

# Ensuring safety of food in Japan

May 2015

Food Industry Bureau Ministry of Agriculture, Forestry and Fisheries

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## 1. Basic knowledge of radioactive substances

## The Standard limits for radionuclides in foods.

- ✓ Codex establishes the standard limit as less than 1,000 Bq/kg for radioactive caesium in food as the international standards.
- Japan establishes 100 Bq/kg (general foods) as the standard limit based on the international standard to ensure food safety strictly.

Unit: Bq/kg

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Nuclear species	CODEX	EU		US	Japan	
		drinking water	1,000		drinking water	10
Radio caesium	Infant foods 1,0	0 daily products	1,000		milk	50
(134Cs, 137Cs)	general foods 1,0	0 Infant foods	400	,	Infant foods	50
		general foods	1,250		general foods	100

[Note]

Codex: establishing the standard limit based on the Operational Intervention Level 1 mSv, and assume 10% of all foods was harvested in radioactive contaminated area.

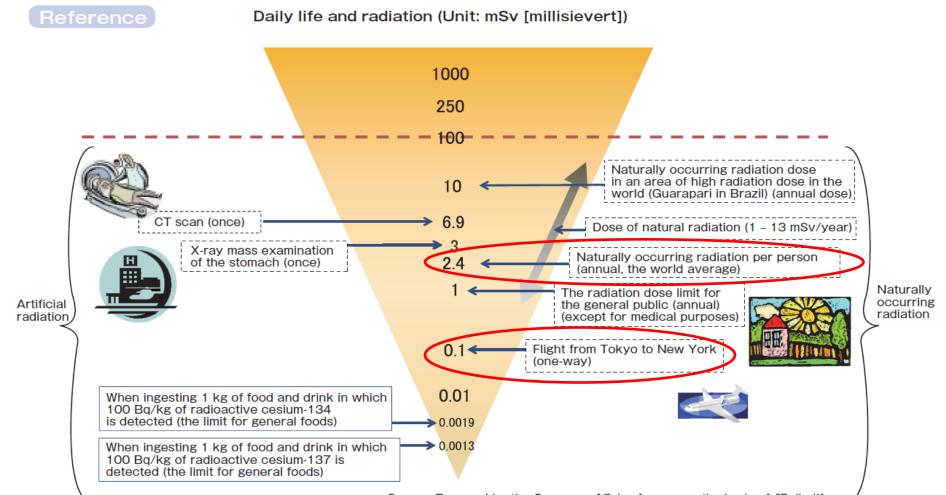
- EU: establishing the standard limit based on personal additional exposed dose as not more than 1 mSv/Year, and assumed that 10% of all foods for human consumption in lifetime was harvested in the radioactive contaminated area.
- USA: establishing the standard limit based on the collective effective dose 5 mSv, and assume 30% of all foods intake is radioactive contaminated.



## Daily life and radiation dose

People are exposed to radiation in our daily life.

 ✓ For example, we receive a dose of radiation during the airline flight. (0.2 mSv / a round trip from Japan to New York)



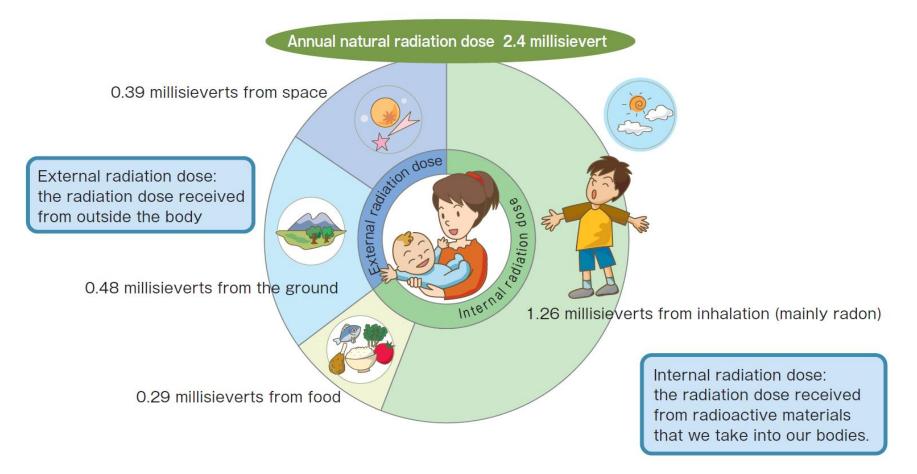
Source: Prepared by the Consumer Affairs Agency on the basis of "Daily life and radiation" from the Ministry of Education, Culture, Sports, Science and Technology, and the website of the National Institute of Radiological Sciences.



## A dose of natural radiation

"Natural radiation" is defined as radiation which is originally present in nature. There are various radiation. We are exposed to natural radiation from both external and internal radioactive materials.
 We receive a dose of 2.4 mSv per year from natural radiation in our daily life.

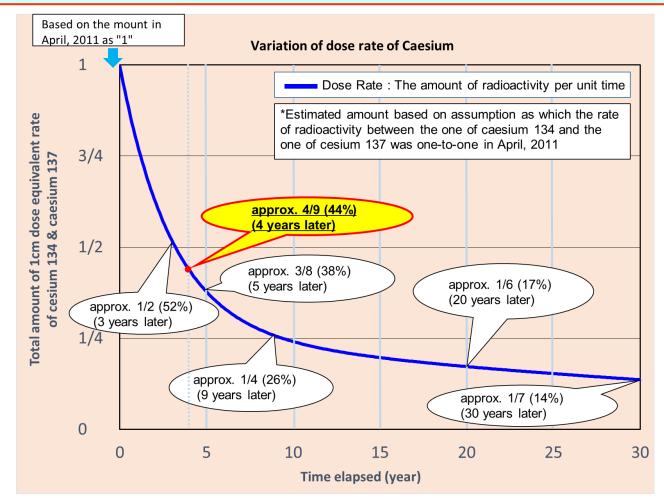
Natural radiation to which we are exposed in one year Annual radiation dose per person (world average)



-5-



- ✓ There are two types of radioactive cesium (Cs-137: half-life of about 30 years, Cs-134: half-life of about 2 years).
- On the assumption that the ratio of cesium 137 and cesium 134 immediately after the Great East Japan Earthquake was about 1:1 and that the dose was not later decreased by movement of the radioactive substances, the dose rate of cesium was calculated taking only attenuation in the half-life into consideration. It is estimated as a result that the cesium dose rate will decrease to a half 3 years later, <u>four ninths 4 years later</u>, three eighths 5 years later, one fourths 9 years later, and one sevenths 30 years later.
- ✓ However, it is expected to decrease slightly faster than that due to the influences of rainfall, etc. (weathering effect).



