

TOTAL EFFECTIVE DOSES IN JAPAN FOR 10-YEAR AND LIFETIME EXPOSURE

UNSCEAR 2013 Report, Annex A, Levels and effects of radiation exposure due to the nuclear accident after the 2011 great east-Japan earthquake and tsunami, Appendix C (Assessment of doses to the public)

Contents

This attachment provides tables of estimates for total effective doses across Japan from exposures over 10 years and a lifetime. These summaries are provided for each age group (adults, 10-year-old children and one-year-old infants) for all non-evacuated districts within Fukushima Prefecture (Group 2), most districts within the Group 3 prefectures (Chiba, Gunma, Ibaraki, Iwate, Miyagi and Tochigi); and for all remaining prefectures in Japan (Group 4).

The population data are taken from the Japan Census [MIC, 2011].

Notes

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This publication has not been formally edited.

Table C-19.1. Average total effective dose to adults to year 10 after the accident for Fukushima Prefecture (excluding evacuated areas)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, adult, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Fukushima Prefecture	2 029 064						
Fukushima City	296 181	229 756	0.00	7.0	0.30	1.0	8.3
Koori Town	14 708	208 995	0.00	6.2	0.19	1.0	7.4
Nihonmatsu City	63 751	196 780	0.00	5.8	0.29	1.0	7.1
Otama Village	8 130	160 958	0.00	4.9	0.19	1.0	6.1
Koriyama City	341 781	162 842	0.00	4.8	0.16	1.0	6.0
Date City	69 963	147 327	0.00	4.5	0.15	1.0	5.7
Motomiya City	30 771	123 962	0.00	3.7	0.12	1.0	4.8
Minamisoma City	72 941	109 564	0.00	3.3	0.12	1.0	4.5
Tenei Village	6 589	115 528	0.00	3.3	0.11	1.0	4.5
Kawamata Town	16 847	89 663	0.00	2.8	0.26	1.0	4.0
Nishigo Village	18 615	95 946	0.00	2.8	0.10	1.0	3.9
Kunimi Town	9 952	88 496	0.00	2.6	0.09	1.0	3.8
Miharu Town	17 942	83 625	0.00	2.5	0.10	1.0	3.7
Shirakawa City	66 544	72 128	0.00	2.3	0.07	1.0	3.4
Sukagawa City	78 819	72 012	0.00	2.3	0.07	1.0	3.3
Kagamiishi Town	13 651	56 832	0.00	1.7	0.05	1.0	2.8
Izumizaki Village	6 949	55 844	0.00	1.7	0.06	1.0	2.8
Iwaki City	354 297	26 637	0.01	1.2	0.47	1.0	2.7
Soma City	38 187	54 637	0.00	1.6	0.04	1.0	2.7
Kitashiobara Village	3 791	49 415	0.01	1.5	0.16	1.0	2.6
Shinchi Town	9 039	49 593	0.00	1.6	0.04	1.0	2.6
Tanagura Town	15 702	45 177	0.00	1.4	0.04	1.0	2.4
Aizubange Town	17 918	39 561	0.01	1.2	0.19	1.0	2.4
Yukawa Village	3 455	37 554	0.00	1.1	0.10	1.0	2.3
Tamura City	43 231	33 801	0.00	1.1	0.05	1.0	2.2
Yabuki Town	18 688	33 479	0.00	1.0	0.03	1.0	2.1
Kitakata City	55 824	20 601	0.01	0.7	0.15	1.0	1.9
Aizuwakamatsu City	131 928	24 840	0.00	0.8	0.03	1.0	1.8
Inawashiro Town	16 982	24 640	0.00	0.7	0.03	1.0	1.8
Nakajima Village	4 865	24 789	0.00	0.7	0.02	1.0	1.8
Asakawa Town	7 402	23 778	0.00	0.7	0.02	1.0	1.7
Ono Town	11 983	21 524	0.00	0.7	0.03	1.0	1.7
Samegava Village	4 259	21 109	0.00	0.7	0.03	1.0	1.7
Bandai Town	4 293	21 539	0.00	0.6	0.04	1.0	1.7
Furudono Town	6 374	21 729	0.00	0.7	0.03	1.0	1.7
Hanawa Town	10 663	19 907	0.00	0.6	0.02	1.0	1.6

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, adult, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Hirata Village	7 595	17 057	0.00	0.6	0.02	1.0	1.6
Tamakawa Village	7 295	15 702	0.00	0.5	0.02	1.0	1.5
Aizumisato Town	24 631	14 621	0.00	0.4	0.02	1.0	1.5
Mishima Town	2 213	13 653	0.00	0.4	0.02	1.0	1.4
Yanaizu Town	4 263	13 126	0.00	0.4	0.02	1.0	1.4
Showa Village	1 632	12 239	0.00	0.4	0.01	1.0	1.4
Ishikawa Town	19 175	11 805	0.00	0.3	0.01	1.0	1.4
Tadami Town	5 277	5 326	0.00	0.2	0.02	1.0	1.3
Yamatsuri Town	6 821	6 302	0.00	0.2	0.01	1.0	1.2
Nishiaizu Town	8 237	6 164	0.00	0.2	0.01	1.0	1.2
Minamiaizu Town	19 896	5 132	0.00	0.2	0.00	1.0	1.2
Shomogo Town	7 010	3 371	0.00	0.1	0.00	1.0	1.1
Kanayama Town	2 871	3 167	0.00	0.1	0.00	1.0	1.1
Hinoemata Village	696	2 432	0.00	0.1	0.00	1.0	1.1

Table C-19.2. Average total effective dose to 10-year-old children to year 10 after the accident for Fukushima Prefecture (excluding evacuated areas)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, 10-year-old child, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Fukushima Prefecture	2 029 064						
Fukushima City	296 181	229 756	0.00	9.8	0.49	1.2	11.5
Koori Town	14 708	208 995	0.00	8.7	0.31	1.2	10.2
Nihonmatsu City	63 751	196 780	0.00	8.1	0.47	1.2	9.8
Otama Village	8 130	160 958	0.00	6.9	0.31	1.2	8.4
Koriyama City	341 781	162 842	0.00	6.7	0.25	1.2	8.2
Date City	69 963	147 327	0.00	6.3	0.25	1.2	7.8
Motomiya City	30 771	123 962	0.00	5.1	0.19	1.2	6.6
Minamisoma City	72 941	109 564	0.00	4.7	0.19	1.2	6.1
Tenei Village	6 589	115 528	0.00	4.7	0.18	1.2	6.1
Kawamata Town	16 847	89 663	0.00	3.9	0.42	1.2	5.5
Nishigo Village	18 615	95 946	0.00	3.9	0.15	1.2	5.3
Kunimi Town	9 952	88 496	0.00	3.7	0.15	1.2	5.1
Miharu Town	17 942	83 625	0.00	3.6	0.17	1.2	5.0
Shirakawa City	66 544	72 128	0.00	3.2	0.06	1.2	4.5
Sukagawa City	78 819	72 012	0.00	3.2	0.12	1.2	4.5
Iwaki City	354 297	26 637	0.01	1.7	0.78	1.2	3.8
Kagamiishi Town	13 651	56 832	0.00	2.4	0.09	1.2	3.8
Izumizaki Village	6 949	55 844	0.00	2.4	0.10	1.2	3.7
Soma City	38 187	54 637	0.00	2.3	0.07	1.2	3.6
Kitashiobara Village	3 791	49 415	0.01	2.1	0.23	1.2	3.5
Shinchi Town	9 039	49 593	0.00	2.2	0.01	1.2	3.4
Tanagura Town	15 702	45 177	0.00	1.9	0.07	1.2	3.2
Aizubange Town	17 918	39 561	0.01	1.7	0.27	1.2	3.2
Yukawa Village	3 455	37 554	0.00	1.6	0.15	1.2	3.0
Tamura City	43 231	33 801	0.00	1.6	0.08	1.2	2.9
Yabuki Town	18 688	33 479	0.00	1.4	0.05	1.2	2.7
Kitakata City	55 824	20 601	0.01	1.0	0.20	1.2	2.4
Aizuwakamatsu City	131 928	24 840	0.00	1.1	0.05	1.2	2.4
Inawashiro Town	16 982	24 640	0.00	1.0	0.05	1.2	2.3
Nakajima Village	4 865	24 789	0.00	1.0	0.04	1.2	2.3
Asakawa Town	7 402	23 778	0.00	1.0	0.04	1.2	2.3
Ono Town	11 983	21 524	0.00	0.9	0.05	1.2	2.2
Samegava Village	4 259	21 109	0.00	0.9	0.04	1.2	2.2
Bandai Town	4 293	21 539	0.00	0.9	0.06	1.2	2.2
Furudono Town	6 374	21 729	0.00	0.9	0.04	1.2	2.2
Hanawa Town	10 663	19 907	0.00	0.8	0.04	1.2	2.1
Hirata Village	7 595	17 057	0.00	0.8	0.04	1.2	2.1

<i>District</i>	<i>Population in 2010 (persons)</i>	<i>Average deposition density of ¹³⁷Cs on soil (Bq/m²)</i>	<i>Estimate of total effective dose, 10-year-old child, year 10 (mSv)</i>				
			<i>External (plume)</i>	<i>External (ground)</i>	<i>Inhalation (plume)</i>	<i>Ingestion</i>	<i>Total</i>
Tamakawa Village	7 295	15 702	0.00	0.7	0.03	1.2	1.9
Aizumisato Town	24 631	14 621	0.00	0.6	0.03	1.2	1.9
Mishima Town	2 213	13 653	0.00	0.6	0.03	1.2	1.8
Yanaizu Town	4 263	13 126	0.00	0.5	0.03	1.2	1.8
Showa Village	1 632	12 239	0.00	0.5	0.02	1.2	1.8
Ishikawa Town	19 175	11 805	0.00	0.5	0.02	1.2	1.7
Tadami Town	5 277	5 326	0.00	0.3	0.03	1.2	1.6
Yamatsuri Town	6 821	6 302	0.00	0.3	0.01	1.2	1.5
Shomogo Town	7 010	3 371	0.00	0.1	0.12	1.2	1.5
Nishiaizu Town	8 237	6 164	0.00	0.2	0.01	1.2	1.5
Minamiaizu Town	19 896	5 132	0.00	0.2	0.01	1.2	1.5
Kanayama Town	2 871	3 167	0.00	0.1	0.01	1.2	1.4
Hinoemata Village	696	2 432	0.00	0.1	0.00	1.2	1.3

Table C-19.3. Average total effective dose to one-year-old infants to year 10 after the accident for Fukushima Prefecture (excluding evacuated areas)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate total effective dose, one-year-old infant, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Fukushima Prefecture	2 029 064						
Fukushima City	296 181	229 756	0.00	11.3	0.56	2.0	13.8
Koori Town	14 708	208 995	0.00	10.0	0.36	2.0	12.4
Nihonmatsu City	63 751	196 780	0.00	9.3	0.54	2.0	11.8
Otama Village	8 130	160 958	0.00	7.9	0.36	2.0	10.2
Koriyama City	341 781	162 842	0.00	7.8	0.30	2.0	10.0
Date City	69 963	147 327	0.00	7.3	0.28	2.0	9.5
Motomiya City	30 771	123 962	0.00	5.9	0.23	2.0	8.1
Minamisoma City	72 941	109 564	0.00	5.4	0.22	2.0	7.6
Tenei Village	6 589	115 528	0.00	5.4	0.21	2.0	7.6
Kawamata Town	16 847	89 663	0.00	4.5	0.49	2.0	6.9
Nishigo Village	18 615	95 946	0.00	4.5	0.18	2.0	6.6
Kunimi Town	9 952	88 496	0.00	4.3	0.17	2.0	6.4
Miharu Town	17 942	83 625	0.00	4.1	0.19	2.0	6.3
Shirakawa City	66 544	72 128	0.00	3.7	0.07	2.0	5.8
Sukagawa City	78 819	72 012	0.00	3.6	0.13	2.0	5.7
Iwaki City	354 297	26 637	0.01	2.0	0.92	2.0	4.9
Kagamiishi Town	13 651	56 832	0.00	2.8	0.10	2.0	4.9
Izumizaki Village	6 949	55 844	0.00	2.8	0.11	2.0	4.8
Soma City	38 187	54 637	0.00	2.6	0.08	2.0	4.7
Kitashiobara Village	3 791	49 415	0.01	2.4	0.26	2.0	4.6
Shinchi Town	9 039	49 593	0.00	2.5	0.01	2.0	4.5
Tanagura Town	15 702	45 177	0.00	2.2	0.08	2.0	4.2
Aizubange Town	17 918	39 561	0.01	1.9	0.31	2.0	4.2
Yukawa Village	3 455	37 554	0.00	1.8	0.18	2.0	4.0
Tamura City	43 231	33 801	0.00	1.8	0.10	2.0	3.9
Yabuki Town	18 688	33 479	0.00	1.6	0.06	2.0	3.7
Kitakata City	55 824	20 601	0.01	1.1	0.23	2.0	3.3
Aizuwakamatsu City	131 928	24 840	0.00	1.2	0.06	2.0	3.3
Inawashiro Town	16 982	24 640	0.00	1.2	0.05	2.0	3.2
Nakajima Village	4 865	24 789	0.00	1.2	0.04	2.0	3.2
Asakawa Town	7 402	23 778	0.00	1.1	0.04	2.0	3.1
Ono Town	11 983	21 524	0.00	1.1	0.06	2.0	3.1
Samegava Village	4 259	21 109	0.00	1.1	0.05	2.0	3.1
Bandai Town	4 293	21 539	0.00	1.0	0.07	2.0	3.1
Furudono Town	6 374	21 729	0.00	1.1	0.05	2.0	3.1
Hanawa Town	10 663	19 907	0.00	1.0	0.04	2.0	3.0
Hirata Village	7 595	17 057	0.00	1.0	0.04	2.0	3.0

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate total effective dose, one-year-old infant, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Tamakawa Village	7 295	15 702	0.00	0.8	0.03	2.0	2.7
Aizumisato Town	24 631	14 621	0.00	0.7	0.04	2.0	2.7
Mishima Town	2 213	13 653	0.00	0.6	0.03	2.0	2.6
Yanaizu Town	4 263	13 126	0.00	0.6	0.03	2.0	2.6
Showa Village	1 632	12 239	0.00	0.6	0.02	2.0	2.6
Ishikawa Town	19 175	11 805	0.00	0.6	0.02	2.0	2.5
Tadami Town	5 277	5 326	0.00	0.4	0.04	2.0	2.4
Yamatsuri Town	6 821	6 302	0.00	0.3	0.01	2.0	2.3
Shomogo Town	7 010	3 371	0.00	0.2	0.14	2.0	2.3
Nishiaizu Town	8 237	6 164	0.00	0.3	0.02	2.0	2.3
Minamiaizu Town	19 896	5 132	0.00	0.2	0.01	2.0	2.2
Kanayama Town	2 871	3 167	0.00	0.1	0.01	2.0	2.1
Hinoemata Village	696	2 432	0.00	0.1	0.00	2.0	2.1

