to 100%. Ages are at the time when the participants underwent the testing.

As of 30 September 2015

21

Appendix 6

Surgical cases for malignancy or suspicion of malignancy

1. Target municipalities in FY 2014-2015

Suspicious or malignant: 39 (15 surgical cases: 15 of papillary thyroid carcinoma)

Progress Report of the Comprehensive Health Check

Reported on 30 November 2015

1. The implementation status in FY 2014

◆Results of FY 2014

Progress Report for FY 2011-2014 (Ages 16 and older)

(Unit: person, percentage)

	FY 2011	FY 2012	FY 2013	FY 2014
	Revised value as of 11 Sep 2012	Revised value as of 5 Jul 2013	Revised value as of 1 Sep 2014	Revised value as of 1 Sep 2015
Survey population	182,370	184,910	186,970	188,328
Health Check conducted by municipalities within the prefecture	8,798	23,907	25,604	25,913
Individual examinations conducted within the prefecture	—	6,692	5,806	4,927
Group examinations conducted within the prefecture	41,949	10,603	6,767	5,808
Individual examinations conducted outside the prefecture	3,815	3,055	3,205	3,418
Other ^{1,2}	2,045	3,206	2,017	1,846
Number of overlapping examinees within and outside the prefecture	208	454	359	38
Total (Excluding the number of overlapping examinees)	56,399	47,009	43,040	41,874
Proportion of participants (%)	30.9%	25.4%	23.0%	22.2%

1) conducted within the prefecture (cases where the municipality delegated the examination to medical institutions or county/city medical associations)

2) conducted outside the prefecture (cases where the municipality delegated the examination to examination agencies)

Progress Report for FY 2011-2014 (Ages 15 and younger)

(Unit: person, percentage)

	FY 2011	FY 2012	FY 2013	FY 2014
	Revised value as of 11 Sep 2012	Revised value as of 5 Jul 2013	Revised value as of 1 Sep 2014	Revised value as of 1 Sep 2015
Survey population	27,819	27,077	26,474	25,883
Children's health examination within the prefecture	15,002	9,534	8,432	7,432
Children's health examination outside the prefecture	2,949	2,283	1,822	1,792
Number of overlapping examinees within and outside the prefecture	17	37	6	8
Total (excluding the number of overlapping examinees)	17,934	11,780	10,248	9,216
Proportion of participants (%)	64.5%	43.5%	38.7%	35.6%

【People residing within the prefecture】

For those aged 16 and older, items were added to specific health examinations held by municipalities so that these existing health examinations and the Comprehensive Health Check could be conducted simultaneously. Furthermore, group health examinations were conducted 52 times at 24 locations within the prefecture for those who could not undergo individual check-ups. Also, around the same time period as the group health examinations, 504 facilities cooperated to conduct the Comprehensive Health Check.

For children 15 and under, we requested the cooperation of pediatricians so that children's needs could be accommodated, and health examinations were conducted at 101 medical institutions within the prefecture.

【People living outside the prefecture】

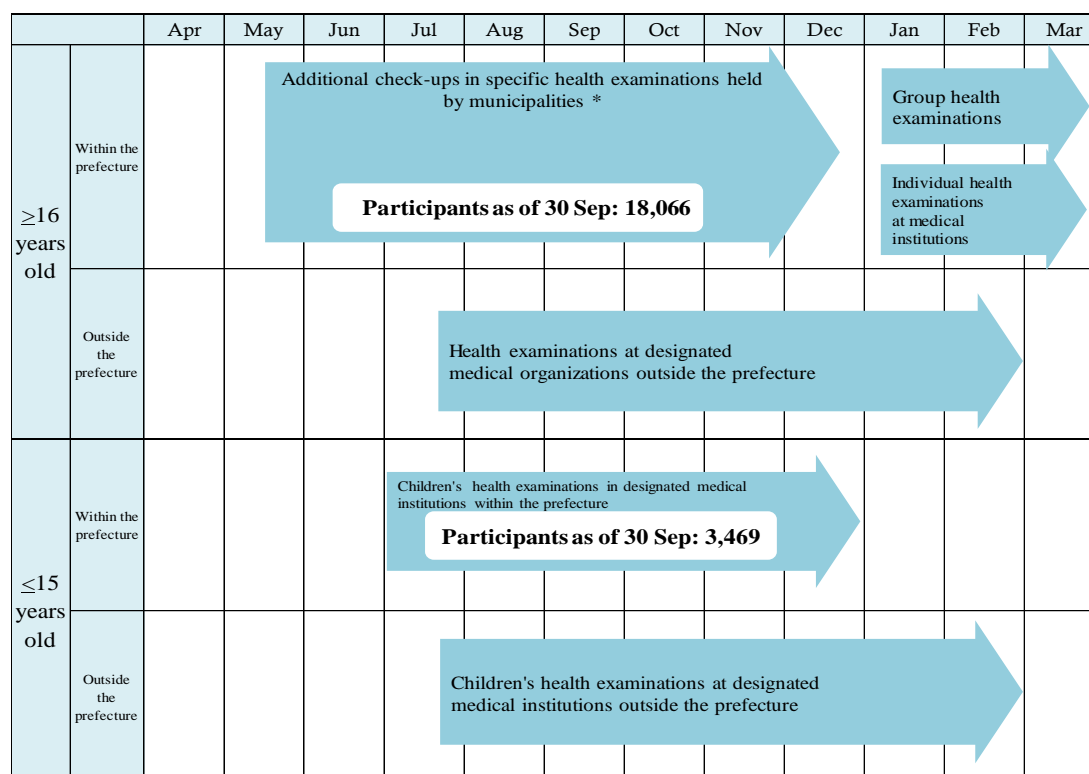
Taking into account the fact that people had evacuated to various locations in the country, health examinations were conducted with the cooperation of a total of 837 medical institutions outside the prefecture. The breakdown of institutions that cooperated is as follows: 432 medical institutions for those 16 and older, and 124 medical institutions with a pediatric department for those 15 and under, as was the case within the prefecture. Furthermore, we received cooperation from 281 medical institutions that could accommodate both age groups.

◆Proportion of participants

The proportion of participants 16 years and older was 22.2% in FY 2014. Compared to 23.0% in FY 2013, it has decreased by 0.8 points. Similarly, the proportion of participants who are 15 and under was 35.6 %, which has decreased by 3.1 points compared to 38.7 % in FY 2013.

2. Implementation status of FY 2015

Group: 215,315 individuals



* Iitate (from 13 May), Tamura (from 25 May), Katsurao (6, 7 Jun), Kawamata (from 17 Jun), Minami-soma (from 6 Jul), Hirono (from 7 Jul), Kawauchi (from 31 Aug), Futaba (from 5 Sep), Namie (from 18 Sep), Naraha (from 28 Sep), Tomioka (from 7 Oct), Okuma (from 20 Oct)

(25,296 individuals aged 15 and under, 190,019 individuals aged 16 and older)

◆ Implementation status of FY 2015

【People residing within the prefecture】

For those aged 16 and older, items are added to specific health check-ups held by municipalities as before, so that examinations can be simultaneously conducted in 12 municipalities except Date city. Furthermore, we plan to conduct group health examinations and individual health examinations at medical institutions. The number of examinees who are 16 and older is 18,066 at this point.

For children aged 15 and under, the health exams are being conducted during an approximately 6-month period from Jul to Dec 2015 as was the case in the previous year (Number of cooperating medical institutions is 99). The number of examinees at this point is 3,469.

【People living outside the prefecture】

In addition to increasing the number of medical institutions that can conduct health examinations nationwide, we have sequentially sent out notices from mid-July in order to ensure early implementation starting from August. Furthermore, we will make efforts to gain cooperation from medical institutions located near regions where a significant number of people have evacuated.

FY 2011-2014 Comprehensive Health Check Health Statistics Reports

Reported on 30 November 2015

【Group】

Residents of nationally designated evacuation zones as of 2011 and those who were recommended to have follow-up based on the results of the Basic Survey.

【Evacuation area, etc.】

All of Tamura City, Minami-Soma city, Kawamata Town, Hirono Town, Naraha Town, Tomioka Town, Kawauchi Village, Okuma Town, Futaba Town, Namie Town, Katsurao Village, Iitate Village and parts of Date City (belonging to designated evacuation areas)

【Examination items】

Age group (years)	Examination Items
0-6 (Infant before entering school)	Height, weight, CBC (Number of red blood cells, hematocrit, hemoglobin, platelet count, number of white blood cells, differential white blood count.)
7-15 (From 1st to 9th grade)	Height, weight, blood pressure, CBC (Number of red blood cells, hematocrit, hemoglobin, platelet count, number of white blood cells, differential white blood count.) [Additional items on request] Blood biochemistry (AST, ALT, γ GT, TG, HDL-C, LDL-C, HbA1c, plasma glucose, serum creatinine, uric acid)
16 and older	Height, weight, abdominal circumference or BMI, blood pressure CBC (Number of red blood cells, hematocrit, hemoglobin, platelet count, number of white blood cells, differential white blood count.) Urinary test (urine protein, urinary sugar, <u>urine occult blood</u>) Blood biochemistry (AST, ALT, γ GT, TG, HDL-C, LDL-C, HbA1c, plasma glucose, <u>serum creatinine</u> , estimated glomerular filtration rate [eGFR], uric acid) The underlined values are not routinely measured during regular health exams.

- Medical examination results are divided into general age categories and, due to differences in medical checkup items, also divided into 5 age groups: 0-6 years old, 7-15 years old, 16-39 years old, 40-64 years old, and 65 years old and above. This is further paired with 2 categories resulting in 10 categories, and the results were compiled for each medical checkup item.
- Individuals who received examination at least twice in the same year have been included in the total results.
- Symbols in the tables are represented in the same way as in Vital Statistics of the Ministry of Health, Labour and Welfare:

When there are no figures (-)

When there are no items (no medical checkup items due to age category) (•)

When it is not appropriate to express the total (...)

When the percentage is small (less than 0.05) (0.0%)

- A statistical analysis has not been conducted.

- Although there are no significant changes in the survey population of FY 2012-2014 from FY 2011, the participants, the time they received their health exams, and the medical organizations differ. Due to such modifying factors, this is not a strict comparison.

Note: Exam schedule for participants aged 15 years old and under

FY 2011: Jan-Mar 2012

FY 2012: Jul-Dec 2012

FY 2013: Jul-Dec 2013

FY 2014: Jul-Dec 2014

Height

FY 2011

Height (cm) (overall)			
Age	Examinees	Average age	Average height
0-6	6,461	3.6	98.5
7-15	11,479	11.0	144.1
16-39	14,762	28.1	163.2
40-64	23,637	54.0	160.0
65-	16,718	73.7	153.5

Height (cm) (male)					
Age	Examinees	Average age	Average height	150 cm and below	170 cm and above
0-6	3,271	3.6	99.2	...	...
7-15	5,766	10.9	145.1	...	...
16-39	5,963	27.7	170.9	0.2%	57.1%
40-64	9,560	54.5	167.5	0.4%	34.2%
65-	7,498	73.4	160.8	3.9%	6.7%

Height (cm) (female)					
Age	Examinees	Average age	Average height	140 cm and below	160 cm and above
0-6	3,190	3.6	97.7	...	...
7-15	5,713	11.0	143.0	...	...
16-39	8,799	28.3	158.0	0.1%	36.4%
40-64	14,077	53.7	154.9	0.4%	18.4%
65-	9,220	73.8	147.6	10.7%	1.6%

FY 2012

Height (cm) (overall)			
Age	Examinees	Average age	Average height
0-6	4,364	3.6	96.3
7-15	7,437	10.9	142.3
16-39	8,480	28.6	163.3
40-64	19,552	55.0	159.9
65-	18,632	73.5	154.0

Height (cm) (male)					
Age	Examinees	Average age	Average height	150 cm and below	170 cm and above
0-6	2,174	3.6	97.0	...	...
7-15	3,810	10.8	143.1	...	...
16-39	3,230	27.9	171.3	0.3%	59.2%
40-64	7,716	55.4	167.5	0.3%	34.6%
65-	8,475	73.4	161.1	3.9%	7.6%

Height (cm) (female)					
Age	Examinees	Average age	Average height	140 cm and below	160 cm and above
0-6	2,190	3.6	95.5	...	...
7-15	3,627	10.9	141.4	...	...
16-39	5,250	29.1	158.3	0.1%	38.3%
40-64	11,836	54.6	154.9	0.5%	18.5%
65-	10,157	73.6	148.0	9.5%	1.7%

Height

FY 2013

Height (cm) (overall)			
Age	Examinees	Average age	Average height
0-6	3,801	3.7	96.5
7-15	6,429	10.8	141.8
16-39	6,535	29.0	163.1
40-64	16,922	55.3	159.8
65-	18,960	73.5	154.3

Height (cm) (male)					
Age	Examinees	Average age	Average height	150 cm and below	170 cm and above
0-6	1,950	3.7	97.0	...	...
7-15	3,291	10.9	143.0	...	...
16-39	2,480	28.3	171.1	0.4%	58.8%
40-64	6,511	55.7	167.6	0.3%	34.8%
65-	8,636	73.4	161.4	3.4%	7.9%

Height (cm) (female)					
Age	Examinees	Average age	Average height	140 cm and below	160 cm and above
0-6	1,851	3.7	95.9	...	...
7-15	3,138	10.8	140.6	...	...
16-39	4,055	29.5	158.2	0.2%	37.2%
40-64	10,411	55.0	155.0	0.5%	19.3%
65-	10,324	73.5	148.4	8.6%	2.1%

FY 2014

Height (cm) (overall)			
Age	Examinees	Average age	Average height
0-6	3,328	3.8	96.9
7-15	5,840	10.9	141.9
16-39	5,842	29.0	163.0
40-64	15,594	55.1	160.0
65-	19,159	73.3	154.6

Height (cm) (male)					
Age	Examinees	Average age	Average height	150 cm and below	170 cm and above
0-6	1,691	3.8	97.5	...	...
7-15	2,989	10.9	143.3	...	...
16-39	2,168	28.0	171.0	0.4%	58.4%
40-64	5,859	55.5	167.9	0.3%	37.0%
65-	8,681	73.3	161.7	3.2%	9.3%

Height (cm) (female)					
Age	Examinees	Average age	Average height	140 cm and below	160 cm and above
0-6	1,637	3.8	96.4	...	...
7-15	2,851	10.8	140.5	...	...
16-39	3,674	29.5	158.3	0.2%	37.6%
40-64	9,735	54.9	155.2	0.4%	19.7%
65-	10,478	73.3	148.8	7.6%	2.3%

Weight

FY 2011

Weight (kg) (overall)			
Age	Examinees	Average age	Average weight
0-6	6,462	3.6	16.1
7-15	11,481	11.0	40.2
16-39	14,761	28.1	60.5
40-64	23,637	54.0	61.2
65-	16,722	73.7	56.8

Weight (kg) (male)					
Age	Number of examinees	Average age	Average weight	50 kg and below	70 kg and above
0-6	3,271	3.6	16.4	...	...
7-15	5,768	10.9	41.0	...	...
16-39	5,963	27.7	68.8	3.8%	39.8%
40-64	9,560	54.5	69.0	1.9%	42.6%
65-	7,499	73.4	62.7	8.1%	20.2%

Weight (kg) (female)					
Age	Examinees	Average age	Average weight	45 kg and below	65 kg and above
0-6	3,191	3.6	15.8	...	...
7-15	5,713	11.0	39.5	...	...
16-39	8,798	28.3	54.8	13.8%	14.1%
40-64	14,077	53.7	56.0	9.1%	15.1%
65-	9,223	73.8	52.1	19.9%	6.9%

FY 2012

Weight (kg) (overall)			
Age	Examinees	Average age	Average weight
0-6	4,365	3.6	15.1
7-15	7,437	10.9	38.3
16-39	8,478	28.6	60.3
40-64	19,553	55.0	61.1
65-	18,638	73.5	56.9

Weight (kg) (male)					
Age	Examinees	Average age	Average weight	50 kg and below	70 kg and above
0-6	2,174	3.6	15.4	...	...
7-15	3,810	10.8	39.0	...	...
16-39	3,230	27.9	69.2	4.4%	40.9%
40-64	7,717	55.4	68.8	2.2%	41.3%
65-	8,479	73.4	62.5	8.5%	20.1%

Weight (kg) (female)					
Age	Examinees	Average age	Average weight	45 kg and below	65 kg and above
0-6	2,191	3.6	14.8	...	...
7-15	3,627	10.9	37.5	...	...
16-39	5,248	29.1	54.9	14.0%	14.3%
40-64	11,836	54.6	56.1	9.4%	15.9%
65-	10,159	73.6	52.2	20.4%	7.3%

Weight

FY 2013

Weight (kg) (overall)			
Age	Examinees	Average age	Average weight
0-6	3,802	3.7	15.2
7-15	6,429	10.8	37.9
16-39	6,534	29.0	60.2
40-64	16,921	55.3	61.0
65-	18,964	73.5	57.1

Weight (kg) (male)					
Age	Examinees	Average age	Average weight	50 kg and below	70 kg and above
0-6	1,951	3.7	15.5	...	...
7-15	3,291	10.9	38.9	...	...
16-39	2,480	28.3	69.0	4.3%	40.6%
40-64	6,511	55.7	69.0	2.1%	42.5%
65-	8,638	73.4	62.7	8.3%	21.0%

Weight (kg) (female)					
Age	Examinees	Average age	Average weight	45 kg and below	65 kg and above
0-6	1,851	3.7	14.9	...	...
7-15	3,138	10.8	36.8	...	...
16-39	4,054	29.5	54.9	14.6%	14.5%
40-64	10,410	55.0	56.1	9.6%	16.2%
65-	10,326	73.5	52.4	19.7%	7.6%

FY 2014

Weight (kg) (overall)			
Age	Examinees	Average age	Average weight
0-6	3,328	3.8	15.3
7-15	5,840	10.9	37.7
16-39	5,836	29.0	60.1
40-64	15,594	55.1	60.9
65-	19,166	73.3	57.1

Weight (kg) (male)					
Age	Examinees	Average age	Average weight	50 kg and below	70 kg and above
0-6	1,691	3.8	15.6	...	...
7-15	2,989	10.9	38.7	...	...
16-39	2,168	28.0	68.7	4.4%	38.7%
40-64	5,859	55.5	68.9	2.2%	42.0%
65-	8,684	73.3	62.8	8.0%	21.3%

Weight (kg) (female)					
Age	Examinees	Average age	Average weight	45 kg and below	65 kg and above
0-6	1,637	3.8	15.1	...	...
7-15	2,851	10.8	36.7	...	...
16-39	3,668	29.5	55.1	14.7%	14.8%
40-64	9,735	54.9	56.0	9.8%	16.2%
65-	10,482	73.3	52.4	19.7%	7.9%

BMI

FY 2011

BMI (weight/height ²) (overall)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	14,761	28.1	22.6	8.0%	22.3%
40-64	23,637	54.0	23.8	2.8%	33.7%
65-	16,717	73.7	24.0	2.5%	37.1%

BMI (weight/height ²) (male)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	5,963	27.7	23.5	4.7%	29.8%
40-64	9,560	54.5	24.6	1.1%	41.6%
65-	7,498	73.4	24.2	1.8%	39.1%

BMI (weight/height ²) (female)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	8,798	28.3	21.9	10.2%	17.2%
40-64	14,077	53.7	23.3	4.0%	28.4%
65-	9,219	73.8	23.9	3.1%	35.4%

FY 2012

BMI (weight/height ²) (overall)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	8,478	28.6	22.5	8.9%	22.3%
40-64	19,551	55.0	23.8	2.9%	33.6%
65-	18,632	73.5	23.9	2.8%	35.2%

BMI (weight/height ²) (male)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	3,230	27.9	23.6	5.2%	30.7%
40-64	7,716	55.4	24.5	1.2%	40.3%
65-	8,475	73.4	24.0	2.0%	36.4%

BMI (weight/height ²) (female)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	5,248	29.1	21.9	11.1%	17.1%
40-64	11,835	54.6	23.4	4.1%	29.2%
65-	10,157	73.6	23.8	3.4%	34.3%

BMI

FY 2013

BMI (weight/height ²) (overall)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	6,534	29.0	22.5	9.1%	22.1%
40-64	16,921	55.3	23.8	3.1%	33.5%
65-	18,960	73.5	23.9	2.9%	35.3%

BMI (weight/height ²) (male)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	2,480	28.3	23.5	5.3%	30.0%
40-64	6,511	55.7	24.5	1.2%	40.9%
65-	8,636	73.4	24.0	2.1%	36.3%

BMI (weight/height ²) (female)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	4,054	29.5	21.9	11.3%	17.3%
40-64	10,410	55.0	23.3	4.2%	28.9%
65-	10,324	73.5	23.8	3.5%	34.4%

FY 2014

BMI (weight/height ²) (overall)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	5,836	29.0	22.5	9.0%	21.8%
40-64	15,594	55.1	23.7	3.6%	32.2%
65-	19,159	73.3	23.8	3.0%	34.3%

BMI (weight/height ²) (male)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	2,168	28.0	23.5	5.5%	29.0%
40-64	5,859	55.5	24.4	1.5%	39.3%
65-	8,681	73.3	24.0	2.3%	35.8%

BMI (weight/height ²) (female)					
Age	Examinees	Average age	Average BMI	Less than 18	25 and above
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	3,668	29.5	22.0	11.1%	17.6%
40-64	9,735	54.9	23.2	4.8%	27.9%
65-	10,478	73.3	23.7	3.6%	33.0%

Abdominal circumference (AC)

FY 2011

AC (cm) (overall)			
Age	Examinees	Average age	Average AC
0-6	.	.	.
7-15	.	.	.
16-39	2,470	29.7	78.0
40-64	23,601	54.0	83.8
65-	10,264	69.9	85.3

