

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

As of 31 December 2015

Area	District	Survey population	Responses	Response rate	Completed dose estimates	Proportion	Returned results	Proportion
		a	b	c=b/a	d	e=d/b	f	g=f/b
Kempoku	Fukushima	295,645	93,612	31.7%	91,997	98.3%	91,855	98.1%
	Nihonmatsu	60,857	16,870	27.7%	16,181	95.9%	16,156	95.8%
	Date	67,577	18,235	27.0%	17,764	97.4%	17,738	97.3%
	Motomiya	31,762	9,076	28.6%	8,745	96.4%	8,702	95.9%
	Kori	13,207	3,879	29.4%	3,770	97.2%	3,769	97.2%
	Kunimi	10,316	3,023	29.3%	2,935	97.1%	2,935	97.1%
	Kawamata	15,885	5,148	32.4%	4,982	96.8%	4,961	96.4%
	Otama	8,793	1,911	21.7%	1,867	97.7%	1,867	97.7%
	Subtotal	504,042	151,754	30.1%	148,241	97.7%	147,983	97.5%
Kenchu	Koriyama	339,719	86,575	25.5%	84,537	97.6%	84,410	97.5%
	Sukagawa	80,163	17,090	21.3%	16,608	97.2%	16,291	95.3%
	Tamura	41,723	10,490	25.1%	10,123	96.5%	9,803	93.5%
	Kagamiishi	13,109	2,881	22.0%	2,818	97.8%	2,793	96.9%
	Tenei	6,470	1,229	19.0%	1,194	97.2%	1,180	96.0%
	Ishikawa	17,487	4,194	24.0%	4,065	96.9%	4,065	96.9%
	Tamakawa	7,337	1,493	20.3%	1,426	95.5%	1,425	95.4%
	Hirata	7,053	1,654	23.5%	1,592	96.3%	1,588	96.0%
	Asakawa	7,163	1,507	21.0%	1,443	95.8%	1,443	95.8%
	Furudono	6,319	1,309	20.7%	1,261	96.3%	1,261	96.3%
	Miharu	18,993	4,855	25.6%	4,754	97.9%	4,748	97.8%
Ono	11,701	2,601	22.2%	2,486	95.6%	2,484	95.5%	
	Subtotal	557,237	135,878	24.4%	132,307	97.4%	131,491	96.8%
Kennan	Shirakawa	65,428	15,961	24.4%	15,414	96.6%	14,916	93.5%
	Nishigo	20,088	4,974	24.8%	4,826	97.0%	4,820	96.9%
	Izumizaki	6,931	1,380	19.9%	1,332	96.5%	1,329	96.3%
	Nakajima	5,306	969	18.3%	940	97.0%	939	96.9%
	Yabuki	18,341	4,064	22.2%	3,921	96.5%	3,920	96.5%
	Tanagura	15,384	3,016	19.6%	2,894	96.0%	2,884	95.6%
	Yamatsuri	6,489	1,462	22.5%	1,387	94.9%	1,386	94.8%
	Hanawa	10,062	2,309	22.9%	2,210	95.7%	2,209	95.7%
Samegawa	4,196	819	19.5%	771	94.1%	771	94.1%	
	Subtotal	152,225	34,954	23.0%	33,695	96.4%	33,174	94.9%
Aizu	Aizuwakamatsu	127,815	29,180	22.8%	28,191	96.6%	28,168	96.5%
	Kitakata	53,202	10,918	20.5%	9,919	90.8%	9,764	89.4%
	Kitashiobara	3,276	603	18.4%	573	95.0%	572	94.9%
	Nishiaizu	7,725	1,436	18.6%	1,335	93.0%	1,335	93.0%
	Bandai	3,888	791	20.3%	769	97.2%	737	93.2%
	Inawashiro	16,271	3,639	22.4%	3,489	95.9%	3,470	95.4%
	Aizubange	17,881	3,238	18.1%	3,093	95.5%	3,090	95.4%
	Yugawa	3,513	708	20.2%	675	95.3%	673	95.1%
	Yanaizu	4,077	717	17.6%	681	95.0%	681	95.0%
	Mishima	2,031	373	18.4%	338	90.6%	338	90.6%
	Kaneyama	2,544	629	24.7%	569	90.5%	568	90.3%
	Showa	1,569	354	22.6%	317	89.5%	317	89.5%
Aizumisato	23,411	4,551	19.4%	4,354	95.7%	4,348	95.5%	
	Subtotal	267,203	57,137	21.4%	54,303	95.0%	54,061	94.6%
Minami-aizu	Shimogo	6,650	1,242	18.7%	1,166	93.9%	1,162	93.6%
	Hinoemata	614	142	23.1%	133	93.7%	133	93.7%
	Tadami	5,030	1,139	22.6%	1,065	93.5%	1,063	93.3%
	Minami-aizu	18,495	3,835	20.7%	3,596	93.8%	3,592	93.7%
		Subtotal	30,789	6,358	20.7%	5,960	93.7%	5,950
Soso	Soma	37,371	13,261	35.5%	12,722	95.9%	12,574	94.8%
	Minami-soma	70,013	30,151	43.1%	29,406	97.5%	29,234	97.0%
	Hirono	5,165	2,214	42.9%	2,138	96.6%	2,126	96.0%
	Naraha	7,963	4,180	52.5%	4,010	95.9%	3,993	95.5%
	Tomioaka	15,751	8,617	54.7%	8,407	97.6%	8,379	97.2%
	Kawauchi	2,996	1,538	51.3%	1,487	96.7%	1,483	96.4%
	Okuma	11,473	6,074	52.9%	5,851	96.3%	5,820	95.8%
	Futaba	7,051	3,948	56.0%	3,843	97.3%	3,825	96.9%
	Namie	21,335	12,958	60.7%	12,661	97.7%	12,635	97.5%
	Katsurao	1,541	824	53.5%	767	93.1%	759	92.1%
	Shinchi	8,357	2,706	32.4%	2,604	96.2%	2,571	95.0%
Iitate	6,588	3,443	52.3%	3,331	96.7%	3,321	96.5%	
	Subtotal	195,604	89,914	46.0%	87,227	97.0%	86,720	96.4%
Iwaki	Iwaki	348,226	88,088	25.3%	85,647	97.2%	85,228	96.8%
	Total	2,055,326	564,083	27.4%	547,380	97.0%	544,607	96.5%

