

1. The assessment was based on measurement data as far as possible.
2. Doses that the public received for the first one year after the accident were assessed, targeting 20-year-old adults, 10-year-old children and 1-year-old infants.
3. Projections were also made of doses to be received over the first 10 years and up to age 80 years.
4. Models were used, with realistic assumptions, to provide an objective evaluation of the situation.
5. Protective actions taken during the first year were considered and the doses averted by them were estimated.

As indicated in the preface to the Report, at its fifty-eighth session in May 2011, the UNSCEAR decided to carry out, once sufficient information was available, an assessment of the levels of exposure and radiation risks attributable to the nuclear power plant accident following the Great East-Japan Earthquake and tsunami of March 2011. It was decided to mainly utilize prefectural data and government organizations' data released in Japan up to September 2012, and other data and documents provided by UN member countries other than Japan and by international organizations such as the International Atomic Energy Agency (IAEA) and the WHO. Additionally, new important information obtained by the end of 2013 was also taken into consideration to the extent possible.

"Chapter IV Assessment of doses to the public" of the UNSCEAR Report comprises the following.

A. Exposure pathways, B. Data for dose assessment, C. Overview of methodology for assessing public exposures, D. Results of dose estimation, E. Uncertainties, and F. Comparison with direct measurements and other assessments

"D. Results of dose estimation" shows the estimation results for effective doses and absorbed doses in specific organs for general public in Japan. The section consists of (i) doses in the first year for members of the public not evacuated, (ii) evacuees' doses, (iii) estimation of doses in Japan for exposure over future years, and (iv) estimation of doses in other countries.

Details of the estimation of public exposure doses will be explained in the following pages.

[Relevant parts in the reports]

• UNSCEAR Report (prepared based on paragraphs 3 to 4 on page 25, and paragraph 12 on page 7, Scientific Annex A (Japanese-language version)) (Original English version: paragraphs 3 to 4 on page 25 and paragraph 12 on page 27)

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