Public information disclosure site: Environmental radioactivity and radiation

Environmental Radioactivity and Radiation In Japan



How to use this website

https://www.kankyo-hoshano.go.jp/en/



About this website

The website Environmental Radioactivity and Radiation in Japan publishes information on environmental radioactivity and radiation. You can browse information such as the results of environmental radioactivity surveys conducted by the Secretariat of the Nuclear Regulation Authority with the cooperation of the relevant ministries and prefectural governments, as well as the definitions of terms and the basic information on environmental radioactivity. This website was completely revamped in March 2021, adopting a new website design and structure for easier access to information by users. This revamp also supports mobile devices, including smartphones, in consideration of the recent widespread use of smartphones. In addition, new contents, "Radiation Around Me" and "Radioactivity Concentration in Japan" have been added to allow you to check information around your current location using the location feature of mobile devices. The Environmental Radiation Database enables you to search for the results of environmental radioactivity surveys, as before. This guidebook will help you to effectively and comprehensively use this website. We hope you will find this information helpful.



The website: Environmental Radioactivity and Radiation in Japan

Computer screen



Smartphone screen

https://www.kankyo-hoshano.go.jp/en/



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Access through QR code





Utilize Radiation Data

You can search for data by using the results of environmental radioactivity surveys conducted by the Secretariat of the Nuclear Regulation Authority with the cooperation of the relevant ministries and governments, as well as displaying information around your current location and creating charts.





Environmental Radiation Database

You can search for the results of environmental radioactivity surveys conducted by the Secretariat of the Nuclear Regulation Authority with the cooperation of relevant ministries and prefectural governments. Data registered in the Environmental Radiation Database is checked and assessed by specialists or staff of the relevant ministry or prefectural government.



Search result example

Search results corresponding to the specified conditions will be displayed on the screen. On this page, only the main items of the search results are shown. If you want to see other items, please save the search results in CSV format.

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On this page, o	only the main items of the	search results are shown.								
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24 results					lumber of results to	show 10				
Prefecture name	Sampling location name	Sample name (category)	Sample name (subcate)	gory) Sampling start	date Nuclide nam	e Radioact	ovity			
Chiba	Inage Ward, Chiba City	Monthly deposition	Deposition	2020/04/01	Cs-137	0.83				
chiba	Inage Ward, Chiba City	Monthly deposition	Deposition	2020/05/07	CS-137	0.35				
Chiles	Inage Ward, Chiba City	Monthly deposition	Deposition	2020/06/01	Cs-137	0.51				
unoa	mage ward, chiba City	monthly deposition	Deposition	2020/07/01	CS-137	0.50				
unida obliba	inage Ward, Chiba City	Monthly deposition	Deposition	2020/08/03	Cs-137	0.28				
unida	inage Ward, Chiba City	Monthly deposition	Deposition	2020/09/01	CS-137	0.39	- Sa	Save search results		
Chiba	Inage Ward, Chiba City	Monthly deposition	Deposition	2020/10/01	Cs-137	0.20	in	CSV form	at	inco
Chiba	Inage Ward, Chiba City	Monthly deposition	Deposition	2020/11/02	Cs-137	0.33		C3V 10111	at	
Chiba	Inage Ward, Chiba City	Monthly deposition	Deposition	2020/12/01	Cs-137	0.33	D		1	
Chiba	Inage Ward, Chiba City	Monthly deposition	1 This data was searched with th	he following search condition	ь. 			-		
Chiba	Inage Ward, Chiba City	Monthly deposition	2 [Survey] - Radioactivity mean 3 [Period] - 2020-4 to 2021-3	surement survey (radioactivit)	(level survey)					
Chiba	Inage Ward, Chiba City	Monthly deposition	5 [Sample] - Monthly fallout							
Chiba	Ichihara City	Monthly deposition	6 [Nuclide] - C6-137		Description in the second			P		
Chiba	Ichihara City	Monthly deposition	 Report name FY 2020 report (prompt report 	Radioactivity Fallout Survey	Japan Chemical Analysis	Center Japan (Chemical Analysis Center	Monthly deposition	Deposition	Organis
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hiba	Ichihara City	Monthly deposition	22 FY 2020 report of result of en Radioactivity Fallout Survey Chiba Prefectural Office Chiba Prefect 23 FY 2020 report of result of en Radioactivity Fallout Survey Chiba Prefectural Office Chiba Prefect				Prefectural Environmental Re	sc Monthly deposition	Deposition	
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Chiba	Ichihara City	Monthly deposition	27 FY 2020 report of result of en	Radioactivity Fallout Survey	Chiba Prefectural Office	Chiba P	Prefectural Environmental Re	se Monthly deposition	Deposition	
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You can check the search conditions. You can search again for different search conditions.

Filtering conditions

The search results above were retrieved for the following search conditions.

