


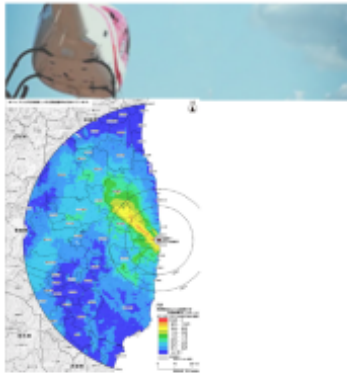
Spatiotemporal Distribution of Ambient Dose Rates

## Comprehensive Radiation Monitoring Plan and Information Disclosure




**Radiation Dose Map**  
Readings of nationwide radiation monitoring are shown in maps. With location search function and location memory function.

**Radiation dose measurement map**  
Results of radiation monitoring nationwide are shown in a map.



**Airborne monitoring**  
Monitoring using airplanes is conducted on a regular basis, centered on Fukushima Prefecture. The results are compiled into ambient dose rate maps and released.



**Sea area monitoring**  
Relevant ministries and agencies conduct monitoring of seawater, marine soil and marine organisms and release measurement results.

Prepared based on Nuclear Regulation Authority; Monitoring information of environmental radioactivity level: <https://radioactivity.nsr.go.jp/ja/> (in Japanese)  
Comprehensive Monitoring Plan: <https://radioactivity.nsr.go.jp/ja/list/204/list-1.html> (in Japanese)

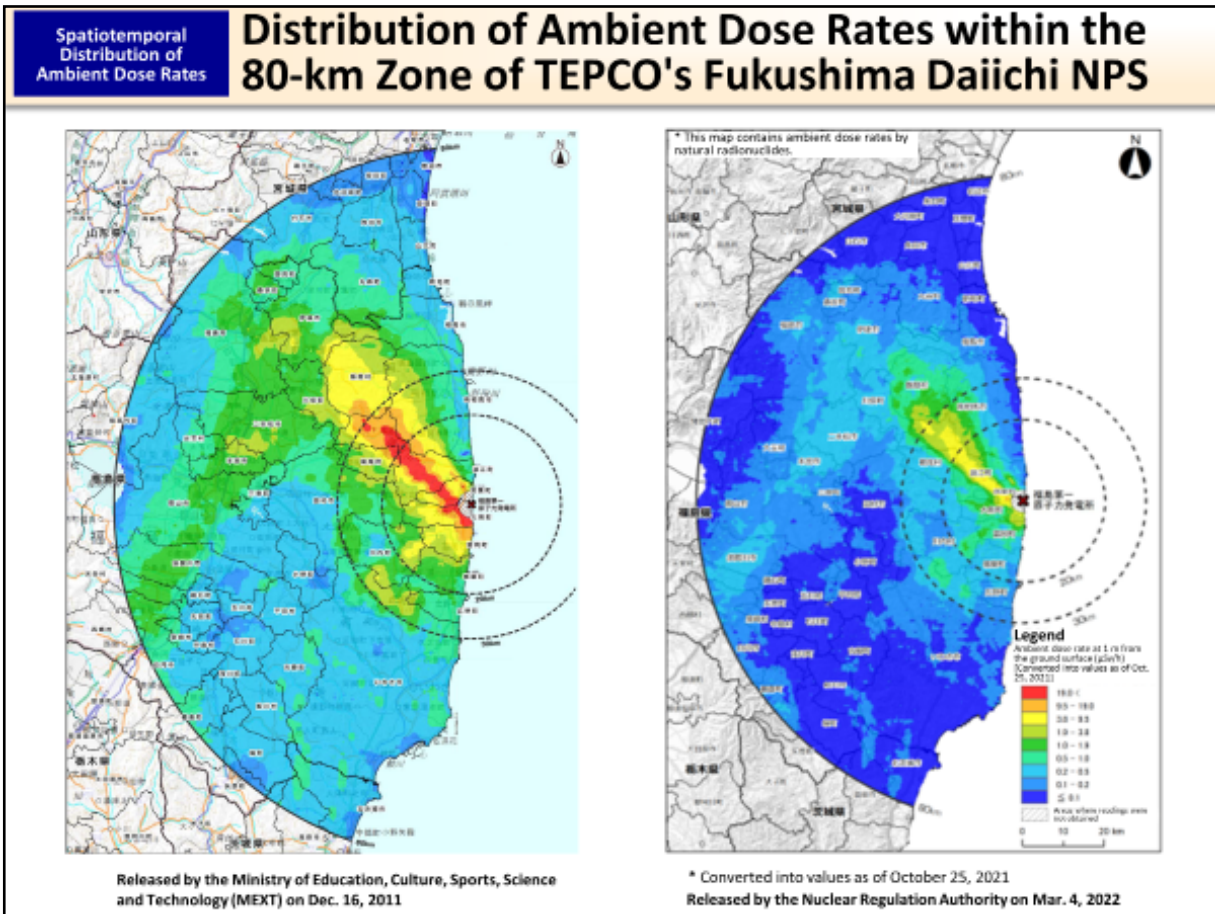
The Monitoring Coordination Meeting established in the Nuclear Emergency Response Headquarters formulated Comprehensive Radiation Monitoring Plan to ensure detailed monitoring of a large amount of radioactive materials released into the environment due to the accident at Tokyo Electric Power Company (TEPCO)'s Fukushima Daiichi NPS. Based on this plan, relevant organizations and nuclear operators are collaboratively conducting monitoring, respectively focusing on the following.