Table C-19.4. Average total effective dose to adults to year 10 after the accident for Group 3 prefectures

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, adult, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Chiba Ken	6 216 289						
Nagareyama City		55 500	0.00	1.8	0.08	0.2	2.1
Abiko City		44 667	0.00	1.4	0.06	0.2	1.7
Kashiwa City		43 667	0.00	1.4	0.06	0.2	1.7
Inzai City		35 750	0.00	1.1	0.05	0.2	1.4
Shiroi City		33 000	0.00	1.0	0.04	0.2	1.3
Matsudo City		31 000	0.00	1.0	0.04	0.2	1.2
Yachiyo City		28 500	0.00	0.9	0.04	0.2	1.1
Noda City		24 350	0.00	0.8	0.03	0.2	1.0
Ichikawa City		19 500	0.00	0.6	0.03	0.2	0.9
Sakae Town		20 000	0.00	0.6	0.03	0.2	0.8
Kozaki Town		18 000	0.00	0.6	0.02	0.2	0.8
Funabashi City		17 000	0.00	0.5	0.02	0.2	0.8
Yotsukaido City		14 000	0.00	0.4	0.02	0.2	0.7
Narita City		14 000	0.00	0.4	0.02	0.2	0.7
Urayasu City		13 000	0.00	0.4	0.02	0.2	0.6
Tonosho Town		11 000	0.00	0.4	0.01	0.2	0.6
Sakura City		8 600	0.00	0.3	0.01	0.2	0.5
Katori City		7 350	0.00	0.2	0.01	0.2	0.5
Shibayama Town		6 500	0.00	0.2	0.01	0.2	0.4
Yachimata City		5 700	0.00	0.2	0.01	0.2	0.4
Chiba City		5 400	0.00	0.2	0.01	0.2	0.4
Togane City		4 000	0.00	0.1	0.01	0.2	0.3
Gunma Ken	2 008 068						
Takayama Village		36 000	0.00	1.2	0.05	0.2	1.4
Kawaba Village		26 000	0.00	0.8	0.04	0.2	1.1
Nakanajo Town		21 714	0.00	0.7	0.03	0.2	0.9
Midori City		20 180	0.00	0.6	0.03	0.2	0.9
Annaka City		18 600	0.00	0.6	0.03	0.2	0.8
Numata City		18 467	0.00	0.6	0.02	0.2	0.8
Shibukawa City		18 250	0.00	0.6	0.02	0.2	0.8
Minakami Town		17 009	0.00	0.5	0.02	0.2	0.8
Tomioka City		14 875	0.00	0.5	0.02	0.2	0.7
Katashina Village		14 117	0.00	0.5	0.02	0.2	0.7
Takasaki City		14 143	0.00	0.4	0.02	0.2	0.7
Higashiagatsuma Town		13 767	0.00	0.4	0.02	0.2	0.7
Showa Village		13 500	0.00	0.4	0.02	0.2	0.7
Kiryu City		12 911	0.00	0.4	0.02	0.2	0.6

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, adult, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Shimonita Town		12 800	0.00	0.4	0.02	0.2	0.6
Nanmoku Village		12 550	0.00	0.4	0.02	0.2	0.6
Tsumagoi Village		10 000	0.00	0.3	0.01	0.2	0.6
Kanra Town		9 000	0.00	0.3	0.01	0.2	0.5
Ueno Village		7 800	0.00	0.2	0.01	0.2	0.5
Kanna Town		7 500	0.00	0.2	0.01	0.2	0.5
Naganohara Town		7 233	0.00	0.2	0.01	0.2	0.5
Maebashi City		6 660	0.00	0.2	0.01	0.2	0.4
Ota City		6 633	0.00	0.2	0.01	0.2	0.4
Shinto Village		5 600	0.00	0.2	0.01	0.2	0.4
Fujioka City		4 800	0.00	0.2	0.01	0.2	0.4
Iseaki City		4 500	0.00	0.1	0.01	0.2	0.4
Ibaraki Ken	2 969 770						
Ushiku City		39 500	0.00	1.3	0.05	0.2	1.5
Hitachinaka City		38 000	0.00	1.2	0.05	0.2	1.4
Toride City		36 333	0.00	1.2	0.05	0.2	1.4
Tone Town		35 000	0.00	1.1	0.05	0.2	1.4
Moriya City		30 000	0.00	1.0	0.04	0.2	1.2
Ami Town		27 333	0.00	0.9	0.04	0.2	1.1
Hitachi City		26 500	0.00	0.8	0.04	0.2	1.1
Ryugasaki City		21 500	0.00	0.7	0.03	0.2	0.9
Inashiki City		20 500	0.00	0.7	0.03	0.2	0.9
Tsuchiura City		19 817	0.00	0.6	0.03	0.2	0.9
Kasama City		20 000	0.00	0.6	0.03	0.2	0.9
Kasumigaura City		19 500	0.00	0.6	0.03	0.2	0.9
Tsukubamirai City		19 000	0.00	0.6	0.03	0.2	0.9
Naka City		19 000	0.00	0.6	0.03	0.2	0.9
Kitaibaraki City		18 857	0.00	0.6	0.03	0.2	0.8
Oarai Town		19 000	0.00	0.6	0.03	0.2	0.8
Kashima City		17 667	0.00	0.6	0.02	0.2	0.8
Takahagi City		17 329	0.00	0.5	0.02	0.2	0.8
Miho Village		16 850	0.00	0.5	0.02	0.2	0.8
Omitama City		16 500	0.00	0.5	0.02	0.2	0.8
Ibaraki Town		15 000	0.00	0.5	0.02	0.2	0.7
Tokai Village		14 000	0.00	0.4	0.02	0.2	0.7
Namegata City		13 333	0.00	0.4	0.02	0.2	0.7
Tsukuba City		13 429	0.00	0.4	0.02	0.2	0.7
Hokota City		12 817	0.00	0.4	0.02	0.2	0.6
Mito City		12 500	0.00	0.4	0.02	0.2	0.6
Itako City		12 000	0.00	0.4	0.02	0.2	0.6
Ishioka City		11 633	0.00	0.4	0.02	0.2	0.6

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, adult, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Daigo Town		10 940	0.00	0.4	0.01	0.2	0.6
Kamisu City		10 000	0.00	0.3	0.01	0.2	0.6
Kawachi Town		8 400	0.00	0.3	0.01	0.2	0.5
Joso City		6 500	0.00	0.2	0.01	0.2	0.4
Bando City		6 300	0.00	0.2	0.01	0.2	0.4
Hitachiota City		6 060	0.00	0.2	0.01	0.2	0.4
Sakai Town		5 000	0.00	0.2	0.01	0.2	0.4
Hitachiomiya City		4 400	0.00	0.1	0.01	0.2	0.4
Sakuragawa City		4 200	0.00	0.1	0.01	0.2	0.4
Iwate Ken	1 330 147						
Fujisawa Town		23 000	0.00	0.7	0.03	0.1	0.9
Ichinoseki City		15 836	0.00	0.5	0.02	0.1	0.6
Hiraizumi Town		14 000	0.00	0.4	0.02	0.1	0.6
Kanegasaki Town		13 000	0.00	0.4	0.02	0.1	0.6
Oshu City		12 786	0.00	0.4	0.02	0.1	0.5
Rikuzentakata City		10 600	0.00	0.3	0.01	0.1	0.5
Sumita Town		10 100	0.00	0.3	0.01	0.1	0.4
Ofunato City		5 200	0.00	0.2	0.01	0.1	0.3
Kitakami City		2 400	0.00	0.1	0.00	0.1	0.2
Miyagi Ken	2 348 165						
Marumori Town		41 231	0.00	1.3	0.06	0.2	1.6
Shiroishi City		23 200	0.00	0.7	0.03	0.2	1.0
Kakuda City		22 500	0.00	0.7	0.03	0.2	1.0
Yamamoto Town		22 333	0.00	0.7	0.03	0.2	1.0
Kurihara City		15 735	0.00	0.5	0.02	0.2	0.7
Kami Town		15 000	0.00	0.5	0.02	0.2	0.7
Ogawara Town		12 000	0.00	0.4	0.02	0.2	0.6
Shichikashuku Town		10 500	0.00	0.3	0.01	0.2	0.6
Tome City		8 275	0.00	0.3	0.01	0.2	0.5
Zao Town		8 200	0.00	0.3	0.01	0.2	0.5
Osaki City		7 050	0.00	0.2	0.01	0.2	0.5
Kesennuma City		6 500	0.00	0.2	0.01	0.2	0.4
Minamisanriku Town		6 450	0.00	0.2	0.01	0.2	0.4
Iwanuma City		6 050	0.00	0.2	0.01	0.2	0.4
Sendai City		6 000	0.00	0.2	0.01	0.2	0.4
Higashimatsushima City		5 600	0.00	0.2	0.01	0.2	0.4
Onagawa Town		5 200	0.00	0.2	0.01	0.2	0.4
Ishinomaki City		4 593	0.00	0.1	0.01	0.2	0.4
Misato Town		4 200	0.00	0.1	0.01	0.2	0.4
Shikama Town		3 600	0.00	0.1	0.00	0.2	0.3
Kawasaki Town		3 550	0.00	0.1	0.00	0.2	0.3

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, adult, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Tochigi Ken	2 007 683						
Nasushiobara City		79 824	0.00	2.5	0.11	0.2	2.8
Nasu Town		80 143	0.00	2.5	0.11	0.2	2.8
Yaita City		51 000	0.00	1.6	0.07	0.2	1.9
Otawara City		41 500	0.00	1.3	0.06	0.2	1.6
Shioya Town		36 800	0.00	1.2	0.05	0.2	1.4
Nikko City		26 885	0.00	0.8	0.04	0.2	1.1
Kanuma City		15 917	0.00	0.5	0.02	0.2	0.7
Sakura City		14 433	0.00	0.5	0.02	0.2	0.7
Nakagawa Town		9 300	0.00	0.3	0.01	0.2	0.5
Tochigi City		7 850	0.00	0.3	0.01	0.2	0.5
Utsunomiya City		7 850	0.00	0.3	0.01	0.2	0.5
Sano City		7 880	0.00	0.2	0.01	0.2	0.5
Mibu Town		7 100	0.00	0.2	0.01	0.2	0.5
Takanezawa Town		5 000	0.00	0.2	0.01	0.2	0.4
Ashikaga City		4 850	0.00	0.2	0.01	0.2	0.4

Table C-19.5. Average total effective dose to 10-year-old children to year 10 after the accident for Group 3 prefectures

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, 10-year-old child, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Chiba Ken	6 216 289						
Nagareyama City		55 500	0.00	2.5	0.12	0.3	3.0
Abiko City		44 667	0.00	2.0	0.10	0.3	2.4
Kashiwa City		43 667	0.00	1.9	0.10	0.3	2.3
Inzai City		35 750	0.00	1.6	0.08	0.3	2.0
Shiroi City		33 000	0.00	1.4	0.07	0.3	1.8
Matsudo City		31 000	0.00	1.4	0.07	0.3	1.8
Yachiyo City		28 500	0.00	1.2	0.06	0.3	1.6
Noda City		24 350	0.00	1.1	0.05	0.3	1.5
Ichikawa City		19 500	0.00	0.8	0.04	0.3	1.2
Sakae Town		20 000	0.00	0.8	0.04	0.3	1.2
Kozaki Town		18 000	0.00	0.8	0.04	0.3	1.2
Funabashi City		17 000	0.00	0.7	0.04	0.3	1.1
Yotsukaido City		14 000	0.00	0.6	0.03	0.3	1.0
Narita City		14 000	0.00	0.6	0.03	0.3	1.0
Urayasu City		13 000	0.00	0.6	0.03	0.3	0.9
Tonosho Town		11 000	0.00	0.5	0.02	0.3	0.8
Sakura City		8 600	0.00	0.4	0.02	0.3	0.7
Katori City		7 350	0.00	0.3	0.02	0.3	0.7
Shibayama Town		6 500	0.00	0.3	0.01	0.3	0.6
Yachimata City		5 700	0.00	0.3	0.01	0.3	0.6
Chiba City		5 400	0.00	0.2	0.01	0.3	0.6
Togane City		4 000	0.00	0.2	0.01	0.3	0.5
Gunma Ken	2 008 068						
Takayama Village		36 000	0.00	1.6	0.08	0.3	2.0
Kawaba Village		26 000	0.00	1.2	0.06	0.3	1.6
Nakanoyo Town		21 714	0.00	1.0	0.05	0.3	1.4
Midori City		20 180	0.00	0.9	0.04	0.3	1.3
Annaka City		18 600	0.00	0.8	0.04	0.3	1.2
Numata City		18 467	0.00	0.8	0.04	0.3	1.2
Shibukawa City		18 250	0.00	0.8	0.04	0.3	1.2
Minakami Town		17 009	0.00	0.8	0.04	0.3	1.1
Tomioka City		14 875	0.00	0.7	0.03	0.3	1.0
Katashina Village		14 117	0.00	0.6	0.03	0.3	1.0
Takasaki City		14 143	0.00	0.6	0.03	0.3	1.0
Higashiagatsuma Town		13 767	0.00	0.6	0.03	0.3	1.0
Showa Village		13 500	0.00	0.6	0.03	0.3	0.9
Kiryu City		12 911	0.00	0.6	0.03	0.3	0.9