## 2. Measures to ensure safety of food





- Food monitoring inspection has been conducted based on standard limits in accordance with the international standard.
- Food exceeding standard limits is restricted from being shipped and prevented from reaching the market.

#### << Japan's standard limits of radioactive cesium>>

Food	standard limits* (Bq/kg)
Drinking water	10
Milk	50
Infant Foods	50
General Foods	100

(\*) Enforced in April 2012 based on the index of annual dose of 1 mSv of CODEX committee

- More than 1 million cases of monitoring inspection have so far been conducted immediately after the Great East Japan Earthquake. In addition, <u>100% inspection was</u> conducted on more than 32 million bags of rice. (As of May 2015)
- The percentage of cases exceeding the standard limits is on the decline. In 2014FY (April(2014) to March(2015)), it stands at <u>0.2% of the total</u>.

(In addition, agricultural products exceeding the standard limits is very few. Those that exceed are wild <u>mushroom and bird and animal meats</u> in most of the cases.)

Food exceeding the standard limits, if found, is prevented from reaching the market by distribution restriction and other measures.



### Restriction of distribution and/or consumption of foods

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Food exceeding standard limits is restricted from being shipped and prevented from reaching the market.

Order by Act on Special Measures Concerning Nuclear Emergency Preparedness

### "Restriction of Distribution"

When areas producing the items exceeding the limits have been spread out, relevant areas and items become subject to restriction.

### "Restriction of Consumption"

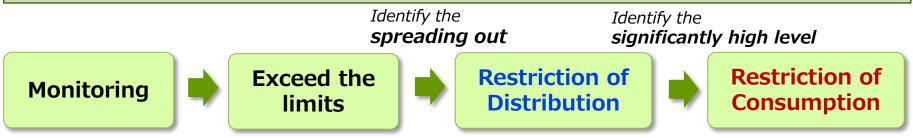
When significantly high level of concentration is detected in items, the restriction of consumption is immediately established.

#### The requirements for establishing items and areas of restriction

- When it is considered that areas producing the items exceeding the limits have been spread out, relevant areas and items become to restriction.
- Unit of Restriction is prefecture basis. Prefectures can be divided into multiple number of areas if they can be administered by prefectures and municipalities.

#### ■ The requirements for cancellation of restriction

- Based on the application of the relevant prefecture.
- Prefectures can be divided into a multiple zones, in the light of the actual situations of the shipments of the items.
- As a general rule, the results of radioactive cesium inspections conducted at 3 or more locations per municipality within the last month must all fall below the limits.



\* Monitoring of radioactive materials in food are mainly carried out before shipment. Most of the food items exceeding the limits are derived from areas where restrictions of distribution have been instructed.

Source: Ministry of Health, Labour and Welfare

## IAEA's evaluation of measures to ensure food safety

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The IAEA positively evaluated Japan in their report (February 2015), and is saying that "the measures taken (by Japan) to monitor and respond to issues regarding radionuclide contamination of food are appropriate, and that the food supply chain is under control".

The IAEA continues to consider that systems are in place and are being implemented that prevent food and agricultural products with levels of caesium radionuclides in excess of the national regulatory limits from entering the food supply chain.

Food restrictions continue to be revised and updated as necessary, in line with food sampling and monitoring, and this indicates the continued Vigilance of the authorities in Japan and their commitment to protecting consumers and trade.

Based on the information that has been made available, the Joint FAO / IAEA Division understands that the measures taken to monitor and respond to issues regarding radionuclide contamination of food are appropriate, and that <u>the food supply chain is under control</u>.



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Excess of the standard limits in 2014 FY (from April 2014 to January 2015) was 447 cases (0.17%).
 The percentage is on the decline year after year, 0.86%(2012FY), 0.31%(2013FY) and 0.17%(2014FY).

	20	12.04~2013	.03	20	13.04~2014	.03	2014.04~2015.01					
All Prefectures	No. of samples	No. of samples more than the standard	Excess ratio	Number of samples	No. of samples more than the standard	Excess ratio	Number of samples	No. of samples more than the standard	Excess ratio			
Grains	19,488	127	0.65%	12,573	83	0.66%	5,456	2	0.04%			
Vegetables	19,209	7	0.04%	21,104	0	0.00%	15,079	0	0.00%			
Fruits	5,647	15	0.27%	5,397	0	0.00%	3,869	0	0.00%			
Edible Fungi (cultivated)	4,397	328	7.46%	4,031	9	0.22%	3,729	7	0.19%			
Fishery products (other than freshwater)	18,919	835	4.41%	20,444	194	0.95%	17,021	42	0.25%			
Fishery products (freshwater)	3,394	246	7.25%	3,385	105	3.10%	2,797	42	1.50%			
Cattle meat	190,677	6	0.00%	232,337	0	0.00%	189,986	0	0.00%			
Livestock products (other than cattle meat)	2,189	2	0.09%	2,285	0	0.00%	1,390	0	0.00%			
Game meat	1,375	519	37.75%	1,360	394	28.97%	1,122	249	22.19%			
Wild plants and wild edible fungi	2,488	274	11.01%	3,688	186	5.04%	3,862	97	2.51%			
Milk•Infants Use	5,259	0	0.00%	5,082	0	0.00%	3,567	0	0.00%			
Tea and drinking Water	1,689	13	0.77%	1,142	0	0.00%	677	0	0.00%			
Processed foods	8,592	69	0.80%	10,031	25	0.25%	7,546	8	0.11%			
Unclassified	0	0	0%	0	0	0%	0	0	0%			
Total	283,323	2,441	0.86%	322,859	996	0.31%	256,101	447	0.17%			

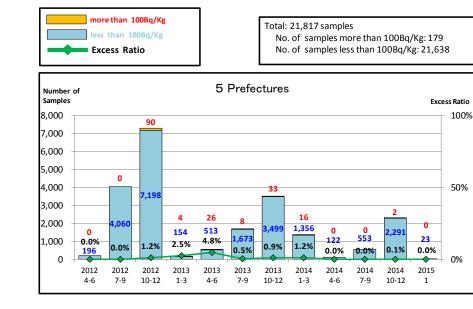
\*The standard limits are 100Bq/kg (except Milk Infants Use (50Bq/kg), Tea and drinking Water (10Bq/kg)).