AC (cm) (male)				
Age	Examinees	Average age	Average AC	85 cm and above
0-6	.	.	.	.
7-15	.	.	.	.
16-39	867	29.0	82.2	37.3%
40-64	9,546	54.5	86.6	56.0%
65-	4,649	69.8	86.5	58.2%

AC (cm) (female)				
Age	Examinees	Average age	Average AC	90 cm and above
0-6	.	.	.	.
7-15	.	.	.	.
16-39	1,603	30.0	75.8	9.5%
40-64	14,055	53.7	81.9	19.5%
65-	5,615	70.1	84.4	26.7%

FY 2012

AC (cm) (overall)			
Age	Examinees	Average age	Average AC
0-6	.	.	.
7-15	.	.	.
16-39	1,971	30.0	77.6
40-64	19,506	55.0	84.0
65-	11,859	69.8	85.2

AC (cm) (male)				
Age	Examinees	Average age	Average AC	85 cm and above
0-6	.	.	.	.
7-15	.	.	.	.
16-39	732	29.4	81.4	36.3%
40-64	7,704	55.4	86.6	56.2%
65-	5,415	69.7	86.2	56.4%

AC (cm) (female)				
Age	Examinees	Average age	Average AC	90 cm and above
0-6	.	.	.	.
7-15	.	.	.	.
16-39	1,239	30.4	75.4	8.6%
40-64	11,802	54.7	82.3	20.8%
65-	6,444	69.9	84.3	26.6%

AC

FY 2013

AC (cm) (overall)			
Age	Examinees	Average age	Average AC
0-6	.	.	.
7-15	.	.	.
16-39	1,561	30.0	77.2
40-64	16,904	55.3	83.8
65-	11,958	69.6	85.1

AC (cm) (male)				
Age	Examinees	Average age	Average AC	85 cm and above
0-6	.	.	.	.
7-15	.	.	.	.
16-39	584	29.6	80.4	31.7%
40-64	6,504	55.7	86.4	55.6%
65-	5,454	69.5	86.1	55.6%

AC (cm) (female)				
Age	Examinees	Average age	Average AC	90 cm and above
0-6	.	.	.	.
7-15	.	.	.	.
16-39	977	30.2	75.2	8.6%
40-64	10,400	55.0	82.1	20.7%
65-	6,504	69.7	84.2	26.9%

FY 2014

AC (cm) (overall)			
Age	Examinees	Average age	Average AC
0-6	.	.	.
7-15	.	.	.
16-39	1,450	29.6	77.0
40-64	15,584	55.1	83.8
65-	12,412	69.6	85.1

AC (cm) (male)				
Age	Examinees	Average age	Average AC	85 cm and above
0-6	.	.	.	.
7-15	.	.	.	.
16-39	534	29.1	80.6	32.0%
40-64	5,855	55.5	86.5	55.3%
65-	5,593	69.5	86.2	56.2%

AC (cm) (female)				
Age	Examinees	Average age	Average AC	90 cm and above
0-6	.	.	.	.
7-15	.	.	.	.
16-39	916	29.9	74.9	8.5%
40-64	9,729	54.9	82.2	20.7%
65-	6,819	69.6	84.2	26.4%

Systolic blood pressure

FY 2011

Systolic blood pressure (mmHg) (overall)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	11,414	11.0	107.4	0.6%
16-39	14,757	28.1	113.7	3.3%
40-64	23,633	54.0	127.7	22.5%
65-	16,726	73.7	136.6	41.6%

Systolic blood pressure (mmHg) (male)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	5,728	10.9	108.6	0.9%
16-39	5,963	27.7	118.8	5.8%
40-64	9,559	54.5	130.8	27.5%
65-	7,497	73.4	137.2	43.1%

Systolic blood pressure (mmHg) (female)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	5,686	11.0	106.3	0.2%
16-39	8,794	28.3	110.2	1.6%
40-64	14,074	53.7	125.7	19.1%
65-	9,229	73.8	136.1	40.4%

FY 2012

Systolic blood pressure (mmHg) (overall)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	7,379	10.9	105.1	0.2%
16-39	8,480	28.6	112.1	2.7%
40-64	19,551	55.0	125.2	17.5%
65-	18,642	73.5	133.2	32.9%

Systolic blood pressure (mmHg) (male)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	3,778	10.8	106.2	0.4%
16-39	3,230	27.9	117.6	4.9%
40-64	7,716	55.4	128.2	21.5%
65-	8,479	73.4	133.8	34.2%

Systolic blood pressure (mmHg) (female)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	3,601	11.0	104.1	0.1%
16-39	5,250	29.1	108.8	1.3%
40-64	11,835	54.6	123.2	14.9%
65-	10,163	73.6	132.7	31.8%

Systolic blood pressure

FY 2013

Systolic blood pressure (mmHg) (overall)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	6,404	10.8	105.2	0.2%
16-39	6,536	29.0	111.4	2.2%
40-64	16,922	55.3	124.1	15.3%
65-	18,969	73.5	131.2	28.1%

Systolic blood pressure (mmHg) (male)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	3,276	10.9	106.3	0.3%
16-39	2,480	28.3	116.9	4.2%
40-64	6,513	55.7	127.3	19.0%
65-	8,642	73.4	131.7	29.4%

Systolic blood pressure (mmHg) (female)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	3,128	10.8	104.1	0.1%
16-39	4,056	29.5	108.1	1.0%
40-64	10,409	55.0	122.1	12.9%
65-	10,327	73.5	130.7	27.0%

FY 2014

Systolic blood pressure (mmHg) (overall)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	5,827	10.9	105.0	0.3%
16-39	5,843	29.0	110.8	2.3%
40-64	15,590	55.1	123.2	13.7%
65-	19,164	73.3	129.7	23.8%

Systolic blood pressure (mmHg) (male)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	2,983	10.9	106.2	0.4%
16-39	2,168	28.0	116.3	4.1%
40-64	5,858	55.5	126.3	17.4%
65-	8,683	73.3	130.2	25.1%

Systolic blood pressure (mmHg) (female)				
Age	Examinees	Average age	Average systolic blood pressure	140 mmHg and above
0-6	.	.	.	.
7-15	2,844	10.9	103.8	0.1%
16-39	3,675	29.5	107.5	1.3%
40-64	9,732	54.9	121.3	11.5%
65-	10,481	73.3	129.3	22.7%

Diastolic blood pressure

FY 2011

Diastolic blood pressure (mmHg) (overall)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	11,411	11.0	62.4	0.6%
16-39	14,757	28.1	69.0	3.7%
40-64	23,633	54.0	78.8	17.0%
65-	16,726	73.7	78.6	15.0%

Diastolic blood pressure (mmHg) (male)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	5,727	10.9	62.6	0.8%
16-39	5,963	27.7	72.3	6.6%
40-64	9,559	54.5	81.8	24.1%
65-	7,497	73.4	79.7	17.9%

Diastolic blood pressure (mmHg) (female)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	5,684	11.0	62.2	0.4%
16-39	8,794	28.3	66.7	1.7%
40-64	14,074	53.7	76.8	12.2%
65-	9,229	73.8	77.7	12.6%

FY 2012

Diastolic blood pressure (mmHg) (overall)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	7,379	10.9	60.9	0.3%
16-39	8,478	28.6	67.6	2.8%
40-64	19,551	55.0	76.9	13.1%
65-	18,642	73.5	76.3	10.5%

Diastolic blood pressure (mmHg) (male)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	3,778	10.8	61.2	0.4%
16-39	3,230	27.9	70.7	4.8%
40-64	7,716	55.4	79.9	18.5%
65-	8,479	73.4	77.4	12.5%

Diastolic blood pressure (mmHg) (female)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	3,601	11.0	60.6	0.3%
16-39	5,248	29.1	65.8	1.5%
40-64	11,835	54.6	75.0	9.6%
65-	10,163	73.6	75.4	8.7%

Diastolic blood pressure

FY 2013

Diastolic blood pressure (mmHg) (overall)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	6,403	10.9	61.3	0.5%
16-39	6,536	29.0	67.5	2.5%
40-64	16,922	55.3	76.2	11.1%
65-	18,969	73.5	75.0	8.1%

Diastolic blood pressure (mmHg) (male)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	3,276	10.9	61.5	0.6%
16-39	2,480	28.3	70.7	4.7%
40-64	6,513	55.7	79.1	16.4%
65-	8,642	73.4	76.0	9.6%

Diastolic blood pressure (mmHg) (female)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	3,127	10.8	61.2	0.4%
16-39	4,056	29.5	65.5	1.2%
40-64	10,409	55.0	74.3	7.7%
65-	10,327	73.5	74.2	6.7%

FY 2014

Diastolic blood pressure (mmHg) (overall)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	5,827	10.9	61.0	0.5%
16-39	5,843	29.0	66.9	2.4%
40-64	15,590	55.1	75.4	9.6%
65-	19,163	73.3	74.4	6.2%

Diastolic blood pressure (mmHg) (male)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	2,983	10.9	61.4	0.7%
16-39	2,168	28.0	70.2	4.3%
40-64	5,858	55.5	78.4	14.4%
65-	8,683	73.3	75.3	7.6%

Diastolic blood pressure (mmHg) (female)				
Age	Examinees	Average age	Average diastolic blood pressure	90 mmHg and above
0-6	.	.	.	.
7-15	2,844	10.9	60.6	0.2%
16-39	3,675	29.5	64.9	1.4%
40-64	9,732	54.9	73.5	6.6%
65-	10,480	73.3	73.6	5.1%

Urinary sugar

FY 2011

Urinary sugar (overall)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	14,642	28.1	0.7%
40-64	23,578	54.1	2.7%
65-	16,678	73.7	3.2%

Urinary sugar (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	5,963	27.7	1.1%
40-64	9,558	54.5	4.9%
65-	7,486	73.4	5.0%

Urinary sugar (female)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	8,679	28.4	0.5%
40-64	14,020	53.7	1.3%
65-	9,192	73.8	1.7%

FY 2012

Urinary sugar (overall)			
Age	Examinees	Average age	(1+) and above
0-6	•	•	•
7-15	•	•	•
16-39	8,400	28.6	0.7%
40-64	19,514	55.0	2.2%
65-	18,606	73.5	2.3%

Urinary sugar (male)			
Age	Examinees	Average age	(1+) and above
0-6	•	•	•
7-15	•	•	•
16-39	3,228	27.9	1.0%
40-64	7,709	55.4	4.1%
65-	8,463	73.4	3.7%

Urinary sugar (female)			
Age	Examinees	Average age	(1+) and above
0-6	•	•	•
7-15	•	•	•
16-39	5,172	29.1	0.5%
40-64	11,805	54.7	1.0%
65-	10,143	73.6	1.1%

Urinary sugar

FY 2013

Urinary sugar (overall)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	6,489	29.0	0.7%
40-64	16,879	55.3	1.9%
65-	18,863	73.4	2.0%

Urinary sugar (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	2,476	28.3	1.1%
40-64	6,501	55.7	3.6%
65-	8,595	73.4	3.3%

Urinary sugar (female)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	4,013	29.5	0.4%
40-64	10,378	55.0	0.9%
65-	10,268	73.5	1.0%

FY 2014

Urinary sugar (overall)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	5,797	29.0	0.5%
40-64	15,551	55.1	2.0%
65-	19,088	73.3	1.9%

Urinary sugar (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	2,166	28.0	0.6%
40-64	5,854	55.5	3.9%
65-	8,661	73.3	3.3%

Urinary sugar (female)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	3,631	29.6	0.4%
40-64	9,697	54.9	0.8%
65-	10,427	73.2	0.8%

Urine protein

FY 2011

Urine protein (overall)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	14,642	28.1	1.1%
40-64	23,577	54.1	1.4%
65-	16,678	73.7	2.4%

Urine protein (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	5,963	27.7	1.1%
40-64	9,557	54.5	2.2%
65-	7,486	73.4	3.5%

Urine protein (female)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	8,679	28.4	1.1%
40-64	14,020	53.7	0.8%
65-	9,192	73.8	1.5%

FY 2012

Urine protein (overall)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	8,400	28.6	2.2%
40-64	19,515	55.0	1.7%
65-	18,606	73.5	2.7%

Urine protein (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	3,228	27.9	2.2%
40-64	7,709	55.4	2.6%
65-	8,463	73.4	3.8%

Urine protein (female)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	5,172	29.1	2.2%
40-64	11,806	54.7	1.1%
65-	10,143	73.6	1.8%

Urine protein

FY 2013

Urine protein (overall)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	6,489	29.0	2.4%
40-64	16,878	55.3	1.6%
65-	18,863	73.4	2.6%

Urine protein (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	2,476	28.3	2.3%
40-64	6,501	55.7	2.4%
65-	8,595	73.4	3.8%

Urine protein (female)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	4,013	29.5	2.5%
40-64	10,377	55.0	1.1%
65-	10,268	73.5	1.6%

FY 2014

Urine protein (overall)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	5,797	29.0	2.5%
40-64	15,551	55.1	1.6%
65-	19,088	73.3	2.5%

Urine protein (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	2,166	28.0	2.5%
40-64	5,854	55.5	2.5%
65-	8,661	73.3	3.7%

Urine protein (female)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	3,631	29.6	2.5%
40-64	9,697	54.9	1.0%
65-	10,427	73.2	1.4%

Urine occult blood

FY 2011

Urine occult blood (overall)				
Age	Examinees	Average age	(1+) and above	(1+) and above and during time periods other than menstruation.
0-6	.	.	.	.
7-15	.	.	.	.
16-39	14,630	28.1	6.9%	3.0%
40-64	23,571	54.1	7.1%	5.6%
65-	16,678	73.7	7.4%	7.4%

Urine occult blood (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	5,960	27.7	1.2%
40-64	9,558	54.5	3.5%
65-	7,486	73.4	5.5%

Urine occult blood (female)				
Age	Examinees	Average age	(1+) and above	(1+) and above and during time periods other than menstruation.
0-6	.	.	.	.
7-15	.	.	.	.
16-39	8,670	28.4	10.7%	4.2%
40-64	14,013	53.7	9.6%	7.0%
65-	9,192	73.8	8.9%	8.9%

FY 2012

Urine occult blood (overall)				
Age	Examinees	Average age	(1+) and above	(1+) and above and during time periods other than menstruation.
0-6	.	.	.	.
7-15	.	.	.	.
16-39	8,400	28.6	7.2%	3.2%
40-64	19,510	55.0	6.8%	5.5%
65-	18,592	73.5	6.9%	6.9%

Urine occult blood (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	3,228	27.9	1.4%
40-64	7,707	55.4	3.6%
65-	8,459	73.4	4.9%

Urine occult blood (female)				
Age	Examinees	Average age	(1+) and above	(1+) and above and during time periods other than menstruation.
0-6	.	.	.	.
7-15	.	.	.	.
16-39	5,172	29.1	10.9%	4.2%
40-64	11,803	54.7	8.9%	6.8%
65-	10,133	73.6	8.5%	8.5%

Urine occult blood

FY 2013

Urine occult blood (overall)				
Age	Examinees	Average age	(1+) and above	(1+) and above and during time periods other than menstruation.
0-6	.	.	.	.
7-15	.	.	.	.
16-39	6,488	29.0	7.0%	3.2%
40-64	16,878	55.3	6.8%	5.8%
65-	18,863	73.4	6.4%	6.4%

Urine occult blood (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	2,476	28.3	1.4%
40-64	6,501	55.7	3.0%
65-	8,595	73.4	4.5%

Urine occult blood (female)				
Age	Examinees	Average age	(1+) and above	(1+) and above and during time periods other than menstruation.
0-6	.	.	.	.
7-15	.	.	.	.
16-39	4,012	29.5	10.4%	4.3%
40-64	10,377	55.0	9.1%	7.5%
65-	10,268	73.5	8.0%	7.9%

FY 2014

Urine occult blood (overall)				
Age	Examinees	Average age	(1+) and above	(1+) and above and during time periods other than menstruation.
0-6	.	.	.	.
7-15	.	.	.	.
16-39	5,796	29.0	6.9%	3.2%
40-64	15,548	55.1	6.6%	5.3%
65-	19,089	73.3	6.2%	6.2%

Urine occult blood (male)			
Age	Examinees	Average age	(1+) and above
0-6	.	.	.
7-15	.	.	.
16-39	2,166	28.0	0.8%
40-64	5,854	55.5	3.1%
65-	8,661	73.3	4.1%

Urine occult blood (female)				
Age	Examinees	Average age	(1+) and above	(1+) and above and during time periods other than menstruation.
0-6	.	.	.	.
7-15	.	.	.	.
16-39	3,630	29.6	10.6%	4.6%
40-64	9,694	54.9	8.6%	6.6%
65-	10,428	73.2	7.9%	7.9%

Serum creatinine

FY 2011

Serum creatinine (mg/dL) (overall)			
Age	Examinees	Average age	Average serum creatinine
0-6	.	.	.
7-15	11,100	11.0	0.47
16-39	14,755	28.1	0.70
40-64	23,651	54.0	0.73
65-	16,724	73.7	0.78

Serum creatinine (mg/dL) (male)					
Age	Examinees	Average age	Average serum creatinine	1.15 mg/dL and above	1.35 mg/dL and above
0-6	.	.	.	.	.
7-15	5,588	10.9	0.49	0.0%	0.0%
16-39	5,965	27.7	0.83	0.4%	0.1%
40-64	9,562	54.5	0.86	2.4%	0.8%
65-	7,496	73.4	0.91	7.6%	2.5%

Serum creatinine (mg/dL) (female)					
Age	Examinees	Average age	Average serum creatinine	0.95 mg/dL and above	1.15 mg/dL and above
0-6	.	.	.	.	.
7-15	5,512	11.0	0.45	-	-
16-39	8,790	28.3	0.62	0.2%	0.0%
40-64	14,089	53.7	0.64	0.8%	0.3%
65-	9,228	73.8	0.69	4.4%	1.3%

FY 2012

Serum creatinine (mg/dL) (overall)			
Age	Examinees	Average age	Average serum creatinine
0-6	.	.	.
7-15	7,212	10.9	0.48
16-39	8,478	28.6	0.70
40-64	19,549	55.0	0.73
65-	18,635	73.5	0.79

Serum creatinine (mg/dL) (male)					
Age	Examinees	Average age	Average serum creatinine	1.15 mg/dL and above	1.35 mg/dL and above
0-6	.	.	.	.	.
7-15	3,694	10.9	0.49	-	-
16-39	3,230	27.9	0.83	0.4%	0.1%
40-64	7,717	55.4	0.86	2.7%	0.9%
65-	8,475	73.4	0.91	8.3%	2.9%

Serum creatinine (mg/dL) (female)					
Age	Examinees	Average age	Average serum creatinine	0.95 mg/dL and above	1.15 mg/dL and above
0-6	.	.	.	.	.
7-15	3,518	11.0	0.46	-	-
16-39	5,248	29.1	0.61	0.1%	-
40-64	11,832	54.6	0.65	0.8%	0.3%
65-	10,160	73.6	0.69	4.5%	1.6%

Serum creatinine

FY 2013

Serum creatinine (mg/dL) (overall)			
Age	Examinees	Average age	Average serum creatinine
0-6	.	.	.
7-15	6,095	10.9	0.47
16-39	6,535	29.0	0.70
40-64	16,921	55.3	0.73
65-	18,954	73.5	0.80

Serum creatinine (mg/dL) (male)					
Age	Examinees	Average age	Average serum creatinine	1.15 mg/dL and above	1.35 mg/dL and above
0-6	.	.	.	.	.
7-15	3,117	10.9	0.49	-	-
16-39	2,479	28.3	0.83	0.6%	0.2%
40-64	6,510	55.7	0.86	2.4%	0.6%
65-	8,635	73.4	0.91	9.0%	3.2%

Serum creatinine (mg/dL) (female)					
Age	Examinees	Average age	Average serum creatinine	0.95 mg/dL and above	1.15 mg/dL and above
0-6	.	.	.	.	.
7-15	2,978	10.9	0.45	-	-
16-39	4,056	29.5	0.62	0.1%	0.0%
40-64	10,411	55.0	0.65	0.9%	0.3%
65-	10,319	73.5	0.70	5.1%	1.5%

FY 2014

Serum creatinine (mg/dL) (overall)			
Age	Examinees	Average age	Average serum creatinine
0-6	.	.	.
7-15	5,703	10.9	0.49
16-39	5,843	29.0	0.70
40-64	15,591	55.1	0.74
65-	19,156	73.3	0.80

Serum creatinine (mg/dL) (male)					
Age	Examinees	Average age	Average serum creatinine	1.15 mg/dL and above	1.35 mg/dL and above
0-6	.	.	.	.	.
7-15	2,912	10.9	0.51	-	-
16-39	2,168	28.0	0.84	0.5%	0.1%
40-64	5,858	55.5	0.87	3.1%	0.9%
65-	8,677	73.3	0.92	9.9%	3.4%

