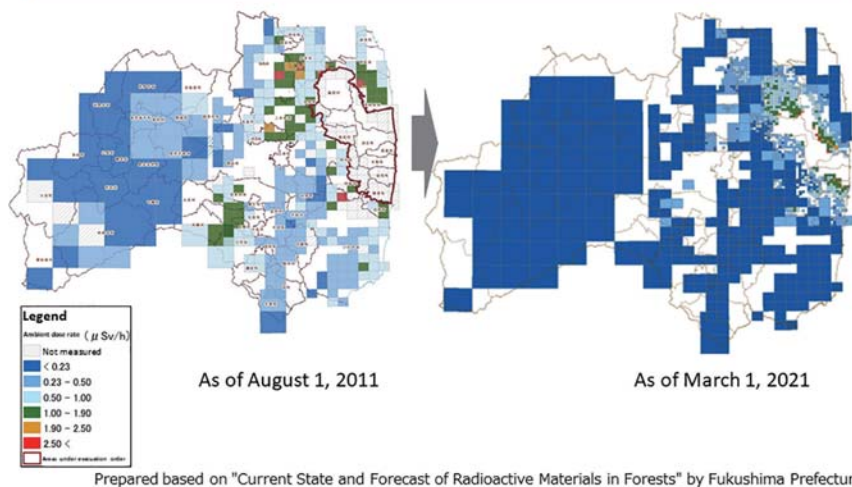


Changes in Ambient Dose Rates in Forests

The average ambient dose rate for 362 locations as of March 2021 is approximately 20% of the average as of August 2011.



Fukushima Prefecture has been conducting monitoring of ambient dose rates in forests within the prefecture every year since FY2011. The monitoring targeted 362 locations in FY2011 but gradually expanded the coverage to target 1,300 locations in FY2020.

For the 362 locations, where monitoring has been continued from the beginning, the average ambient dose rate was $0.18 \mu\text{Sv/h}$ as of March 2021, approximately 20% of the average as of August 2011 ($0.91 \mu\text{Sv/h}$). The ambient dose rate in forests has decreased almost the same as the decrease in dose rate due to physical attenuation.

Measurement results by region as of March 2021 (minimum value - maximum value) are as follows.

- Ken-poku (northern pref.) (361 locations): $0.04 - 1.25 \mu\text{Sv/h}$
- Ken-chu (central pref.) (122 locations): $0.04 - 0.36 \mu\text{Sv/h}$
- Ken-nan (southern pref.) (38 locations): $0.04 - 0.21 \mu\text{Sv/h}$
- Aizu (33 locations): $0.03 - 0.08 \mu\text{Sv/h}$
- Minamiaizu (22 locations): $0.03 - 0.08 \mu\text{Sv/h}$
- Soso (653 locations): $0.08 - 3.07 \mu\text{Sv/h}$
- Iwaki (71 locations): $0.05 - 1.06 \mu\text{Sv/h}$

(Related to p.183 of Vol. 1, "Distribution of Radioactive Materials in Forests")

Included in this reference material on March 31, 2019

Updated on March 31, 2022