### Food monitoring result (transition of rate of exceeding standard limits in each quarter) (1)

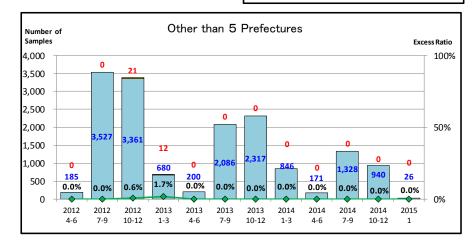
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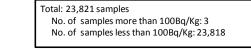


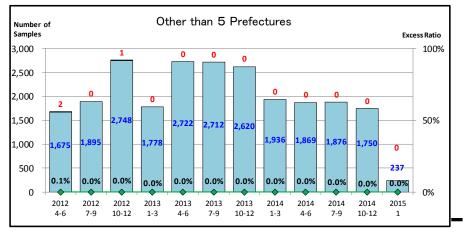


#### more than 100Bg/Kg Total: 31,571 samples ess than 100Bg/Kg No. of samples more than 100Bq/Kg: 4 **Excess Ratio** No. of samples less than 100Bq/Kg: 31,567 **5** Prefectures Number of Samples Excess Ratio 100% 5,000 4,000 0 0 0 0 0 0 3,000 50% 2.000 3.87 .53 54 0 3.253 3.26 3,132 1 2.97 0 1.230 1,000 283 1,37: 1.234 0.0% 0.1% 0.0% 0.0% 0.1% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0 0% 2012 2012 2013 2013 2013 2013 2014 2014 2014 2014 2015 2012 7-9 10-12 1-3 4-6 7-9 10-12 1-3 7-9 10-12 4-6 4-6 1

Total: 15,700 samples No. of samples more than 100Bq/Kg: 33 No. of samples less than 100Bq/Kg: 15,667





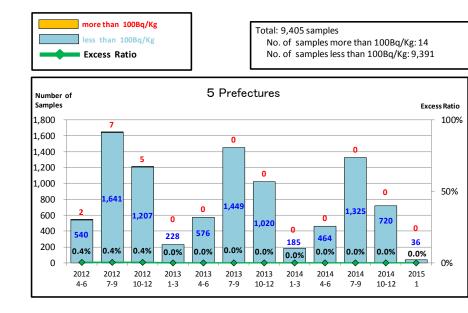


Vegetables

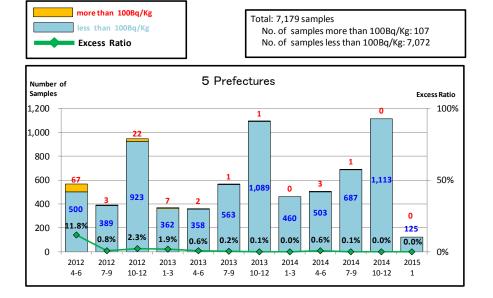


### Food monitoring result (transition of rate of exceeding standard limits in each quarter) (2)

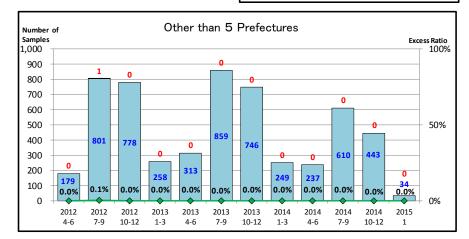
### MAFF

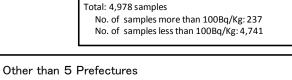


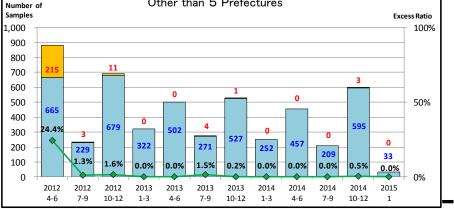
#### Fruits



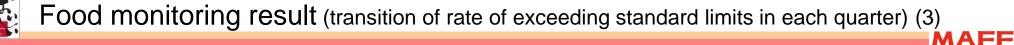
Total: 5,508 samples No. of samples more than 100Bq/Kg: 1 No. of samples less than 100Bq/Kg: 5,507



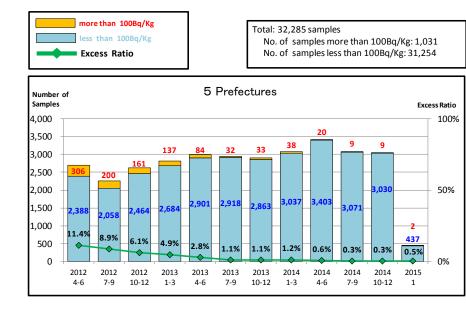




Edible Fungi(cultivated)



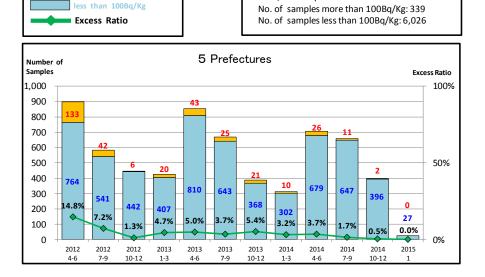




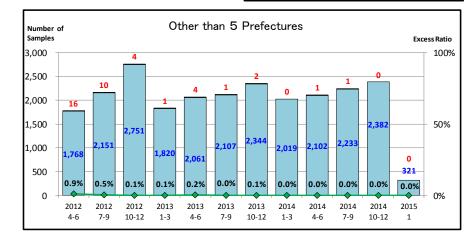
#### Fishery products(freshwater)

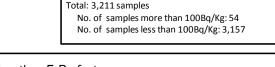
Total: 6,365 samples

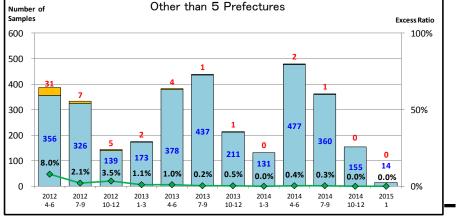
more than 100Bq/Kg



Total: 24,099 samples No. of samples more than 100Bq/Kg: 40 No. of samples less than 100Bq/Kg: 24,059



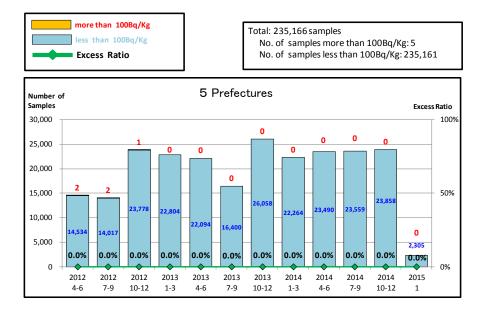






### Food monitoring result (transition of rate of exceeding standard limits in each quarter) (4)

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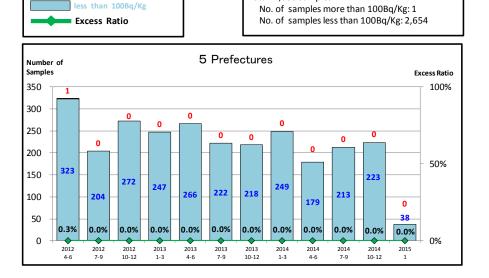