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

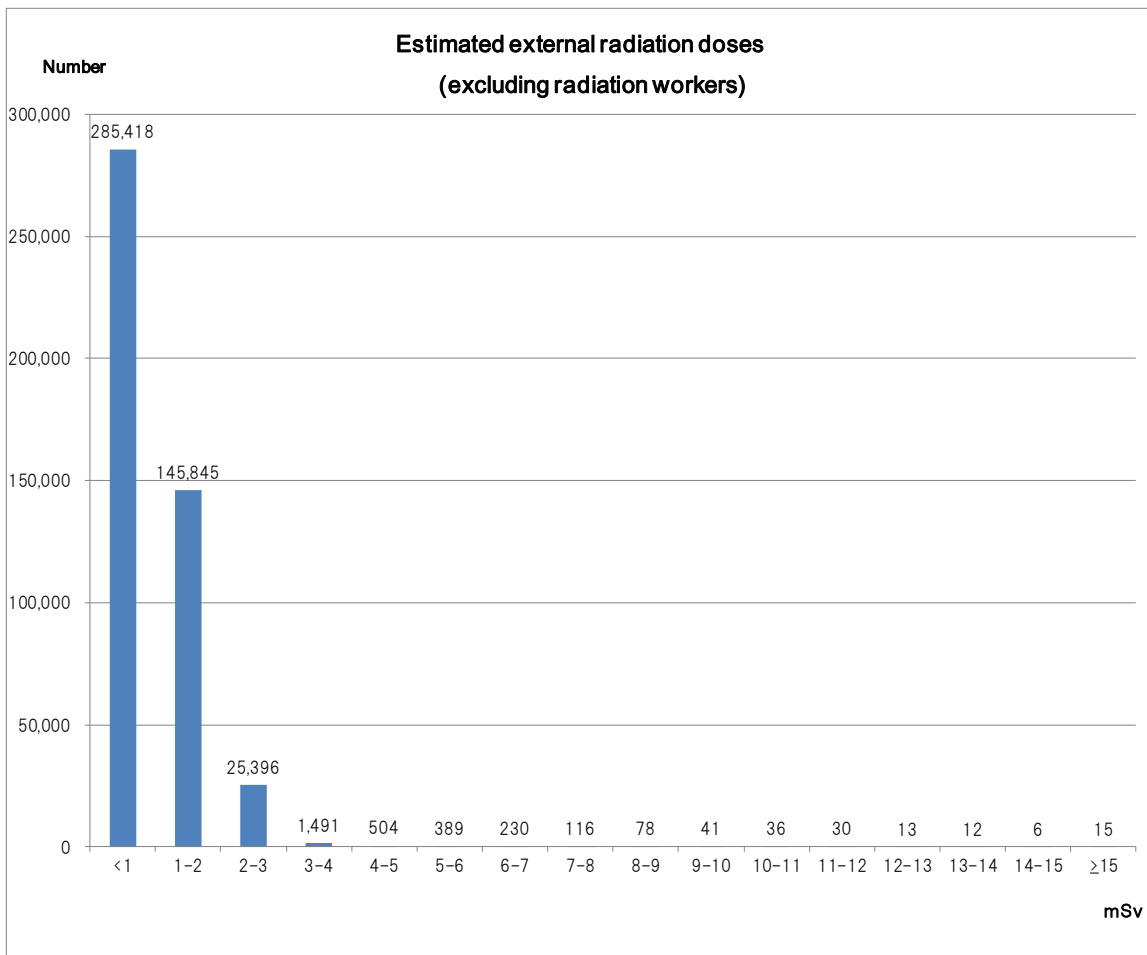
Initial and full-scale surveys

As of 31 December 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	291,093	285,418	24,853	57,643	25,460	44,456	4,837	55,661	72,508	62.1	93.8	99.8
1-2	148,178	145,845	83,056	45,780	3,386	300	34	12,658	631	31.7	5.8	
2-3	25,769	25,396	15,499	8,138	17	25	0	1,687	30	5.5	0.2	0.2
3-4	1,571	1,491	468	423	0	1	0	595	4	0.3	0.1	
4-5	550	504	40	5	0	0	0	458	1	0.1	0.0	0.0
5-6	441	389	19	3	0	0	0	366	1	0.1	0.0	
6-7	268	230	10	1	0	1	0	218	0	0.1	0.0	0.0
7-8	155	116	1	0	0	0	0	115	0	0.0	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	0.0	
10-11	69	36	0	0	0	0	0	36	0	0.0	0.0	0.0
11-12	52	30	1	0	0	0	0	29	0	0.0	0.0	
12-13	37	13	0	0	0	0	0	13	0	0.0	0.0	0.0
13-14	34	12	0	0	0	0	0	12	0	0.0	0.0	
14-15	27	6	0	0	0	0	0	6	0	0.0	0.0	0.0
≥15	314	15	0	0	0	0	0	15	0	0.0	0.0	
Total	468,748	459,620	123,948	111,993	28,863	44,783	4,871	71,987	73,175	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 31 December 2015

Estimated external radiation doses by age group (excluding radiation workers)

Effective Dose (mSv)	Age at the time of the disaster (years)									Total
