

**[Purpose]**

In light of the fact that the response rate of the Basic Survey was approximately 27%, this examination aims to ascertain whether the dose distribution based on the data obtained so far through the Basic Survey correctly reflects the actual status for all residents of the prefecture and is not biased (representativeness of the dose distribution).

**[Method]**

In FY2015, a group of people was selected at random for each of the seven districts in the prefecture, and the selected people were classified into those who had already responded to the Basic Survey and those who had not in each district. Staff visited people who had not responded to the Basic Survey to ask them to make responses, and a comparison was made between estimated doses for these people and estimated doses for people who had responded to the Basic Survey earlier.

**[Results]**

In each district, the dose distribution based on the data obtained so far was found to be unbiased and to properly represent respective districts.

Prepared based on the material for the 22nd Prefectural Oversight Committee Meeting for Fukushima Health Management Survey

## &lt; Method &gt;

In FY2015, a group of people was selected at random for each of the seven districts in the prefecture, and the selected people were classified into those who had already responded to the Basic Survey and those who had not in each district. Staff visited people who had not responded to the Basic Survey to ask them to make responses, and a comparison was made between estimated doses for these people and estimated doses for people who had responded to the Basic Survey earlier.

For districts with wider dose distribution being ascertained so far, a larger number of people were selected at random.

A statistical comparison was made between estimated doses for people who had responded to the Basic Survey earlier and those for people who had not responded to the Basic Survey but provided responses upon this door-to-door examination.

## &lt; Results &gt;

As a result of a statistical analysis, average doses for both groups (people who had responded to the Basic Survey earlier and people who provided responses upon this door-to-door examination) differ only by  $\pm 0.25$  mSv at the most and it was found that estimated external doses for both groups were at the same level.

See the following website for details:

① -5 and ① -6: <http://www.pref.fukushima.lg.jp/uploaded/attachment/151271.pdf> (in Japanese)

Included in this reference material on March 31, 2016

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