#### Cattle meat

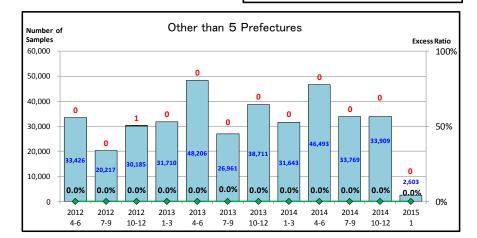
Livestock products(other than cattle meat)

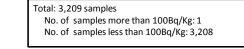
Total: 2,655 samples

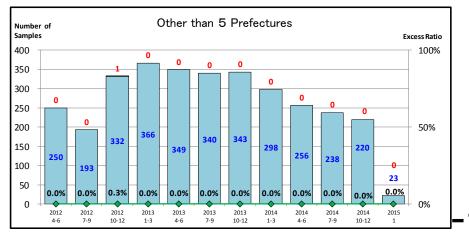
more than 100Bq/Kg



Total: 377,834 samples No. of samples more than 100Bq/Kg: 1 No. of samples less than 100Bq/Kg: 377,833









## Food monitoring result (transition of rate of exceeding standard limits in each quarter) (5)

600

400

200

Λ

Number of

Samples

1,600

1,400 1,200 1,000

800

600

400

200

0

38

431

8.1%

2012

4-6

8

9.1%

2012

7-9

13.0

2012

4-6

27

2012

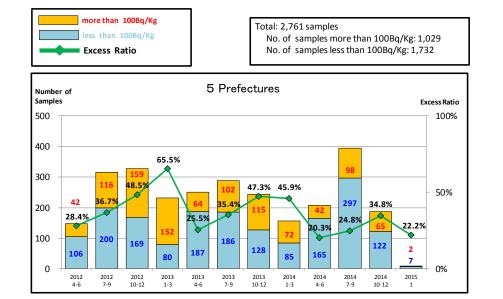
7-9

2012

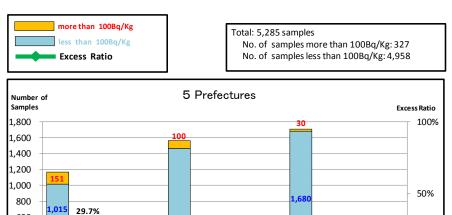
10-12

2013

1-3



#### Game meat



3

57

5.0%

2013

7-9

6.4%

2013

4-6

68

1.4%

2013

10-12

171

0.0%

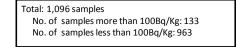
2014

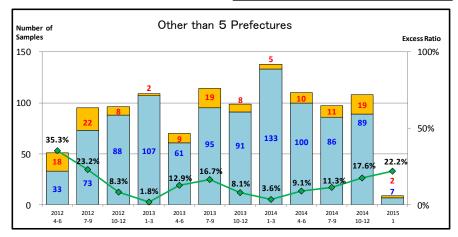
1-3

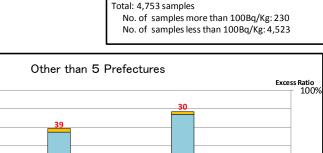
2014

4-6

Wild plants and wild edible fungi







-5

92

5.2%

2014

7-9

60

0.0%

2014

10-12

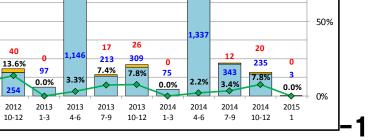
15

0.0%

2015

1

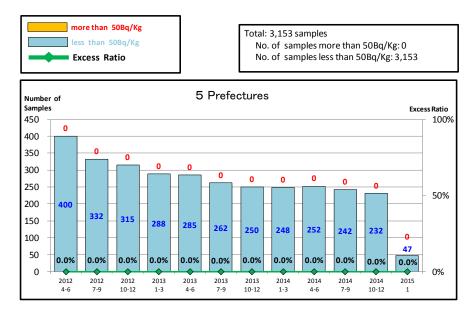
0%



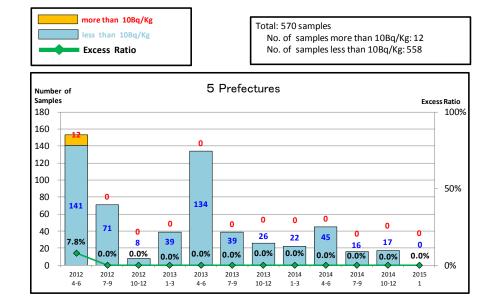


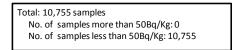
### Food monitoring result (transition of rate of exceeding standard limits in each quarter) (6)

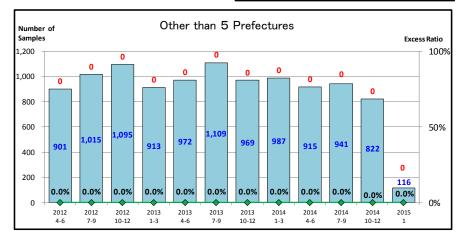
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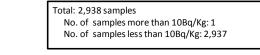