	0 - 9	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69	70 - 79	80 -	
<1	47,571	43,839	21,015	33,715	28,271	32,556	35,856	25,510	17,085	285,418
1-2	22,867	21,517	10,028	18,155	16,524	18,421	19,234	12,179	6,920	145,845
2-3	6,398	4,223	1,127	2,327	2,214	2,935	3,365	1,968	839	25,396
3-4	250	157	81	158	153	229	231	163	69	1,491
4-5	19	47	35	39	75	95	80	76	38	504
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	9	13	35	22	14	7	116
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	6	1	2	15
Total	77,129	69,814	32,340	54,475	47,342	54,462	58,969	40,061	25,028	459,620

Estimated external radiation doses by sex (excluding radiation workers)

Effective Dose (mSv)	By sex				Total	Proportion (%)
	Male	Proportion (%)	Female	Proportion (%)		
<1	127,533	60.5	157,885	63.4	285,418	62.1
1-2	67,631	32.1	78,214	31.4	145,845	31.7
2-3	13,798	6.5	11,598	4.7	25,396	5.5
3-4	950	0.5	541	0.2	1,491	0.3
4-5	282	0.1	222	0.1	504	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	64	0.0	52	0.0	116	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	12	0.0	3	0.0	15	0.0
Total	210,727	100.0	248,893	100.0	459,620	100.0