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, 10-year-old child, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Shimonita Town		12 800	0.00	0.6	0.03	0.3	0.9
Nanmoku Village		12 550	0.00	0.6	0.03	0.3	0.9
Tsumagoi Village		10 000	0.00	0.5	0.02	0.3	0.8
Kanra Town		9 000	0.00	0.4	0.02	0.3	0.7
Ueno Village		7 800	0.00	0.3	0.02	0.3	0.7
Kanna Town		7 500	0.00	0.3	0.02	0.3	0.7
Naganohara Town		7 233	0.00	0.3	0.02	0.3	0.7
Maebashi City		6 660	0.00	0.3	0.01	0.3	0.6
Ota City		6 633	0.00	0.3	0.01	0.3	0.6
Shinto Village		5 600	0.00	0.2	0.01	0.3	0.6
Fujioka City		4 800	0.00	0.2	0.01	0.3	0.6
Iseaki City		4 500	0.00	0.2	0.01	0.3	0.5
Ibaraki Ken	2 969 770						
Ushiku City		39 500	0.00	1.8	0.09	0.3	2.2
Hitachinaka City		38 000	0.00	1.6	0.08	0.3	2.1
Toride City		36 333	0.00	1.6	0.08	0.3	2.0
Tone Town		35 000	0.00	1.5	0.08	0.3	1.9
Moriya City		30 000	0.00	1.4	0.07	0.3	1.7
Ami Town		27 333	0.00	1.2	0.06	0.3	1.6
Hitachi City		26 500	0.00	1.2	0.06	0.3	1.6
Ryugasaki City		21 500	0.00	1.0	0.05	0.3	1.4
Inashiki City		20 500	0.00	0.9	0.04	0.3	1.3
Tsuchiura City		19 817	0.00	0.9	0.04	0.3	1.3
Kasama City		20 000	0.00	0.9	0.04	0.3	1.3
Kasumigaura City		19 500	0.00	0.9	0.04	0.3	1.3
Tsukubamirai City		19 000	0.00	0.9	0.04	0.3	1.2
Naka City		19 000	0.00	0.9	0.04	0.3	1.2
Kitaibaraki City		18 857	0.00	0.8	0.04	0.3	1.2
Oarai Town		19 000	0.00	0.8	0.04	0.3	1.2
Kashima City		17 667	0.00	0.8	0.04	0.3	1.2
Takahagi City		17 329	0.00	0.8	0.04	0.3	1.1
Miho Village		16 850	0.00	0.8	0.04	0.3	1.1
Omitama City		16 500	0.00	0.7	0.04	0.3	1.1
Ibaraki Town		15 000	0.00	0.6	0.03	0.3	1.0
Tokai Village		14 000	0.00	0.6	0.03	0.3	1.0
Namegata City		13 333	0.00	0.6	0.03	0.3	1.0
Tsukuba City		13 429	0.00	0.6	0.03	0.3	1.0
Hokota City		12 817	0.00	0.6	0.03	0.3	0.9
Mito City		12 500	0.00	0.5	0.03	0.3	0.9
Itako City		12 000	0.00	0.5	0.03	0.3	0.9
Ishioka City		11 633	0.00	0.5	0.03	0.3	0.9

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, 10-year-old child, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Daigo Town		10 940	0.00	0.5	0.02	0.3	0.8
Kamisu City		10 000	0.00	0.4	0.02	0.3	0.8
Kawachi Town		8 400	0.00	0.4	0.02	0.3	0.7
Joso City		6 500	0.00	0.3	0.01	0.3	0.6
Bando City		6 300	0.00	0.3	0.01	0.3	0.6
Hitachiota City		6 060	0.00	0.3	0.01	0.3	0.6
Sakai Town		5 000	0.00	0.2	0.01	0.3	0.6
Hitachiomiya City		4 400	0.00	0.2	0.01	0.3	0.5
Sakuragawa City		4 200	0.00	0.2	0.01	0.3	0.5
Iwate Ken	1 330 147						
Fujisawa Town		23 000	0.00	1.0	0.05	0.1	1.2
Ichinoseki City		15 836	0.00	0.7	0.03	0.1	0.9
Hiraizumi Town		14 000	0.00	0.6	0.03	0.1	0.8
Kanegasaki Town		13 000	0.00	0.6	0.03	0.1	0.8
Oshu City		12 786	0.00	0.6	0.03	0.1	0.7
Rikuzentakata City		10 600	0.00	0.5	0.02	0.1	0.6
Sumita Town		10 100	0.00	0.5	0.02	0.1	0.6
Ofunato City		5 200	0.00	0.2	0.01	0.1	0.4
Kitakami City		2 400	0.00	0.1	0.01	0.1	0.3
Miyagi Ken	2 348 165						
Marumori Town		41 231	0.00	1.8	0.09	0.3	2.2
Shiroishi City		23 200	0.00	1.0	0.05	0.3	1.4
Kakuda City		22 500	0.00	1.0	0.05	0.3	1.4
Yamamoto Town		22 333	0.00	1.0	0.05	0.3	1.4
Kurihara City		15 735	0.00	0.7	0.03	0.3	1.1
Kami Town		15 000	0.00	0.7	0.03	0.3	1.1
Ogawara Town		12 000	0.00	0.5	0.03	0.3	0.9
Shichikashuku Town		10 500	0.00	0.5	0.02	0.3	0.8
Tome City		8 275	0.00	0.4	0.02	0.3	0.7
Zao Town		8 200	0.00	0.4	0.02	0.3	0.7
Osaki City		7 050	0.00	0.3	0.02	0.3	0.7
Kesennuma City		6 500	0.00	0.3	0.01	0.3	0.6
Minamisanriku Town		6 450	0.00	0.3	0.01	0.3	0.6
Iwanuma City		6 050	0.00	0.3	0.01	0.3	0.6
Sendai City		6 000	0.00	0.3	0.01	0.3	0.6
Higashimatsushima City		5 600	0.00	0.2	0.01	0.3	0.6
Onagawa Town		5 200	0.00	0.2	0.01	0.3	0.6
Ishinomaki City		4 593	0.00	0.2	0.01	0.3	0.5
Misato Town		4 200	0.00	0.2	0.01	0.3	0.5
Shikama Town		3 600	0.00	0.2	0.01	0.3	0.5
Kawasaki Town		3 550	0.00	0.2	0.01	0.3	0.5

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, 10-year-old child, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Tochigi Ken	2 007 683						
Nasushiobara City		79 824	0.00	3.5	0.17	0.3	4.0
Nasu Town		80 143	0.00	3.5	0.17	0.3	4.0
Yaita City		51 000	0.00	2.3	0.11	0.3	2.7
Otawara City		41 500	0.00	1.8	0.09	0.3	2.3
Shioya Town		36 800	0.00	1.6	0.08	0.3	2.1
Nikko City		26 885	0.00	1.2	0.06	0.3	1.6
Kanuma City		15 917	0.00	0.7	0.03	0.3	1.1
Sakura City		14 433	0.00	0.6	0.03	0.3	1.0
Nakagawa Town		9 300	0.00	0.4	0.02	0.3	0.8
Tochigi City		7 850	0.00	0.4	0.02	0.3	0.7
Utsunomiya City		7 850	0.00	0.4	0.02	0.3	0.7
Sano City		7 880	0.00	0.3	0.02	0.3	0.7
Mibu Town		7 100	0.00	0.3	0.02	0.3	0.7
Takanezawa Town		5 000	0.00	0.2	0.01	0.3	0.6
Ashikaga City		4 850	0.00	0.2	0.01	0.3	0.6

Table C-19.6. Average total effective dose to one-year-old infants to year 10 after the accident for Group 3 prefectures

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate total effective dose one-year-old infant, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Chiba Ken	6 216 289						
Nagareyama City		55 500	0.00	4.0	0.15	0.6	4.7
Abiko City		44 667	0.00	3.1	0.12	0.6	3.8
Kashiwa City		43 667	0.00	3.1	0.12	0.6	3.7
Inzai City		35 750	0.00	2.5	0.09	0.6	3.1
Shiroi City		33 000	0.00	2.3	0.09	0.6	2.9
Matsudo City		31 000	0.00	2.2	0.08	0.6	2.8
Yachiyo City		28 500	0.00	2.0	0.08	0.6	2.6
Noda City		24 350	0.00	1.7	0.06	0.6	2.3
Sakae Town		20 000	0.00	1.4	0.05	0.6	2.0
Ichikawa City		19 500	0.00	1.4	0.05	0.6	2.0
Kozaki Town		18 000	0.00	1.3	0.05	0.6	1.9
Funabashi City		17 000	0.00	1.2	0.04	0.6	1.8
Yotsukaido City		14 000	0.00	1.0	0.04	0.6	1.6
Narita City		14 000	0.00	1.0	0.04	0.6	1.6
Urayasu City		13 000	0.00	0.9	0.03	0.6	1.5
Tonosho Town		11 000	0.00	0.8	0.03	0.6	1.4
Sakura City		8 600	0.00	0.6	0.02	0.6	1.2
Katori City		7 350	0.00	0.5	0.02	0.6	1.1
Shibayama Town		6 500	0.00	0.5	0.02	0.6	1.0
Yachimata City		5 700	0.00	0.4	0.02	0.6	1.0
Chiba City		5 400	0.00	0.4	0.01	0.6	0.9
Togane City		4 000	0.00	0.3	0.01	0.6	0.8
Gunma Ken	2 008 068						
Takayama Village		36 000	0.00	2.6	0.09	0.6	3.2
Kawaba Village		26 000	0.00	1.9	0.07	0.6	2.5
Nakanojo Town		21 714	0.00	1.5	0.06	0.6	2.2
Midori City		20 180	0.00	1.4	0.05	0.6	2.0
Annaka City		18 600	0.00	1.3	0.05	0.6	1.9
Numata City		18 467	0.00	1.3	0.05	0.6	1.9
Shibukawa City		18 250	0.00	1.3	0.05	0.6	1.9
Minakami Town		17 009	0.00	1.2	0.04	0.6	1.8
Tomioka City		14 875	0.00	1.1	0.04	0.6	1.6
Katashina Village		14 117	0.00	1.0	0.04	0.6	1.6
Takasaki City		14 143	0.00	1.0	0.04	0.6	1.6
Higashiagatsuma Town		13 767	0.00	1.0	0.04	0.6	1.6
Showa Village		13 500	0.00	0.9	0.04	0.6	1.5
Kiryu City		12 911	0.00	0.9	0.03	0.6	1.5

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate total effective dose one-year-old infant, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Shimonita Town		12 800	0.00	0.9	0.03	0.6	1.5
Nanmoku Village		12 550	0.00	0.9	0.03	0.6	1.5
Tsumagoi Village		10 000	0.00	0.7	0.03	0.6	1.3
Kanra Town		9 000	0.00	0.6	0.02	0.6	1.2
Ueno Village		7 800	0.00	0.5	0.02	0.6	1.1
Kanna Town		7 500	0.00	0.5	0.02	0.6	1.1
Naganohara Town		7 233	0.00	0.5	0.02	0.6	1.1
Maebashi City		6 660	0.00	0.5	0.02	0.6	1.0
Ota City		6 633	0.00	0.5	0.02	0.6	1.0
Shinto Village		5 600	0.00	0.4	0.01	0.6	1.0
Fujioka City		4 800	0.00	0.3	0.01	0.6	0.9
Isesaki City		4 500	0.00	0.3	0.01	0.6	0.9
Ibaraki Ken	2 969 770						
Ushiku City		39 500	0.00	2.8	0.10	0.6	3.5
Hitachinaka City		38 000	0.00	2.6	0.10	0.6	3.3
Toride City		36 333	0.00	2.6	0.10	0.6	3.2
Tone Town		35 000	0.00	2.4	0.09	0.6	3.1
Moriya City		30 000	0.00	2.1	0.08	0.6	2.8
Ami Town		27 333	0.00	1.9	0.07	0.6	2.6
Hitachi City		26 500	0.00	1.9	0.07	0.6	2.5
Ryugasaki City		21 500	0.00	1.5	0.06	0.6	2.1
Inashiki City		20 500	0.00	1.4	0.05	0.6	2.1
Tsuchiura City		19 817	0.00	1.4	0.05	0.6	2.0
Kasama City		20 000	0.00	1.4	0.05	0.6	2.0
Kasumigaura City		19 500	0.00	1.4	0.05	0.6	2.0
Tsukubamirai City		19 000	0.00	1.4	0.05	0.6	2.0
Naka City		19 000	0.00	1.3	0.05	0.6	1.9
Kitaibaraki City		18 857	0.00	1.3	0.05	0.6	1.9
Oarai Town		19 000	0.00	1.3	0.05	0.6	1.9
Kashima City		17 667	0.00	1.2	0.05	0.6	1.8
Takahagi City		17 329	0.00	1.2	0.05	0.6	1.8
Miho Village		16 850	0.00	1.2	0.04	0.6	1.8
Omitama City		16 500	0.00	1.2	0.04	0.6	1.8
Ibaraki Town		15 000	0.00	1.0	0.04	0.6	1.6
Tokai Village		14 000	0.00	1.0	0.04	0.6	1.6
Namegata City		13 333	0.00	1.0	0.04	0.6	1.5
Tsukuba City		13 429	0.00	1.0	0.04	0.6	1.5
Hokota City		12 817	0.00	0.9	0.03	0.6	1.5
Mito City		12 500	0.00	0.9	0.03	0.6	1.5
Itako City		12 000	0.00	0.9	0.03	0.6	1.4
Ishioka City		11 633	0.00	0.8	0.03	0.6	1.4
Daigo Town		10 940	0.00	0.8	0.03	0.6	1.4

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate total effective dose one-year-old infant, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Kamisui City		10 000	0.00	0.7	0.03	0.6	1.3
Kawachi Town		8 400	0.00	0.6	0.02	0.6	1.2
Joso City		6 500	0.00	0.5	0.02	0.6	1.0
Bando City		6 300	0.00	0.4	0.02	0.6	1.0
Hitachiota City		6 060	0.00	0.4	0.02	0.6	1.0
Sakai Town		5 000	0.00	0.4	0.01	0.6	0.9
Hitachiomiya City		4 400	0.00	0.3	0.01	0.6	0.9
Sakuragawa City		4 200	0.00	0.3	0.01	0.6	0.9
Iwate Ken	1 330 147						
Fujisawa Town		23 000	0.00	1.6	0.06	0.2	1.9
Ichinoseki City		15 836	0.00	1.1	0.04	0.2	1.3
Hiraizumi Town		14 000	0.00	1.0	0.04	0.2	1.2
Kanegasaki Town		13 000	0.00	0.9	0.03	0.2	1.2
Oshu City		12 786	0.00	0.9	0.03	0.2	1.1
Rikuzentakata City		10 600	0.00	0.8	0.03	0.2	1.0
Sumita Town		10 100	0.00	0.7	0.03	0.2	0.9
Ofunato City		5 200	0.00	0.4	0.01	0.2	0.6
Kitakami City		2 400	0.00	0.2	0.01	0.2	0.4
Miyagi Ken	2 348 165						
Marumori Town		41 231	0.00	2.9	0.11	0.6	3.5
Shiroishi City		23 200	0.00	1.6	0.06	0.6	2.2
Kakuda City		22 500	0.00	1.6	0.06	0.6	2.2
Yamamoto Town		22 333	0.00	1.6	0.06	0.6	2.2
Kurihara City		15 735	0.00	1.1	0.04	0.6	1.7
Kami Town		15 000	0.00	1.1	0.04	0.6	1.7
Ogawara Town		12 000	0.00	0.8	0.03	0.6	1.4
Shichikashuku Town		10 500	0.00	0.8	0.03	0.6	1.3
Tome City		8 275	0.00	0.6	0.02	0.6	1.2
Zao Town		8 200	0.00	0.6	0.02	0.6	1.1
Osaki City		7 050	0.00	0.5	0.02	0.6	1.1
Kesennuma City		6 500	0.00	0.5	0.02	0.6	1.0
Minamisanriku Town		6 450	0.00	0.5	0.02	0.6	1.0
Iwanuma City		6 050	0.00	0.4	0.02	0.6	1.0
Sendai City		6 000	0.00	0.4	0.02	0.6	1.0
Higashimatsushima City		5 600	0.00	0.4	0.01	0.6	1.0
Onagawa Town		5 200	0.00	0.4	0.01	0.6	0.9
Ishinomaki City		4 593	0.00	0.3	0.01	0.6	0.9
Misato Town		4 200	0.00	0.3	0.01	0.6	0.9
Shikama Town		3 600	0.00	0.3	0.01	0.6	0.8
Kawasaki Town		3 550	0.00	0.3	0.01	0.6	0.8