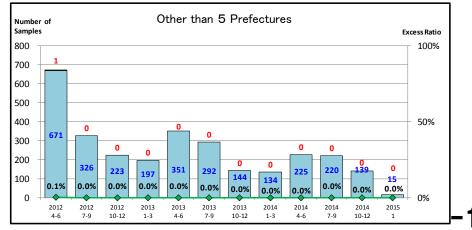
#### Milk Infants Use









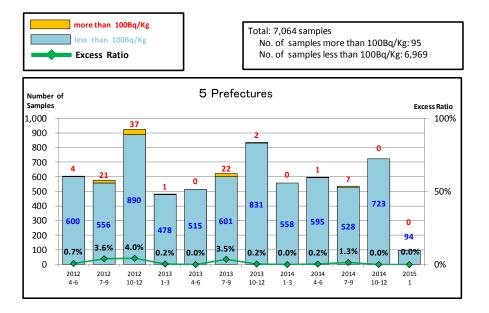


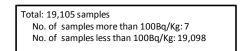
Tea and drink Water

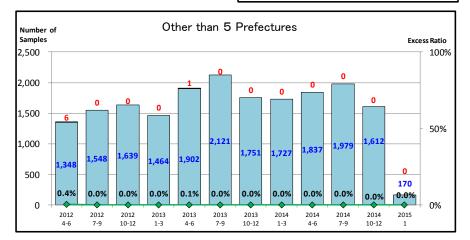


### Food monitoring result (transition of rate of exceeding standard limits in each quarter) (7)

#### Processed food



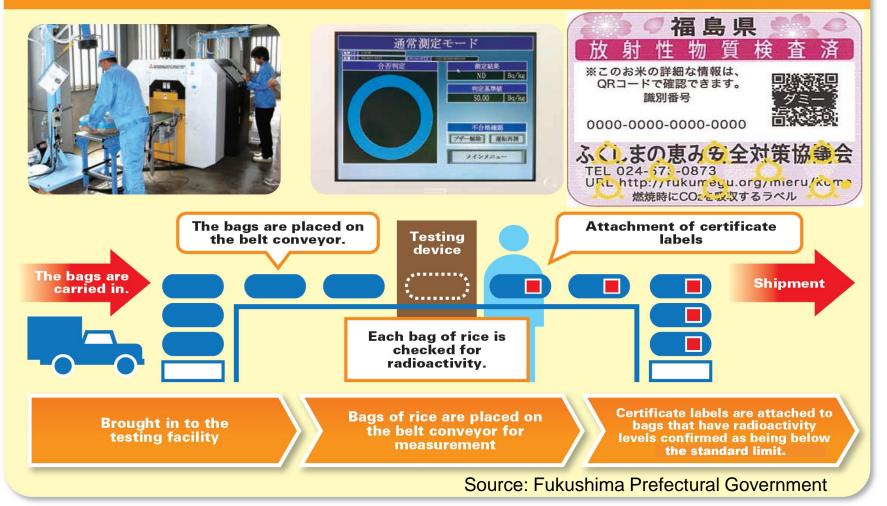






- Fukushima prefecture measures the radioactive caesium level of all bags of rice. Over 10 million bags have been tested every year since 2012.
- ✓ Only rice confirmed as being below the standard limit can be shipped and distributed to the market.

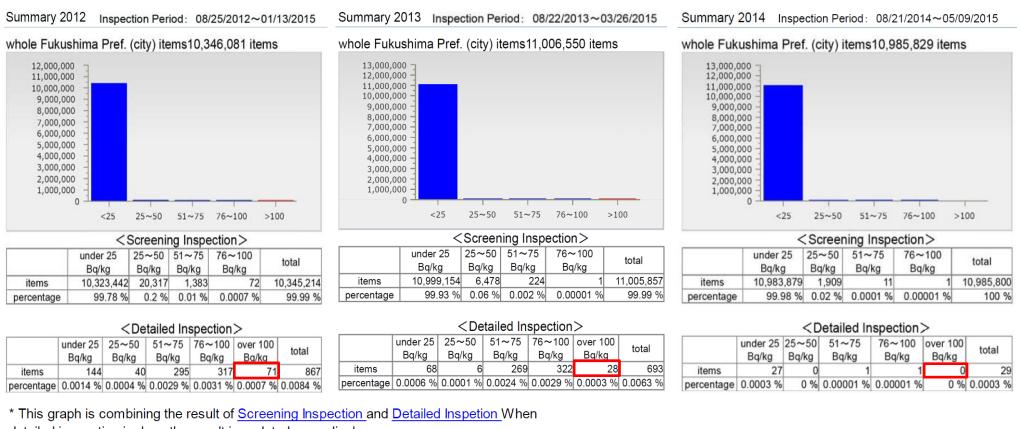
### **Process for testing of all rice**



-19-



- 71 samples(0.0007%) were found with exceeding standard limit in 2012, and also 28 samples (0.0003%) in 2013. These samples have been isolated from the market appropriately so that they could not be distributed to the market at all.
- As of May 9th, all tested samples of rice harvested in 2014 have been confirmed below the standard limit.



- detailed inspection is done the result is updated accordingly.
- $^{\ast}$  radiocative cesium is a total value of cesium 134 and cesium 137
- \* regarding the ratio, rounded total value of screeining inspection and detailed inspection to 2 decimal places and 4 decimal places.



### Measures toward ensuring food safety in Fukushima (vegetables and fruits)

Fukushima Prefecture checks the safety of locally produced vegetables and fruit through emergency environmental radiation monitoring before shipping them. Samples of these agricultural products are also tested at individual production areas (using equipment such as NaI scintillation spectrometers\*) to ensure that safe vegetables and fruit are shipped and distributed.

\*The test is conducted by following the Testing Methods for Radioactive Cesium in foods prescribed by the Ministry of Health, Labour and Welfare.

#### **Testing Process**

### The samples are cut into small pieces and packed into a container for measurement.



Source: Fukushima Prefectural Government



### Measures toward ensuring food safety in Fukushima (beef)

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Source: Fukushima Prefectural Government





### Measures toward ensuring food safety in Fukushima(Fishery Products)



- ✓ Fukushima prefecture government conducts monitoring inspection of radioactive Cs in fishery products for approximately 180 samples per week. (all fishery species in this area including those under distribution restriction have been inspected using germanium semiconductor detector for precise determination of radioactive Cs level).
- "Trial Fishing" was started in June 2012 with limited operation area and selected fishing methods, targeting those fish species whose Cs level is stably below the standard limit. 20 km radius of Fukushima Daiichi Nuclear Power Plant is excluded from the operation area.
- In addition, as it own effort of Fukushima prefecture, screening test has been conducted before sales. If 50Bq/kg or higher level is detected, distribution is voluntarily suspended.

#### 1. Strict Monitoring Inspection

### Research vessel of prefecture



Periodical inspection at the same sampling point Fisherman : fishing vessel



Target species and fishing method appropriately selected for each fishing season

<u>180 samples per week (seawater species)</u>





Inspection of Radioactive Cs level (Fukushima Agricultural Technology Center)