Serum creatinine (mg/dL) (female)					
Age	Examinees	Average age	Average serum creatinine	0.95 mg/dL and above	1.15 mg/dL and above
0-6	.	.	.	.	.
7-15	2,791	10.9	0.47	-	-
16-39	3,675	29.5	0.62	0.1%	0.0%
40-64	9,733	54.9	0.66	0.9%	0.4%
65-	10,479	73.3	0.71	5.0%	1.5%

eGFR

FY 2011

eGFR (mL/min/1.73 m ²) (overall)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	14,753	28.1	96.2	0.1%	0.2%
40-64	23,651	54.0	76.9	1.2%	6.6%
65-	16,724	73.7	66.6	9.0%	28.6%

eGFR (mL/min/1.73 m ²) (male)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	5,964	27.7	95.1	0.1%	0.3%
40-64	9,562	54.5	76.2	1.5%	7.7%
65-	7,496	73.4	67.1	8.7%	27.1%

eGFR (mL/min/1.73 m ²) (female)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	8,789	28.3	97.0	0.1%	0.2%
40-64	14,089	53.7	77.3	0.9%	6.0%
65-	9,228	73.8	66.2	9.2%	29.7%

eGFR (mL/min/1.73 m ²) (overall)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	8,478	28.6	96.3	0.1%	0.3%
40-64	19,549	55.0	75.9	1.4%	8.5%
65-	18,635	73.5	66.2	9.6%	30.7%

eGFR (mL/min/1.73 m ²) (male)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	3,230	27.9	95.4	0.1%	0.3%
40-64	7,717	55.4	76.1	1.7%	8.6%
65-	8,475	73.4	66.9	9.3%	28.5%

eGFR (mL/min/1.73 m ²) (female)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	5,248	29.1	96.8	0.0%	0.2%
40-64	11,832	54.6	75.8	1.1%	8.5%
65-	10,160	73.6	65.6	9.9%	32.4%

eGFR

FY 2013

eGFR (mL/min/1.73 m ²) (overall)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	6,535	29.0	95.5	0.1%	0.3%
40-64	16,919	55.3	75.4	1.3%	9.0%
65-	18,954	73.5	65.5	10.5%	32.5%

eGFR (mL/min/1.73 m ²) (male)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	2,479	28.3	95.1	0.2%	0.4%
40-64	6,508	55.7	75.6	1.4%	8.8%
65-	8,635	73.4	66.3	10.2%	30.1%

eGFR (mL/min/1.73 m ²) (female)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	4,056	29.5	95.8	0.1%	0.2%
40-64	10,411	55.0	75.3	1.2%	9.1%
65-	10,319	73.5	64.8	10.8%	34.5%

FY 2014

eGFR (mL/min/1.73 m ²) (overall)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	5,843	29.0	95.4	0.1%	0.4%
40-64	15,591	55.1	74.6	1.5%	9.9%
65-	19,156	73.3	64.8	11.2%	34.0%

eGFR (mL/min/1.73 m ²) (male)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	2,168	28.0	94.9	0.1%	0.3%
40-64	5,858	55.5	74.8	1.9%	10.1%
65-	8,677	73.3	65.5	11.1%	32.1%

eGFR (mL/min/1.73 m ²) (female)					
Age	Examinees	Average age	Average eGFR	Less than 50 ml/min. /1.73 m ²	Less than 60 ml/min. /1.73 m ²
0-6	.	.	.	.	.
7-15	.	.	.	.	.
16-39	3,675	29.5	95.7	0.1%	0.4%
40-64	9,733	54.9	74.5	1.2%	9.7%
65-	10,479	73.3	64.3	11.2%	35.5%

Fasting plasma glucose

FY 2011

Fasting plasma glucose (mg/dL) (overall)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	11,063	11.0	88.6	2.4%	0.3%	0.1%
16-39	12,929	28.0	89.0	1.9%	0.8%	0.5%
40-64	21,027	54.1	99.9	15.1%	5.7%	2.5%
65-	14,744	73.6	105.5	26.1%	9.4%	3.1%

Fasting plasma glucose (mg/dL) (male)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	5,569	10.9	89.4	2.4%	0.3%	0.1%
16-39	5,204	27.6	91.1	2.9%	1.2%	0.7%
40-64	8,370	54.5	104.6	22.5%	9.0%	3.8%
65-	6,575	73.4	108.2	31.7%	11.9%	3.8%

Fasting plasma glucose (mg/dL) (female)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	5,494	11.0	87.7	2.3%	0.3%	0.1%
16-39	7,725	28.3	87.6	1.2%	0.5%	0.3%
40-64	12,657	53.8	96.8	10.3%	3.5%	1.7%
65-	8,169	73.7	103.3	21.6%	7.4%	2.5%

Fasting plasma glucose (mg/dL) (overall)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	5,687	11.0	86.3	0.7%	0.1%	0.0%
16-39	7,289	28.6	88.0	1.9%	0.8%	0.5%
40-64	17,040	55.0	98.5	14.2%	5.3%	2.0%
65-	15,855	73.4	102.7	21.8%	7.5%	2.1%

Fasting plasma glucose (mg/dL) (male)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	2,908	11.0	87.1	0.7%	0.0%	0.0%
16-39	2,744	27.8	90.0	2.7%	1.1%	0.7%
40-64	6,639	55.4	103.2	21.5%	8.7%	3.3%
65-	7,189	73.3	105.2	26.7%	9.7%	2.8%

Fasting plasma glucose (mg/dL) (female)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	2,779	11.1	85.4	0.6%	0.1%	-
16-39	4,545	29.2	86.8	1.4%	0.6%	0.5%
40-64	10,401	54.7	95.5	9.5%	3.1%	1.2%
65-	8,666	73.4	100.6	17.8%	5.6%	1.5%

Fasting plasma glucose

FY 2013

Fasting plasma glucose (mg/dL) (overall)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	4,483	11.0	86.7	0.5%	0.0%	0.0%
16-39	5,470	29.0	88.5	1.9%	0.7%	0.5%
40-64	14,749	55.3	98.7	14.6%	5.2%	1.7%
65-	16,158	73.2	102.7	22.4%	7.4%	1.8%

Fasting plasma glucose (mg/dL) (male)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	2,296	11.0	87.6	0.6%	0.0%	0.0%
16-39	2,032	28.1	90.8	3.0%	1.4%	0.9%
40-64	5,562	55.7	103.1	22.1%	8.5%	2.8%
65-	7,363	73.1	105.5	28.0%	9.6%	2.5%

Fasting plasma glucose (mg/dL) (female)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	2,187	11.0	85.9	0.5%	0.0%	-
16-39	3,438	29.5	87.2	1.3%	0.3%	0.2%
40-64	9,187	55.0	95.9	10.1%	3.2%	1.1%
65-	8,795	73.2	100.4	17.7%	5.5%	1.3%

FY 2014

Fasting plasma glucose (mg/dL) (overall)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	4,261	11.0	87.2	0.4%	0.0%	0.0%
16-39	5,129	28.9	88.4	2.0%	0.8%	0.4%
40-64	13,911	55.1	98.9	14.5%	5.2%	1.7%
65-	16,337	73.0	103.3	23.5%	7.6%	1.6%

Fasting plasma glucose (mg/dL) (male)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	2,189	11.0	88.1	0.3%	-	-
16-39	1,865	27.9	90.2	3.1%	0.9%	0.5%
40-64	5,166	55.5	103.5	22.0%	8.7%	2.7%
65-	7,372	73.1	106.2	29.9%	10.2%	2.2%

Fasting plasma glucose (mg/dL) (female)						
Age	Examinees	Average age	Average fasting plasma glucose	110 mg/dL and above	130 mg/dL and above	160 mg/dL and above
0-6	.	.	.	.	.	.
7-15	2,072	11.0	86.2	0.5%	0.1%	0.0%
16-39	3,264	29.5	87.4	1.4%	0.7%	0.3%
40-64	8,745	54.8	96.2	10.1%	3.1%	1.1%
65-	8,965	73.0	101.0	18.3%	5.4%	1.1%

HbA1c (NGSP)

FY 2011

HbA1c (%) (NGSP) (overall)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	11,084	11.0	5.3	1.0%	0.1%	0.0%
16-39	14,755	28.1	5.1	1.6%	0.7%	0.4%
40-64	23,650	54.0	5.5	11.8%	3.8%	1.8%
65-	16,723	73.7	5.6	18.7%	4.7%	1.8%

HbA1c (%) (NGSP) (male)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	5,578	10.9	5.3	1.2%	0.1%	0.1%
16-39	5,966	27.7	5.1	2.1%	1.0%	0.7%
40-64	9,562	54.5	5.5	16.1%	5.7%	2.6%
65-	7,496	73.4	5.7	22.4%	5.9%	2.2%

HbA1c (%) (NGSP) (female)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	5,506	11.0	5.3	0.9%	0.1%	0.0%
16-39	8,789	28.3	5.1	1.2%	0.5%	0.3%
40-64	14,088	53.7	5.4	8.9%	2.6%	1.2%
65-	9,227	73.8	5.6	15.8%	3.7%	1.4%

FY 2012

HbA1c (%) (NGSP) (overall)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	7,283	10.9	5.3	0.6%	0.1%	0.0%
16-39	8,478	28.6	5.2	2.0%	0.7%	0.5%
40-64	19,552	55.0	5.5	13.2%	3.5%	1.5%
65-	18,638	73.5	5.7	20.3%	3.9%	1.3%

HbA1c (%) (NGSP) (male)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	3,711	10.9	5.3	0.8%	0.1%	0.1%
16-39	3,229	27.9	5.2	2.6%	0.7%	0.5%
40-64	7,717	55.4	5.6	17.2%	5.1%	2.3%
65-	8,476	73.4	5.7	22.9%	5.1%	1.6%

HbA1c (%) (NGSP) (female)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	3,527	11.0	5.3	0.5%	0.1%	-
16-39	5,249	29.1	5.2	1.6%	0.6%	0.5%
40-64	11,835	54.6	5.5	10.6%	2.4%	1.0%
65-	10,162	73.6	5.6	18.2%	3.0%	1.1%

HbA1c (NGSP)

FY 2013

HbA1c (%) (NGSP) (overall)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	6,290	10.9	5.3	0.5%	0.0%	0.0%
16-39	6,536	29.0	5.2	2.2%	0.6%	0.4%
40-64	16,919	55.3	5.6	15.4%	3.7%	1.5%
65-	18,956	73.5	5.8	24.0%	4.5%	1.2%

HbA1c (%) (NGSP) (male)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	3,218	10.9	5.3	0.4%	0.1%	0.0%
16-39	2,480	28.3	5.2	2.8%	0.8%	0.7%
40-64	6,508	55.7	5.7	18.9%	5.4%	2.2%
65-	8,637	73.4	5.8	26.7%	5.6%	1.4%

HbA1c (%) (NGSP) (female)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	3,072	10.9	5.3	0.6%	-	-
16-39	4,056	29.5	5.2	1.8%	0.4%	0.3%
40-64	10,411	55.0	5.6	13.2%	2.7%	1.1%
65-	10,319	73.5	5.7	21.8%	3.5%	1.0%

FY 2014

HbA1c (%) (NGSP) (overall)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	5,706	10.9	5.3	0.6%	0.1%	0.0%
16-39	5,843	29.0	5.3	2.3%	0.7%	0.3%
40-64	15,588	55.1	5.6	14.4%	3.3%	1.2%
65-	19,152	73.3	5.7	22.9%	4.0%	1.0%

HbA1c (%) (NGSP) (male)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	2,917	10.9	5.3	0.8%	0.1%	0.0%
16-39	2,168	28.0	5.3	2.6%	1.0%	0.5%
40-64	5,856	55.5	5.7	18.1%	5.1%	1.9%
65-	8,675	73.3	5.7	25.3%	5.0%	1.3%

HbA1c (%) (NGSP) (female)						
Age	Examinees	Average age	Average HbA1c	6.0% and above	7.0% and above	8.0% and above
0-6	.	.	.	.	.	.
7-15	2,789	10.9	5.3	0.5%	0.1%	0.0%
16-39	3,675	29.5	5.3	2.1%	0.5%	0.2%
40-64	9,732	54.9	5.6	12.2%	2.3%	0.8%
65-	10,477	73.3	5.7	21.0%	3.1%	0.8%

HDL-C

FY 2011

HDL-C (mg/dL) (overall)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	11,101	11.0	62.5	2.9%
16-39	14,757	28.1	62.1	4.0%
40-64	23,651	54.0	61.4	5.8%
65-	16,725	73.7	57.6	8.5%

HDL-C (mg/dL) (male)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	5,586	10.9	62.2	3.1%
16-39	5,966	27.7	56.2	7.5%
40-64	9,562	54.5	55.7	10.6%
65-	7,496	73.4	54.2	13.3%

HDL-C (mg/dL) (female)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	5,515	11.0	62.7	2.8%
16-39	8,791	28.3	66.1	1.7%
40-64	14,089	53.7	65.3	2.5%
65-	9,229	73.8	60.4	4.6%

FY 2012

HDL-C (mg/dL) (overall)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	7,243	10.9	61.3	2.7%
16-39	8,479	28.6	62.0	4.3%
40-64	19,551	55.0	60.7	6.4%
65-	18,638	73.5	57.2	8.7%

HDL-C (mg/dL) (male)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	3,711	10.9	61.4	3.1%
16-39	3,230	27.9	55.9	8.1%
40-64	7,716	55.4	55.6	11.6%
65-	8,476	73.4	54.0	13.0%

HDL-C (mg/dL) (female)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	3,532	11.0	61.1	2.3%
16-39	5,249	29.1	65.7	1.9%
40-64	11,835	54.6	64.1	3.0%
65-	10,162	73.6	59.8	5.1%

HDL-C

FY 2013

HDL-C (mg/dL) (overall)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	6,291	10.9	61.5	2.9%
16-39	6,536	29.0	62.2	4.1%
40-64	16,921	55.3	61.7	5.5%
65-	18,957	73.5	58.0	7.6%

HDL-C (mg/dL) (male)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	3,219	10.9	61.7	3.1%
16-39	2,480	28.3	56.0	8.1%
40-64	6,510	55.7	56.1	10.5%
65-	8,637	73.4	54.7	11.7%

HDL-C (mg/dL) (female)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	3,072	10.9	61.3	2.7%
16-39	4,056	29.5	65.9	1.7%
40-64	10,411	55.0	65.2	2.4%
65-	10,320	73.5	60.8	4.2%

FY 2014

HDL-C (mg/dL) (overall)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	5,708	10.9	61.6	2.4%
16-39	5,843	29.0	62.7	4.2%
40-64	15,591	55.1	62.2	4.8%
65-	19,156	73.3	58.6	7.0%

HDL-C (mg/dL) (male)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	2,917	10.9	61.8	2.7%
16-39	2,168	28.0	56.4	8.0%
40-64	5,858	55.5	56.8	9.0%
65-	8,677	73.3	55.3	10.7%

HDL-C (mg/dL) (female)				
Age	Examinees	Average age	Average HDL-C	Less than 40 mg/dL
0-6	.	.	.	.
7-15	2,791	10.9	61.5	2.0%
16-39	3,675	29.5	66.3	2.0%
40-64	9,733	54.9	65.5	2.2%
65-	10,479	73.3	61.3	4.0%

Triglyceride (TG)

FY 2011

Triglyceride (TG) (mg/dL) (overall)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	11,091	11.0	76.5	7.0%	0.6%
16-39	14,757	28.1	88.5	11.4%	1.7%
40-64	23,651	54.0	117.8	21.3%	3.2%
65-	16,725	73.7	114.7	20.3%	1.6%

Triglyceride (TG) (mg/dL) (male)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	5,584	10.9	75.5	7.7%	0.6%
16-39	5,966	27.7	109.3	19.0%	3.2%
40-64	9,562	54.5	142.3	31.5%	6.0%
65-	7,496	73.4	119.6	23.1%	2.5%

Triglyceride (TG) (mg/dL) (female)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	5,507	11.0	77.5	6.3%	0.5%
16-39	8,791	28.3	74.3	6.2%	0.6%
40-64	14,089	53.7	101.1	14.4%	1.3%
65-	9,229	73.8	110.7	18.1%	1.0%

FY 2012

Triglyceride (TG) (mg/dL) (overall)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	7,242	10.9	77.0	7.1%	0.7%
16-39	8,480	28.6	89.5	11.7%	1.6%
40-64	19,552	55.0	117.0	21.5%	3.2%
65-	18,638	73.5	110.8	17.9%	1.6%

Triglyceride (TG) (mg/dL) (male)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	3,711	10.9	75.9	7.7%	0.6%
16-39	3,230	27.9	111.7	19.9%	3.0%
40-64	7,717	55.4	140.0	32.0%	5.9%
65-	8,476	73.4	115.3	20.5%	2.2%

Triglyceride (TG) (mg/dL) (female)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	3,531	11.0	78.1	6.5%	0.7%
16-39	5,250	29.1	75.8	6.7%	0.7%
40-64	11,835	54.6	102.0	14.6%	1.4%
65-	10,162	73.6	107.1	15.7%	1.0%

Triglyceride (TG)

FY 2013

Triglyceride (TG) (mg/dL) (overall)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	6,290	10.9	78.7	7.3%	0.7%
16-39	6,536	29.0	90.9	11.8%	2.0%
40-64	16,919	55.3	117.4	21.5%	3.3%
65-	18,957	73.5	112.6	18.4%	1.6%

Triglyceride (TG) (mg/dL) (male)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	3,219	10.9	77.6	7.6%	0.6%
16-39	2,480	28.3	115.8	20.5%	4.2%
40-64	6,509	55.7	140.8	30.9%	6.2%
65-	8,637	73.4	116.5	20.5%	2.2%

Triglyceride (TG) (mg/dL) (female)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	3,071	10.9	79.7	7.0%	0.7%
16-39	4,056	29.5	75.7	6.4%	0.6%
40-64	10,410	55.0	102.8	15.6%	1.5%
65-	10,320	73.5	109.4	16.6%	1.2%

FY 2014

Triglyceride (TG) (mg/dL) (overall)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	5,705	10.9	79.0	8.2%	0.8%
16-39	5,843	29.0	90.5	11.3%	1.8%
40-64	15,591	55.1	115.5	20.5%	2.8%
65-	19,156	73.3	112.4	18.5%	1.7%

Triglyceride (TG) (mg/dL) (male)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	2,916	10.9	78.9	8.7%	0.9%
16-39	2,168	28.0	114.6	19.2%	3.5%
40-64	5,858	55.5	138.1	30.5%	5.4%
65-	8,677	73.3	117.0	21.1%	2.3%

Triglyceride (TG) (mg/dL) (female)					
Age	Examinees	Average age	Average triglyceride	150 mg/dL and above	300 mg/dL and above
0-6	.	.	.	.	.
7-15	2,789	10.9	79.1	7.7%	0.6%
16-39	3,675	29.5	76.3	6.6%	0.8%
40-64	9,733	54.9	101.8	14.5%	1.3%
65-	10,479	73.3	108.5	16.4%	1.1%

LDL-C

FY 2011

LDL-C (mg/dL) (overall)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	11,098	11.0	94.1	13.2%	3.5%
16-39	14,757	28.1	110.1	33.9%	15.9%
40-64	23,651	54.0	129.3	59.8%	35.8%
65-	16,725	73.7	122.9	52.8%	28.6%

LDL-C (mg/dL) (male)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	5,587	10.9	91.9	11.7%	3.3%
16-39	5,966	27.7	114.6	40.2%	21.0%
40-64	9,562	54.5	126.9	57.8%	34.2%
65-	7,496	73.4	118.6	48.0%	24.6%

LDL-C (mg/dL) (female)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	5,511	11.0	96.3	14.8%	3.6%
16-39	8,791	28.3	107.0	29.6%	12.4%
40-64	14,089	53.7	130.9	61.1%	37.0%
65-	9,229	73.8	126.4	56.7%	31.7%

FY 2012

LDL-C (mg/dL) (overall)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	7,240	10.9	93.7	12.2%	3.4%
16-39	8,479	28.6	109.3	32.7%	15.7%
40-64	19,550	55.0	126.0	56.0%	31.6%
65-	18,638	73.5	118.0	46.7%	22.3%

LDL-C (mg/dL) (male)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	3,710	10.9	91.9	10.7%	3.2%
16-39	3,230	27.9	114.2	39.0%	21.2%
40-64	7,716	55.4	123.7	53.6%	29.6%
65-	8,476	73.4	113.8	41.8%	18.4%

LDL-C (mg/dL) (female)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	3,530	11.0	95.6	13.9%	3.6%
16-39	5,249	29.1	106.3	28.9%	12.3%
40-64	11,834	54.6	127.6	57.6%	32.9%
65-	10,162	73.6	121.6	50.8%	25.6%

LDL-C

FY 2013

LDL-C (mg/dL) (overall)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	6,291	10.9	94.1	13.8%	3.9%
16-39	6,536	29.0	110.4	34.5%	15.6%
40-64	16,921	55.3	126.8	57.2%	32.6%
65-	18,957	73.5	119.1	47.9%	23.2%

LDL-C (mg/dL) (male)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	3,219	10.9	92.6	12.3%	4.2%
16-39	2,480	28.3	114.1	40.0%	19.5%
40-64	6,510	55.7	123.9	54.3%	30.0%
65-	8,637	73.4	114.6	42.8%	18.8%

LDL-C (mg/dL) (female)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	3,072	10.9	95.8	15.4%	3.5%
16-39	4,056	29.5	108.2	31.2%	13.2%
40-64	10,411	55.0	128.6	59.1%	34.1%
65-	10,320	73.5	122.9	52.3%	26.9%

FY 2014

LDL-C (mg/dL) (overall)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	5,705	10.9	93.6	12.9%	3.5%
16-39	5,843	29.0	110.9	35.0%	16.6%
40-64	15,591	55.1	127.6	58.3%	33.8%
65-	19,156	73.3	118.9	46.8%	23.5%

LDL-C (mg/dL) (male)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	2,914	10.9	91.7	11.7%	3.4%
16-39	2,168	28.0	114.8	41.1%	21.2%
40-64	5,858	55.5	125.4	55.8%	31.8%
65-	8,677	73.3	114.2	41.4%	19.4%

LDL-C (mg/dL) (female)					
Age	Examinees	Average age	Average LDL-C	120 mg/dL and above	140 mg/dL and above
0-6	.	.	.	.	.
7-15	2,791	10.9	95.7	14.3%	3.5%
16-39	3,675	29.5	108.6	31.3%	13.9%
40-64	9,733	54.9	128.9	59.8%	34.9%
65-	10,479	73.3	122.7	51.3%	26.9%

AST

FY 2011

AST (U/L) (overall)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	11,103	11.0	23.6	9.6%	0.8%
16-39	14,757	28.1	20.6	8.2%	2.0%
40-64	23,651	54.0	24.2	14.5%	2.8%
65-	16,725	73.7	25.7	17.7%	2.8%