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate total effective dose one-year-old infant, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Tochigi Ken	2 007 683						
Nasu Town		80 143	0.00	5.6	0.21	0.6	6.4
Nasushiobara City		79 824	0.00	5.6	0.21	0.6	6.4
Yaita City		51 000	0.00	3.6	0.13	0.6	4.3
Otawara City		41 500	0.00	2.9	0.11	0.6	3.6
Shioya Town		36 800	0.00	2.6	0.10	0.6	3.3
Nikko City		26 885	0.00	1.9	0.07	0.6	2.5
Kanuma City		15 917	0.00	1.1	0.04	0.6	1.7
Sakura City		14 433	0.00	1.0	0.04	0.6	1.6
Nakagawa Town		9 300	0.00	0.7	0.02	0.6	1.2
Tochigi City		7 850	0.00	0.6	0.02	0.6	1.1
Utsunomiya City		7 850	0.00	0.6	0.02	0.6	1.1
Sano City		7 880	0.00	0.5	0.02	0.6	1.1
Mibu Town		7 100	0.00	0.5	0.02	0.6	1.1
Takanezawa Town		5 000	0.00	0.4	0.01	0.6	0.9
Ashikaga City		4 850	0.00	0.3	0.01	0.6	0.9

Table C-19.7. Average total effective dose to adults to year 10 after the accident for rest of Japan (Group 4)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

Prefecture [City]	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil Bq/m^2	Estimate of total effective dose, adult, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Aichi [Nagoya]	7 410 719	9	0.00	0.0	0.00	0.1	0.11
Akita [Akita]	1 085 997	175	0.00	0.0	0.00	0.1	0.12
Aomori [Aomori]	1 373 339	67	0.00	0.0	0.00	0.1	0.11
Ehime [Matsuyama]	1 431 493	7	0.00	0.0	0.00	0.1	0.11
Fukui [Fukui]	806 314	31	0.00	0.0	0.00	0.1	0.11
Fukuoka [Dazaifu]	5 071 968	1	0.00	0.0	0.00	0.1	0.11
Gifu [Kakamigahara]	2 080 773	16	0.00	0.0	0.00	0.1	0.11
Hiroshima [Hiroshima]	2 860 750	4	0.00	0.0	0.00	0.1	0.11
Hokkaido [Sapporo]	5 506 419	9	0.00	0.0	0.00	0.1	0.11
Hyogo [Kobe]	5 588 133	8	0.00	0.0	0.00	0.1	0.11
Ishikawa [Kanazawa]	1 169 788	13	0.00	0.0	0.00	0.1	0.11
Kagawa [Takamatsu]	995 842	6	0.00	0.0	0.00	0.1	0.11
Kagoshima [Kagoshima]	796 896	1	0.00	0.0	0.00	0.1	0.11
Kanagawa [Chigasaki]	4 544 545	3 857	0.00	0.1	0.01	0.1	0.23
Kochi [Kochi]	764 456	36	0.00	0.0	0.00	0.1	0.11
Kumamoto [Uto]	1 817 426	0	0.00	0.0	0.00	0.1	0.11
Kyoto [Kyoto]	2 636 092	7	0.00	0.0	0.00	0.1	0.11
Mie [Yokkaichi]	1 854 724	27	0.00	0.0	0.00	0.1	0.11
Miyazaki [Miyazaki]	1 135 233	6	0.00	0.0	0.00	0.1	0.11
Nagano [Nagano]	2 152 449	1 251	0.00	0.0	0.00	0.1	0.16
Nagasaki [Omura]	1 426 779	2	0.00	0.0	0.00	0.1	0.11
Nara [Nara]	1 400 728	7	0.00	0.0	0.00	0.1	0.11
Niigata [Niigata]	2 374 450	49	0.00	0.0	0.00	0.1	0.11
Oita [Oita]	1 196 529	1	0.00	0.0	0.00	0.1	0.11
Okayama [Okayama]	1 945 276	4	0.00	0.0	0.00	0.1	0.11
Okinawa [Uruma]	1 392 818	4	0.00	0.0	0.00	0.1	0.11
Osaka [Osaka]	8 865 245	9	0.00	0.0	0.00	0.1	0.11
Saga [Saga]	849 788	1	0.00	0.0	0.00	0.1	0.11
Saitama [Saitama]	7 194 556	6 284	0.00	0.2	0.01	0.1	0.31
Shiga [Otsu]	1 410 777	7	0.00	0.0	0.00	0.1	0.11
Shimane [Matsue]	717 397	6	0.00	0.0	0.00	0.1	0.11
Shizuoka [Shizuoka]	3 765 007	643	0.00	0.0	0.00	0.1	0.13
Tokushima [Myozai]	785 491	8	0.00	0.0	0.00	0.1	0.11
Tokyo [Shinjuku]	13 159 388	8 499	0.00	0.3	0.01	0.1	0.38
Tottori [Touhaku]	588 667	11	0.00	0.0	0.00	0.1	0.11
Toyama [Imizu]	1 093 247	16	0.00	0.0	0.00	0.1	0.11
Wakayama [Wakayama]	1 002 198	10	0.00	0.0	0.00	0.1	0.11
Yamagata [Yamagata]	1 168 924	10 813	0.00	0.3	0.01	0.1	0.45
Yamaguchi [Yamaguchi]	1 451 338	3	0.00	0.0	0.00	0.1	0.11
Yamanashi [Kofu]	863 075	208	0.00	0.0	0.00	0.1	0.12

Table C-19.8. Average total effective dose to 10-year-old children to year 10 after the accident for rest of Japan (Group 4)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

Prefecture [City]	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, 10-year-old child, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Aichi [Nagoya]	7 410 719	9	0.00	0.0	0.00	0.1	0.14
Akita [Akita]	1 085 997	175	0.00	0.0	0.00	0.1	0.15
Aomori [Aomori]	1 373 339	67	0.00	0.0	0.00	0.1	0.14
Ehime [Matsuyama]	1 431 493	7	0.00	0.0	0.00	0.1	0.14
Fukui [Fukui]	806 314	31	0.00	0.0	0.00	0.1	0.14
Fukuoka [Dazaifu]	5 071 968	1	0.00	0.0	0.00	0.1	0.14
Gifu [Kakamigahara]	2 080 773	16	0.00	0.0	0.00	0.1	0.14
Hiroshima [Hiroshima]	2 860 750	4	0.00	0.0	0.00	0.1	0.14
Hokkaido [Sapporo]	5 506 419	9	0.00	0.0	0.00	0.1	0.14
Hyogo [Kobe]	5 588 133	8	0.00	0.0	0.00	0.1	0.14
Ishikawa [Kanazawa]	1 169 788	13	0.00	0.0	0.00	0.1	0.14
Kagawa [Takamatsu]	995 842	6	0.00	0.0	0.00	0.1	0.14
Kagoshima [Kagoshima]	796 896	1	0.00	0.0	0.00	0.1	0.14
Kanagawa [Chigasaki]	4 544 545	3 857	0.00	0.2	0.01	0.1	0.31
Kochi [Kochi]	764 456	36	0.00	0.0	0.00	0.1	0.14
Kumamoto [Uto]	1 817 426	0	0.00	0.0	0.00	0.1	0.14
Kyoto [Kyoto]	2 636 092	7	0.00	0.0	0.00	0.1	0.14
Mie [Yokkaichi]	1 854 724	27	0.00	0.0	0.00	0.1	0.14
Miyazaki [Miyazaki]	1 135 233	6	0.00	0.0	0.00	0.1	0.14
Nagano [Nagano]	2 152 449	1 251	0.00	0.1	0.00	0.1	0.20
Nagasaki [Omura]	1 426 779	2	0.00	0.0	0.00	0.1	0.14
Nara [Nara]	1 400 728	7	0.00	0.0	0.00	0.1	0.14
Niigata [Niigata]	2 374 450	49	0.00	0.0	0.00	0.1	0.14
Oita [Oita]	1 196 529	1	0.00	0.0	0.00	0.1	0.14
Okayama [Okayama]	1 945 276	4	0.00	0.0	0.00	0.1	0.14
Okinawa [Uruma]	1 392 818	4	0.00	0.0	0.00	0.1	0.14
Osaka [Osaka]	8 865 245	9	0.00	0.0	0.00	0.1	0.14
Saga [Saga]	849 788	1	0.00	0.0	0.00	0.1	0.14
Saitama [Saitama]	7 194 556	6 284	0.00	0.3	0.01	0.1	0.42
Shiga [Otsu]	1 410 777	7	0.00	0.0	0.00	0.1	0.14
Shimane [Matsue]	717 397	6	0.00	0.0	0.00	0.1	0.14
Shizuoka [Shizuoka]	3 765 007	643	0.00	0.0	0.00	0.1	0.17
Tokushima [Myozai]	785 491	8	0.00	0.0	0.00	0.1	0.14
Tokyo [Shinjuku]	13 159 388	8 499	0.00	0.4	0.02	0.1	0.52
Tottori [Touhaku]	588 667	11	0.00	0.0	0.00	0.1	0.14
Toyama [Imizu]	1 093 247	16	0.00	0.0	0.00	0.1	0.14
Wakayama [Wakayama]	1 002 198	10	0.00	0.0	0.00	0.1	0.14
Yamagata [Yamagata]	1 168 924	10 813	0.00	0.5	0.02	0.1	0.62
Yamaguchi [Yamaguchi]	1 451 338	3	0.00	0.0	0.00	0.1	0.14
Yamanashi [Kofu]	863 075	208	0.00	0.0	0.00	0.1	0.15

Table C-19.9. Average total effective dose to one-year-old infants to year 10 after the accident for rest of Japan (Group 4)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

Prefecture [City]	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate total effective dose, one-year-old infant, year 10 (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Aichi [Nagoya]	7 410 719	9	0.00	0.0	0.00	0.2	0.19
Akita [Akita]	1 085 997	175	0.00	0.0	0.00	0.2	0.20
Aomori [Aomori]	1 373 339	67	0.00	0.0	0.00	0.2	0.19
Ehime [Matsuyama]	1 431 493	7	0.00	0.0	0.03	0.2	0.22
Fukui [Fukui]	806 314	31	0.00	0.0	0.02	0.2	0.21
Fukuoka [Dazaifu]	5 071 968	1	0.00	0.0	0.02	0.2	0.21
Gifu [Kakamigahara]	2 080 773	16	0.00	0.0	0.01	0.2	0.20
Hiroshima [Hiroshima]	2 860 750	4	0.00	0.0	0.00	0.2	0.19
Hokkaido [Sapporo]	5 506 419	9	0.00	0.0	0.00	0.2	0.19
Hyogo [Kobe]	5 588 133	8	0.00	0.0	0.00	0.2	0.19
Ishikawa [Kanazawa]	1 169 788	13	0.00	0.0	0.00	0.2	0.19
Kagawa [Takamatsu]	995 842	6	0.00	0.0	0.00	0.2	0.19
Kagoshima [Kagoshima]	796 896	1	0.00	0.0	0.00	0.2	0.19
Kanagawa [Chigasaki]	4 544 545	3 857	0.00	0.3	0.00	0.2	0.45
Kochi [Kochi]	764 456	36	0.00	0.0	0.00	0.2	0.19
Kumamoto [Uto]	1 817 426	0	0.00	0.0	0.00	0.2	0.19
Kyoto [Kyoto]	2 636 092	7	0.00	0.0	0.00	0.2	0.19
Mie [Yokkaichi]	1 854 724	27	0.00	0.0	0.00	0.2	0.19
Miyazaki [Miyazaki]	1 135 233	6	0.00	0.0	0.00	0.2	0.19
Nagano [Nagano]	2 152 449	1 251	0.00	0.1	0.00	0.2	0.29
Nagasaki [Omura]	1 426 779	2	0.00	0.0	0.00	0.2	0.19
Nara [Nara]	1 400 728	7	0.00	0.0	0.00	0.2	0.19
Niigata [Niigata]	2 374 450	49	0.00	0.0	0.00	0.2	0.19
Oita [Oita]	1 196 529	1	0.00	0.0	0.00	0.2	0.19
Okayama [Okayama]	1 945 276	4	0.00	0.0	0.00	0.2	0.19
Okinawa [Uruma]	1 392 818	4	0.00	0.0	0.00	0.2	0.19
Osaka [Osaka]	8 865 245	9	0.00	0.0	0.00	0.2	0.19
Saga [Saga]	849 788	1	0.00	0.0	0.00	0.2	0.19
Saitama [Saitama]	7 194 556	6 284	0.00	0.4	0.00	0.2	0.62
Shiga [Otsu]	1 410 777	7	0.00	0.0	0.00	0.2	0.19
Shimane [Matsue]	717 397	6	0.00	0.0	0.00	0.2	0.19
Shizuoka [Shizuoka]	3 765 007	643	0.00	0.0	0.00	0.2	0.23
Tokushima [Myozai]	785 491	8	0.00	0.0	0.00	0.2	0.19
Tokyo [Shinjuku]	13 159 388	8 499	0.00	0.6	0.00	0.2	0.77
Tottori [Touhaku]	588 667	11	0.00	0.0	0.00	0.2	0.19
Toyama [Imizu]	1 093 247	16	0.00	0.0	0.00	0.2	0.19
Wakayama [Wakayama]	1 002 198	10	0.00	0.0	0.00	0.2	0.19
Yamagata [Yamagata]	1 168 924	10 813	0.00	0.7	0.00	0.2	0.92
Yamaguchi [Yamaguchi]	1 451 338	3	0.00	0.0	0.00	0.2	0.19
Yamanashi [Kofu]	863 075	208	0.00	0.0	0.00	0.2	0.20