y suspended.	
2. Trial fishing	(as of the end of 2014)
✓ The target species:	57 species (excluding double count)
<offshore bottom="" td="" traw<=""><td>lers: 57species&gt; Giant Pacific octopus,</td></offshore>	lers: 57species> Giant Pacific octopus,
Japanese flying squid e	tc.
<octopus :<="" fishery="" pot="" td=""><td>57 species&gt; Giant Pacific octopus,</td></octopus>	57 species> Giant Pacific octopus,
Chestnut octopus etc.	
<coastal pelagic="" td="" trawle<=""><td>rs : 4 species&gt; Kounago , Whitebait,</td></coastal>	rs : 4 species> Kounago , Whitebait,
Halfbeak, > Salangichth	ys isikawae
<coastal fishery<="" gillnet="" td=""><td>: 57species&gt; Salangichthys isikawae,</td></coastal>	: 57species> Salangichthys isikawae,
Hiratsume-gani (Ovalipe	es punctatus) , Swimming crab and Dog
salmon etc.	
<coastal crab="" fishe<="" pot="" td=""><td>ry : 57 species&gt;</td></coastal>	ry : 57 species>
Hiratsume-gani (Ovalipe	es punctatus), Swimming crab, Common
octopus and Whelk etc	
<diving 1="" :="" fishery="" spec<="" td=""><td><b>cies&gt;</b> Abalone</td></diving>	<b>cies&gt;</b> Abalone
<dredge 1<="" :="" fishery="" net="" td=""><td>. <b>species&gt;</b> Sakhalin Surf Clam</td></dredge>	. <b>species&gt;</b> Sakhalin Surf Clam
<coastal driftnet="" fisher<="" td=""><td>y : 57 species&gt;</td></coastal>	y : 57 species>
	mackerel, Chub mackerel, Spotted
mackerel, Yellowtail and	d Japanese Spanish mackerel etc23-



### Measures toward ensuring food safety in Fukushima (production phase)

In Fukushima Prefecture, a wide range of initiatives are taken in the production phase of agriculture, forestry, and fishery products, in addition to monitoring by the prefectural government and voluntary testing in production areas.

#### **Measures including decontamination**



Source: Fukushima Prefectural Government



other factors.

reference to the results of soil diagnostics and

Information on reconstruction efforts | http://www.pref.fukushima.lg.jp/site/portal





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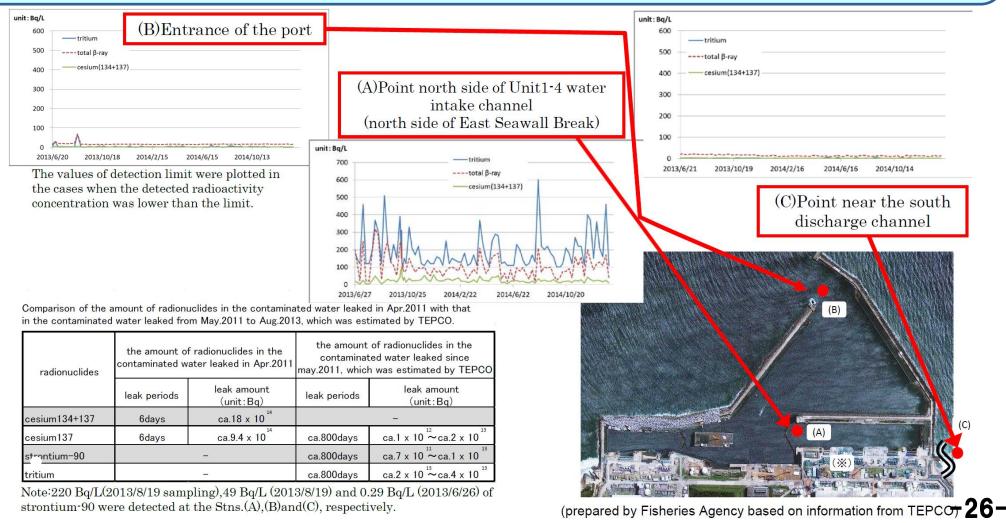
3. Reinforcement of measures against environmental contamination

## 5.

### Influence of the contaminated water in the port of Fukushima Daiichi nuclear power plant

MAFF

- May 2013, a high level of tritium was detected in ground water at the seawall area between intakes of unit 1 and unit 2(%) of Fukushima Daiichi Nuclear Power Station (F1NPS). TEPCO investigated this case and confirmed that the contaminated water had leaked into the port of F1NPS in July 2013.
- Though a certain level of radionuclides was detected in the seawater within the port, the level in outside is below detection limit at most sampling points. No significant influence of the contaminated water has been detected outside of the port.
- In order to prevent the contaminated fish in the port moving outside, TEPCO constructed the fence and net at the port entrance. TEPCO also have been catching the fish in the port (ref. TEPCO HP).





- ✓ Measures to prevent fish from moving and catch fish have been taken in the port of Fukushima Daiichi nuclear power plant.
- ✓ Bottom gillnets and wire fences are installed at the entrance of the port and screens are installed inside the levees.

Measures against fish in harbor of Fukushima Daiichi nuclear power plant

#### Measures currently taken



①: To prevent fish from moving out

①-1: Fixed gill net installed at mouth of harbor, ①-2: Wire fence installed at mouth of harbor, ①-3: Screening installed inside levee, ①-4: Silt fence/gill net installed at unloading station, etc.

(2): Capturing fish f

2-1: Cage fishing



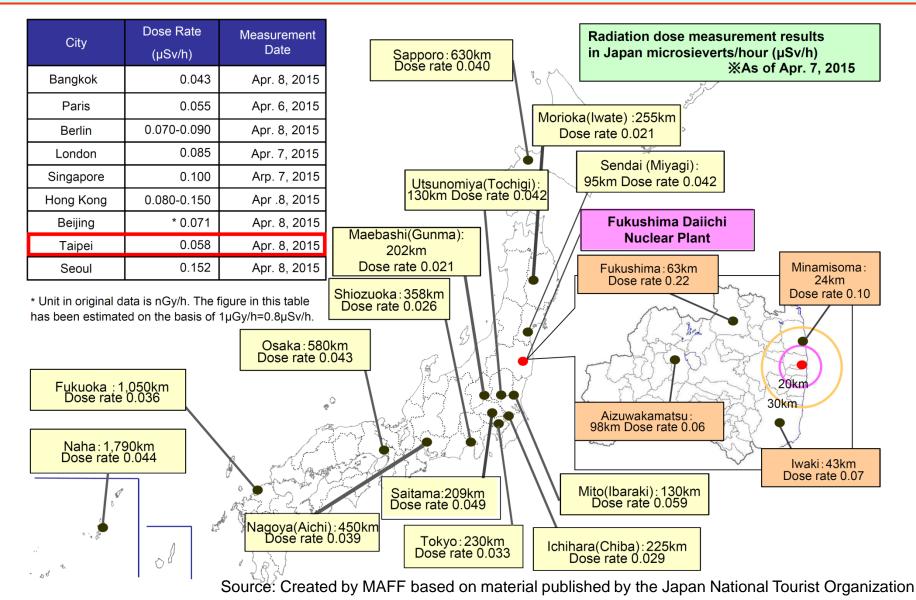
, 2-2: Gill net in harbor

Source: Tokyo Electric Power Co. -27-



### Monitoring radiation in atmosphere

Dose rate in the respective regions of Japan is almost at the same level of major cities abroad, except cities close to Fukushima Daiichi nuclear power plant.