AST (U/L) (male)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	5,588	10.9	25.1	12.8%	1.3%
16-39	5,966	27.7	24.2	15.3%	3.8%
40-64	9,562	54.5	26.9	21.4%	4.3%
65-	7,496	73.4	27.2	23.0%	3.7%

AST (U/L) (female)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	5,515	11.0	22.0	6.4%	0.4%
16-39	8,791	28.3	18.2	3.4%	0.8%
40-64	14,089	53.7	22.3	9.7%	1.8%
65-	9,229	73.8	24.5	13.4%	2.2%

FY 2012

AST (U/L) (overall)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	7,243	10.9	24.1	10.6%	0.8%
16-39	8,479	28.6	20.8	8.7%	1.8%
40-64	19,552	55.0	24.7	15.8%	3.0%
65-	18,638	73.5	26.4	19.5%	2.8%

AST (U/L) (male)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	3,711	10.9	25.6	14.1%	1.2%
16-39	3,229	27.9	24.6	16.6%	3.3%
40-64	7,717	55.4	27.6	23.7%	4.4%
65-	8,476	73.4	27.8	25.1%	3.6%

AST (U/L) (female)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	3,532	11.0	22.6	7.0%	0.5%
16-39	5,250	29.1	18.5	3.8%	0.9%
40-64	11,835	54.6	22.8	10.6%	2.1%
65-	10,162	73.6	25.2	14.8%	2.2%

AST

FY 2013

AST (U/L) (overall)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	6,291	10.9	24.0	10.5%	0.7%
16-39	6,536	29.0	20.6	8.4%	2.0%
40-64	16,919	55.3	24.1	14.1%	2.8%
65-	18,957	73.5	25.6	16.8%	2.6%

AST (U/L) (male)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	3,219	10.9	25.5	14.4%	1.1%
16-39	2,480	28.3	24.1	15.7%	3.6%
40-64	6,509	55.7	26.8	20.9%	4.3%
65-	8,637	73.4	26.8	21.4%	3.2%

AST (U/L) (female)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	3,072	10.9	22.4	6.4%	0.3%
16-39	4,056	29.5	18.4	3.9%	1.0%
40-64	10,410	55.0	22.4	9.8%	1.9%
65-	10,320	73.5	24.6	13.0%	2.0%

FY 2014

AST (U/L) (overall)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	5,708	10.9	24.0	11.2%	0.8%
16-39	5,843	29.0	20.5	8.3%	1.7%
40-64	15,591	55.1	24.0	13.7%	2.8%
65-	19,156	73.3	25.7	16.8%	2.6%

AST (U/L) (male)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	2,917	10.9	25.5	14.8%	1.3%
16-39	2,168	28.0	23.9	16.1%	3.2%
40-64	5,858	55.5	26.7	20.7%	4.6%
65-	8,677	73.3	27.0	21.4%	3.5%

AST (U/L) (female)					
Age	Examinees	Average age	Average AST	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	2,791	10.9	22.4	7.4%	0.3%
16-39	3,675	29.5	18.4	3.7%	0.8%
40-64	9,733	54.9	22.4	9.5%	1.7%
65-	10,479	73.3	24.6	13.0%	1.8%

ALT

FY 2011

ALT (U/L) (overall)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	11,103	11.0	15.7	4.5%	1.6%
16-39	14,757	28.1	21.8	15.9%	7.0%
40-64	23,651	54.0	24.5	20.8%	6.9%
65-	16,725	73.7	20.9	13.6%	3.7%

ALT (U/L) (male)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	5,588	10.9	17.8	7.0%	2.6%
16-39	5,966	27.7	31.4	31.0%	14.1%
40-64	9,562	54.5	30.3	32.8%	11.3%
65-	7,496	73.4	23.5	18.8%	5.2%

ALT (U/L) (female)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	5,515	11.0	13.6	2.0%	0.7%
16-39	8,791	28.3	15.3	5.6%	2.2%
40-64	14,089	53.7	20.5	12.7%	3.9%
65-	9,229	73.8	18.8	9.5%	2.6%

FY 2012

ALT (U/L) (overall)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	7,243	10.9	15.7	4.8%	1.4%
16-39	8,480	28.6	21.8	16.9%	7.0%
40-64	19,552	55.0	24.7	21.4%	7.1%
65-	18,638	73.5	21.6	14.2%	3.6%

ALT (U/L) (male)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	3,711	10.9	17.8	7.4%	2.2%
16-39	3,230	27.9	31.8	33.6%	14.7%
40-64	7,717	55.4	30.7	33.8%	11.6%
65-	8,476	73.4	24.0	19.5%	4.9%

ALT (U/L) (female)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	3,532	11.0	13.5	2.0%	0.5%
16-39	5,250	29.1	15.7	6.5%	2.3%
40-64	11,835	54.6	20.8	13.3%	4.2%
65-	10,162	73.6	19.5	9.8%	2.6%

ALT

FY 2013

ALT (U/L) (overall)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	6,291	10.9	15.7	4.7%	1.6%
16-39	6,536	29.0	21.8	16.1%	6.8%
40-64	16,919	55.3	24.1	20.0%	6.7%
65-	18,957	73.5	21.0	13.0%	3.1%

ALT (U/L) (male)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	3,219	10.9	18.0	7.5%	2.6%
16-39	2,480	28.3	31.3	31.6%	14.0%
40-64	6,509	55.7	29.7	31.6%	11.2%
65-	8,637	73.4	23.0	17.1%	4.2%

ALT (U/L) (female)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	3,072	10.9	13.3	1.8%	0.5%
16-39	4,056	29.5	15.9	6.7%	2.5%
40-64	10,410	55.0	20.6	12.7%	3.9%
65-	10,320	73.5	19.3	9.5%	2.3%

FY 2014

ALT (U/L) (overall)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	5,708	10.9	15.5	4.4%	1.4%
16-39	5,843	29.0	21.4	15.5%	6.7%
40-64	15,591	55.1	23.8	19.5%	6.0%
65-	19,156	73.3	21.4	13.3%	3.2%

ALT (U/L) (male)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	2,917	10.9	17.5	6.7%	2.4%
16-39	2,168	28.0	30.8	31.0%	14.3%
40-64	5,858	55.5	29.5	31.5%	10.2%
65-	8,677	73.3	23.5	17.8%	4.3%

ALT (U/L) (female)					
Age	Examinees	Average age	Average ALT	31 U/L and above	51 U/L and above
0-6	.	.	.	.	.
7-15	2,791	10.9	13.3	2.1%	0.3%
16-39	3,675	29.5	15.8	6.4%	2.1%
40-64	9,733	54.9	20.4	12.2%	3.5%
65-	10,479	73.3	19.5	9.6%	2.3%

γ -GT

FY 2011

γ -GT (U/L) (overall)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	11,101	11.0	14.6	0.6%	0.1%
16-39	14,757	28.1	25.4	8.5%	2.5%
40-64	23,651	54.0	39.7	19.9%	6.2%
65-	16,725	73.7	32.8	13.4%	3.7%

γ -GT (U/L) (male)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	5,587	10.9	16.0	1.0%	0.1%
16-39	5,966	27.7	37.2	17.2%	5.4%
40-64	9,562	54.5	58.8	35.6%	12.3%
65-	7,496	73.4	44.2	22.4%	6.9%

γ -GT (U/L) (female)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	5,514	11.0	13.2	0.2%	0.0%
16-39	8,791	28.3	17.3	2.5%	0.5%
40-64	14,089	53.7	26.8	9.3%	2.1%
65-	9,229	73.8	23.6	6.0%	1.1%

FY 2012

γ -GT (U/L) (overall)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	7,242	10.9	14.7	0.4%	0.1%
16-39	8,480	28.6	25.6	8.8%	2.5%
40-64	19,552	55.0	40.5	20.4%	6.5%
65-	18,638	73.5	33.4	14.0%	3.8%

γ -GT (U/L) (male)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	3,710	10.9	16.0	0.7%	0.2%
16-39	3,230	27.9	38.0	18.5%	5.4%
40-64	7,717	55.4	60.7	36.9%	12.8%
65-	8,476	73.4	44.1	23.1%	6.7%

γ -GT (U/L) (female)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	3,532	11.0	13.3	0.1%	-
16-39	5,250	29.1	17.9	2.8%	0.6%
40-64	11,835	54.6	27.3	9.7%	2.4%
65-	10,162	73.6	24.4	6.5%	1.5%

γ -GT

FY 2013

γ -GT (U/L) (overall)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	6,291	10.9	14.4	0.4%	0.0%
16-39	6,535	29.0	26.0	9.1%	2.7%
40-64	16,919	55.3	39.3	19.5%	6.2%
65-	18,956	73.5	33.7	13.9%	3.9%

γ -GT (U/L) (male)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	3,219	10.9	15.7	0.8%	0.1%
16-39	2,480	28.3	38.8	18.8%	5.9%
40-64	6,509	55.7	58.9	35.1%	12.3%
65-	8,637	73.4	44.4	22.6%	6.8%

γ -GT (U/L) (female)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	3,072	10.9	13.0	0.1%	0.0%
16-39	4,055	29.5	18.2	3.1%	0.7%
40-64	10,410	55.0	27.1	9.7%	2.4%
65-	10,319	73.5	24.7	6.6%	1.4%

FY 2014

γ -GT (U/L) (overall)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	5,708	10.9	14.2	0.2%	0.0%
16-39	5,842	29.0	25.4	8.7%	2.4%
40-64	15,591	55.1	38.3	18.9%	5.8%
65-	19,156	73.3	33.0	13.5%	3.7%

γ -GT (U/L) (male)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	2,917	10.9	15.4	0.4%	0.0%
16-39	2,168	28.0	38.5	18.5%	5.7%
40-64	5,858	55.5	57.5	34.6%	11.8%
65-	8,677	73.3	43.9	22.6%	6.5%

γ -GT (U/L) (female)					
Age	Examinees	Average age	Average γ -GT	51 U/L and above	101 U/L and above
0-6	.	.	.	.	.
7-15	2,791	10.9	13.0	0.0%	0.0%
16-39	3,674	29.5	17.6	2.9%	0.5%
40-64	9,733	54.9	26.7	9.4%	2.2%
65-	10,479	73.3	23.9	6.0%	1.3%

Uric acid

FY 2011

Uric acid (mg/dL) (overall)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	11,091	11.0	4.5	2.5%	0.6%
16-39	14,757	28.1	5.0	7.9%	2.7%
40-64	23,651	54.0	5.0	8.0%	2.7%
65-	16,725	73.7	5.1	7.6%	2.5%

Uric acid (mg/dL) (male)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	5,584	10.9	4.8	4.7%	1.2%
16-39	5,966	27.7	6.0	18.5%	6.5%
40-64	9,562	54.5	5.9	18.1%	6.2%
65-	7,496	73.4	5.7	14.4%	4.9%

Uric acid (mg/dL) (female)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	5,507	11.0	4.3	0.3%	0.1%
16-39	8,791	28.3	4.2	0.7%	0.2%
40-64	14,089	53.7	4.3	1.1%	0.3%
65-	9,229	73.8	4.5	2.1%	0.6%

FY 2012

Uric acid (mg/dL) (overall)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	7,232	10.9	4.7	3.4%	1.1%
16-39	8,480	28.6	5.0	8.2%	2.7%
40-64	19,552	55.0	5.1	9.1%	3.1%
65-	18,637	73.5	5.1	8.7%	3.2%

Uric acid (mg/dL) (male)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	3,704	10.9	5.0	6.1%	2.0%
16-39	3,230	27.9	6.1	20.3%	6.8%
40-64	7,717	55.4	6.0	20.9%	7.3%
65-	8,475	73.4	5.8	16.0%	5.9%

Uric acid (mg/dL) (female)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	3,528	11.0	4.4	0.6%	0.2%
16-39	5,250	29.1	4.3	0.7%	0.2%
40-64	11,835	54.6	4.4	1.5%	0.4%
65-	10,162	73.6	4.6	2.6%	0.8%

Uric acid

FY 2013

Uric acid (mg/dL) (overall)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	6,290	10.9	4.5	2.6%	0.7%
16-39	6,536	29.0	5.0	8.9%	3.2%
40-64	16,921	55.3	5.1	8.4%	2.7%
65-	18,957	73.5	5.2	9.0%	2.9%

Uric acid (mg/dL) (male)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	3,218	10.9	4.8	4.9%	1.5%
16-39	2,480	28.3	6.1	21.8%	8.0%
40-64	6,510	55.7	6.0	19.7%	6.4%
65-	8,637	73.4	5.8	16.3%	5.2%

Uric acid (mg/dL) (female)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	3,072	10.9	4.2	0.2%	-
16-39	4,056	29.5	4.3	1.0%	0.3%
40-64	10,411	55.0	4.5	1.4%	0.4%
65-	10,320	73.5	4.7	3.0%	0.9%

FY 2014

Uric acid (mg/dL) (overall)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	5,707	10.9	4.5	2.7%	0.6%
16-39	5,843	29.0	5.0	8.8%	2.7%
40-64	15,591	55.1	5.1	8.6%	2.8%
65-	19,156	73.3	5.2	8.9%	2.9%

Uric acid (mg/dL) (male)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	2,916	10.9	4.8	5.0%	1.0%
16-39	2,168	28.0	6.1	22.0%	7.0%
40-64	5,858	55.5	6.0	20.3%	6.7%
65-	8,677	73.3	5.8	16.1%	5.4%

Uric acid (mg/dL) (female)					
Age	Examinees	Average age	Average uric acid	7.1 mg/dL and above	8.0 mg/dL and above
0-6	.	.	.	.	.
7-15	2,791	10.9	4.2	0.4%	0.1%
16-39	3,675	29.5	4.3	1.0%	0.2%
40-64	9,733	54.9	4.5	1.6%	0.4%
65-	10,479	73.3	4.7	3.0%	0.7%

RBC

FY 2011

RBC (10 ⁶ /μL) (overall)			
Age	Examinees	Average age	Average RBC
0-6	6,428	3.6	4.70
7-15	11,474	11.0	4.80
16-39	14,757	28.1	4.84
40-64	23,649	54.0	4.71
65-	16,723	73.7	4.56

RBC (10 ⁶ /μL) (male)						
Age	Examinees	Average age	Average RBC	3.69x10 ⁶ /μL and below	3.99x10 ⁶ /μL and below	5.80x10 ⁶ /μL and above
0-6	3,253	3.6	4.72	0.0%	0.6%	0.2%
7-15	5,764	10.9	4.91	0.0%	0.3%	1.1%
16-39	5,966	27.7	5.21	0.0%	0.1%	4.4%
40-64	9,562	54.5	4.96	0.4%	1.3%	1.6%
65-	7,495	73.4	4.74	1.5%	5.3%	1.1%

RBC (10 ⁶ /μL) (female)						
Age	Examinees	Average age	Average RBC	3.39x10 ⁶ /μL and below	3.69x10 ⁶ /μL and below	5.50x10 ⁶ /μL and above
0-6	3,175	3.6	4.68	0.1%	0.1%	0.8%
7-15	5,710	11.0	4.69	0.0%	0.1%	0.8%
16-39	8,791	28.3	4.58	0.0%	0.7%	0.5%
40-64	14,087	53.7	4.54	0.2%	0.8%	0.4%
65-	9,228	73.8	4.42	0.8%	3.3%	0.4%

FY 2012

RBC ($10^6/\mu\text{L}$) (overall)			
Age	Examinees	Average age	Average RBC
0-6	4,342	3.6	4.69
7-15	7,435	10.9	4.80
16-39	8,479	28.6	4.75
40-64	19,552	55.0	4.61
65-	18,636	73.5	4.45

RBC ($10^6/\mu\text{L}$) (male)						
Age	Examinees	Average age	Average RBC	$3.69 \times 10^6/\mu\text{L}$ and below	$3.99 \times 10^6/\mu\text{L}$ and below	$5.80 \times 10^6/\mu\text{L}$ and above
0-6	2,166	3.6	4.72	-	0.9%	0.4%
7-15	3,809	10.8	4.90	0.0%	0.3%	0.7%
16-39	3,230	27.9	5.17	-	0.1%	3.5%
40-64	7,717	55.4	4.88	0.7%	2.0%	1.6%
65-	8,476	73.4	4.63	2.9%	8.5%	0.9%

RBC ($10^6/\mu\text{L}$) (female)						
Age	Examinees	Average age	Average RBC	$3.39 \times 10^6/\mu\text{L}$ and below	$3.69 \times 10^6/\mu\text{L}$ and below	$5.50 \times 10^6/\mu\text{L}$ and above
0-6	2,176	3.6	4.67	-	-	0.9%
7-15	3,626	10.9	4.70	-	0.1%	0.6%
16-39	5,249	29.1	4.49	0.2%	1.0%	0.4%
40-64	11,835	54.6	4.44	0.3%	1.5%	0.4%
65-	10,160	73.6	4.30	1.5%	6.7%	0.2%

RBC

FY 2013

RBC ($10^6/\mu\text{L}$) (overall)			
Age	Examinees	Average age	Average RBC
0-6	3,781	3.7	4.70
7-15	6,421	10.8	4.81
16-39	6,536	29.0	4.75
40-64	16,920	55.3	4.62
65-	18,955	73.5	4.46

RBC ($10^6/\mu\text{L}$) (male)						
Age	Examinees	Average age	Average RBC	$3.69 \times 10^6/\mu\text{L}$ and below	$3.99 \times 10^6/\mu\text{L}$ and below	$5.80 \times 10^6/\mu\text{L}$ and above
0-6	1,942	3.7	4.73	0.1%	0.5%	0.3%
7-15	3,287	10.9	4.91	-	0.1%	0.9%
16-39	2,480	28.3	5.16	-	0.2%	3.7%
40-64	6,510	55.7	4.89	0.7%	2.0%	1.8%
65-	8,637	73.4	4.64	2.7%	8.5%	0.8%

RBC ($10^6/\mu\text{L}$) (female)						
Age	Examinees	Average age	Average RBC	$3.39 \times 10^6/\mu\text{L}$ and below	$3.69 \times 10^6/\mu\text{L}$ and below	$5.50 \times 10^6/\mu\text{L}$ and above
0-6	1,839	3.7	4.68	0.1%	0.1%	0.8%
7-15	3,134	10.8	4.70	-	0.1%	0.6%
16-39	4,056	29.5	4.50	0.3%	1.1%	0.6%
40-64	10,410	55.0	4.45	0.3%	1.7%	0.3%
65-	10,318	73.5	4.31	1.6%	6.2%	0.3%

FY 2014

RBC ($10^6/\mu\text{L}$) (overall)			
Age	Examinees	Average age	Average RBC
0-6	3,295	3.8	4.67
7-15	5,832	10.9	4.80
16-39	5,843	29.0	4.77
40-64	15,591	55.1	4.63
65-	19,152	73.3	4.46

RBC ($10^6/\mu\text{L}$) (male)						
Age	Examinees	Average age	Average RBC	$3.69 \times 10^6/\mu\text{L}$ and below	$3.99 \times 10^6/\mu\text{L}$ and below	$5.80 \times 10^6/\mu\text{L}$ and above
0-6	1,677	3.8	4.70	-	1.0%	0.1%
7-15	2,984	10.9	4.90	-	0.3%	0.8%
16-39	2,168	28.0	5.19	0.1%	0.2%	5.0%
40-64	5,858	55.5	4.91	0.6%	1.9%	2.1%
65-	8,676	73.3	4.63	2.9%	9.1%	0.9%

RBC ($10^6/\mu\text{L}$) (female)						
Age	Examinees	Average age	Average RBC	$3.39 \times 10^6/\mu\text{L}$ and below	$3.69 \times 10^6/\mu\text{L}$ and below	$5.50 \times 10^6/\mu\text{L}$ and above
0-6	1,618	3.8	4.65	0.1%	0.2%	0.8%
7-15	2,848	10.8	4.69	-	0.1%	0.7%
16-39	3,675	29.5	4.52	0.2%	1.3%	0.4%
40-64	9,733	54.9	4.47	0.2%	1.4%	0.5%
65-	10,476	73.3	4.31	1.4%	5.8%	0.2%

Hemoglobin

FY 2011

Hemoglobin (g/dL) (overall)			
Age	Examinees	Average age	Average hemoglobin
0-6	6,428	3.6	12.6
7-15	11,475	11.0	13.6
16-39	14,757	28.1	14.3
40-64	23,649	54.0	14.3
65-	16,723	73.7	14.1

Hemoglobin (g/dL) (male)						
Age	Examinees	Average age	Average hemoglobin	12.0 g/dL and below	13.0 g/dL and below	18.0 g/dL and above
0-6	3,253	3.6	12.5	24.5%	74.2%	-
7-15	5,765	10.9	13.8	3.8%	24.8%	0.0%
16-39	5,966	27.7	15.9	0.3%	0.6%	1.7%
40-64	9,562	54.5	15.5	0.8%	2.4%	1.5%
65-	7,495	73.4	14.9	3.1%	8.8%	1.4%

Hemoglobin (g/dL) (female)						
Age	Examinees	Average age	Average hemoglobin	11.0 g/dL and below	12.0 g/dL and below	16.0 g/dL and above
0-6	3,175	3.6	12.6	3.1%	23.8%	-
7-15	5,710	11.0	13.3	1.6%	7.6%	0.1%
16-39	8,791	28.3	13.3	5.7%	13.2%	0.4%
40-64	14,087	53.7	13.4	5.6%	11.4%	1.0%
65-	9,228	73.8	13.5	2.7%	10.5%	1.0%

FY 2012

Hemoglobin (g/dL) (overall)			
Age	Examinees	Average age	Average hemoglobin
0-6	4,342	3.6	12.6
7-15	7,435	10.9	13.6
16-39	8,479	28.6	14.1
40-64	19,552	55.0	14.0
65-	18,636	73.5	13.8