Table C-19.10. Average total effective dose to adults over a lifetime for Fukushima Prefecture (excluding evacuated areas)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, adult, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Fukushima Prefecture	2 029 064						
Fukushima City	296 181	229 756	0.00	10.0	0.30	1.0	11.4
Koori Town	14 708	208 995	0.00	9.0	0.19	1.0	10.2
Nihonmatsu City	63 751	196 780	0.00	8.4	0.29	1.0	9.7
Otama Village	8 130	160 958	0.00	7.1	0.19	1.0	8.3
Koriyama City	341 781	162 842	0.00	7.0	0.16	1.0	8.2
Date City	69 963	147 327	0.00	6.5	0.15	1.0	7.7
Motomiya City	30 771	123 962	0.00	5.3	0.12	1.0	6.5
Tenei Village	6 589	115 528	0.00	4.9	0.11	1.0	6.0
Minamisoma City	72 941	109 564	0.00	4.8	0.12	1.0	6.0
Kawamata Town	16 847	89 663	0.00	4.0	0.26	1.0	5.3
Nishigo Village	18 615	95 946	0.00	4.1	0.10	1.0	5.2
Kunimi Town	9 952	88 496	0.00	3.8	0.09	1.0	5.0
Miharu Town	17 942	83 625	0.00	3.7	0.10	1.0	4.8
Shirakawa City	66 544	72 128	0.00	3.3	0.07	1.0	4.4
Sukagawa City	78 819	72 012	0.00	3.2	0.07	1.0	4.3
Kagamiishi Town	13 651	56 832	0.00	2.5	0.05	1.0	3.6
Izumizaki Village	6 949	55 844	0.00	2.5	0.06	1.0	3.6
Soma City	38 187	54 637	0.00	2.4	0.04	1.0	3.4
Kitashiobara Village	3 791	49 415	0.01	2.1	0.16	1.0	3.3
Shinchi Town	9 039	49 593	0.00	2.2	0.04	1.0	3.3
Iwaki City	354 297	26 637	0.01	1.6	0.47	1.0	3.1
Tanagura Town	15 702	45 177	0.00	2.0	0.04	1.0	3.0
Yukawa Village	3 455	37 554	0.00	1.6	0.10	1.0	2.8
Aizumisato Town	24 631	14 621	0.00	1.7	0.02	1.0	2.8
Tamura City	43 231	33 801	0.00	1.6	0.05	1.0	2.7
Yabuki Town	18 688	33 479	0.00	1.5	0.03	1.0	2.5
Aizuwakamatsu City	131 928	24 840	0.00	1.1	0.03	1.0	2.2
Kitakata City	55 824	20 601	0.01	1.0	0.15	1.0	2.2
Inawashiro Town	16 982	24 640	0.00	1.1	0.03	1.0	2.1
Nakajima Village	4 865	24 789	0.00	1.1	0.02	1.0	2.1
Asakawa Town	7 402	23 778	0.00	1.0	0.02	1.0	2.1
Ono Town	11 983	21 524	0.00	1.0	0.03	1.0	2.0
Furudono Town	6 374	21 729	0.00	0.9	0.03	1.0	2.0
Bandai Town	4 293	21 539	0.00	0.9	0.04	1.0	2.0
Samegava Village	4 259	21 109	0.00	0.9	0.03	1.0	2.0
Hanawa Town	10 663	19 907	0.00	0.9	0.02	1.0	1.9

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, adult, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Hirata Village	7 595	17 057	0.00	0.8	0.02	1.0	1.9
Aizubange Town	17 918	39 561	0.01	0.6	0.19	1.0	1.9
Tamakawa Village	7 295	15 702	0.00	0.7	0.02	1.0	1.7
Mishima Town	2 213	13 653	0.00	0.6	0.02	1.0	1.6
Yanaizu Town	4 263	13 126	0.00	0.6	0.02	1.0	1.6
Showa Village	1 632	12 239	0.00	0.5	0.01	1.0	1.6
Ishikawa Town	19 175	11 805	0.00	0.5	0.01	1.0	1.6
Tadami Town	5 277	5 326	0.00	0.3	0.02	1.0	1.4
Yamatsuri Town	6 821	6 302	0.00	0.3	0.01	1.0	1.3
Nishiaizu Town	8 237	6 164	0.00	0.3	0.01	1.0	1.3
Minamiaizu Town	19 896	5 132	0.00	0.2	0.00	1.0	1.3
Shomogo Town	7 010	3 371	0.00	0.1	0.00	1.0	1.2
Kanayama Town	2 871	3 167	0.00	0.1	0.00	1.0	1.2
Hinoemata Village	696	2 432	0.00	0.1	0.00	1.0	1.1

Table C-19.11. Average total effective dose to 10-year-old children over a lifetime for Fukushima Prefecture (excluding evacuated areas)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, 10-year-old child, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Fukushima Prefecture	2 029 064						
Fukushima City	296 181	229 756	0.00	13.8	0.49	1.24	15.6
Koori Town	14 708	208 995	0.00	12.4	0.31	1.24	14.0
Nihonmatsu City	63 751	196 780	0.00	11.6	0.47	1.24	13.3
Otama Village	8 130	160 958	0.00	9.7	0.31	1.24	11.3
Koriyama City	341 781	162 842	0.00	9.6	0.25	1.24	11.1
Date City	69 963	147 327	0.00	8.9	0.25	1.24	10.4
Motomiya City	30 771	123 962	0.00	7.3	0.19	1.24	8.8
Tenei Village	6 589	115 528	0.00	6.7	0.18	1.24	8.1
Minamisoma City	72 941	109 564	0.00	6.6	0.19	1.24	8.1
Kawamata Town	16 847	89 663	0.00	5.5	0.42	1.24	7.1
Nishigo Village	18 615	95 946	0.00	5.6	0.15	1.24	7.0
Kunimi Town	9 952	88 496	0.00	5.3	0.15	1.24	6.7
Miharu Town	17 942	83 625	0.00	5.1	0.17	1.24	6.5
Shirakawa City	66 544	72 128	0.00	4.5	0.12	1.24	5.9
Sukagawa City	78 819	72 012	0.00	4.4	0.12	1.24	5.8
Kagamiishi Town	13 651	56 832	0.00	3.4	0.09	1.24	4.8
Izumizaki Village	6 949	55 844	0.00	3.4	0.10	1.24	4.7
Soma City	38 187	54 637	0.00	3.2	0.07	1.24	4.6
Kitashiobara Village	3 791	49 415	0.01	2.9	0.23	1.24	4.4
Shinchi Town	9 039	49 593	0.00	3.1	0.06	1.24	4.4
Iwaki City	354 297	26 637	0.01	2.2	0.78	1.24	4.2
Tanagura Town	15 702	45 177	0.00	2.7	0.07	1.24	4.0
Yukawa Village	3 455	37 554	0.00	2.3	0.15	1.24	3.7
Aizumisato Town	24 631	14 621	0.00	2.4	0.03	1.24	3.6
Tamura City	43 231	33 801	0.00	2.2	0.08	1.24	3.5
Yabuki Town	18 688	33 479	0.00	2.0	0.05	1.24	3.3
Aizuwakamatsu City	131 928	24 840	0.00	1.5	0.05	1.24	2.8
Kitakata City	55 824	20 601	0.01	1.3	0.20	1.24	2.8
Inawashiro Town	16 982	24 640	0.00	1.5	0.05	1.24	2.8
Nakajima Village	4 865	24 789	0.00	1.5	0.04	1.24	2.8
Asakawa Town	7 402	23 778	0.00	1.4	0.04	1.24	2.7
Ono Town	11 983	21 524	0.00	1.3	0.05	1.24	2.6
Furudono Town	6 374	21 729	0.00	1.3	0.04	1.24	2.6
Bandai Town	4 293	21 539	0.00	1.3	0.06	1.24	2.6
Samegava Village	4 259	21 109	0.00	1.3	0.04	1.24	2.6
Hanawa Town	10 663	19 907	0.00	1.2	0.04	1.24	2.5

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, 10-year-old child, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Hirata Village	7 595	17 057	0.00	1.1	0.04	1.24	2.4
Aizubange Town	17 918	39 561	0.01	0.9	0.27	1.24	2.4
Tamakawa Village	7 295	15 702	0.00	0.9	0.03	1.24	2.2
Mishima Town	2 213	13 653	0.00	0.8	0.03	1.24	2.1
Yanaizu Town	4 263	13 126	0.00	0.8	0.03	1.24	2.0
Showa Village	1 632	12 239	0.00	0.7	0.02	1.24	2.0
Ishikawa Town	19 175	11 805	0.00	0.7	0.02	1.24	2.0
Tadami Town	5 277	5 326	0.00	0.4	0.03	1.24	1.7
Yamatsuri Town	6 821	6 302	0.00	0.4	0.01	1.24	1.6
Nishiaizu Town	8 237	6 164	0.00	0.4	0.01	1.24	1.6
Minamiaizu Town	19 896	5 132	0.00	0.3	0.01	1.24	1.5
Shomogo Town	7 010	3 371	0.00	0.2	0.01	1.24	1.4
Kanayama Town	2 871	3 167	0.00	0.2	0.01	1.24	1.4
Hinoemata Village	696	2 432	0.00	0.1	0.00	1.24	1.4

Table C-19.12. Average total effective dose to one-year-old infants over a lifetime for Fukushima Prefecture (excluding evacuated areas)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate total effective dose, one-year-old infant, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Fukushima Prefecture	2 029 064						
Fukushima City	296 181	229 756	0.00	15.6	0.56	1.96	18.1
Koori Town	14 708	208 995	0.00	14.0	0.36	1.96	16.3
Nihonmatsu City	63 751	196 780	0.00	13.0	0.54	1.96	15.5
Otama Village	8 130	160 958	0.00	10.9	0.36	1.96	13.3
Koriyama City	341 781	162 842	0.00	10.8	0.30	1.96	13.1
Date City	69 963	147 327	0.00	10.1	0.28	1.96	12.3
Motomiya City	30 771	123 962	0.00	8.2	0.23	1.96	10.4
Tenei Village	6 589	115 528	0.00	7.6	0.21	1.96	9.7
Minamisoma City	72 941	109 564	0.00	7.5	0.22	1.96	9.7
Kawamata Town	16 847	89 663	0.00	6.2	0.49	1.96	8.6
Nishigo Village	18 615	95 946	0.00	6.3	0.18	1.96	8.4
Kunimi Town	9 952	88 496	0.00	5.9	0.17	1.96	8.1
Miharu Town	17 942	83 625	0.00	5.7	0.19	1.96	7.8
Shirakawa City	66 544	72 128	0.00	5.1	0.14	1.96	7.2
Sukagawa City	78 819	72 012	0.00	5.0	0.13	1.96	7.1
Kagamiishi Town	13 651	56 832	0.00	3.9	0.10	1.96	5.9
Izumizaki Village	6 949	55 844	0.00	3.8	0.11	1.96	5.9
Soma City	38 187	54 637	0.00	3.7	0.08	1.96	5.7
Kitashiobara Village	3 791	49 415	0.01	3.3	0.26	1.96	5.5
Shinchi Town	9 039	49 593	0.00	3.5	0.07	1.96	5.5
Iwaki City	354 297	26 637	0.01	2.5	0.92	1.96	5.4
Tanagura Town	15 702	45 177	0.00	3.0	0.08	1.96	5.1
Yukawa Village	3 455	37 554	0.00	2.6	0.18	1.96	4.7
Aizumisato Town	24 631	14 621	0.00	2.7	0.04	1.96	4.7
Tamura City	43 231	33 801	0.00	2.5	0.10	1.96	4.5
Yabuki Town	18 688	33 479	0.00	2.3	0.06	1.96	4.3
Aizuwakamatsu City	131 928	24 840	0.00	1.7	0.06	1.96	3.7
Kitakata City	55 824	20 601	0.01	1.5	0.23	1.96	3.7
Inawashiro Town	16 982	24 640	0.00	1.7	0.05	1.96	3.7
Nakajima Village	4 865	24 789	0.00	1.7	0.04	1.96	3.7
Asakawa Town	7 402	23 778	0.00	1.6	0.04	1.96	3.6
Ono Town	11 983	21 524	0.00	1.5	0.06	1.96	3.5
Furudono Town	6 374	21 729	0.00	1.5	0.05	1.96	3.5
Bandai Town	4 293	21 539	0.00	1.4	0.07	1.96	3.5
Samegava Village	4 259	21 109	0.00	1.5	0.05	1.96	3.5
Hanawa Town	10 663	19 907	0.00	1.3	0.04	1.96	3.3
Hirata Village	7 595	17 057	0.00	1.3	0.04	1.96	3.3

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate total effective dose, one-year-old infant, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Aizubange Town	17 918	39 561	0.01	1.0	0.31	1.96	3.3
Tamakawa Village	7 295	15 702	0.00	1.1	0.03	1.96	3.0
Mishima Town	2 213	13 653	0.00	0.9	0.03	1.96	2.9
Yanaizu Town	4 263	13 126	0.00	0.9	0.03	1.96	2.9
Showa Village	1 632	12 239	0.00	0.8	0.02	1.96	2.8
Ishikawa Town	19 175	11 805	0.00	0.8	0.02	1.96	2.8
Tadami Town	5 277	5 326	0.00	0.5	0.04	1.96	2.5
Yamatsuri Town	6 821	6 302	0.00	0.4	0.01	1.96	2.4
Nishiaizu Town	8 237	6 164	0.00	0.4	0.02	1.96	2.4
Minamiaizu Town	19 896	5 132	0.00	0.3	0.01	1.96	2.3
Shomogo Town	7 010	3 371	0.00	0.2	0.01	1.96	2.2
Kanayama Town	2 871	3 167	0.00	0.2	0.01	1.96	2.2
Hinoemata Village	696	2 432	0.00	0.2	0.00	1.96	2.1

Table C-19.13. Average total effective dose to adults over a lifetime for Group 3 prefectures