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

As of 31 December 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	16,135	52,333	9,307	151	13	10	4	0	0	0	0	0	0	0	0	0	0	77,953
	Nihonmatsu	1,310	8,392	3,450	88	1	0	0	0	0	0	0	0	0	0	0	0	0	13,241
	Date	4,376	9,035	1,133	147	8	2	3	1	1	0	0	0	0	0	0	0	0	14,706
	Motomiya	735	5,328	1,213	22	1	0	0	0	0	0	0	0	0	0	0	0	0	7,299
	Kori	315	2,747	66	2	0	1	0	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	0	2,410
	Kawamata	629	2,733	185	56	17	6	3	0	0	0	0	1	0	0	0	0	0	3,630
	Otama	390	1,053	133	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1,578
Kempoku Subtotal		24,853	83,056	15,499	468	40	19	10	1	1	0	0	1	0	0	0	0	123,948	
Kenchu	Koriyama	23,768	40,281	7,695	413	5	3	1	0	0	0	0	0	0	0	0	0	0	72,166
	Sukagawa	10,663	3,171	333	4	0	0	0	0	0	0	0	0	0	0	0	0	0	14,171
	Tamura	7,613	676	23	3	0	0	0	0	0	0	0	0	0	0	0	0	0	8,315
	Kagamiishi	2,331	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,405
	Tenei	395	571	55	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1,022
	Ishikawa	3,131	38	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,170
	Tamakawa	1,151	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,171
	Hirata	1,285	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,319
	Asakawa	1,182	15	0	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	0	1,062
	Miharu	3,111	806	24	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3,943
Ono	1,967	83	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,052	
Kenchu Subtotal		57,643	45,780	8,138	423	5	3	1	0	0	0	0	0	0	0	0	0	111,993	
Kennan	Shirakawa	12,087	1,248	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,344
	Nishigo	2,204	1,958	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,164
	Izumizaki	1,094	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,116
	Nakajima	788	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800
	Yabuki	3,286	79	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,366
	Tanagura	2,458	28	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,489
	Yamatsuri	1,111	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,120
	Hanawa	1,802	22	0	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	0	640
Kennan Subtotal		25,460	3,386	17	0	0	0	0	0	0	0	0	0	0	0	0	0	28,863	
Aizu	Aizuwakamatsu	23,218	156	13	0	0	0	1	0	0	0	0	0	0	0	0	0	0	23,388
	Kitakata	8,197	54	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	8,255
	Kitashiobara	464	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	468
	Nishiaizu	997	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	999
	Bandai	649	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	659
	Inawashiro	2,815	29	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,847
	Aizubange	2,590	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,605
	Yugawa	574	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	578
	Yanaizu	538	3	1	0	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	0	245
	Kaneyama	401	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	404
	Showa	235	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	236
	Aizumisato	3,533	21	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,557
Aizu Subtotal		44,456	300	25	1	0	0	1	0	0	0	0	0	0	0	0	0	44,783	
Minami-aizu	Shimogo	937	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	942
	Hinoemata	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
	Tadami	860	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	864
	Minami-aizu	2,937	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,962
Minami-aizu Subtotal		4,837	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,871	
Soso	Soma	9,963	452	87	20	5	0	0	0	0	2	0	0	0	0	0	0	0	10,529
	Minami-soma	19,069	6,206	512	99	35	3	7	4	1	0	0	1	0	0	0	0	0	25,937
	Hirono	1,835	58	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1,897
	Naraha	3,382	130	13	2	0	1	1	0	0	0	0	0	0	0	0	0	0	3,529
	Tomioka	5,822	1,102	98	18	3	2	0	3	2	0	0	1	0	0	0	0	0	7,051
	Kawauchi	962	350	16	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1,332
	Okuma	3,364	1,281	112	17	6	4	4	3	0	2	2	1	0	4	0	1	0	4,801
	Futaba	2,670	468	77	18	6	4	3	6	2	1	0	2	0	0	0	0	2	3,259
	Namie	5,735	2,113	383	68	40	17	12	13	9	6	11	7	5	4	3	8	0	8,434
	Katsurao	501	162	24	4	0	1	0	0	0	0	0	0	0	0	0	0	0	692
	Shinchi	2,172	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,192
litate	186	316	363	348	363	333	189	85	62	30	23	17	8	4	3	4	0	2,334	
Soso Subtotal		55,661	12,658	1,687	595	458	366	218	115	77	41	36	29	13	12	6	15	71,987	
Iwaki	72,508	631	30	4	1	1	0	0	0	0	0	0	0	0	0	0	0	73,175	
Total		285,418	145,845	25,396	1,493	504	389	230	116	78	41	36	30	13	12	6	15	459,620	
Proportion (%)		62.1	31.7	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		5.8		0.2		0.1		0.0		0.0		0.0		0.0		0.0	99.9
Visitors		1,398	270	18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1,688
Total+Visitors		286,816	146,115	25,414	1,493	504	389	230	116	78	41	36	30	13	12	6	15	461,308	

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