Survey Period	2020/4 to 2021/3
Survey Region	Chiba
Survey Sample	Monthly fallout
Survey Nuclide	Cs-137

Search again for different search conditions

Radiation Around Me

You can search for information on radiation around you by using the location feature of smartphones or by specifying a prefecture and municipality. When you click or tap on a displayed measuring point, you can check the air radiation dose rate there.



Search result example

By searching for an area, you can see the measurement points on the map. By clicking your preferable measurement point, you can check the measurement results there.





Radioactivity Concentration in Japan

You can check the results of the radioactivity (concentration) survey on various samples conducted by prefectures, if your device has a location feature. When you click or tap on a displayed location, you can check the measurement results there.





By searching for a sample and a region, you can see the survey points on the map. By clicking your preferable survey point, you can check the survey results there.





Using data registered to the Environmental Radiation Database, you can create charts of air radiation dose rates, annual changes, and concentration ranges with setting conditions. You can easily create a chart by selecting the type of chart you want to create and then simply following the instructions displayed on your screen. Please note that some data for the atmosphere and ocean cannot be specified for certain prefectures, and you cannot create charts for such data.



Edit-the-chart options: \bullet Change the title \bullet Change the maximum bound and tick interval Others: \bullet Display in full screen \bullet Print out the chart \bullet Download \bullet Print out the page FAQs on how to read the charts are available on each page. Please see such pages for more detail.



Create a Summary Table

You can create a summary table by specifying survey years and the survey area. You can easily create a summary table by simply following the instructions displayed on your screen.



Search for the selected conditions

Example

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sample	Prefecture name	rear	Rinimum	Average Ma	Komum Total n	umber of samples	Median	standard deviation	Number of detections
Aurborne dust	Hoxxaido	2000	0.26	0.95	21	360	0.84	0.46	360
Airborne dust	Hokkaido	2001	0.24	0.90	1.8	360	0.92	0.39	360
Airborne dust	Hokkaido	2002	0.18	0.90	2	359	0.85	0.44	359
Airborne dust	Hokkaido	2003	0.12	0.96	1.9	360	0.95	0.39	360
Airborne dust	Hokkaido	2004	0.29	0.93	1.6	360	0.91	0.31	360
Airborne dust	Hokkaido	2005	0.18	0.89	1.7	360	0.83	0.38	360
Airborne dust	Hokkaido	2006	0.17	0.98	2.3	359	0.98	0.46	359
Airborne dust	Hokkaido	2007	0.11	0.96	1.9	360	0.85	0.43	360
Arborne dust	Hokkaido	2008	0.22	1	2	360	1.1	0.44	360
Airborne dust	Hokkaldo	2009	0.13	0.93	2.6	355	0.90	0.44	355
Airborne dust	Hokkaido	2010	0.24	0.99	2.2	357	0,95	0.45	357
Airborne dust	Hokkaido	2011	0.22	1.01	2.7	360	0.97	0.44	360
Airborne dust	Hokkaido	2012	0.15	0.83	2.2	360	0.79	0.40	360
Airbonn dust	Hokkaldo	2013	0.13	0.84	1.0	160	0.82	0.30	344

- You can save the search results in CSV format.
- Filtering conditions are displayed.
- You can regenerate the chart and/or table for different search conditions.



Radioactivity in Food

Information on radioactivity related to food is available here. You can check the level of radioactivity in various food and committed effective doses for evaluating the impact of radioactivity taken into our bodies through food consumption.



Display contents: ● Chart of search results ● Summary table of search result data by item ● Committed effective dose ● Source of survey results ● Filtering conditions

Others: • Display in full screen • Print out the chart • Download • Print out the page

* In filtering conditions, you can regenerate the chart and/or table for different search conditions.



13

Learn Radiation Basics

You can learn basic information on radioactivity and radiation.



Library

You can check materials and data on environmental radioactivity.



Archive

You can check various past data from the archive.



Past Events Envisaged by Measurement Data

Past events that had a major impact on the values of environmental radioactivity concentration and radiation are explained here.



- Atmospheric Nuclear Tests (Mid-1940s to 1980)
- Chernobyl Nuclear Power Plant Accident (1986)
- JCO Criticality Accident (1999)
 Environmental Survey Pertaining to the Issue of Misuse of Depleted Uranium Ammunition

Global Radioactivity Concentration in 2000

By selecting samples such as daily food and airborne dust, you can check the radioactivity concentration in the world in the year 2000.



Radon Concentration Survey

You can check the results of radon confirmation surveys.



- Indoor Radon Concentration (from April 1993 to June 1996)
- Outdoor Radon Concentration
- (from FY1997 to FY1999)
- Workplace Environment Radon Concentration (from FY2000 to FY2002)



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If you have any questions or inquiries about this website, please fill in the inquiry form below. https://www.kankyo-hoshano.go.jp/en/contact-en/

