

Indices concerning radioactive materials in foods (Bq/kg)

Radionuclide	Japan		Codex Alimentarius Commission		EU		US	
Radioactive cesium	Milk	50	Infant foods General foods	1,000	Milk Infant foods General foods	1000 400 1,250	All foods	1,200
	Infant foods	50		1,000				
	General foods	100		1,000				
Upper limits for additional doses	1mSv		1mSv		1mSv		5mSv	
Assumed percentages of foods containing radioactive materials	50%		10%		10%		30%	

* The Codex Alimentarius Commission is an intergovernmental body created in 1963 by the Food and Agriculture Organization of the United Nations (FAO) and the World Health Organization (WHO) for the purpose of protecting consumers' health and ensuring fair-trade practices in the food trade, etc.; The Commission establishes international standards for foods.

* Standard limits incorporate effects of the amount of food intake and assumed percentages of foods containing radioactive materials. Therefore, the values are not suitable for inter-comparison.

* Indicated standard limits for drinking water are the WHO guidance levels of radioactive materials, which are referred to in respective countries, and standard limits for radioactive materials vary by country due to differences in adopted preconditions. Therefore, the values are not suitable for inter-comparison.

Source: Prepared based on "Food and Radiation Q&A," Consumer Affairs Agency

In Japan, new standard limits for radioactive materials in foods were established and were put into force on April 1, 2012. The new standard limits were set by classifying foods into four categories and the standard limit for drinking water, which is most frequently taken by people, was set at 10 Bq/kg.

The standard limit for milk, which children generally drink a lot of, was reduced to 50 Bq/kg. Additionally, a new category, "infant foods," was made for ensuring safety for infants and the standard limit thereof was set at 50 Bq/kg, the same as that for milk. The standard limit for other general foods is 100 Bq/kg.

All foods other than infant foods were categorized as general foods based on the idea to minimize gaps in additional doses caused by differences in individuals' eating habits. The value was set with sufficient room to ensure safety no matter what foods people eat as long as radioactive Cs concentrations therein are within the standard limit.

Regulation values vary by country due to differences in annual exposure dose limits based on which the respective countries set their standard limits and in contamination rates in foods, etc. (In Japan, regulation values were set on the safe side based on the annual exposure dose limit of 1 mSv and on the assumption that 50% of general foods and 100% of milk and infant foods are contaminated. On the other hand, the Codex Alimentarius Commission specifies the annual exposure dose limit as 1 mSv and assumes that 10% of foods are contaminated.)

(Related to p.43 of Vol. 2, "Standard Limits Applied from April 2012")

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