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, adult, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Chiba Ken	6 216 289						
Nagareyama City		55 500	0.00	2.55	0.08	0.2	2.9
Abiko City		44 667	0.00	2.03	0.06	0.2	2.3
Kashiwa City		43 667	0.00	1.97	0.06	0.2	2.3
Inzai City		35 750	0.00	1.61	0.05	0.2	1.9
Shiroi City		33 000	0.00	1.48	0.04	0.2	1.8
Matsudo City		31 000	0.00	1.40	0.04	0.2	1.7
Yachiyo City		28 500	0.00	1.27	0.04	0.2	1.5
Noda City		24 350	0.00	1.10	0.03	0.2	1.4
Sakae Town		20 000	0.00	0.87	0.03	0.2	1.1
Ichikawa City		19 500	0.00	0.87	0.03	0.2	1.1
Kozaki Town		18 000	0.00	0.82	0.02	0.2	1.1
Funabashi City		17 000	0.00	0.77	0.02	0.2	1.0
Yotsukaido City		14 000	0.00	0.64	0.02	0.2	0.9
Narita City		14 000	0.00	0.63	0.02	0.2	0.9
Urayasu City		13 000	0.00	0.58	0.02	0.2	0.8
Tonosho Town		11 000	0.00	0.50	0.01	0.2	0.7
Sakura City		8 600	0.00	0.39	0.01	0.2	0.6
Katori City		7 350	0.00	0.33	0.01	0.2	0.6
Shibayama Town		6 500	0.00	0.29	0.01	0.2	0.5
Yachimata City		5 700	0.00	0.26	0.01	0.2	0.5
Chiba City		5 400	0.00	0.24	0.01	0.2	0.5
Togane City		4 000	0.00	0.18	0.01	0.2	0.4
Gunma Ken	2 008 068						
Takayama Village		36 000	0.00	1.66	0.05	0.2	1.9
Kawaba Village		26 000	0.00	1.20	0.04	0.2	1.5
Nakanojo Town		21 714	0.00	1.00	0.03	0.2	1.3
Midori City		20 180	0.00	0.91	0.03	0.2	1.2
Annaka City		18 600	0.00	0.84	0.03	0.2	1.1
Numata City		18 467	0.00	0.84	0.02	0.2	1.1
Shibukawa City		18 250	0.00	0.82	0.02	0.2	1.1
Minakami Town		17 009	0.00	0.78	0.02	0.2	1.0
Tomioka City		14 875	0.00	0.68	0.02	0.2	0.9
Katashina Village		14 117	0.00	0.65	0.02	0.2	0.9
Takasaki City		14 143	0.00	0.64	0.02	0.2	0.9
Higashiagatsuma Town		13 767	0.00	0.63	0.02	0.2	0.9
Showa Village		13 500	0.00	0.60	0.02	0.2	0.8
Kiryu City		12 911	0.00	0.58	0.02	0.2	0.8

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, adult, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Shimonita Town		12 800	0.00	0.58	0.02	0.2	0.8
Nanmoku Village		12 550	0.00	0.57	0.02	0.2	0.8
Tsumagoi Village		10 000	0.00	0.47	0.01	0.2	0.7
Kanra Town		9 000	0.00	0.41	0.01	0.2	0.7
Ueno Village		7 800	0.00	0.34	0.01	0.2	0.6
Kanna Town		7 500	0.00	0.34	0.01	0.2	0.6
Naganohara Town		7 233	0.00	0.33	0.01	0.2	0.6
Maebashi City		6 660	0.00	0.30	0.01	0.2	0.5
Ota City		6 633	0.00	0.30	0.01	0.2	0.5
Shinto Village		5 600	0.00	0.25	0.01	0.2	0.5
Fujioka City		4 800	0.00	0.22	0.01	0.2	0.5
Iseaki City		4 500	0.00	0.20	0.01	0.2	0.4
Ibaraki Ken	2 969 770						
Ushiku City		39 500	0.00	1.81	0.05	0.2	2.1
Hitachinaka City		38 000	0.00	1.69	0.05	0.2	2.0
Toride City		36 333	0.00	1.65	0.05	0.2	1.9
Tone Town		35 000	0.00	1.56	0.05	0.2	1.8
Moriya City		30 000	0.00	1.38	0.04	0.2	1.6
Ami Town		27 333	0.00	1.25	0.04	0.2	1.5
Hitachi City		26 500	0.00	1.19	0.04	0.2	1.5
Ryugasaki City		21 500	0.00	0.99	0.03	0.2	1.3
Inashiki City		20 500	0.00	0.93	0.03	0.2	1.2
Tsuchiura City		19 817	0.00	0.91	0.03	0.2	1.2
Kasama City		20 000	0.00	0.91	0.03	0.2	1.2
Kasumigaura City		19 500	0.00	0.90	0.03	0.2	1.2
Tsukubamirai City		19 000	0.00	0.87	0.03	0.2	1.1
Naka City		19 000	0.00	0.87	0.03	0.2	1.1
Kitaibaraki City		18 857	0.00	0.86	0.03	0.2	1.1
Oarai Town		19 000	0.00	0.85	0.03	0.2	1.1
Kashima City		17 667	0.00	0.80	0.02	0.2	1.1
Takahagi City		17 329	0.00	0.78	0.02	0.2	1.0
Miho Village		16 850	0.00	0.78	0.02	0.2	1.0
Omitama City		16 500	0.00	0.75	0.02	0.2	1.0
Ibaraki Town		15 000	0.00	0.67	0.02	0.2	0.9
Tokai Village		14 000	0.00	0.64	0.02	0.2	0.9
Namegata City		13 333	0.00	0.62	0.02	0.2	0.9
Tsukuba City		13 429	0.00	0.62	0.02	0.2	0.9
Hokota City		12 817	0.00	0.58	0.02	0.2	0.8
Mito City		12 500	0.00	0.56	0.02	0.2	0.8
Itako City		12 000	0.00	0.55	0.02	0.2	0.8
Ishioka City		11 633	0.00	0.54	0.02	0.2	0.8

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, adult, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Daigo Town		10 940	0.00	0.50	0.01	0.2	0.7
Kamisu City		10 000	0.00	0.46	0.01	0.2	0.7
Kawachi Town		8 400	0.00	0.39	0.01	0.2	0.6
Joso City		6 500	0.00	0.29	0.01	0.2	0.5
Bando City		6 300	0.00	0.29	0.01	0.2	0.5
Hitachiota City		6 060	0.00	0.28	0.01	0.2	0.5
Sakai Town		5 000	0.00	0.23	0.01	0.2	0.5
Hitachiomiya City		4 400	0.00	0.20	0.01	0.2	0.4
Sakuragawa City		4 200	0.00	0.19	0.01	0.2	0.4
Iwate Ken	1 330 147						
Fujisawa Town		23 000	0.00	1.05	0.03	0.1	1.2
Ichinoseki City		15 836	0.00	0.72	0.02	0.1	0.8
Hiraizumi Town		14 000	0.00	0.64	0.02	0.1	0.8
Kanegasaki Town		13 000	0.00	0.61	0.02	0.1	0.7
Oshu City		12 786	0.00	0.58	0.02	0.1	0.7
Rikuzentakata City		10 600	0.00	0.48	0.01	0.1	0.6
Sumita Town		10 100	0.00	0.46	0.01	0.1	0.6
Ofunato City		5 200	0.00	0.24	0.01	0.1	0.4
Kitakami City		2 400	0.00	0.11	0.00	0.1	0.2
Miyagi Ken	2 348 165						
Marumori Town		41 231	0.00	1.85	0.06	0.2	2.1
Shiroishi City		23 200	0.00	1.04	0.03	0.2	1.3
Kakuda City		22 500	0.00	1.01	0.03	0.2	1.3
Yamamoto Town		22 333	0.00	1.01	0.03	0.2	1.3
Kurihara City		15 735	0.00	0.71	0.02	0.2	1.0
Kami Town		15 000	0.00	0.70	0.02	0.2	1.0
Ogawara Town		12 000	0.00	0.53	0.02	0.2	0.8
Shichikashuku Town		10 500	0.00	0.49	0.01	0.2	0.7
Tome City		8 275	0.00	0.38	0.01	0.2	0.6
Zao Town		8 200	0.00	0.37	0.01	0.2	0.6
Osaki City		7 050	0.00	0.32	0.01	0.2	0.6
Kesenuma City		6 500	0.00	0.30	0.01	0.2	0.5
Minamisanriku Town		6 450	0.00	0.30	0.01	0.2	0.5
Iwanuma City		6 050	0.00	0.28	0.01	0.2	0.5
Sendai City		6 000	0.00	0.28	0.01	0.2	0.5
Higashimatsushima City		5 600	0.00	0.26	0.01	0.2	0.5
Onagawa Town		5 200	0.00	0.24	0.01	0.2	0.5
Ishinomaki City		4 593	0.00	0.21	0.01	0.2	0.4
Misato Town		4 200	0.00	0.19	0.01	0.2	0.4
Shikama Town		3 600	0.00	0.17	0.00	0.2	0.4
Kawasaki Town		3 550	0.00	0.16	0.00	0.2	0.4

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, adult, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Tochigi Ken	2 007 683						
Nasu Town		80 143	0.00	3.61	0.11	0.2	4.0
Nasushiobara City		79 824	0.00	3.61	0.11	0.2	4.0
Yaita City		51 000	0.00	2.33	0.07	0.2	2.6
Otawara City		41 500	0.00	1.88	0.06	0.2	2.2
Shiyoa Town		36 800	0.00	1.68	0.05	0.2	2.0
Nikko City		26 885	0.00	1.22	0.04	0.2	1.5
Kanuma City		15 917	0.00	0.72	0.02	0.2	1.0
Sakura City		14 433	0.00	0.66	0.02	0.2	0.9
Nakagawa Town		9 300	0.00	0.42	0.01	0.2	0.7
Tochigi City		7 850	0.00	0.36	0.01	0.2	0.6
Utsunomiya City		7 850	0.00	0.36	0.01	0.2	0.6
Sano City		7 880	0.00	0.35	0.01	0.2	0.6
Mibu Town		7 100	0.00	0.33	0.01	0.2	0.6
Takanezawa Town		5 000	0.00	0.23	0.01	0.2	0.5
Ashikaga City		4 850	0.00	0.22	0.01	0.2	0.5

Table C-19.14. Average total effective dose to 10-year-old children over a lifetime for Group 3 prefectures

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, 10-year-old child, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Chiba Ken	6 216 289						
Nagareyama City		55 500	0.00	3.51	0.12	0.33	4.0
Abiko City		44 667	0.00	2.79	0.10	0.33	3.2
Kashiwa City		43 667	0.00	2.71	0.10	0.33	3.1
Inzai City		35 750	0.00	2.21	0.08	0.33	2.6
Shiroi City		33 000	0.00	2.04	0.07	0.33	2.4
Matsudo City		31 000	0.00	1.94	0.07	0.33	2.3
Yachiyo City		28 500	0.00	1.75	0.06	0.33	2.1
Noda City		24 350	0.00	1.52	0.05	0.33	1.9
Sakae Town		20 000	0.00	1.20	0.04	0.33	1.6
Ichikawa City		19 500	0.00	1.20	0.04	0.33	1.6
Kozaki Town		18 000	0.00	1.13	0.04	0.33	1.5
Funabashi City		17 000	0.00	1.06	0.04	0.33	1.4
Yotsukaido City		14 000	0.00	0.88	0.03	0.33	1.2
Narita City		14 000	0.00	0.86	0.03	0.33	1.2
Urayasu City		13 000	0.00	0.80	0.03	0.33	1.2
Tonosho Town		11 000	0.00	0.70	0.02	0.33	1.0
Sakura City		8 600	0.00	0.54	0.02	0.33	0.9
Katori City		7 350	0.00	0.46	0.02	0.33	0.8
Shibayama Town		6 500	0.00	0.40	0.01	0.33	0.7
Yachimata City		5 700	0.00	0.36	0.01	0.33	0.7
Chiba City		5 400	0.00	0.33	0.01	0.33	0.7
Togane City		4 000	0.00	0.25	0.01	0.33	0.6
Gunma Ken	2 008 068						
Takayama Village		36 000	0.00	2.28	0.08	0.33	2.7
Kawaba Village		26 000	0.00	1.65	0.06	0.33	2.0
Nakanajo Town		21 714	0.00	1.37	0.05	0.33	1.8
Midori City		20 180	0.00	1.25	0.04	0.33	1.6
Annaka City		18 600	0.00	1.16	0.04	0.33	1.5
Numata City		18 467	0.00	1.15	0.04	0.33	1.5
Shibukawa City		18 250	0.00	1.13	0.04	0.33	1.5
Minakami Town		17 009	0.00	1.08	0.04	0.33	1.4
Tomioka City		14 875	0.00	0.94	0.03	0.33	1.3
Katashina Village		14 117	0.00	0.90	0.03	0.33	1.3
Takasaki City		14 143	0.00	0.88	0.03	0.33	1.2
Higashiagatsuma Town		13 767	0.00	0.87	0.03	0.33	1.2
Showa Village		13 500	0.00	0.82	0.03	0.33	1.2
Kiryu City		12 911	0.00	0.80	0.03	0.33	1.2