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## 4. Relaxation of import restriction on Japanese foods



## Work on the countries for relaxing their import restrictions

### Persuading Foreign Governments

Japanese government has provided information on its policy, measures and monitoring data for countries which maintain import restriction

- ✓ It has request actions based on the scientific basis at the opportunities of summit meeting and international conferences
- It has provided surveillance data through Japanese embassies abroad and embassies of foreign countries in Japan
- It has sent the ministers, vice ministers and senior officers of the Ministry of Agriculture to key countries for requesting removing their import restrictions
  - Addressing Import Restriction of Foreign Countries (incl. support to export business)
- The government has provided information on import restriction of foreign countries
- The government has provided consultation service about the import restriction
- The government has made all arrangements for issuing certificates required by importing countries

- Actions for Dispelling Harmful Rumors in Foreign Countries and Recovering Exports (transmitting accurate information)
- Transmitting information on measures for ensuring food safety and charm of Japanese food.
- Various media such as newspapers and TV
- ✓ Various food events for consumer

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### Lift and relaxation of the import restrictions by the foreign countries

MAFF

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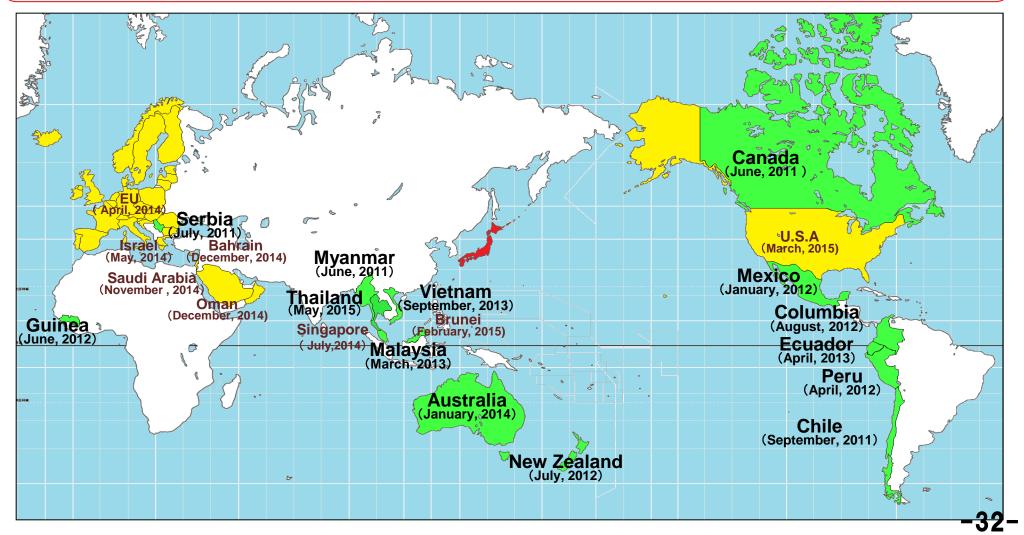
 Some foreign countries have lifted/relaxed sequentially their import restrictions, as the result of that Japanese government has made all-out efforts to the countries.

Lift of all restric	tion 】	Relaxation of	of the restrictior	
Cancelation date	Countries	Date in Effect	Countries	Summary of the relaxation
Jun. 2011	Canada	Apr. 2013	Singapore	Lifted import suspension.(7 prefectures) → Approved import by the testing certificate. (7 prefectures other than Fukushima)
"	Myanmar	"	Russia	Lifted import suspension.(6 prefectures) → Approved import by the testing certificate. (6 prefectures)
Jul. 2011	Serbia	Jun. 2013	EU	Reduced items required the testing certificate.
Sep. 2011	Chile	Oct. 2013	Brunei	Lifted import suspension.(7 prefectures) → Approved import by the testing certificate. (7 prefectures)
		Apr. 2014	EU	<u>Reduced</u> items and prefectures required the testing certificate.
Jan. 2012	Mexico	May 2014	Israel	Reduced prefectures required monitoring test by Israel Authority. (47 prefectures $\rightarrow$ 8 prefectures)
Apr. 2012	Peru	Jul. 2014	Singapore	<ul> <li>Lifted import suspension on Fukushima.(except some area)</li> <li>→ Approved import by the certificate of origin.</li> </ul>
Jun. 2012	Guinea	501. 2014	Singapore	<ul> <li><u>Reduced</u> items and prefectures required the testing certificate. (8 prefectures→3 prefectures)</li> </ul>
Jul. 2012	NZ	Nov. 2014	Saudi Arabia	<u>Approved</u> import by the testing certificate or the radioactivity analysis report. (47 prefectures)
Aug. 2012	Colombia	Dec. 2014	Bahrain	Relaxed the requirement on 47prefectures. → Approved import by the certificate of the exporter, instead of the radioactivity analysis report.
Mar. 2013	Malaysia	"	US	Reduced items originating from 3 prefectures required the radioactivity analysis report.
Apr. 2013	Ecuador	"	Oman	Relaxed the requirement on 47prefectures. → Approved import by the certificate of the exporter, instead of the radioactivity analysis report.
Sep. 2013	Vietnam	Feb. 2015	Brunei	<ul> <li><u>Reduced</u> items subject to import suspension from Fukushima.</li> <li>→ Approved import by the testing certificate.</li> <li><u>Reduced</u> items and prefectures required the testing certificate. (47</li> </ul>
Jan. 2014	Australia			<ul> <li><u>Reduced</u> items and prefectures required the testing certificate. (47 prefectures → Fukushima)</li> <li>→ Approved import by the certificate of origin (except Fukushima)</li> </ul>
May 2015	Thailand (Except 3 species of wild animals)	Mar.2015	US	<ul> <li><u>Reduced</u> import suspension items and the items originating from 3 prefectures required the radioactivity analysis report.</li> <li>→ Approved import by sampling test by US Authority</li> </ul>

## \*

# Countries and Regions lifting/relaxing the import restrictions

- 14 countries(green) have lifted the import restrictions related to radionuclide contamination on Japanese foods as of May, 2015.
- ✓ 9 countries (yellow : EU, Israel, Singapore, Saudi Arabia, Bahrain, Oman, Brunei and U.S.A) have eased the restrictions in recent one year.



## EU's import restriction on Japanese foods

- ✓ EU relaxed regulations in April 2014 and regions and items requiring a test certificate substantially decreased.
- Requirement for a certificate of origin was abolished for tea leaves from prefectures other than Fukushima (a test certificate is required for those from Fukushima).