Hemoglobin (g/dL) (male)						
Age	Examinees	Average age	Average hemoglobin	12.0 g/dL and below	13.0 g/dL and below	18.0 g/dL and above
0-6	2,166	3.6	12.6	25.3%	71.4%	-
7-15	3,809	10.8	13.8	3.2%	21.9%	-
16-39	3,230	27.9	15.7	0.2%	0.5%	1.0%
40-64	7,717	55.4	15.2	0.9%	3.5%	1.2%
65-	8,476	73.4	14.6	4.0%	12.8%	0.8%

Hemoglobin (g/dL) (female)						
Age	Examinees	Average age	Average hemoglobin	11.0 g/dL and below	12.0 g/dL and below	16.0 g/dL and above
0-6	2,176	3.6	12.6	3.2%	23.1%	0.0%
7-15	3,626	10.9	13.4	1.0%	6.2%	0.2%
16-39	5,249	29.1	13.1	6.0%	15.3%	0.4%
40-64	11,835	54.6	13.2	5.0%	12.5%	0.7%
65-	10,160	73.6	13.1	3.7%	15.4%	0.4%

Hemoglobin

FY 2013

Hemoglobin (g/dL) (overall)			
Age	Examinees	Average age	Average hemoglobin
0-6	3,781	3.7	12.6
7-15	6,421	10.8	13.6
16-39	6,536	29.0	14.1
40-64	16,920	55.3	14.1
65-	18,955	73.5	13.9

Hemoglobin (g/dL) (male)						
Age	Examinees	Average age	Average hemoglobin	12.0 g/dL and below	13.0 g/dL and below	18.0 g/dL and above
0-6	1,942	3.7	12.6	25.0%	71.7%	-
7-15	3,287	10.9	13.8	2.5%	23.4%	0.0%
16-39	2,480	28.3	15.7	0.2%	0.6%	0.9%
40-64	6,510	55.7	15.3	1.0%	2.8%	1.4%
65-	8,637	73.4	14.7	3.7%	11.3%	1.1%

Hemoglobin (g/dL) (female)						
Age	Examinees	Average age	Average hemoglobin	11.0 g/dL and below	12.0 g/dL and below	16.0 g/dL and above
0-6	1,839	3.7	12.6	3.8%	22.0%	-
7-15	3,134	10.8	13.4	1.1%	5.9%	0.1%
16-39	4,056	29.5	13.2	4.9%	13.6%	0.4%
40-64	10,410	55.0	13.3	4.2%	11.0%	0.8%
65-	10,318	73.5	13.3	3.1%	13.4%	0.6%

FY 2014

Hemoglobin (g/dL) (overall)			
Age	Examinees	Average age	Average hemoglobin
0-6	3,295	3.8	12.5
7-15	5,832	10.9	13.5
16-39	5,843	29.0	14.1
40-64	15,591	55.1	14.2
65-	19,152	73.3	14.0

Hemoglobin (g/dL) (male)						
Age	Examinees	Average age	Average hemoglobin	12.0 g/dL and below	13.0 g/dL and below	18.0 g/dL and above
0-6	1,677	3.8	12.5	27.9%	76.1%	-
7-15	2,984	10.9	13.8	3.9%	24.7%	0.1%
16-39	2,168	28.0	15.7	0.1%	0.9%	1.5%
40-64	5,858	55.5	15.4	0.8%	2.6%	1.6%
65-	8,676	73.3	14.8	3.8%	10.7%	1.0%

Hemoglobin (g/dL) (female)						
Age	Examinees	Average age	Average hemoglobin	11.0 g/dL and below	12.0 g/dL and below	16.0 g/dL and above
0-6	1,618	3.8	12.5	3.3%	26.6%	-
7-15	2,848	10.8	13.3	0.9%	6.1%	0.2%
16-39	3,675	29.5	13.2	5.1%	14.6%	0.4%
40-64	9,733	54.9	13.4	4.2%	9.9%	1.0%
65-	10,476	73.3	13.3	2.7%	11.8%	0.7%

Hematocrit

FY 2011

Hematocrit (%) (overall)			
Age	Examinees	Average age	Average hematocrit
0-6	6,428	3.6	37.3
7-15	11,475	11.0	40.3
16-39	14,757	28.1	42.9
40-64	23,649	54.0	42.8
65-	16,723	73.7	42.4

Hematocrit (%) (male)						
Age	Examinees	Average age	Average hematocrit	35.9% and below	37.9% and below	55.0% and above
0-6	3,253	3.6	37.2	28.4%	64.4%	-
7-15	5,765	10.9	40.9	5.2%	19.0%	-
16-39	5,966	27.7	46.7	0.2%	0.3%	0.1%
40-64	9,562	54.5	45.8	0.6%	1.3%	0.2%
65-	7,495	73.4	44.3	2.2%	4.8%	0.3%

Hematocrit (%) (female)						
Age	Examinees	Average age	Average hematocrit	28.9% and below	32.9% and below	48.0% and above
0-6	3,175	3.6	37.4	0.2%	2.1%	-
7-15	5,710	11.0	39.8	0.2%	0.9%	0.1%
16-39	8,791	28.3	40.3	0.4%	2.3%	0.2%
40-64	14,087	53.7	40.7	0.6%	2.9%	0.6%
65-	9,228	73.8	40.8	0.2%	1.2%	0.9%

FY 2012

Hematocrit (%) (overall)			
Age	Examinees	Average age	Average hematocrit
0-6	4,342	3.6	37.7
7-15	7,435	10.9	40.8
16-39	8,480	28.6	42.7
40-64	19,552	55.0	42.7
65-	18,636	73.5	42.2

Hematocrit (%) (male)						
Age	Examinees	Average age	Average hematocrit	35.9% and below	37.9% and below	55.0% and above
0-6	2,166	3.6	37.6	24.1%	56.6%	-
7-15	3,809	10.8	41.3	2.8%	12.9%	-
16-39	3,230	27.9	46.8	0.1%	0.2%	0.2%
40-64	7,717	55.4	45.8	0.6%	1.3%	0.4%
65-	8,476	73.4	44.2	2.6%	6.1%	0.4%

Hematocrit (%) (female)						
Age	Examinees	Average age	Average hematocrit	28.9% and below	32.9% and below	48.0% and above
0-6	2,176	3.6	37.9	0.1%	1.4%	0.0%
7-15	3,626	10.9	40.4	0.0%	0.4%	0.2%
16-39	5,250	29.1	40.2	0.3%	2.2%	0.4%
40-64	11,835	54.6	40.7	0.4%	2.2%	1.0%
65-	10,160	73.6	40.5	0.3%	1.7%	0.9%

Hematocrit

FY 2013

Hematocrit (%) (overall)			
Age	Examinees	Average age	Average hematocrit
0-6	3,781	3.7	37.3
7-15	6,421	10.8	40.3
16-39	6,536	29.0	42.4
40-64	16,920	55.3	42.3
65-	18,955	73.5	41.8

Hematocrit (%) (male)						
Age	Examinees	Average age	Average hematocrit	35.9% and below	37.9% and below	55.0% and above
0-6	1,942	3.7	37.2	29.0%	62.5%	-
7-15	3,287	10.9	40.8	4.5%	18.2%	-
16-39	2,480	28.3	46.3	0.2%	0.4%	0.1%
40-64	6,510	55.7	45.4	0.7%	1.6%	0.3%
65-	8,637	73.4	43.7	3.2%	7.1%	0.3%

Hematocrit (%) (female)						
Age	Examinees	Average age	Average hematocrit	28.9% and below	32.9% and below	48.0% and above
0-6	1,839	3.7	37.5	0.1%	2.9%	-
7-15	3,134	10.8	39.8	0.1%	0.7%	0.1%
16-39	4,056	29.5	40.0	0.4%	2.3%	0.3%
40-64	10,410	55.0	40.4	0.5%	2.3%	0.7%
65-	10,318	73.5	40.2	0.2%	2.0%	0.8%

FY 2014

Hematocrit (%) (overall)			
Age	Examinees	Average age	Average hematocrit
0-6	3,295	3.8	37.2
7-15	5,832	10.9	40.3
16-39	5,843	29.0	42.6
40-64	15,591	55.1	42.6
65-	19,152	73.3	42.0

Hematocrit (%) (male)						
Age	Examinees	Average age	Average hematocrit	35.9% and below	37.9% and below	55.0% and above
0-6	1,677	3.8	37.0	32.4%	66.0%	-
7-15	2,984	10.9	40.8	4.5%	17.9%	-
16-39	2,168	28.0	46.6	0.1%	0.4%	0.2%
40-64	5,858	55.5	45.6	0.6%	1.3%	0.3%
65-	8,676	73.3	43.9	3.1%	6.8%	0.3%

Hematocrit (%) (female)						
Age	Examinees	Average age	Average hematocrit	28.9% and below	32.9% and below	48.0% and above
0-6	1,618	3.8	37.4	0.1%	2.6%	-
7-15	2,848	10.8	39.8	0.1%	0.6%	0.0%
16-39	3,675	29.5	40.2	0.4%	2.7%	0.4%
40-64	9,733	54.9	40.7	0.5%	1.9%	0.8%
65-	10,476	73.3	40.4	0.2%	1.6%	0.7%

Platelet count

FY 2011

Platelet count ($10^3/\mu\text{L}$) (overall)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	6,423	3.6	321.9	0.2%	0.5%	22.5%	6.1%
7-15	11,471	11.0	275.4	0.0%	0.2%	6.4%	0.9%
16-39	14,703	28.1	263.9	0.0%	0.2%	4.5%	0.6%
40-64	23,479	54.0	254.2	0.2%	0.8%	3.7%	0.6%
65-	16,535	73.7	230.9	0.3%	1.9%	1.7%	0.3%

Platelet count ($10^3/\mu\text{L}$) (male)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	3,251	3.6	321.2	0.3%	0.5%	22.3%	6.4%
7-15	5,763	10.9	277.4	-	0.1%	7.2%	1.0%
16-39	5,951	27.7	252.7	0.0%	0.2%	2.4%	0.2%
40-64	9,495	54.5	242.4	0.3%	1.2%	2.1%	0.3%
65-	7,412	73.4	220.7	0.2%	2.7%	1.4%	0.4%

Platelet count ($10^3/\mu\text{L}$) (female)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	3,172	3.6	322.5	0.2%	0.4%	22.7%	5.7%
7-15	5,708	11.0	273.5	0.1%	0.3%	5.6%	0.8%
16-39	8,752	28.3	271.6	0.0%	0.2%	5.9%	1.0%
40-64	13,984	53.7	262.2	0.2%	0.6%	4.9%	0.9%
65-	9,123	73.8	239.2	0.3%	1.2%	2.0%	0.3%

Platelet count ($10^3/\mu\text{L}$) (overall)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	4,336	3.6	323.3	0.2%	0.4%	23.4%	6.3%
7-15	7,431	10.9	275.0	0.0%	0.2%	5.9%	0.6%
16-39	8,467	28.6	257.0	0.1%	0.3%	3.2%	0.5%
40-64	19,485	55.0	244.9	0.3%	1.0%	2.7%	0.4%
65-	18,563	73.5	221.6	0.4%	2.7%	1.2%	0.3%

Platelet count ($10^3/\mu\text{L}$) (male)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	2,164	3.6	321.1	0.0%	0.3%	22.8%	6.0%
7-15	3,807	10.8	276.3	-	0.3%	6.1%	0.6%
16-39	3,225	27.8	249.4	-	0.3%	1.6%	0.1%
40-64	7,691	55.4	237.3	0.4%	1.4%	2.0%	0.3%
65-	8,439	73.4	213.8	0.4%	3.5%	0.9%	0.3%

Platelet count ($10^3/\mu\text{L}$) (female)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	2,172	3.6	325.4	0.3%	0.6%	24.0%	6.7%
7-15	3,624	10.9	273.6	0.0%	0.1%	5.7%	0.5%
16-39	5,242	29.1	261.7	0.1%	0.4%	4.2%	0.7%
40-64	11,794	54.6	249.9	0.2%	0.8%	3.1%	0.4%
65-	10,124	73.6	228.2	0.4%	2.1%	1.5%	0.3%

Platelet count

FY 2013

Platelet count ($10^3/\mu\text{L}$) (overall)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	3,778	3.7	324.7	0.0%	0.3%	23.9%	6.2%
7-15	6,420	10.8	279.5	0.0%	0.1%	6.3%	0.8%
16-39	6,528	29.0	262.6	0.1%	0.4%	4.1%	0.5%
40-64	16,872	55.3	249.7	0.2%	0.9%	3.3%	0.6%
65-	18,878	73.5	225.1	0.4%	2.2%	1.3%	0.3%

Platelet count ($10^3/\mu\text{L}$) (male)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	1,941	3.7	324.4	-	0.4%	24.3%	6.6%
7-15	3,287	10.9	280.5	-	0.1%	7.0%	0.9%
16-39	2,479	28.3	254.5	0.0%	0.4%	2.7%	0.2%
40-64	6,494	55.7	242.8	0.3%	1.2%	2.5%	0.3%
65-	8,603	73.4	217.5	0.4%	3.0%	1.1%	0.3%

Platelet count ($10^3/\mu\text{L}$) (female)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	1,837	3.7	325.0	0.1%	0.3%	23.6%	5.8%
7-15	3,133	10.8	278.5	0.0%	0.1%	5.6%	0.8%
16-39	4,049	29.5	267.6	0.2%	0.4%	4.9%	0.7%
40-64	10,378	55.0	253.9	0.2%	0.7%	3.8%	0.7%
65-	10,275	73.5	231.4	0.3%	1.5%	1.4%	0.3%

Platelet count ($10^3/\mu\text{L}$) (overall)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	3,293	3.8	332.1	0.1%	0.3%	26.8%	7.3%
7-15	5,832	10.9	280.7	0.1%	0.2%	6.7%	0.8%
16-39	5,838	29.0	263.7	0.1%	0.3%	4.8%	0.5%
40-64	15,563	55.1	252.9	0.2%	0.8%	3.8%	0.6%
65-	19,091	73.3	228.0	0.3%	2.2%	1.4%	0.3%

Platelet count ($10^3/\mu\text{L}$) (male)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	1,676	3.8	330.9	0.1%	0.3%	27.1%	7.0%
7-15	2,984	10.9	282.1	0.1%	0.3%	7.6%	0.9%
16-39	2,166	28.0	255.3	0.1%	0.4%	2.4%	0.3%
40-64	5,850	55.5	246.1	0.2%	1.0%	2.8%	0.4%
65-	8,644	73.3	220.7	0.4%	2.9%	1.3%	0.3%

Platelet count ($10^3/\mu\text{L}$) (female)							
Age	Examinees	Average age	Average platelet count	$89 \times 10^3/\mu\text{L}$ and below	$129 \times 10^3/\mu\text{L}$ and below	$370 \times 10^3/\mu\text{L}$ and above	$450 \times 10^3/\mu\text{L}$ and above
0-6	1,617	3.8	333.3	0.1%	0.3%	26.4%	7.7%
7-15	2,848	10.8	279.4	0.1%	0.2%	5.9%	0.6%
16-39	3,672	29.5	268.6	0.1%	0.2%	6.2%	0.7%
40-64	9,713	54.9	257.0	0.2%	0.6%	4.4%	0.8%
65-	10,447	73.3	234.0	0.3%	1.6%	1.5%	0.3%

WBC

FY 2011

WBC ($10^3/\mu\text{L}$) (overall)							
Age	Examinees	Average age	Average WBC	$2.9 \times 10^3/\mu\text{L}$ and below	$3.9 \times 10^3/\mu\text{L}$ and below	$9.6 \times 10^3/\mu\text{L}$ and above	$11.1 \times 10^3/\mu\text{L}$ and above
0-6	6,429	3.6	8.5	0.1%	0.6%	28.1%	13.0%
7-15	11,475	11.0	6.5	0.2%	3.7%	5.8%	2.0%
16-39	14,757	28.1	6.1	0.6%	6.4%	4.1%	1.4%
40-64	23,649	54.0	5.9	0.8%	8.2%	3.0%	1.0%
65-	16,723	73.7	5.9	0.6%	6.8%	2.3%	0.7%

WBC ($10^3/\mu\text{L}$) (male)							
Age	Examinees	Average age	Average WBC	$2.9 \times 10^3/\mu\text{L}$ and below	$3.9 \times 10^3/\mu\text{L}$ and below	$9.6 \times 10^3/\mu\text{L}$ and above	$11.1 \times 10^3/\mu\text{L}$ and above
0-6	3,253	3.6	8.5	0.1%	0.7%	28.3%	12.9%
7-15	5,765	10.9	6.5	0.2%	3.4%	6.0%	2.1%
16-39	5,966	27.7	6.3	0.3%	4.6%	4.6%	1.6%
40-64	9,562	54.5	6.4	0.3%	4.0%	5.1%	1.8%
65-	7,495	73.4	6.2	0.3%	4.8%	3.1%	1.1%

WBC ($10^3/\mu\text{L}$) (female)							
Age	Examinees	Average age	Average WBC	$2.9 \times 10^3/\mu\text{L}$ and below	$3.9 \times 10^3/\mu\text{L}$ and below	$9.6 \times 10^3/\mu\text{L}$ and above	$11.1 \times 10^3/\mu\text{L}$ and above
0-6	3,176	3.6	8.5	0.1%	0.4%	27.9%	13.0%
7-15	5,710	11.0	6.5	0.2%	4.0%	5.7%	1.8%
16-39	8,791	28.3	6.0	0.9%	7.6%	3.8%	1.3%
40-64	14,087	53.7	5.6	1.1%	11.1%	1.6%	0.5%
65-	9,228	73.8	5.8	0.9%	8.5%	1.7%	0.5%

FY 2012

WBC ($10^3/\mu\text{L}$) (overall)							
Age	Examinees	Average age	Average WBC	$2.9 \times 10^3/\mu\text{L}$ and below	$3.9 \times 10^3/\mu\text{L}$ and below	$9.6 \times 10^3/\mu\text{L}$ and above	$11.1 \times 10^3/\mu\text{L}$ and above
0-6	4,342	3.6	8.6	0.1%	0.4%	29.1%	13.4%
7-15	7,435	10.9	6.5	0.2%	2.6%	6.0%	2.0%
16-39	8,480	28.6	6.0	0.7%	7.8%	3.6%	1.3%
40-64	19,551	55.0	5.8	0.9%	9.7%	2.6%	0.8%
65-	18,637	73.5	5.7	0.8%	8.3%	1.7%	0.5%

WBC ($10^3/\mu\text{L}$) (male)							
Age	Examinees	Average age	Average WBC	$2.9 \times 10^3/\mu\text{L}$ and below	$3.9 \times 10^3/\mu\text{L}$ and below	$9.6 \times 10^3/\mu\text{L}$ and above	$11.1 \times 10^3/\mu\text{L}$ and above
0-6	2,166	3.6	8.6	0.0%	0.3%	29.3%	13.2%
7-15	3,809	10.8	6.5	0.2%	2.7%	6.5%	2.2%
16-39	3,230	27.9	6.1	0.4%	5.3%	4.1%	1.6%
40-64	7,717	55.4	6.2	0.3%	5.1%	4.3%	1.4%
65-	8,476	73.4	6.0	0.5%	6.1%	2.4%	0.7%

WBC ($10^3/\mu\text{L}$) (female)							
Age	Examinees	Average age	Average WBC	$2.9 \times 10^3/\mu\text{L}$ and below	$3.9 \times 10^3/\mu\text{L}$ and below	$9.6 \times 10^3/\mu\text{L}$ and above	$11.1 \times 10^3/\mu\text{L}$ and above
0-6	2,176	3.6	8.6	0.1%	0.5%	29.0%	13.5%
7-15	3,626	10.9	6.5	0.2%	2.5%	5.4%	1.8%
16-39	5,250	29.1	5.9	0.9%	9.4%	3.4%	1.1%
40-64	11,834	54.6	5.5	1.3%	12.6%	1.5%	0.4%
65-	10,161	73.6	5.5	1.0%	10.2%	1.2%	0.4%

WBC

FY 2013

WBC (10 ³ /μL) (overall)							
Age	Examinees	Average age	Average WBC	2.9x10 ³ /μL and below	3.9x10 ³ /μL and below	9.6x10 ³ /μL and above	11.1x10 ³ /μL and above
0-6	3,781	3.7	8.6	-	0.3%	30.0%	13.5%
7-15	6,421	10.8	6.6	0.1%	2.3%	6.6%	2.2%
16-39	6,536	29.0	6.1	0.4%	7.2%	3.6%	1.4%
40-64	16,920	55.3	5.8	0.8%	9.0%	2.8%	0.9%
65-	18,955	73.5	5.8	0.7%	7.6%	2.0%	0.7%

WBC (10 ³ /μL) (male)							
Age	Examinees	Average age	Average WBC	2.9x10 ³ /μL and below	3.9x10 ³ /μL and below	9.6x10 ³ /μL and above	11.1x10 ³ /μL and above
0-6	1,942	3.7	8.6	-	0.3%	30.1%	14.2%
7-15	3,287	10.9	6.6	0.0%	2.6%	7.0%	2.2%
16-39	2,480	28.3	6.2	0.2%	6.1%	3.5%	1.5%
40-64	6,510	55.7	6.3	0.3%	4.7%	4.8%	1.6%
65-	8,637	73.4	6.0	0.4%	5.5%	2.6%	0.9%

WBC (10 ³ /μL) (female)							
Age	Examinees	Average age	Average WBC	2.9x10 ³ /μL and below	3.9x10 ³ /μL and below	9.6x10 ³ /μL and above	11.1x10 ³ /μL and above
0-6	1,839	3.7	8.6	-	0.2%	30.0%	12.9%
7-15	3,134	10.8	6.7	0.2%	2.1%	6.2%	2.3%
16-39	4,056	29.5	6.0	0.5%	7.9%	3.6%	1.3%
40-64	10,410	55.0	5.5	1.0%	11.7%	1.5%	0.4%
65-	10,318	73.5	5.6	1.0%	9.3%	1.4%	0.5%