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, 10-year-old child, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Shimonita Town		12 800	0.00	0.80	0.03	0.33	1.2
Nanmoku Village		12 550	0.00	0.78	0.03	0.33	1.1
Tsumagoi Village		10 000	0.00	0.64	0.02	0.33	1.0
Kanra Town		9 000	0.00	0.56	0.02	0.33	0.9
Ueno Village		7 800	0.00	0.47	0.02	0.33	0.8
Kanna Town		7 500	0.00	0.46	0.02	0.33	0.8
Naganohara Town		7 233	0.00	0.46	0.02	0.33	0.8
Maebashi City		6 660	0.00	0.42	0.01	0.33	0.8
Ota City		6 633	0.00	0.42	0.01	0.33	0.8
Shinto Village		5 600	0.00	0.35	0.01	0.33	0.7
Fujioka City		4 800	0.00	0.30	0.01	0.33	0.6
Iseaki City		4 500	0.00	0.28	0.01	0.33	0.6
Ibaraki Ken	2 969 770						
Ushiku City		39 500	0.00	2.49	0.09	0.33	2.9
Hitachinaka City		38 000	0.00	2.33	0.08	0.33	2.7
Toride City		36 333	0.00	2.28	0.08	0.33	2.7
Tone Town		35 000	0.00	2.15	0.08	0.33	2.6
Moriya City		30 000	0.00	1.90	0.07	0.33	2.3
Ami Town		27 333	0.00	1.72	0.06	0.33	2.1
Hitachi City		26 500	0.00	1.65	0.06	0.33	2.0
Ryugasaki City		21 500	0.00	1.37	0.05	0.33	1.7
Inashiki City		20 500	0.00	1.28	0.04	0.33	1.7
Tsuchiura City		19 817	0.00	1.25	0.04	0.33	1.6
Kasama City		20 000	0.00	1.25	0.04	0.33	1.6
Kasumigaura City		19 500	0.00	1.24	0.04	0.33	1.6
Tsukubamirai City		19 000	0.00	1.21	0.04	0.33	1.6
Naka City		19 000	0.00	1.20	0.04	0.33	1.6
Kitaibaraki City		18 857	0.00	1.18	0.04	0.33	1.6
Oarai Town		19 000	0.00	1.17	0.04	0.33	1.5
Kashima City		17 667	0.00	1.10	0.04	0.33	1.5
Takahagi City		17 329	0.00	1.08	0.04	0.33	1.5
Miho Village		16 850	0.00	1.07	0.04	0.33	1.4
Omitama City		16 500	0.00	1.04	0.04	0.33	1.4
Ibaraki Town		15 000	0.00	0.92	0.03	0.33	1.3
Tokai Village		14 000	0.00	0.88	0.03	0.33	1.2
Namegata City		13 333	0.00	0.85	0.03	0.33	1.2
Tsukuba City		13 429	0.00	0.85	0.03	0.33	1.2
Hokota City		12 817	0.00	0.81	0.03	0.33	1.2
Mito City		12 500	0.00	0.78	0.03	0.33	1.1
Itako City		12 000	0.00	0.76	0.03	0.33	1.1
Ishioka City		11 633	0.00	0.75	0.03	0.33	1.1

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, 10-year-old child, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Daigo Town		10 940	0.00	0.69	0.02	0.33	1.0
Kamisu City		10 000	0.00	0.63	0.02	0.33	1.0
Kawachi Town		8 400	0.00	0.53	0.02	0.33	0.9
Joso City		6 500	0.00	0.40	0.01	0.33	0.7
Bando City		6 300	0.00	0.39	0.01	0.33	0.7
Hitachiota City		6 060	0.00	0.38	0.01	0.33	0.7
Sakai Town		5 000	0.00	0.31	0.01	0.33	0.7
Hitachiomiya City		4 400	0.00	0.28	0.01	0.33	0.6
Sakuragawa City		4 200	0.00	0.26	0.01	0.33	0.6
Iwate Ken	1 330 147						
Fujisawa Town		23 000	0.00	1.44	0.05	0.14	1.6
Ichinoseki City		15 836	0.00	0.99	0.03	0.14	1.2
Hiraizumi Town		14 000	0.00	0.88	0.03	0.14	1.1
Kanegasaki Town		13 000	0.00	0.84	0.03	0.14	1.0
Oshu City		12 786	0.00	0.80	0.03	0.14	1.0
Rikuzentakata City		10 600	0.00	0.67	0.02	0.14	0.8
Sumita Town		10 100	0.00	0.64	0.02	0.14	0.8
Ofunato City		5 200	0.00	0.34	0.01	0.14	0.5
Kitakami City		2 400	0.00	0.15	0.01	0.14	0.3
Miyagi Ken	2 348 165						
Marumori Town		41 231	0.00	2.56	0.09	0.33	3.0
Shiroishi City		23 200	0.00	1.43	0.05	0.33	1.8
Kakuda City		22 500	0.00	1.40	0.05	0.33	1.8
Yamamoto Town		22 333	0.00	1.39	0.05	0.33	1.8
Kurihara City		15 735	0.00	0.98	0.03	0.33	1.3
Kami Town		15 000	0.00	0.97	0.03	0.33	1.3
Ogawara Town		12 000	0.00	0.73	0.03	0.33	1.1
Shichikashuku Town		10 500	0.00	0.67	0.02	0.33	1.0
Tome City		8 275	0.00	0.52	0.02	0.33	0.9
Zao Town		8 200	0.00	0.51	0.02	0.33	0.9
Osaki City		7 050	0.00	0.45	0.02	0.33	0.8
Kesenuma City		6 500	0.00	0.41	0.01	0.33	0.8
Minamisanriku Town		6 450	0.00	0.41	0.01	0.33	0.8
Iwanuma City		6 050	0.00	0.38	0.01	0.33	0.7
Sendai City		6 000	0.00	0.38	0.01	0.33	0.7
Higashimatsushima City		5 600	0.00	0.35	0.01	0.33	0.7
Onagawa Town		5 200	0.00	0.33	0.01	0.33	0.7
Ishinomaki City		4 593	0.00	0.29	0.01	0.33	0.6
Misato Town		4 200	0.00	0.27	0.01	0.33	0.6
Shikama Town		3 600	0.00	0.24	0.01	0.33	0.6
Kawasaki Town		3 550	0.00	0.22	0.01	0.33	0.6

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, 10-year-old child, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Tochigi Ken	2 007 683						
Nasu Town		80 143	0.00	4.98	0.17	0.33	5.5
Nasushiobara City		79 824	0.00	4.98	0.17	0.33	5.5
Yaita City		51 000	0.00	3.21	0.11	0.33	3.7
Otawara City		41 500	0.00	2.59	0.09	0.33	3.0
Shioya Town		36 800	0.00	2.31	0.08	0.33	2.7
Nikko City		26 885	0.00	1.68	0.06	0.33	2.1
Kanuma City		15 917	0.00	0.99	0.03	0.33	1.4
Sakura City		14 433	0.00	0.91	0.03	0.33	1.3
Nakagawa Town		9 300	0.00	0.58	0.02	0.33	0.9
Tochigi City		7 850	0.00	0.50	0.02	0.33	0.8
Utsunomiya City		7 850	0.00	0.49	0.02	0.33	0.8
Sano City		7 880	0.00	0.49	0.02	0.33	0.8
Mibu Town		7 100	0.00	0.45	0.02	0.33	0.8
Takanezawa Town		5 000	0.00	0.32	0.01	0.33	0.7
Ashikaga City		4 850	0.00	0.30	0.01	0.33	0.6

Table C-19.15. Average total effective dose to one-year-old infants over a lifetime for Group 3 prefectures

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, one-year-old infant, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Chiba Ken	6 216 289						
Nagareyama City		55 500	0.00	3.96	0.15	0.55	4.7
Abiko City		44 667	0.00	3.15	0.12	0.55	3.8
Kashiwa City		43 667	0.00	3.06	0.12	0.55	3.7
Inzai City		35 750	0.00	2.49	0.09	0.55	3.1
Shiroi City		33 000	0.00	2.30	0.09	0.55	2.9
Matsudo City		31 000	0.00	2.18	0.08	0.55	2.8
Yachiyo City		28 500	0.00	1.97	0.08	0.55	2.6
Noda City		24 350	0.00	1.71	0.06	0.55	2.3
Sakae Town		20 000	0.00	1.36	0.05	0.55	2.0
Ichikawa City		19 500	0.00	1.35	0.05	0.55	2.0
Kozaki Town		18 000	0.00	1.27	0.05	0.55	1.9
Funabashi City		17 000	0.00	1.19	0.04	0.55	1.8
Yotsukaido City		14 000	0.00	0.99	0.04	0.55	1.6
Narita City		14 000	0.00	0.97	0.04	0.55	1.6
Urayasu City		13 000	0.00	0.90	0.03	0.55	1.5
Tonosho Town		11 000	0.00	0.78	0.03	0.55	1.4
Sakura City		8 600	0.00	0.60	0.02	0.55	1.2
Katori City		7 350	0.00	0.51	0.02	0.55	1.1
Shibayama Town		6 500	0.00	0.46	0.02	0.55	1.0
Yachimata City		5 700	0.00	0.40	0.02	0.55	1.0
Chiba City		5 400	0.00	0.38	0.01	0.55	0.9
Togane City		4 000	0.00	0.28	0.01	0.55	0.8
Gunma Ken	2 008 068						
Takayama Village		36 000	0.00	2.57	0.09	0.55	3.2
Kawaba Village		26 000	0.00	1.86	0.07	0.55	2.5
Nakanojo Town		21 714	0.00	1.55	0.06	0.55	2.2
Midori City		20 180	0.00	1.41	0.05	0.55	2.0
Annaka City		18 600	0.00	1.30	0.05	0.55	1.9
Numata City		18 467	0.00	1.30	0.05	0.55	1.9
Shibukawa City		18 250	0.00	1.28	0.05	0.55	1.9
Minakami Town		17 009	0.00	1.21	0.04	0.55	1.8
Tomioka City		14 875	0.00	1.05	0.04	0.55	1.6
Katashina Village		14 117	0.00	1.01	0.04	0.55	1.6
Takasaki City		14 143	0.00	0.99	0.04	0.55	1.6
Higashiagatsuma Town		13 767	0.00	0.98	0.04	0.55	1.6
Showa Village		13 500	0.00	0.93	0.04	0.55	1.5
Kiryu City		12 911	0.00	0.90	0.03	0.55	1.5

District	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, one-year-old infant, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Shimonita Town		12 800	0.00	0.90	0.03	0.55	1.5
Nanmoku Village		12 550	0.00	0.88	0.03	0.55	1.5
Tsumagoi Village		10 000	0.00	0.72	0.03	0.55	1.3
Kanra Town		9 000	0.00	0.63	0.02	0.55	1.2
Ueno Village		7 800	0.00	0.53	0.02	0.55	1.1
Kanna Town		7 500	0.00	0.52	0.02	0.55	1.1
Naganohara Town		7 233	0.00	0.51	0.02	0.55	1.1
Maebashi City		6 660	0.00	0.47	0.02	0.55	1.0
Ota City		6 633	0.00	0.47	0.02	0.55	1.0
Shinto Village		5 600	0.00	0.39	0.01	0.55	1.0
Fujioka City		4 800	0.00	0.34	0.01	0.55	0.9
Isesaki City		4 500	0.00	0.32	0.01	0.55	0.9
Ibaraki Ken	2 969 770						
Ushiku City		39 500	0.00	2.81	0.10	0.55	3.5
Hitachinaka City		38 000	0.00	2.62	0.10	0.55	3.3
Toride City		36 333	0.00	2.56	0.10	0.55	3.2
Tone Town		35 000	0.00	2.42	0.09	0.55	3.1
Moriya City		30 000	0.00	2.14	0.08	0.55	2.8
Ami Town		27 333	0.00	1.94	0.07	0.55	2.6
Hitachi City		26 500	0.00	1.85	0.07	0.55	2.5
Ryugasaki City		21 500	0.00	1.54	0.06	0.55	2.1
Inashiki City		20 500	0.00	1.45	0.05	0.55	2.1
Tsuchiura City		19 817	0.00	1.41	0.05	0.55	2.0
Kasama City		20 000	0.00	1.41	0.05	0.55	2.0
Kasumigaura City		19 500	0.00	1.39	0.05	0.55	2.0
Tsukubamirai City		19 000	0.00	1.36	0.05	0.55	2.0
Naka City		19 000	0.00	1.35	0.05	0.55	1.9
Kitaibaraki City		18 857	0.00	1.33	0.05	0.55	1.9
Oarai Town		19 000	0.00	1.31	0.05	0.55	1.9
Kashima City		17 667	0.00	1.24	0.05	0.55	1.8
Takahagi City		17 329	0.00	1.22	0.05	0.55	1.8
Miho Village		16 850	0.00	1.21	0.04	0.55	1.8
Omitama City		16 500	0.00	1.17	0.04	0.55	1.8
Ibaraki Town		15 000	0.00	1.03	0.04	0.55	1.6
Tokai Village		14 000	0.00	0.99	0.04	0.55	1.6
Namegata City		13 333	0.00	0.96	0.04	0.55	1.5
Tsukuba City		13 429	0.00	0.96	0.04	0.55	1.5
Hokota City		12 817	0.00	0.91	0.03	0.55	1.5
Mito City		12 500	0.00	0.88	0.03	0.55	1.5
Itako City		12 000	0.00	0.86	0.03	0.55	1.4
Ishioka City		11 633	0.00	0.84	0.03	0.55	1.4
Daigo Town		10 940	0.00	0.78	0.03	0.55	1.4

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, one-year-old infant, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Kamisu City		10 000	0.00	0.71	0.03	0.55	1.3
Kawachi Town		8 400	0.00	0.60	0.02	0.55	1.2
Joso City		6 500	0.00	0.46	0.02	0.55	1.0
Bando City		6 300	0.00	0.44	0.02	0.55	1.0
Hitachiota City		6 060	0.00	0.43	0.02	0.55	1.0
Sakai Town		5 000	0.00	0.35	0.01	0.55	0.9
Hitachiomiya City		4 400	0.00	0.32	0.01	0.55	0.9
Sakuragawa City		4 200	0.00	0.30	0.01	0.55	0.9
Iwate Ken	1 330 147						
Fujisawa Town		23 000	0.00	1.62	0.06	0.19	1.9
Ichinoseki City		15 836	0.00	1.11	0.04	0.19	1.3
Hiraizumi Town		14 000	0.00	0.99	0.04	0.19	1.2
Kanegasaki Town		13 000	0.00	0.95	0.03	0.19	1.2
Oshu City		12 786	0.00	0.91	0.03	0.19	1.1
Rikuzentakata City		10 600	0.00	0.75	0.03	0.19	1.0
Sumita Town		10 100	0.00	0.72	0.03	0.19	0.9
Ofunato City		5 200	0.00	0.38	0.01	0.19	0.6
Kitakami City		2 400	0.00	0.17	0.01	0.19	0.4
Miyagi Ken	2 348 165						
Marumori Town		41 231	0.00	2.88	0.11	0.55	3.5
Shiroishi City		23 200	0.00	1.61	0.06	0.55	2.2
Kakuda City		22 500	0.00	1.58	0.06	0.55	2.2
Yamamoto Town		22 333	0.00	1.56	0.06	0.55	2.2
Kurihara City		15 735	0.00	1.11	0.04	0.55	1.7
Kami Town		15 000	0.00	1.09	0.04	0.55	1.7
Ogawara Town		12 000	0.00	0.83	0.03	0.55	1.4
Shichikashuku Town		10 500	0.00	0.76	0.03	0.55	1.3
Tome City		8 275	0.00	0.59	0.02	0.55	1.2
Zao Town		8 200	0.00	0.58	0.02	0.55	1.1
Osaki City		7 050	0.00	0.50	0.02	0.55	1.1
Kesenuma City		6 500	0.00	0.47	0.02	0.55	1.0
Minamisanriku Town		6 450	0.00	0.46	0.02	0.55	1.0
Iwanuma City		6 050	0.00	0.43	0.02	0.55	1.0
Sendai City		6 000	0.00	0.43	0.02	0.55	1.0
Higashimatsushima City		5 600	0.00	0.40	0.01	0.55	1.0
Onagawa Town		5 200	0.00	0.37	0.01	0.55	0.9
Ishinomaki City		4 593	0.00	0.33	0.01	0.55	0.9
Misato Town		4 200	0.00	0.30	0.01	0.55	0.9
Shikama Town		3 600	0.00	0.27	0.01	0.55	0.8
Kawasaki Town		3 550	0.00	0.25	0.01	0.55	0.8