- 1) General environment (soil, water, and atmosphere, etc.), water environment, sea areas, etc.
- 2) Schools, etc.
- 3) Ports, airports, and sewage, etc.
- 4) Wild fauna and flora, and waste
- 5) Cultivated soil, forests, and pasture grass, etc.
- 6) Tap water
- 7) Foodstuffs (agricultural products, forestry products, livestock products, and fishery products)

Monitoring results are released on the websites of the respective organizations and are updated as needed.

Included in this reference material on February 28, 2018

Updated on March 31, 2019

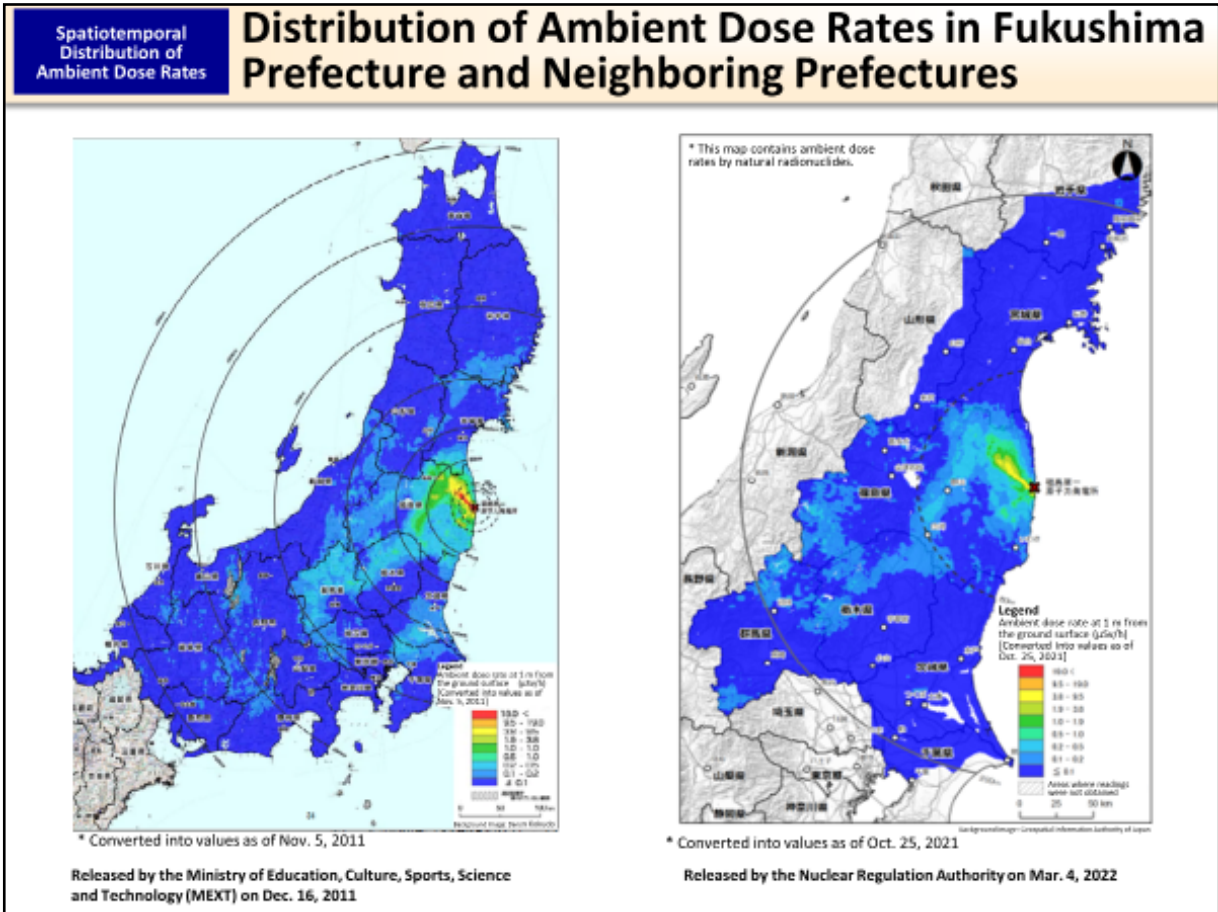


In order to ascertain the changes in the effect of radioactive materials, the airborne monitoring survey has been conducted continuously within the 80-km zone of Tokyo Electric Power Company (TEPCO)'s Fukushima Daiichi NPS, and the distribution of ambient dose rates and deposition of radioactive cesium have been surveyed. Additionally, the effect of radioactive materials outside the 80-km zone has also been ascertained through the airborne monitoring survey.

It was confirmed that ambient dose rates within the 80-km zone decreased over time both in areas showing higher dose rates (areas extending to the northwest of the NPS) and areas showing lower dose rates.

Included in this reference material on March 31, 2014

Updated on March 31, 2023



An airborne monitoring survey was conducted within the 80-km zone of Tokyo Electric Power Company (TEPCO)'s Fukushima Daiichi NPS and outside this zone, mainly in the western area of Fukushima Prefecture, and in Ibaraki, Gunma, Tochigi and Miyagi Prefectures.

The left figure shows the airborne monitoring survey results as of November 2011, seven months after the accident, and the right figure shows those as of October 2021.

Readings of the Airborne Monitoring Survey in Fukushima Prefecture and Neighboring Prefectures (March 4, 2022)

[https://radioactivity.nra.go.jp/ja/contents/17000/16384/24/2021\\_16thAirborne\\_monitoring\\_press\\_JPN\(2\).pdf](https://radioactivity.nra.go.jp/ja/contents/17000/16384/24/2021_16thAirborne_monitoring_press_JPN(2).pdf) (in Japanese)

Included in this reference material on March 31, 2013

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