FY 2014

WBC ($10^3/\mu\text{L}$) (overall)							
Age	Examinees	Average age	Average WBC	$2.9 \times 10^3/\mu\text{L}$ and below	$3.9 \times 10^3/\mu\text{L}$ and below	$9.6 \times 10^3/\mu\text{L}$ and above	$11.1 \times 10^3/\mu\text{L}$ and above
0-6	3,295	3.8	8.6	0.0%	0.3%	30.0%	14.4%
7-15	5,832	10.9	6.6	0.2%	2.5%	6.0%	1.9%
16-39	5,843	29.0	6.0	0.8%	7.8%	4.1%	1.3%
40-64	15,591	55.1	5.9	0.8%	8.5%	3.2%	1.0%
65-	19,152	73.3	5.9	0.6%	7.3%	2.3%	0.7%

WBC ($10^3/\mu\text{L}$) (male)							
Age	Examinees	Average age	Average WBC	$2.9 \times 10^3/\mu\text{L}$ and below	$3.9 \times 10^3/\mu\text{L}$ and below	$9.6 \times 10^3/\mu\text{L}$ and above	$11.1 \times 10^3/\mu\text{L}$ and above
0-6	1,677	3.8	8.7	0.1%	0.3%	30.9%	14.3%
7-15	2,984	10.9	6.6	0.1%	2.4%	6.1%	1.9%
16-39	2,168	28.0	6.1	0.3%	6.4%	4.2%	1.4%
40-64	5,858	55.5	6.3	0.4%	4.5%	5.4%	1.9%
65-	8,676	73.3	6.1	0.3%	5.3%	3.2%	0.9%

WBC ($10^3/\mu\text{L}$) (female)							
Age	Examinees	Average age	Average WBC	$2.9 \times 10^3/\mu\text{L}$ and below	$3.9 \times 10^3/\mu\text{L}$ and below	$9.6 \times 10^3/\mu\text{L}$ and above	$11.1 \times 10^3/\mu\text{L}$ and above
0-6	1,618	3.8	8.6	-	0.3%	29.2%	14.5%
7-15	2,848	10.8	6.6	0.2%	2.6%	6.0%	2.0%
16-39	3,675	29.5	6.0	1.1%	8.6%	4.1%	1.2%
40-64	9,733	54.9	5.6	1.0%	10.9%	1.9%	0.5%
65-	10,476	73.3	5.7	0.8%	8.9%	1.5%	0.4%

Differential white blood count (neutrophil)

FY 2011

Neutrophil (count/ μ L) (overall)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	6,418	3.6	3,666	198	16,770	0.0%
7-15	11,470	11.0	3,373	324	13,876	0.0%
16-39	14,746	28.1	3,465	531	17,313	-
40-64	23,643	54.0	3,250	266	19,388	0.0%
65-	16,719	73.7	3,275	336	17,553	0.0%

Neutrophil (count/ μ L) (male)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	3,247	3.6	3,683	558	15,566	-
7-15	5,762	10.9	3,321	324	12,901	0.0%
16-39	5,962	27.7	3,428	531	14,977	-
40-64	9,559	54.5	3,494	379	15,222	0.0%
65-	7,495	73.4	3,423	336	17,553	0.0%

Neutrophil (count/ μ L) (female)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	3,171	3.6	3,649	198	16,770	0.1%
7-15	5,708	11.0	3,425	336	13,876	0.0%
16-39	8,784	28.3	3,490	581	17,313	-
40-64	14,084	53.7	3,085	266	19,388	0.0%
65-	9,224	73.8	3,156	474	15,709	0.0%

Neutrophil (count/ μ L) (overall)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	4,320	3.6	3,538	204	23,763	0.1%
7-15	7,429	10.9	3,299	664	17,052	-
16-39	8,455	28.6	3,437	637	28,578	-
40-64	19,473	55.0	3,213	554	20,720	-
65-	18,547	73.5	3,204	451	18,990	0.0%

Neutrophil (count/ μ L) (male)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	2,158	3.6	3,555	204	14,164	0.1%
7-15	3,806	10.8	3,259	822	17,052	-
16-39	3,219	27.9	3,397	805	12,797	-
40-64	7,687	55.4	3,467	736	20,720	-
65-	8,435	73.4	3,360	600	17,108	-

Neutrophil (count/ μ L) (female)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	2,162	3.6	3,521	315	23,763	0.0%
7-15	3,623	10.9	3,341	664	16,674	-
16-39	5,236	29.1	3,461	637	28,578	-
40-64	11,786	54.7	3,048	554	13,617	-
65-	10,112	73.6	3,074	451	18,990	0.0%

Differential white blood count (neutrophil)

FY 2013

Neutrophil (count/ μ L) (overall)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	3,777	3.7	3,476	525	14,067	-
7-15	6,417	10.8	3,341	315	15,498	0.0%
16-39	6,526	29.0	3,482	702	16,789	-
40-64	16,906	55.3	3,247	268	16,044	0.0%
65-	18,949	73.5	3,270	442	25,690	0.0%

Neutrophil (count/ μ L) (male)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	1,941	3.7	3,472	525	14,067	-
7-15	3,284	10.9	3,255	315	11,914	0.0%
16-39	2,476	28.3	3,421	736	16,789	-
40-64	6,505	55.7	3,499	603	14,328	-
65-	8,633	73.4	3,428	528	21,549	-

Neutrophil (count/ μ L) (female)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	1,836	3.7	3,480	526	12,243	-
7-15	3,133	10.8	3,431	761	15,498	-
16-39	4,050	29.5	3,520	702	13,513	-
40-64	10,401	55.0	3,089	268	16,044	0.0%
65-	10,316	73.5	3,138	442	25,690	0.0%

FY 2014

Neutrophil (count/ μ L) (overall)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	3,293	3.8	3,526	301	12,784	0.0%
7-15	5,831	10.9	3,279	493	13,655	0.0%
16-39	5,838	29.0	3,479	714	12,900	-
40-64	15,583	55.1	3,282	450	17,777	0.0%
65-	19,151	73.3	3,314	81	23,197	0.0%

Neutrophil (count/ μ L) (male)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	1,677	3.8	3,579	862	12,784	-
7-15	2,984	10.9	3,215	493	13,655	0.0%
16-39	2,167	28.0	3,401	952	12,900	-
40-64	5,855	55.5	3,556	652	17,777	-
65-	8,675	73.3	3,490	504	23,197	-

Neutrophil (count/ μ L) (female)						
Age	Examinees	Average age	Average neutrophil	Minimum value	Maximum value	500/ μ L and below
0-6	1,616	3.8	3,471	301	11,692	0.1%
7-15	2,847	10.8	3,346	624	12,171	-
16-39	3,671	29.5	3,526	714	12,316	-
40-64	9,728	54.9	3,118	450	12,766	0.0%
65-	10,476	73.3	3,167	81	21,143	0.0%

Differential white blood count (lymphocyte)

FY 2011

Lymphocyte (count/ μ L) (overall)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	6,418	3.6	4,134	500	14,687	0.0%
7-15	11,470	11.0	2,524	210	6,890	0.1%
16-39	14,746	28.1	2,105	351	6,247	0.0%
40-64	23,643	54.0	2,125	350	35,322	0.0%
65-	16,719	73.7	2,153	377	14,380	0.0%

Lymphocyte (count/ μ L) (male)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	3,247	3.6	4,055	500	14,687	0.0%
7-15	5,762	10.9	2,533	210	6,890	0.1%
16-39	5,962	27.7	2,232	390	6,247	0.0%
40-64	9,559	54.5	2,278	535	6,598	-
65-	7,495	73.4	2,172	468	14,380	0.0%

Lymphocyte (count/ μ L) (female)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	3,171	3.6	4,214	975	14,091	-
7-15	5,708	11.0	2,514	322	6,879	0.1%
16-39	8,784	28.3	2,018	351	5,611	0.0%
40-64	14,084	53.7	2,021	350	35,322	0.0%
65-	9,224	73.8	2,137	377	10,009	0.0%

FY 2012

Lymphocyte (count/ μ L) (overall)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	4,320	3.6	4,261	418	16,188	0.0%
7-15	7,429	10.9	2,575	199	8,981	0.0%
16-39	8,455	28.6	2,002	536	6,354	-
40-64	19,473	55.0	2,023	367	13,909	0.0%
65-	18,547	73.5	2,003	332	41,569	0.0%

Lymphocyte (count/ μ L) (male)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	2,158	3.6	4,202	865	14,211	-
7-15	3,806	10.8	2,582	199	8,981	0.0%
16-39	3,219	27.9	2,136	723	6,354	-
40-64	7,687	55.4	2,138	367	5,568	0.0%
65-	8,435	73.4	2,013	396	11,115	0.0%

Lymphocyte (count/ μ L) (female)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	2,162	3.6	4,321	418	16,188	0.0%
7-15	3,623	10.9	2,569	418	8,526	0.0%
16-39	5,236	29.1	1,920	536	5,628	-
40-64	11,786	54.7	1,949	396	13,909	0.1%
65-	10,112	73.6	1,994	332	41,569	0.0%

Differential white blood count (lymphocyte)

FY 2013

Lymphocyte (count/ μ L) (overall)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	3,777	3.7	4,330	945	15,912	-
7-15	6,417	10.8	2,633	687	7,425	-
16-39	6,526	29.0	2,020	371	5,396	0.0%
40-64	16,906	55.3	2,042	210	7,391	0.0%
65-	18,949	73.5	2,017	124	12,381	0.0%

Lymphocyte (count/ μ L) (male)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	1,941	3.7	4,304	954	15,912	-
7-15	3,284	10.9	2,633	696	6,210	-
16-39	2,476	28.3	2,122	371	5,375	0.1%
40-64	6,505	55.7	2,156	524	7,391	-
65-	8,633	73.4	2,029	124	12,381	0.0%

Lymphocyte (count/ μ L) (female)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	1,836	3.7	4,357	945	13,244	-
7-15	3,133	10.8	2,634	687	7,425	-
16-39	4,050	29.5	1,958	452	5,396	0.0%
40-64	10,401	55.0	1,971	210	6,469	0.0%
65-	10,316	73.5	2,006	360	6,930	0.0%

FY 2014

Lymphocyte (count/ μ L) (overall)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	3,293	3.8	4,299	620	13,600	-
7-15	5,831	10.9	2,624	591	6,474	-
16-39	5,838	29.0	2,018	574	6,390	-
40-64	15,583	55.1	2,057	306	20,155	0.0%
65-	19,151	73.3	2,040	310	80,504	0.0%

Lymphocyte (count/ μ L) (male)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	1,677	3.8	4,236	620	13,600	-
7-15	2,984	10.9	2,630	591	6,474	-
16-39	2,167	28.0	2,122	594	6,390	-
40-64	5,855	55.5	2,158	470	7,760	0.0%
65-	8,675	73.3	2,042	310	9,257	0.1%

Lymphocyte (count/ μ L) (female)						
Age	Examinees	Average age	Average lymphocyte count	Minimum value	Maximum value	500/ μ L and below
0-6	1,616	3.8	4,364	1,015	12,403	-
7-15	2,847	10.8	2,617	597	5,862	-
16-39	3,671	29.5	1,957	574	4,949	-
40-64	9,728	54.9	1,996	306	20,155	0.0%
65-	10,476	73.3	2,039	425	80,504	0.0%

Differential white blood count (monocyte)

FY 2011

Monocyte (count/ μ L) (overall)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	6,418	3.6	440	0	1,936
7-15	11,470	11.0	355	0	1,380
16-39	14,746	28.1	338	0	1,150
40-64	23,643	54.0	319	0	1,558
65-	16,719	73.7	330	0	1,369

Monocyte (count/ μ L) (male)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	3,247	3.6	454	0	1,683
7-15	5,762	10.9	366	0	1,380
16-39	5,962	27.7	361	0	1,150
40-64	9,559	54.5	363	0	1,558
65-	7,495	73.4	366	19	1,369

Monocyte (count/ μ L) (female)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	3,171	3.6	426	0	1,936
7-15	5,708	11.0	343	0	1,242
16-39	8,784	28.3	322	0	1,120
40-64	14,084	53.7	289	26	986
65-	9,224	73.8	301	0	1,293

Monocyte (count/ μ L) (overall)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	4,320	3.6	445	0	2,580
7-15	7,429	10.9	350	0	1,455
16-39	8,455	28.6	329	0	1,017
40-64	19,473	55.0	317	0	1,729
65-	18,547	73.5	332	38	3,913

Monocyte (count/ μ L) (male)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	2,158	3.6	460	0	2,580
7-15	3,806	10.8	362	39	1,455
16-39	3,219	27.9	353	43	1,017
40-64	7,687	55.4	362	0	1,161
65-	8,435	73.4	368	44	3,913

Monocyte (count/ μ L) (female)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	2,162	3.6	431	30	1,708
7-15	3,623	10.9	337	0	1,372
16-39	5,236	29.1	314	0	988
40-64	11,786	54.7	289	29	1,729
65-	10,112	73.6	303	38	3,128

Differential white blood count (monocyte)

FY 2013

Monocyte (count/ μ L) (overall)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	3,777	3.7	450	0	1,611
7-15	6,417	10.8	357	0	1,180
16-39	6,526	29.0	332	38	1,092
40-64	16,906	55.3	318	21	1,273
65-	18,949	73.5	334	58	1,989

Monocyte (count/ μ L) (male)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	1,941	3.7	465	0	1,462
7-15	3,284	10.9	365	43	1,174
16-39	2,476	28.3	356	38	1,092
40-64	6,505	55.7	362	21	1,273
65-	8,633	73.4	369	58	1,989

Monocyte (count/ μ L) (female)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	1,836	3.7	435	0	1,611
7-15	3,133	10.8	349	0	1,180
16-39	4,050	29.5	317	42	997
40-64	10,401	55.0	290	55	1,258
65-	10,316	73.5	304	79	1,827

FY 2014

Monocyte (count/ μ L) (overall)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	3,293	3.8	445	0	1,760
7-15	5,831	10.9	350	0	1,430
16-39	5,838	29.0	330	0	1,165
40-64	15,583	55.1	322	22	10,417
65-	19,151	73.3	341	55	2,803

Monocyte (count/ μ L) (male)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	1,677	3.8	462	0	1,663
7-15	2,984	10.9	362	0	1,430
16-39	2,167	28.0	354	51	1,165
40-64	5,855	55.5	366	57	1,392
65-	8,675	73.3	378	61	2,385

Monocyte (count/ μ L) (female)					
Age	Examinees	Average age	Average monocyte count	Minimum value	Maximum value
0-6	1,616	3.8	426	0	1,760
7-15	2,847	10.8	338	54	1,127
16-39	3,671	29.5	316	0	958
40-64	9,728	54.9	295	22	10,417
65-	10,476	73.3	311	55	2,803

Differential white blood count (eosinophil)

FY 2011

Eosinophil (count/ μ L) (overall)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	6,418	3.6	223	0	2,720
7-15	11,470	11.0	214	0	2,331
16-39	14,746	28.1	175	0	3,310
40-64	23,643	54.0	160	0	3,180
65-	16,719	73.7	153	0	5,852

Eosinophil (count/ μ L) (male)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	3,247	3.6	250	0	1,980
7-15	5,762	10.9	244	0	2,135
16-39	5,962	27.7	201	0	3,141
40-64	9,559	54.5	190	0	3,180
65-	7,495	73.4	179	0	5,852

Eosinophil (count/ μ L) (female)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	3,171	3.6	195	0	2,720
7-15	5,708	11.0	185	0	2,331
16-39	8,784	28.3	158	0	3,310
40-64	14,084	53.7	139	0	2,353
65-	9,224	73.8	133	0	3,110

FY 2012

Eosinophil (count/ μ L) (overall)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	4,320	3.6	288	0	2,317
7-15	7,429	10.9	266	0	2,402
16-39	8,455	28.6	180	0	3,457
40-64	19,473	55.0	158	0	3,438
65-	18,547	73.5	150	0	6,024

Eosinophil (count/ μ L) (male)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	2,158	3.6	316	0	2,183
7-15	3,806	10.8	304	0	2,156
16-39	3,219	27.9	210	0	1,610
40-64	7,687	55.4	188	0	3,438
65-	8,435	73.4	174	0	6,024

Eosinophil (count/ μ L) (female)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	2,162	3.6	261	0	2,317
7-15	3,623	10.9	226	0	2,402
16-39	5,236	29.1	162	0	3,457
40-64	11,786	54.7	139	0	3,394
65-	10,112	73.6	131	0	1,808

Differential white blood count (eosinophil)

FY 2013

Eosinophil (count/ μ L) (overall)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	3,777	3.7	301	0	2,793
7-15	6,417	10.8	275	0	3,737
16-39	6,526	29.0	176	0	4,563
40-64	16,906	55.3	160	0	4,717
65-	18,949	73.5	153	0	17,225

Eosinophil (count/ μ L) (male)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	1,941	3.7	333	0	2,793
7-15	3,284	10.9	314	0	3,737
16-39	2,476	28.3	206	0	4,563
40-64	6,505	55.7	190	0	4,618
65-	8,633	73.4	178	0	3,885

Eosinophil (count/ μ L) (female)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	1,836	3.7	267	0	2,121
7-15	3,133	10.8	234	0	1,628
16-39	4,050	29.5	158	0	1,168
40-64	10,401	55.0	141	0	4,717
65-	10,316	73.5	132	0	17,225

FY 2014

Eosinophil (count/ μ L) (overall)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	3,293	3.8	294	0	3,117
7-15	5,831	10.9	277	0	3,132
16-39	5,838	29.0	176	0	2,000
40-64	15,583	55.1	161	0	2,215
65-	19,151	73.3	154	0	2,312

Eosinophil (count/ μ L) (male)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	1,677	3.8	327	0	3,117
7-15	2,984	10.9	325	0	3,132
16-39	2,167	28.0	203	0	2,000
40-64	5,855	55.5	192	0	1,840
65-	8,675	73.3	179	0	2,312

Eosinophil (count/ μ L) (female)					
Age	Examinees	Average age	Average eosinophil count	Minimum value	Maximum value
0-6	1,616	3.8	259	0	2,114
7-15	2,847	10.8	228	0	1,875
16-39	3,671	29.5	159	0	1,973
40-64	9,728	54.9	143	0	2,215
65-	10,476	73.3	133	0	2,035

Differential white blood count (basophil)

FY 2011

Basophil (count/ μ L) (overall)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	6,418	3.6	36	0	378
7-15	11,470	11.0	31	0	703
16-39	14,746	28.1	30	0	390
40-64	23,643	54.0	30	0	463
65-	16,719	73.7	28	0	1,286

Basophil (count/ μ L) (male)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	3,247	3.6	38	0	378
7-15	5,762	10.9	33	0	703
16-39	5,962	27.7	31	0	390
40-64	9,559	54.5	32	0	463
65-	7,495	73.4	29	0	1,286

Basophil (count/ μ L) (female)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	3,171	3.6	35	0	321
7-15	5,708	11.0	29	0	338
16-39	8,784	28.3	28	0	210
40-64	14,084	53.7	28	0	190
65-	9,224	73.8	27	0	636

FY 2012

Basophil (count/ μ L) (overall)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	4,320	3.6	39	0	471
7-15	7,429	10.9	33	0	440
16-39	8,455	28.6	38	0	306
40-64	19,473	55.0	40	0	542
65-	18,547	73.5	38	0	2,021

Basophil (count/ μ L) (male)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	2,158	3.6	40	0	471
7-15	3,806	10.8	36	0	440
16-39	3,219	27.9	40	0	273
40-64	7,687	55.4	43	0	542
65-	8,435	73.4	41	0	2,021

Basophil (count/ μ L) (female)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	2,162	3.6	37	0	426
7-15	3,623	10.9	30	0	408
16-39	5,236	29.1	37	0	306
40-64	11,786	54.7	37	0	216
65-	10,112	73.6	36	0	395

Differential white blood count (basophil)

FY 2013

Basophil (count/ μ L) (overall)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	3,777	3.7	38	0	1,120
7-15	6,417	10.8	34	0	798
16-39	6,526	29.0	40	0	258
40-64	16,906	55.3	41	0	345
65-	18,949	73.5	39	0	683

Basophil (count/ μ L) (male)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	1,941	3.7	40	0	1,120
7-15	3,284	10.9	35	0	231
16-39	2,476	28.3	42	0	192
40-64	6,505	55.7	45	0	345
65-	8,633	73.4	41	0	590

Basophil (count/ μ L) (female)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	1,836	3.7	36	0	340
7-15	3,133	10.8	32	0	798
16-39	4,050	29.5	39	0	258
40-64	10,401	55.0	39	0	230
65-	10,316	73.5	37	0	683

FY 2014

Basophil (count/ μ L) (overall)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	3,293	3.8	37	0	326
7-15	5,831	10.9	33	0	248
16-39	5,838	29.0	39	0	239
40-64	15,583	55.1	42	0	225
65-	19,151	73.3	41	0	921

Basophil (count/ μ L) (male)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	1,677	3.8	39	0	326
7-15	2,984	10.9	35	0	248
16-39	2,167	28.0	40	0	239
40-64	5,855	55.5	46	0	200
65-	8,675	73.3	43	0	921

Basophil (count/ μ L) (female)					
Age	Examinees	Average age	Average basophil count	Minimum value	Maximum value
0-6	1,616	3.8	34	0	320
7-15	2,847	10.8	30	0	220
16-39	3,671	29.5	38	0	190
40-64	9,728	54.9	40	0	225
65-	10,476	73.3	39	0	552

【Summary】

Although there are no significant changes in the survey population of FY 2012-2014 from FY 2011, the participants, the time of receiving their health exams and the medical organizations differ. Due to such modifying factors, this is not a strict comparison.

