

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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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 |

| <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, adult, year 10 (mSv)</i> | | | | |
|-------------------|-------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------|---------------------------|------------------|--------------|
| | | | <i>External (plume)</i> | <i>External (ground)</i> | <i>Inhalation (plume)</i> | <i>Ingestion</i> | <i>Total</i> |
| 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 |

| <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, adult, lifetime (mSv)</i> | | | | |
|-------------------|---------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------|-------------------------------|------------------|--------------|
| | | | <i>External (plume)</i> | <i>External (ground)</i> | <i>Inhalation (plume)</i> | <i>Ingestion</i> | <i>Total</i> |
| 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 |

| <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, lifetime (mSv)</i> | | | | |
|-------------------|---------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------|-------------------------------|------------------|--------------|
| | | | <i>External (plume)</i> | <i>External (ground)</i> | <i>Inhalation (plume)</i> | <i>Ingestion</i> | <i>Total</i> |
| 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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