District	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, one-year-old infant, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Tochigi Ken	2 007 683						
Nasu Town		80 143	0.00	5.61	0.21	0.55	6.4
Nasushiobara City		79 824	0.00	5.61	0.21	0.55	6.4
Yaita City		51 000	0.00	3.62	0.13	0.55	4.3
Otawara City		41 500	0.00	2.92	0.11	0.55	3.6
Shioya Town		36 800	0.00	2.61	0.10	0.55	3.3
Nikko City		26 885	0.00	1.89	0.07	0.55	2.5
Kanuma City		15 917	0.00	1.11	0.04	0.55	1.7
Sakura City		14 433	0.00	1.02	0.04	0.55	1.6
Nakagawa Town		9 300	0.00	0.65	0.02	0.55	1.2
Tochigi City		7 850	0.00	0.56	0.02	0.55	1.1
Utsunomiya City		7 850	0.00	0.56	0.02	0.55	1.1
Sano City		7 880	0.00	0.55	0.02	0.55	1.1
Mibu Town		7 100	0.00	0.51	0.02	0.55	1.1
Takanezawa Town		5 000	0.00	0.36	0.01	0.55	0.9
Ashikaga City		4 850	0.00	0.34	0.01	0.55	0.9

Table C-19.16. Average total effective dose to adults over a lifetime for rest of Japan (Group 4)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

Prefecture [City]	Population in 2010 (persons)	Average deposition density of ¹³⁷ Cs on soil (Bq/m ²)	Estimate of total effective dose, adult, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Aichi [Nagoya]	7 410 719	9	0.00	0.00	0.00	0.1	0.11
Akita [Akita]	1 085 997	175	0.00	0.01	0.00	0.1	0.12
Aomori [Aomori]	1 373 339	67	0.00	0.00	0.00	0.1	0.11
Ehime [Matsuyama]	1 431 493	7	0.00	0.00	0.00	0.1	0.11
Fukui [Fukui]	806 314	31	0.00	0.00	0.00	0.1	0.11
Fukuoka [Dazaifu]	5 071 968	1	0.00	0.00	0.00	0.1	0.11
Gifu [Kakamigahara]	2 080 773	16	0.00	0.00	0.00	0.1	0.11
Hiroshima [Hiroshima]	2 860 750	4	0.00	0.00	0.00	0.1	0.11
Hokkaido [Sapporo]	5 506 419	9	0.00	0.00	0.00	0.1	0.11
Hyogo [Kobe]	5 588 133	8	0.00	0.00	0.00	0.1	0.11
Ishikawa [Kanazawa]	1 169 788	13	0.00	0.00	0.00	0.1	0.11
Kagawa [Takamatsu]	995 842	6	0.00	0.00	0.00	0.1	0.11
Kagoshima [Kagoshima]	796 896	1	0.00	0.00	0.00	0.1	0.11
Kanagawa [Chigasaki]	4 544 545	3 857	0.00	0.17	0.01	0.1	0.29
Kochi [Kochi]	764 456	36	0.00	0.00	0.00	0.1	0.11
Kumamoto [Uto]	1 817 426	0	0.00	0.00	0.00	0.1	0.11
Kyoto [Kyoto]	2 636 092	7	0.00	0.00	0.00	0.1	0.11
Mie [Yokkaichi]	1 854 724	27	0.00	0.00	0.00	0.1	0.11
Miyazaki [Miyazaki]	1 135 233	6	0.00	0.00	0.00	0.1	0.11
Nagano [Nagano]	2 152 449	1 251	0.00	0.06	0.00	0.1	0.18
Nagasaki [Omura]	1 426 779	2	0.00	0.00	0.00	0.1	0.11
Nara [Nara]	1 400 728	7	0.00	0.00	0.00	0.1	0.11
Niigata [Niigata]	2 374 450	49	0.00	0.00	0.00	0.1	0.11
Oita [Oita]	1 196 529	1	0.00	0.00	0.00	0.1	0.11
Okayama [Okayama]	1 945 276	4	0.00	0.00	0.00	0.1	0.11
Okinawa [Uruma]	1 392 818	4	0.00	0.00	0.00	0.1	0.11
Osaka [Osaka]	8 865 245	9	0.00	0.00	0.00	0.1	0.11
Saga [Saga]	849 788	1	0.00	0.00	0.00	0.1	0.11
Saitama [Saitama]	7 194 556	6 284	0.00	0.28	0.01	0.1	0.40
Shiga [Otsu]	1 410 777	7	0.00	0.00	0.00	0.1	0.11
Shimane [Matsue]	717 397	6	0.00	0.00	0.00	0.1	0.11
Shizuoka [Shizuoka]	3 765 007	643	0.00	0.03	0.00	0.1	0.14
Tokushima [Myozai]	785 491	8	0.00	0.00	0.00	0.1	0.11
Tokyo [Shinjuku]	13 159 388	8 499	0.00	0.37	0.01	0.1	0.49
Tottori [Touhaku]	588 667	11	0.00	0.00	0.00	0.1	0.11
Toyama [Imizu]	1 093 247	16	0.00	0.00	0.00	0.1	0.11
Wakayama [Wakayama]	1 002 198	10	0.00	0.00	0.00	0.1	0.11
Yamagata [Yamagata]	1 168 924	10 813	0.00	0.47	0.01	0.1	0.60
Yamaguchi [Yamaguchi]	1 451 338	3	0.00	0.00	0.00	0.1	0.11
Yamanashi [Kofu]	863 075	208	0.00	0.01	0.00	0.1	0.12

Table C-19.17. Average total effective dose to 10-year-old children over a lifetime for rest of Japan (Group 4)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

Prefecture [City]	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, 10-year-old child, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Aichi [Nagoya]	7 410 719	9	0.00	0.00	0.00	0.14	0.14
Akita [Akita]	1 085 997	175	0.00	0.01	0.00	0.14	0.15
Aomori [Aomori]	1 373 339	67	0.00	0.00	0.00	0.14	0.14
Ehime [Matsuyama]	1 431 493	7	0.00	0.00	0.00	0.14	0.14
Fukui [Fukui]	806 314	31	0.00	0.00	0.00	0.14	0.14
Fukuoka [Dazaifu]	5 071 968	1	0.00	0.00	0.00	0.14	0.14
Gifu [Kakamigahara]	2 080 773	16	0.00	0.00	0.00	0.14	0.14
Hiroshima [Hiroshima]	2 860 750	4	0.00	0.00	0.00	0.14	0.14
Hokkaido [Sapporo]	5 506 419	9	0.00	0.00	0.00	0.14	0.14
Hyogo [Kobe]	5 588 133	8	0.00	0.00	0.00	0.14	0.14
Ishikawa [Kanazawa]	1 169 788	13	0.00	0.00	0.00	0.14	0.14
Kagawa [Takamatsu]	995 842	6	0.00	0.00	0.00	0.14	0.14
Kagoshima [Kagoshima]	796 896	1	0.00	0.00	0.00	0.14	0.14
Kanagawa [Chigasaki]	4 544 545	3 857	0.00	0.23	0.01	0.14	0.38
Kochi [Kochi]	764 456	36	0.00	0.00	0.00	0.14	0.14
Kumamoto [Uto]	1 817 426	0	0.00	0.00	0.00	0.14	0.14
Kyoto [Kyoto]	2 636 092	7	0.00	0.00	0.00	0.14	0.14
Mie [Yokkaichi]	1 854 724	27	0.00	0.00	0.00	0.14	0.14
Miyazaki [Miyazaki]	1 135 233	6	0.00	0.00	0.00	0.14	0.14
Nagano [Nagano]	2 152 449	1 251	0.00	0.09	0.00	0.14	0.23
Nagasaki [Omura]	1 426 779	2	0.00	0.00	0.00	0.14	0.14
Nara [Nara]	1 400 728	7	0.00	0.00	0.00	0.14	0.14
Niigata [Niigata]	2 374 450	49	0.00	0.00	0.00	0.14	0.14
Oita [Oita]	1 196 529	1	0.00	0.00	0.00	0.14	0.14
Okayama [Okayama]	1 945 276	4	0.00	0.00	0.00	0.14	0.14
Okinawa [Uruma]	1 392 818	4	0.00	0.00	0.00	0.14	0.14
Osaka [Osaka]	8 865 245	9	0.00	0.00	0.00	0.14	0.14
Saga [Saga]	849 788	1	0.00	0.00	0.00	0.14	0.14
Saitama [Saitama]	7 194 556	6 284	0.00	0.38	0.01	0.14	0.54
Shiga [Otsu]	1 410 777	7	0.00	0.00	0.00	0.14	0.14
Shimane [Matsue]	717 397	6	0.00	0.00	0.00	0.14	0.14
Shizuoka [Shizuoka]	3 765 007	643	0.00	0.04	0.00	0.14	0.18
Tokushima [Myozai]	785 491	8	0.00	0.00	0.00	0.14	0.14
Tokyo [Shinjuku]	13 159 388	8 499	0.00	0.51	0.02	0.14	0.67
Tottori [Touhaku]	588 667	11	0.00	0.00	0.00	0.14	0.14
Toyama [Imizu]	1 093 247	16	0.00	0.00	0.00	0.14	0.14
Wakayama [Wakayama]	1 002 198	10	0.00	0.00	0.00	0.14	0.14
Yamagata [Yamagata]	1 168 924	10 813	0.00	0.65	0.02	0.14	0.82
Yamaguchi [Yamaguchi]	1 451 338	3	0.00	0.00	0.00	0.14	0.14
Yamanashi [Kofu]	863 075	208	0.00	0.01	0.00	0.14	0.15

Table C-19.18. Average total effective dose to one-year-old infants over a lifetime for rest of Japan (Group 4)

The dose estimates are quoted to two decimal places, but this does not imply that level of accuracy

Prefecture [City]	Population in 2010 (persons)	Average deposition density of ^{137}Cs on soil (Bq/m^2)	Estimate of total effective dose, one-year-old infant, lifetime (mSv)				
			External (plume)	External (ground)	Inhalation (plume)	Ingestion	Total
Aichi [Nagoya]	7 410 719	9	0.00	0.00	0.00	0.19	0.19
Akita [Akita]	1 085 997	175	0.00	0.01	0.00	0.19	0.20
Aomori [Aomori]	1 373 339	67	0.00	0.00	0.00	0.19	0.19
Ehime [Matsuyama]	1 431 493	7	0.00	0.00	0.03	0.19	0.22
Fukui [Fukui]	806 314	31	0.00	0.00	0.02	0.19	0.21
Fukuoka [Dazaifu]	5 071 968	1	0.00	0.00	0.02	0.19	0.21
Gifu [Kakamigahara]	2 080 773	16	0.00	0.00	0.01	0.19	0.20
Hiroshima [Hiroshima]	2 860 750	4	0.00	0.00	0.00	0.19	0.19
Hokkaido [Sapporo]	5 506 419	9	0.00	0.00	0.00	0.19	0.19
Hyogo [Kobe]	5 588 133	8	0.00	0.00	0.00	0.19	0.19
Ishikawa [Kanazawa]	1 169 788	13	0.00	0.00	0.00	0.19	0.19
Kagawa [Takamatsu]	995 842	6	0.00	0.00	0.00	0.19	0.19
Kagoshima [Kagoshima]	796 896	1	0.00	0.00	0.00	0.19	0.19
Kanagawa [Chigasaki]	4 544 545	3 857	0.00	0.26	0.00	0.19	0.45
Kochi [Kochi]	764 456	36	0.00	0.00	0.00	0.19	0.19
Kumamoto [Uto]	1 817 426	0	0.00	0.00	0.00	0.19	0.19
Kyoto [Kyoto]	2 636 092	7	0.00	0.00	0.00	0.19	0.19
Mie [Yokkaichi]	1 854 724	27	0.00	0.00	0.00	0.19	0.19
Miyazaki [Miyazaki]	1 135 233	6	0.00	0.00	0.00	0.19	0.19
Nagano [Nagano]	2 152 449	1 251	0.00	0.10	0.00	0.19	0.29
Nagasaki [Omura]	1 426 779	2	0.00	0.00	0.00	0.19	0.19
Nara [Nara]	1 400 728	7	0.00	0.00	0.00	0.19	0.19
Niigata [Niigata]	2 374 450	49	0.00	0.00	0.00	0.19	0.19
Oita [Oita]	1 196 529	1	0.00	0.00	0.00	0.19	0.19
Okayama [Okayama]	1 945 276	4	0.00	0.00	0.00	0.19	0.19
Okinawa [Uruma]	1 392 818	4	0.00	0.00	0.00	0.19	0.19
Osaka [Osaka]	8 865 245	9	0.00	0.00	0.00	0.19	0.19
Saga [Saga]	849 788	1	0.00	0.00	0.00	0.19	0.19
Saitama [Saitama]	7 194 556	6 284	0.00	0.43	0.00	0.19	0.62
Shiga [Otsu]	1 410 777	7	0.00	0.00	0.00	0.19	0.19
Shimane [Matsue]	717 397	6	0.00	0.00	0.00	0.19	0.19
Shizuoka [Shizuoka]	3 765 007	643	0.00	0.04	0.00	0.19	0.23
Tokushima [Myozai]	785 491	8	0.00	0.00	0.00	0.19	0.19
Tokyo [Shinjuku]	13 159 388	8 499	0.00	0.58	0.00	0.19	0.77
Tottori [Touhaku]	588 667	11	0.00	0.00	0.00	0.19	0.19
Toyama [Imizu]	1 093 247	16	0.00	0.00	0.00	0.19	0.19
Wakayama [Wakayama]	1 002 198	10	0.00	0.00	0.00	0.19	0.19
Yamagata [Yamagata]	1 168 924	10 813	0.00	0.73	0.00	0.19	0.92
Yamaguchi [Yamaguchi]	1 451 338	3	0.00	0.00	0.00	0.19	0.19
Yamanashi [Kofu]	863 075	208	0.00	0.01	0.00	0.19	0.20

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