Exam schedule for participants aged 15 years old and under is the following: Jan-Mar 2012 for FY 2011, Jul-Dec 2012 for FY 2012, Jul-Dec 2013 for FY 2013, and Jul-Dec 2014 for FY 2014.

- 1) The average weight of participants decreased in every age group of 64 and younger in FY 2012 from FY 2011. Afterward, the average weight of those aged 16-64 years gradually decreased. In the age group of 65 years and older, the average weight slightly increased over time from FY 2011. The prevalence of males weighing 70 kg and above in the age group of 16-64 gradually decreased since FY 2012, whereas it successively increased in the age group of 65 years and older. The prevalence of females weighing 65 kg and above steadily increased in the age group of 16 and older.
- 2) Overweight individuals with a BMI of 25 kg/m² or above for FY 2011 increased with age (22.3% in the age group of 16-39, and 37.1% in the age group of 65 and older). The prevalence of overweight individuals was higher among males in all age groups compared with females. The prevalence stayed almost the same from FY 2011 through FY 2013, but it decreased from FY 2013 through FY 2014 in every age group (21.8% in the age group of 16-39, and 34.3% in the age group of 65 and older).
- 3) The prevalence of males with abdominal circumference (AC) above diagnostic criteria of metabolic syndrome (85 cm and above) in FY 2011 was 37.3% in the age group of 16-39, 56.0% in the age group of 40-64, 58.2% in the age group of 65 and older. It decreased respectively in FY 2014: 32.0%; 55.3%; 56.2%. The prevalence of females with AC above diagnostic criteria of metabolic syndrome (90 cm and above) in FY 2011 was: 9.5% in the age group of 16-39, 19.5% in the age group of 40-64, 26.7% in the age group of 65 and older. In FY 2014, it decreased in the age group of 16-39 (8.5%), and in the age group of 65 and older (26.4%), but increased in the age group of 40-64 (20.7%).
- 4) The prevalence of hypertensive individuals, with a systolic blood pressure of 140 mmHg and above or a diastolic pressure of 90 mmHg and above, decreased among both males and females aged 40 and older over the years in FY 2012-2014 compared with FY 2011. The prevalence was low in males and females aged 39 and younger, and even lower in FY 2012-2014 compared with FY 2011. The prevalence of hypertensive individuals was higher among males than females in all age groups.
- 5) The prevalence of individuals who test positive for urinary sugar (1+) and above decreased among males and females in every age group of 16 and older in FY 2014 compared with FY 2011.
- 6) The prevalence of urine protein (1+) and above continued to increase in the age group of 16-39 from 1.1% in FY 2011 to 2.2% (FY 2012), 2.4% (FY 2013), and 2.5% (FY 2014). In other age groups, the prevalence was almost the same as in FY 2011.
- 7) The prevalence of urine occult blood (1+) and above omitting the time period during menstruation in FY 2012-2014 was almost the same as FY 2011.
- 8) The prevalence of serum creatinine 1.15mg/dL and above, an indicator of impaired renal function,

- among males aged 65 and older increased over the years from 7.6% in FY 2011 to 8.3% in FY 2012, 9.0% in FY 2013, and 9.9% in FY 2014.
- 9) The prevalence of eGFR less than 60ml/min/1.73m^2 , an indicator of impaired renal function, increased among males and females aged 40 and older over the years in FY 2012-2014 compared with FY 2011.
 - 10) The prevalence of impaired glucose tolerance indicated by fasting plasma glucose of 110 mg/dL and above remained the same among males and females in the age groups of 16-39 and 40-64 from FY 2011 to FY 2014. In the age group of 65 and older, the prevalence decreased among males and females for FY 2014.
 - 11) The prevalence of impaired glucose tolerance indicated by HbA1c 6.0% and above increased among males and females in age groups of 16 and older for FY 2014 compared with FY 2011. However, the prevalence of poor blood sugar control of HbA1c 7.0% and above decreased among males and females in age groups of 40 and older for FY 2014 compared with FY 2011.
 - 12) The prevalence of abnormal lipid metabolism with an LDL cholesterol of 120 mg/dL and above, triglyceride of 150 mg/dL and above, and HDL-C less than 40 mg/dL increased with age in FY 2011: 13.2%, 7.0%, and 2.9% respectively in the age group of 7-15. The prevalence slightly decreased in the age group of 65 and older in FY 2012. In the age group of 7-15, the prevalence of hypertriglyceridemia gradually increased in FY 2014.
 - 13) The prevalence of hepatic dysfunction indicated by AST, ALT, or γ -GT above their reference intervals increased from FY 2011 to 2012, but it dropped to the level of FY 2011 in FY 2013. Moreover, it decreased from FY 2013 to FY 2014.
 - 14) The prevalence of hyperuricemia with a uric acid level of 7.1 mg/dL and above among males in FY 2011 was: 4.7% in the age group of 7-15; 18.5% in the age group of 16-39; and 18.1% in the age group of 40-64. The prevalence was markedly higher among males than females in all age groups. Compared with FY 2011, it increased in all age groups except for 65 and over in FY 2014: 5.0% in the age group of 7-15; 22.0% in the age group of 16-39; and 20.3% in the age group of 40-64 among males.
 - 15) RBC, hemoglobin, and hematocrit: There were no significant differences in the average value of each age group through FY 2011-2014.
 - 16) Platelet count: There were no significant changes in the average value of each age group through FY 2011-2014.
 - 17) There were no changes in the value of RBC, WBC, and platelet count among children in FY 2012, 2013, and 2014 compared with FY 2011.
 - 18) WBC differential: There were no significant changes in the average value of each age group through FY 2011-2014. There was no increase in the prevalence of lymphocyte counts 500/ μL and below. There were no significant changes in the average absolute counts of neutrophils, lymphocytes, monocytes, eosinophils, or basophils in the age groups of 0-6 and 7-15 through FY 2011-2014.

0000000000

FY 2015

(Draft)

Fukushima Health Management Survey

Mental Health and Lifestyle Survey

Questionnaire (For ages 0-3)

〒963-0000

Room 302, Idai Apartment

1, Hikarigaoka, Fukushima city

Mr. Taro Idai

00X0X0X

Enter the required items in the fields below.
Please check ☒ in corresponding boxes.

Date of entry : MM/DD/2016

Child's name : _____

Sex : ☐ M ☐ F

Child's date of birth : MM/DD/YYYY

Who will respond to the survey?

☐ Mother☐ Father☐ Grandparents☐ Other

(_____)

Name of guardian :

(Relationship : _____)

(Change of mailing address) Please enter only if mailing address differs from the address mentioned above.

〒

Prefecture

City,
ward,
countyWard,
town,
village

Name of apartment/room number etc. _____

Contact information

Phone number ※The mental health support team may contact you.

Home : (_____) — _____ (Name _____)

Cell : _____ — _____ — _____

Fukushima Prefecture, Fukushima Medical University

Please check ✓ in the corresponding small boxes □ below.

Q1. Describe your child's current health condition.

₁□ Very good ₂□ Good ₃□ Normal ₄□ Bad ₅□ Very bad

Q2. Please enter your child's current height and weight.

Example : Height 89.9cm weight 12.6kg (enter values right justified)

Height cm Weight kg

Height . cm Weight . kg

Q3. Is your child currently receiving treatment for (a) disease(s), etc.?

₁□ No ₂□ Yes If so, please check ✓ in the corresponding boxes□.

☐ Asthma (Infantile Asthma/bronchial asthma) ☐ Allergic rhinitis ☐ Atopic dermatitis

☐ Allergic diseases other than 1-3 ☐ Common Cold

☐ Influenza

☐ Tympanitis ☐ Nasal sinus/empyema

☐ Odontopathy (Cavities, braces, cleft lip and palate, etc.)

☐ Epilepsy ☐ ADHD (attention deficit hyperactivity)

☐ Other (Specific name of disease) (_____)

Q4. Has your child been hospitalized due to an illness within this year?

₁□ No ₂□ Yes If so, please check ✓ the corresponding boxes□.

☐ Asthma (Infantile Asthma/bronchial asthma) ☐ Pneumonia (acute/bronchial pneumonia)

☐ Mycoplasma pneumonia

☐ Respiratory syncytial virus infection (Respiratory syncytial virus pneumonia)

☐ Common cold ☐ Bronchitis (Acute bronchitis)

☐ Influenza ☐ Gastroenteritis (acute gastroenteritis)

☐ Rotavirus infection

☐ Febrile convulsion ☐ Kawasaki disease ☐ Inguinal hernia (hernia)

☐ Other (Specific diseases) (_____)

Q5. Below are questions regarding your child's sleeping habits.

1) When does your child regularly sleep or wake up?

(Enter right justified based on 24-hour clock.
 (Ex) 7:10PM→ 7:10AM→)

Bedtime h min Time to wake up h min

2) Does your child take naps?

☐ No

☐ Yes



About

h

min

Q6. Below are questions for guardians who have a child aged 2 years or younger. How much does your child exercise?
 (Running around indoors, kicking balls, riding tricycles, etc.)

☐ Almost every day ☐ Around 2-4 times per week

☐ Once a week ☐ Almost never

Q7. Below are questions regarding your child's diet.

1) Does your child drink breast milk?

☐ Yes

☐ No

2) Below are questions for guardians who have a child aged 1 year old or more.

Please check ✓ in corresponding boxes regarding your child's past month diet.

① Does your child eat seafood 3 days or more per week?..... ☐ Yes ☐ No

② Does your child eat food such as vegetables other than pickles, seaweed or mushrooms

almost every day?..... ☐ Yes ☐ No

③ Does your child eat fruits almost every day?.....

☐ Yes ☐ No

④ Does your child eat soy products (Tofu, deep fried tofu, natto, boiled beans, etc.) almost

every day?.. ☐ Yes ☐ No

⑤ Does your child eat dairy products (milk, yogurt, etc.) almost every day?.....

☐ Yes ☐ No

Q8. Are there ever times when you doubt your ability to raise a child?

☐ Yes

☐ No

☐ Cannot say



※ If you have concerns regarding your child's health or comments regarding this survey, please describe them below.

Your comments will be used for references for future health management and surveys.

[Large empty space for comments]

That is it for the questions.

Please enclose the questionnaire in a return envelope and send it by mail.

Thank you for your cooperation.



〔Contact〕

- Exclusively for the Mental Health and Lifestyle Survey
Radiation Medical Science Center, Fukushima Medical
University

Phone number: 024-549-5170

(9 : 00-17 : 00 with the exception of Dec 29-Jan 3 and
weekends/holidays)

0000000000

FY 2015

(Draft)

Fukushima Health Management Survey

Mental Health and Lifestyle Survey

Questionnaire (For ages 4-6)

〒963-0000

Room 302, Idai Apartment

1, Hikarigaoka, Fukushima city

Taro Idai

00X0X0X

Enter the required items in the fields below.

Please check ☒ in corresponding boxes.

Date of entry : MM/DD/2016

Child's name : _____

Sex : ☐ M ☐ F

Child's DOB : MM/DD/YYYY

Who will respond to the survey?

☐ Mother☐ Father☐ Grandparents☐ Other

(_____)

Name _____ of _____ guardian _____ :

(Relationship : _____)

(Change of mailing address) Please enter if your mailing address differs from the address mentioned above.

 〒 _____ - _____ City, ward, county Ward, town, village
 Prefecture

Name of apartment/room number etc. _____

Contact information

Phone number ※The mental health support team may contact you.

Home : (_____) _____ — _____ (Name _____)

Cell : _____ — _____ — _____

Fukushima Prefecture, Fukushima Medical University

Please check ✓ in the corresponding small boxes □ below.

Q1. Describe your child's current health condition.

₁□ Very good ₂□ Good ₃□ Normal ₄□ Bad ₅□ Very bad

Q2. Please enter your child's current height and weight.

Example : Height 89.9cm, weight 12.6kg (enter values right justified)

Height cm Weight kg
Height cm Weight kg

Q3. Is your child currently receiving treatment for (a) disease(s), etc.?

₁□ No ₂□ Yes

If so, please check ✓ in the corresponding boxes□.

- ₁□ Asthma (Infantile Asthma/bronchial asthma) ₂□ Allergic rhinitis ₃□ Atopic dermatitis
₄□ Allergic diseases other than 1-3 ₅□ Common Cold
₆□ Influenza
₇□ Tympanitis ₈□ Nasal sinus/empyema ₉□
Odontopathy (Cavities, braces, cleft lip and palate, etc.)
₁₀□ Epilepsy ₁₁□ ADHD (attention deficit hyperactivity)
₁₂□ Other (Specific name of disease) (_____)

Q4. Has your child been hospitalized due to an illness within this year?

₁□ No ₂□ Yes

If so, please check ✓ in the corresponding boxes□.

- ₁□ Asthma (Infantile Asthma/bronchial asthma) ₂□ Pneumonia (acute/bronchial pneumonia)
₃□ Mycoplasma pneumonia
₄□ Respiratory syncytial virus infection (Respiratory syncytial virus pneumonia) ₅
₆□ Common cold ₇□ Bronchitis (Acute bronchitis)
₇□ Influenza ₈□ Gastroenteritis (acute gastroenteritis)
₉□ Rotavirus infection
₁₀□ Febrile convulsion ₁₁□ Kawasaki disease ₁₂□ Inguinal hernia (hernia)
₁₃□ Other (Specific diseases) (_____)

Q5. Below are questions regarding your child's sleeping habits.

1) When does your child regularly sleep or wake up?

(Enter right justified based on 24-hour clock.
(Ex) 7:10PM→ 7:10AM→)

Bedtime h min Time to wake up h min

2) Does your child take naps?

☐ No ☐ Yes  About h min

Q6. Below are questions for guardians who have a child aged 2 years or younger. How much does your child exercise?

(Running around indoors, kicking balls, riding tricycles, etc.)

- ☐ Almost every day ☐ Around 2-4 times per week
☐ Once a week ☐ Almost never

Q7. Please check ✓ in the corresponding boxes ☐ below regarding your child's diet during the past month.

- 1) Does your child eat fast compared to others?..... ☐ Fast ☐ Normal ☐ Slow
- 2) Does your child drink beverages containing sugar (juice, soft drinks) every day?..... ☐
Yes ☐ No
- 3) Does your child eat seafood 3 days or more per week?..... ☐ Yes ☐ No
- 4) Does your child eat food such as vegetables other than pickles, seaweed or mushrooms almost every day?..... ☐ Yes ☐ No
- 5) Does your child eat fruits almost every day?.....
☐ Yes ☐ No
- 6) Does your child eat soy products (Tofu, deep fried tofu, natto, boiled beans, etc.) almost every day?.. ☐ Yes ☐ No
- 7) Does your child eat dairy products (milk, yogurt, etc.) almost every day?.....
☐ Yes ☐ No
- 8) Does your child eat pre-cooked food such as side dishes and boxed meal (including instant food) almost every day?..... ☐ Yes ☐ No
- 9) Does your child eat out (including fast food) almost every day?.....
☐ Yes ☐ No

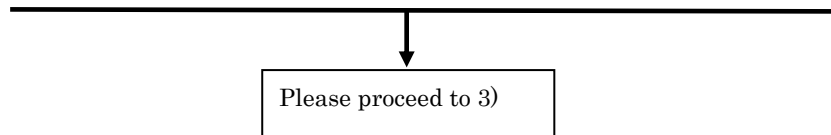
Q8. For each question item below, please check the box “Does not apply”, “Somewhat applies” or “Applies” (Ex: ☒). Even if you are unsure of your answer, or if you think the question is absurd, please make sure to answer all questions.

1) Please describe your child’s behavior in the past 6 months.

	Does not apply	Some- what applies	Applies
1 My child is often considerate towards feelings of others.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 My child is restless and can’t stay put for a long period of time.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 My child often complains of headaches, stomachaches and feeling sick.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 My child often shares things (snacks, toys, pencils, etc.) with other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 My child often gets angry or loses his/her temper.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 My child likes being alone and often plays alone.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 My child is obedient and usually listens to adults.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8 My child has many concerns and always seems nervous.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9 My child proactively helps others if somebody is hurt, depressed or harassed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10 My child is always restless and fidgets often.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11 My child has at least one close friend.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12 My child has fights with or bullies other children often.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13 My child often feels down or has tears in his/her eyes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14 My child is mostly liked by other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15 My child has difficulty paying attention and cannot focus on one thing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16 My child easily loses confidence, gets nervous, and hangs on my arm when he or she is confronted with a new situation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17 My child is kind to younger children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18 My child often covers up the truth or lies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19 My child has been bullied or made fun of by other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20 My child often helps others (parents, teachers, other children, etc.) proactively.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21 My child thinks thoroughly before taking action.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22 My child often steals from home, school, and others.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23 My child seems more comfortable with adults than spending time with other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24 My child is a coward and gets scared easily.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2) Overall, do you think your child has any issues in one or more of the following areas:
emotions, paying attention, behaviors or relationships with others?

₁☐ No ₂☐ Yes (small issues) ₃☐ Yes (clear issues) ₄☐ Yes (serious issues)



3) Below are questions for guardians who responded “yes” above. Does your child worry or become upset about these issues?

₁☐ Not at all ₂☐ Just a little ₃☐ Very ₄☐ Greatly

Q9. Does your child ever refuse to go to nursery school or kindergarten?

₁☐ Yes ₂☐ No ₃☐ My child is currently not enrolled in nursery school or kindergarten.

✖ If you have any concerns regarding your child’s health or comments regarding this survey, please describe them below.

Your comments will be used for references for future health management and surveys.

That is it for the questions.

Please enclose the questionnaire in a return envelope and sent it by mail.

Thank you for your cooperation.

0000000000

〔Contact〕



- Exclusively for the Mental Health and Lifestyle Survey
Radiation Medical Science Center, Fukushima Medical
University
Phone number: 024-549-5170
(9 : 00-17 : 00 with the exception of Dec 29-Jan 3 and
weekends/holidays)

0000000000

FY 2015

(Draft)

Fukushima Health Management Survey

Mental Health and Lifestyle Survey

Questionnaire (For elementary school students)

〒963-0000

Room 302, Idai Apartment
1, Hikarigaoka, Fukushima city

Taro Idai

00X0X0X

Enter the required items in the fields below.
Please check ☒ in corresponding boxes.

Date of entry : MM/DD/2016

Child's name : _____

Sex : ☐ M ☐ F

Child's DOB : MM/DD/YYYY

Who will respond to the survey?

☐ Mother ☐ Father ☐ Grandparents ☐ Other
(_____)

Signature of guardian :

(Relationship : _____)

(Change of mailing address) Please enter if your mailing address differs from the address mentioned above.

〒 _____ - _____ City, ward, county Ward, town, village
Prefecture

Name of apartment/room number etc. _____

Contact information

Phone number ※The mental health support team may contact you.

Home : (_____) _____ — _____ (Name _____)

Cell : _____ — _____ — _____

Fukushima Prefecture, Fukushima Medical University

Please check ✓ in the corresponding small boxes □ below.

Q1. Describe your child's current health condition.

1□ Very good 2□ Good 3□ Normal 4□ Bad 5□ Very bad

Q2. Please enter your child's current height and weight.

Example : Height 145.0cm, weight 38.0kg (enter values right justified)

Height cm Weight kg
 Height cm Weight kg

Q3. Is your child currently receiving treatment for (a) disease(s), etc.?

1□ No 2□ Yes

If so, please check ✓ in the corresponding boxes□.

- 1□ Asthma (Infantile Asthma/bronchial asthma) 2□ Allergic rhinitis 3□ Atopic dermatitis
 4□ Allergic diseases other than 1-3 5□ Common Cold
 6□ Influenza
 7□ Tympanitis 8□ Nasal sinus/empyema
 9□ Odontopathy (Cavities, braces, cleft lip and palate, etc.)
 10□ Epilepsy 11□ ADHD (attention deficit hyperactivity)
 12□ Other (Specific name of disease) (_____)

Q4. Has your child been hospitalized due to an illness within this year?

1□ No 2□ Yes

If so, please check ✓ in the corresponding boxes□.

- 1□ Asthma (Infantile Asthma/bronchial asthma) 2□ Pneumonia (acute/bronchial pneumonia)
 3□ Mycoplasma pneumonia
 4□ Respiratory syncytial virus infection (Respiratory syncytial virus pneumonia)
 5□ Common cold 6□ Bronchitis (Acute bronchitis)
 7□ Influenza 8□ Gastroenteritis (acute gastroenteritis)
 9□ Rotavirus infection
 10□ Febrile convulsion 11□ Kawasaki disease 12□ Inguinal hernia (hernia)
 13□ Other (Specific diseases) (_____)

Q5. When does your child regularly go to sleep and wake up?

(Enter right justified based on 24-hour clock.
 (Ex) 7:10PM→ 1 9 1 0 7:10AM→ 7 1 0)

Bedtime h min Time to wake up h min

Q6. How much does your child exercise regularly aside from physical education classes (club activities, sport-related lessons, etc.)?

☐ Almost every day ☐ Around 2-4 times per week

☐ Once a week ☐ Almost never

Q7. Please check ✓ in the corresponding boxes ☐ below regarding your child's diet during the past month.

1) Does your child eat fast compared to others?..... ☐ Fast ☐ Normal ☐ Slow

2) Does your child skip breakfast often?..... ☐ Yes ☐ No

3) Does your child drink beverages containing sugar (juice, soft drinks) every day?....

☐ Yes ☐ No

4) Does your child eat seafood 3 days or more per week?..... ☐ Yes ☐ No

5) Does your child eat food such as vegetables other than pickles, seaweed or mushrooms almost every day?..... ☐ Yes ☐ No

6) Does your child eat fruits almost every day?.....

☐ Yes ☐ No

7) Does your child eat soy products (Tofu, deep fried tofu, natto, boiled beans, etc.) almost every day?.. ☐ Yes ☐ No

8) Does your child eat dairy products (milk, yogurt, etc.) almost every day?.....