#### [Current]

	Fukushima	Iwate	Miyagi	Ibaraki	Tochigi	Gunma	Saitama	Chiba	Akita	Yamagata	Nagano	Aomori	Yamanashi	Niigata	Shizuoka	Others
Mushrooms																
Wild Plants																
Grains (Rice, Soybeans, Buckwheat)																
Fishery Products																
Vegetables & Fruits																
Meat and Poultry																
Poultry Eggs																
Milk and Infants Use																
Tea (Leaves and Infusion)																
Other Products																

- : Requiring the certificate of Pre-export testing issued by the Government of Japan.
- : Requiring the certificate of Origin.
- : Subjected to sampling test in EU

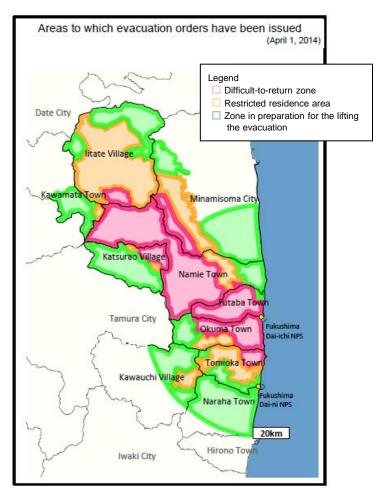
## Singapore's import restriction on Japanese foods

- In June 2014, Singapore relaxed the import restrictions and lifted the import suspension on products from Fukushima other than forest and fishery products.
- (Exceptionally, all food products from 10 municipalities around the Fukushima daiichi nuclear power plant are still suspended import.) The subjects required testing certificate were reduced to the forest and fishery products from three prefectures (Ibaraki, Tochigi, and Gunma).

Products \ Prefectures		Fukushima	Ibaraki	Tochigi	Gunma	Others
Forest Products	Mushrooms (Wild)					
	Mushrooms (Cultivated)					
	Wild plants (Wild berries etc)					
	Wild animal (Boar meat etc)					
Fishery Products						
Vegetab	oles and Fruits					
	Meat					
Po	ultry Egg					
Milk/M	lilk Products					
Tea/T	ea products					
Othe						

Suspended all food Products from designated municipalities around Fukushima Daiichi Nuclear Power Station. (Minamisoma-City, Kawamata Town, Kawauchi-Village, NarahaTown, litate-Village, Namie-Town, Katsurao-Village, Futaba-Town, Okuma-Town and Tomioka-Town)

: Suspended
: Requiring the certificate of Pre-export testing issued by the Government of Japan.
: Requiring the certificate of Origin issued by Japanese government or the chamber of commerce & industry.
: Subjected to sampling test in Singapore.





## South Korea's import restriction on Japanese foods

- ✓ Korea has suspended import of items which have been restricted distribution in Japan.
- Korea announced impose import suspension on fishery products from 8 prefectures(Fukushima, Miyagi, Iwate, Tochigi, Gunma, Chiba, Ibaraki and Aomori) without any scientific evidence in September, 2013.
- ✓ Japan has requested Korea to withdraw the restriction on fishery products immediately.

[Current]																							
	Fukushima	Miyagi	Ibaraki	Tochigi	Gunma	Chiba	Nagano	Saitama	Shizuoka	Yamagata	Niigata	Kanagawa	Tokyo	Hokkaido	Aichi	Mie	Ehime	Kumamoto	Kagoshima	Iwate	Aomori	Yamanashi	Others
Fishery Products																							
Mushrooms																							
Wild Plants		2																					
Vegetables & Fruits																							
Milk and Milk products																							
Grains																							
Tea and Tea products																							
Other Products																							



Suspended Suspended following the restriction of distribution in Japan Requiring the certificate of Pre-export testing issued by the Government of Japan. Requiring the certificate of Origin.

## Taiwan's import restriction on Japanese foods

 Taiwan suspends import of all food from five prefectures (Fukushima, Ibaraki, Tochigi, Gunma and Chiba) except alcohol products.

[Current]						
	Fukushima	Ibaraki	Tochigi	Gunma	Chiba	Others
Mushrooms						
Wild Plants						
Grains						
Fishery Products						
Vegetables & Fruits						
Milk and Milk products						
Tea and Tea products						
Meats						
Poultry Eggs						
Other Products (Excluding Alcohol Products)						

: Suspended

: Subjected to sampling test in Taiwan

## Hong Kong's import restriction on Japanese foods

Hong Kong suspends import of vegetables, fruits, milk, and milk-based products from five prefectures (Fukushima, Ibaraki, Tochigi, Gunma and Chiba).

#### [Current]

	Fukushima	lbaraki	Tochigi	Gunma	Chiba	Others
Vegetables & Fruits						
Milk, Milk beverages and Dried milk						
Meats						
Poultry Egg						
Fishery Products						
Other Products						

: Suspended
: Requiring the certificate of Pre-export testing issued by the Government of Japan.
: Subjected to sampling test in Hong Kong

## China's import restriction on Japanese foods



China suspends import of all food from 10 prefectures.
 While China requires testing certificate as a condition for importing fresh food from region other than the 10 prefectures, the format of such a certificate has not been agreed.

[Current]											
	Fukushima	Miyagi	Ibaraki	Tochigi	Gunma	Saitama	Chiba	Tokyo	Niigata	Nagano	Others
Mushrooms											
Wild Plants											
Grains											
Fishery Products											
Vegetables & Fruits											
Milk and Milk products											
Tea and Tea products											
Meats											
Poultry Eggs											
Other Products											



: Suspended

: Requiring the certificate of Pre-export testing issued by the Government of Japan. : Requiring the certificate of Origin.

## U.S.'s import restriction on Japanese foods

- The foods which have been restricted distribution are not allowed to be reached the market, so that cannot be exported to foreign countries.
- The import suspension items in US reflect the distribution restriction items in Japan. For example, when Japan canceled the restriction on the certain item, US consequently lifts the import suspension on the item.

[Current]															
	Fukushima	Ibaraki	Tochigi	Miyagi	Chiba	Iwate	Nagano	Gunma	Saitama	ramanash	Shizuoka	Aomori	Yamagata	Niigata	Others
Mushrooms															
Wild Plants															
Vegetables & Fruits															
Milk and Milk products															
Grains															
Fishery Products															
Tea and Tea products															
Meats															
Game Meat															
Other Products															

: Suspended following the restriction of distribution in Japan
: Requiring the laboratory analysis issued by the third-party laboratory
: Subjected to sampling test in US

## Thank you! Japan appreciates your cooperation for maintaining food safety for our next generation.