☐ Yes ☐ No

9) Does your child eat pre-cooked food such as side dishes and boxed meal (including instant food) almost every day?..... ☐ Yes ☐ No

10) Does your child eat out (including fast food) almost every day?.....

☐ Yes ☐ No

Q8. For each question item below, please check the box “Does not apply”, “Somewhat applies” or “Applies” (Ex: ☒). Even if you are unsure of your answer, or if you think the question is absurd, please make sure to answer all questions.

1) Please describe your child’s behavior in the past 6 months.

	Not apply	Some- what applies	Applies
1 My child is often considerate towards feelings of others.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 My child is restless and can’t stay put for a long period of time.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 My child often complains of headaches, stomachaches and feeling sick.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 My child often shares things (snacks, toys, pencils, etc.) with other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 My child often gets angry or loses his/her temper.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 My child likes being alone and often plays alone.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 My child is obedient and usually listens to adults.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8 My child has many concerns and always seems nervous.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9 My child proactively helps others if somebody is hurt, depressed or harassed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10 My child is always restless and fidgets often.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11 My child has at least one close friend.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12 My child has fights with or bullies other children often.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13 My child often feels down or has tears in his/her eyes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14 My child is mostly liked by other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15 My child has difficulty paying attention and cannot focus on one thing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16 My child easily loses confidence, gets nervous, and hangs on my arm when he or she is confronted with a new situation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17 My child is kind to younger children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18 My child often covers up the truth or lies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19 My child has been bullied or made fun of by other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20 My child often helps others (parents, teachers, other children, etc.) proactively.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21 My child thinks thoroughly before taking action.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22 My child often steals from home, school, and others.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23 My child seems more comfortable with adults than spending time with other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24 My child is a coward and gets scared easily.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2) Overall, do you think your child has any issues in one or more of the following areas:
emotions, paying attention, behaviors or relationships with others?

₁ ☐ No ₂ ☐ Yes (small issues) ₃ ☐ Yes (clear issues) ₄ ☐ Yes (serious issues)

Please proceed to 3)

3) Below are questions for guardians who responded "yes" above. Does your child worry or become upset about these issues?

₁ ☐ Not at all ₂ ☐ Just a little ₃ ☐ Very ₄ ☐ Greatly

Q9. Does your child ever refuse to go to school?

₁ ☐ Yes ₂ ☐ No

✱ If you have any concerns regarding your child's health or comments regarding this survey, please describe them below.

Your comments will be used for references for future health management and surveys.

That is it for the questions.

Please enclose the questionnaire in a return envelope and send it by mail.

Thank you for your cooperation.



〔Contact〕



- Exclusively for the Mental Health and Lifestyle Survey
Radiation Medical Science Center, Fukushima Medical
University

Phone number: 024-549-5170

(9 : 00-17 : 00 with the exception of Dec 29-Jan 3 and
weekends/holidays)

0000000000

FY 2015

(Draft)

Fukushima Health Management Survey

Mental Health and Lifestyle Survey

Questionnaire (For middle school students)

〒963-0000

Room 302, Idai Apartment
1, Hikarigaoka, Fukushima city

Taro Idai

00X0X0X

Enter the required items in the fields below.
Please check ☒ in corresponding boxes.

Date of entry : MM/DD/2016

Child's name : _____

Sex : ☐ M ☐ F

Child's DOB : MM/DD/YYYY

Who will respond to the survey?

☐ Mother☐ Father☐ Grandparents☐ Other

(_____)

Signature of guardian (If you are a minor responding to this survey, please have your guardian sign for this study upon consent.)

(Signature of guardian)

(Relationship : _____)

(Change of mailing address) Please enter if your mailing address differs from the address mentioned above.

〒 _____ - _____
PrefectureCity,
ward,
countyWard,
town,
village

Name of apartment/room number etc. _____

Phone number ※The mental health support team may contact you.

Home : (_____) _____ — _____ (Name _____)

Cell : _____ — _____ — _____

Fukushima Prefecture, Fukushima Medical University

Please check ✓ in the corresponding small boxes □ below.

For questions 1-5, please have your child answer in person.

Respondent : ₁□ Self ₂□ On behalf (Relationship _____)

Q1. How is your current health condition?

₁□ Very good ₂□ Good ₃□ Normal ₄□ Bad ₅□ Very bad

Q2. Please enter your current height and weight.

Example : Height 159.6cm, weight 54.2kg (enter values right justified)

Height

1	5	9	.	6
---	---	---	---	---

 cm Weight

5	4	.	2
---	---	---	---

 kg

Q3. Below are questions regarding your sleeping habits.

1) What are your usual average hours of sleep (including naps) per day?

Around

	.	
--	---	--

 h

	.	
--	---	--

 min

2) Do you think your daily hours of sleep are sufficient?

₁□ Sufficient ₂□ Not quite sufficient ₃□ Not sufficient

Q4. How much do you exercise aside from physical education classes?

(Including club activities, sport-related lessons, etc.)

₁□ Almost every day ₂□ 2-4 times per week

₃□ Once a week ₄□ Almost never

Q5. Check ✓ in the boxes ☐ below that correspond to your diet during the past month.

- 1) Do you eat fast compared to others?..... ☐ Fast ☐ Normal ☐ Slow
- 2) Do you often skip breakfast?..... ☐ Yes ☐ No
- 3) Do you go to sleep within 1-2 hours after dinner?..... ☐ Yes ☐ No
- 4) Do you drink beverages that contain sugar (coffee, juice, soft drinks) almost every day?..
☐ Yes ☐ No
- 5)) Do you eat seafood 3 days or more per week?..... ☐ Yes ☐ No
- 6) Do you eat foods such as vegetables other than pickles, seaweed, and mushrooms?..... ☐ Yes ☐ No
- 7) Do you eat fruits almost every day?..... ☐ Yes ☐ No
- 8) Do you eat soy products (Tofu, deep fried tofu, natto, boiled beans, etc.) almost every day?..
☐ Yes ☐ No
- 9) Do you eat dairy products (milk, yogurt, etc.) almost every day?..... ☐ Yes ☐ No
- 10) Do you eat pre-cooked food such as side dishes and boxed meal (including instant food) almost every day?
..... ☐ Yes ☐ No
- 11) Do you eat out (including fast food) almost every day?..... ☐ Yes ☐ No

✱ If you have any concerns regarding your health or comments regarding this survey, please describe them below. Your comments will be used for references for future health management and surveys.

That is it for the questions to you. Please give this questionnaire to your guardian. Thank you for your cooperation.

For the questions below, the **guardian** must respond on the child's behalf.

Q6. Is your child currently receiving treatment for (a) disease(s), etc.?

₁ ☐ No ₂ ☐ Yes

If so, please check ✓ the corresponding boxes ☐.

- | | | |
|--|---|---|
| ₁ <input type="checkbox"/> Asthma (Infantile Asthma/bronchial asthma) | ₂ <input type="checkbox"/> Allergic rhinitis | ₃ <input type="checkbox"/> Atopic dermatitis |
| ₄ <input type="checkbox"/> Allergic diseases other than 1-3 | ₅ <input type="checkbox"/> Common Cold | |
| ₆ <input type="checkbox"/> Influenza | | |
| ₇ <input type="checkbox"/> Tympanitis | ₈ <input type="checkbox"/> Nasal sinus/empyema | |
| ₉ <input type="checkbox"/> Odontopathy (Cavities, braces, cleft lip and palate, etc.) | | |
| ₁₀ <input type="checkbox"/> Epilepsy | ₁₁ <input type="checkbox"/> ADHD (attention deficit hyperactivity) | |
| ₁₂ <input type="checkbox"/> Other (Specific name of disease) (_____) | | |

Q7. Has your child been hospitalized due to an illness within this year?

₁ ☐ No ₂ ☐ Yes

If so, please check ✓ in the corresponding boxes ☐.

- | | |
|---|---|
| ₁ <input type="checkbox"/> Asthma (Infantile Asthma/bronchial asthma) | ₂ <input type="checkbox"/> Pneumonia (acute/bronchial pneumonia) |
| ₃ <input type="checkbox"/> Mycoplasma pneumonia | |
| ₄ <input type="checkbox"/> Respiratory syncytial virus infection (Respiratory syncytial virus pneumonia) | ₅ <input type="checkbox"/> Common cold |
| ₆ <input type="checkbox"/> Bronchitis (Acute bronchitis) | |
| ₇ <input type="checkbox"/> Influenza | ₈ <input type="checkbox"/> Gastroenteritis (acute gastroenteritis) |
| ₉ <input type="checkbox"/> Rotavirus infection | |
| ₁₀ <input type="checkbox"/> Febrile convulsion | ₁₁ <input type="checkbox"/> Kawasaki disease |
| ₁₂ <input type="checkbox"/> Inguinal hernia (hernia) | |
| ₁₃ <input type="checkbox"/> Other (Specific diseases) (_____) | |

Q8. For each question item below, please check the box “Does not apply”, “Somewhat applies” or “Applies” (Ex: ☒). Even if you are unsure of your answer, or if you think the question is absurd, please make sure to answer all questions.

1) Please describe your child’s behavior in the past 6 months.

	Does not apply	Some- what applies	Applies
1 My child is often considerate towards feelings of others.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 My child is restless and can’t stay put for a long period of time.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 My child often complains of headaches, stomachaches and feeling sick.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 My child often shares things (snacks, toys, pencils, etc.) with other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 My child often gets angry or loses his/her temper.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 My child likes being alone and often plays alone.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 My child is obedient and usually listens to adults.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8 My child has many concerns and always seems nervous.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9 My child proactively helps others if somebody is hurt, depressed or harassed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10 My child is always restless and fidgets often.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11 My child has at least one close friend.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12 My child has fights with or bullies other children often.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13 My child often feels down or has tears in his/her eyes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14 My child is mostly liked by other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15 My child has difficulty paying attention and cannot focus on one thing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16 My child easily loses confidence, gets nervous, and hangs on my arm when he or she is confronted with a new situation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17 My child is kind to younger children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18 My child often covers up the truth or lies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19 My child has been bullied or made fun of by other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20 My child often helps others (parents, teachers, other children, etc.) proactively.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21 My child thinks thoroughly before taking action.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22 My child often steals from home, school, and others.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23 My child seems more comfortable with adults than spending time with other children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24 My child is a coward and gets scared easily.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25 My child finishes tasks to the end and has good focus.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2) Overall, do you think your child has any issues in one or more of the following areas: emotions, paying attention, behaviors or relationships with others?

₁ ☐ No ₂ ☐ Yes (small issues) ₃ ☐ Yes (clear issues) ₄ ☐ Yes (serious issues)

Please proceed to 3)

3) Below are questions for guardians who responded “yes” above. Does your child worry or become upset about these issues?

₁ ☐ Not at all ₂ ☐ Just a little ₃ ☐ Very ₄ ☐ Greatly

Q9. Does your child ever refuse to go to school?

₁ ☐ Yes ₂ ☐ No

✱ If you have any concerns regarding your child’s health or comments regarding this survey, please describe them below.

Your comments will be used for references for future health management and surveys.

That is it for the questions. Please enclose the survey in a return envelope and send it by mail.

Thank you for your cooperation.



〔Contact〕

- Exclusively for the Mental Health and Lifestyle Survey
Radiation Medical Science Center, Fukushima Medical
University
Phone number: 024-549-5170
(9 : 00-17 : 00 with the exception of Dec 29-Jan 3 and
weekends/holidays)

0000000000

FY 2015

(Draft)

Fukushima Health Management Survey

Mental Health and Lifestyle Survey

Questionnaire (For the general public)

〒963-0000

Room 302, Idai Apartment

1, Hikarigaoka, Fukushima city

Taro Idai

00X0X0X

Enter the required items in the fields below. Please check ☒ in corresponding boxes.

Date of entry : MM/DD/2016	Respondent : <input type="checkbox"/> Self <input type="checkbox"/> Representative (Relationship)	
Name : _____		Sex : <input type="checkbox"/> M <input type="checkbox"/> F
DOB : MM/DD/YYYY		
Signature of guardian (If you are a minor responding to this survey, please have your guardian sign for this study upon consent.)		
(Signature of guardian)		(Relationship :)
(Change of mailing address) Please enter if your mailing address differs from the address mentioned above.		
〒 _____ - _____ Prefecture	City, ward, county	Ward, town, village
Name of apartment/room number etc. _____		
Contact information		
Phone number ※The mental health support team may contact you.		
Home : () _____ — _____ (Name _____)		
Cell : _____ — _____ — _____		

Fukushima Prefecture, Fukushima Medical University

Please check ☒ in the corresponding small boxes ☐ below.

Q1. How is your current health condition?

₁☐ Very good ₂☐ Good ₃☐ Normal ₄☐ Bad ₅☐ Very bad

Q2. Please enter your current height and weight.

Example : Height 171.7cm Weight 70.0kg
Height cm Weight kg

1) Please enter your current height and weight.

Height cm Weight kg (Right justified)

2) Has there been any changes in your body weight compared to one year ago?

₁☐ Increased by 3kg or more ₂☐ Almost no change (within \pm 3kg) ₃☐ Decreased by 3kg or more

Q3. Have you been diagnosed with any of the diseases below within the past year?

1) High blood pressure

₁☐ No ₂☐ Yes



Are you currently attending a hospital as outpatient?

₁☐ Yes ₂☐ No

2) Diabetes (high blood-sugar level)

₁☐ No ₂☐ Yes



Are you currently attending a hospital as outpatient?

₁☐ Yes ₂☐ No

3) Hyperlipidaemia (or has high cholesterol or high neutral fat)

₁☐ No ₂☐ Yes



Are you currently attending a hospital as outpatient?

₁☐ Yes ₂☐ No

4) Mental disorder (diagnosed by a doctor (Ex: depression, sleep disorder, panic disorder, schizophrenia))

₁☐ No ₂☐ Yes



Are you currently attending a hospital as outpatient?

₁☐ Yes

₂☐ Not any more since I have improved

₃☐ No

5) Cancer (including leukemia and lymphoma)

₁☐ No ₂☐ Yes



Which parts of your body are affected by cancer?
(Please answer all the parts.)

(_____)、(_____)、(_____)

6) Stroke

☐ No ☐ Yes

A disease caused by blocked blood vessels in the brain

What type of stroke? (Multiple answers possible)

- ☐ Stroke (cerebral embolism, cerebral thrombosis)
☐ Cerebral hemorrhage ☐ Subarachnoid hemorrhage
☐ Other () ☐ I don't know

7) Heart disease

☐ No ☐ Yes

A disease caused by blocked blood vessels in the heart

What type of heart disease? (Multiple answers possible)

- ☐ Myocardial infarction ☐ Angina
☐ Arrhythmia
☐ Other () ☐ I don't know

8) Pneumonia

☐ No ☐ Yes

9) Fracture

☐ No ☐ Yes

10) Thyroid disease

☐ No ☐ Yes

What type of thyroid disease?

- ☐ Hyperthyroidism (Basedow disease)
☐ Hypothyroidism
☐ Other ()

Q4. Below are questions regarding your sleeping habits.

1) What are your usual average hours of sleep per day? (including naps)

Around h mm

2) Are you satisfied with your quality of sleep (regardless of the length) during the past month?

☐ Yes ☐ Not quite ☐ No ☐ Not at all, I didn't get any sleep

3) Have you experienced the items below at least 3 times a week?

		Yes	No
1	It takes time for me to fall asleep, even after I'm in bed	<input type="checkbox"/>	<input type="checkbox"/>
2	I wake up during the night in the middle of sleep	<input type="checkbox"/>	<input type="checkbox"/>
3	I wake up before the time I set and can't go back to sleep.	<input type="checkbox"/>	<input type="checkbox"/>
4	I don't get enough total sleep.	<input type="checkbox"/>	<input type="checkbox"/>
5	I feel depressed during the day.	<input type="checkbox"/>	<input type="checkbox"/>
6	My daily physical and mental activity levels are low.	<input type="checkbox"/>	<input type="checkbox"/>
7	I feel sleepy during the day.	<input type="checkbox"/>	<input type="checkbox"/>

Q5. Do you exercise regularly?

₁☐ Almost every day ₂☐ 2-4 times per week

₃☐ Once a week ₄☐ Almost never

※ Questions 6 and 7 target adults only.

If you are a minor, proceed to Q8.

Q6. Do you smoke tobacco (cigarettes)? These do not include cigars or pipes.

₁☐ I have never smoked

₂☐ I quit

₃☐ Yes, I do.

Proceed to Q7.

For individuals who smoke:

Tell us the number of tobacco/cigarettes you regularly smoke.

※ I smoke around per day.

Q7. The questions below are regarding alcohol.

1) Do you currently drink alcohol?

₁☐ No, or rarely
(Less than once a month)

₂☐ I quit

₃☐ Yes (At least once a month)

Proceed to Q8.

Proceed to 2).

2) How often do you drink alcohol?

Around days per week

3) Please tell us your alcohol intake per day.

※Reference Japanese sake 1 go (0.18 liters)
conversion chart

Amount converted to Japanese sake[※]

Around go per day

Beer/Sparkling liquor	About	500
1 middle bottle		ml
5 Shochu highballs	1 long	500
can		ml
25% shochu	1 cup	100
		ml
Whisky	2 singles	60 ml
Wine	2 glasses	240
		ml

4) The questions below are regarding your past 30 days.

		No	Yes
1	Have you ever felt you should cut down on your drinking?	₁ <input type="checkbox"/>	₂ <input type="checkbox"/>
2	Have people annoyed you by criticizing your drinking?	₁ <input type="checkbox"/>	₂ <input type="checkbox"/>
3	Have you ever felt bad or guilty about your drinking?	₁ <input type="checkbox"/>	₂ <input type="checkbox"/>
4	Have you ever had a drink first thing in the morning to steady your nerves or to get rid of a hangover (eye-opener)?	₁ <input type="checkbox"/>	₂ <input type="checkbox"/>

Q8. How frequently have you lost your appetite during the past two weeks?

₁ ☐ Never ₂ ☐ Several days ₃ ☐ At least half of the time ₄ ☐ Almost every day

Q9. Check ✓ in the boxes ☐ below that correspond to your dietary habits during the past month.

- 1) Do you eat fast compared to others?..... ₁ ☐ Fast ₂ ☐ Normal ₃ ☐ Slow
- 2) Do you skip breakfast often?..... ₁ ☐ Yes ₂ ☐ No
- 3) Do you eat snacks during the day or night almost every day?..... ₁ ☐ Yes ₂ ☐ No
- 4) Do you eat within 2 hours of bedtime 3 or more days per week?..... ₁ ☐ Yes
₂ ☐ No
- 5) Do you eat pre-cooked food such as side dishes and boxed meals (including instant food) almost every day?..... ₁ ☐ Yes ₂ ☐ No

Q10. For the past 30 days, how often did you experience the items below?

Please circle the corresponding numbers.

		Never	A little	Some-times	Most of the time	Always
1	How often did you feel nervous?	0	1	2	3	4
2	How often did you feel hopeless?	0	1	2	3	4
3	How often did you feel restless or fidgety?	0	1	2	3	4
4	How often did you feel so depressed that nothing could cheer you up?	0	1	2	3	4
5	How often did you feel that everything was an effort?	0	1	2	3	4

7) Are you (or your spouse) currently pregnant? Or are you currently living with your child who is underage? (Multiple answers possible)

₁ ☐ No ₂ ☐ Yes



- ₁ ☐ I am (or my spouse) is currently pregnant.

₂ ☐ I live with my preschool or younger child.

₃ ☐ I live with my elementary school child.

₄ ☐ I live with my middle school child.

₅ ☐ I live with my underage child who has at least graduated from middle school.

Q12. Below are questions regarding radiation.

In a disaster caused by something we cannot sense such as ionizing radiation, perceptions of health risk are considered to have an impact on one's mental health.

1) Below are questions regarding your awareness or opinion on the health effects of radiation. Please circle the corresponding number.

		The possibilities are very low			The possibilities are very high
1	How much health disorders (For example, cancer, etc.) do you expect to occur in the future due to the current radiation exposure?	1	2	3	4
2	How much health effects do you think the current radiation exposure will have on the future generations (your future children or grandchildren)?	1	2	3	4

2) For the past month, how frequently did you experience inconveniences in your daily life due to your anxieties about radiation?

₁ ☐ Frequently ₂ ☐ Sometimes ₃ ☐ Rarely ₄ ☐ Never

Q13. Do you know anyone or any organization that you can consult regarding mental or physical issues that were caused by the Great East Japan Earthquake?

₁ ☐ Yes ₂ ☐ No



If you do, check ✓ for all corresponding items below.

- ₁ ☐ Family/relatives ₂ ☐ Friends/acquaintances
- ₃ ☐ Colleagues/superiors
- ₄ ☐ Municipal consultation service (City public health bureau, health center, etc.)

- ☐ Prefectural consultation service (Prefectural public health bureau/public health and welfare office, etc.)
- ☐ Mental health and welfare center
- ☐ Fukushima Kokoro no Care Center (Fukushima mental care center)
- ☐ Visiting care/nursing care service organizations
- ☐ Medical institutions such as psychosomatic medicine/psychiatry/neurology/mental clinics
- ☐ Medical institutions other than the above (general internal medicine, surgical department, ophthalmology, otorhinology, orthopedics, obstetrics and gynecology, etc.
- ☐ Facilities related to religion such as temples, shrines, churches, etc.
- ☐ Other ()

0000000000

※ If you have any concerns regarding your health or comments regarding this survey, please describe them below. Your comments will be used for references for future health management and surveys.

That is it for the questions. Please enclose the survey in a return envelope and send it by mail. Thank you for your cooperation.

〔Contact〕



○ Exclusively for the Mental Health and Lifestyle Survey
Radiation Medical Science Center,
Fukushima Medical University
Phone number: 024-549-5170
(9 : 00-17 : 00 with the exception of Dec 29-Jan 3 and weekends/holidays)