To secure the Safety of Fishery Products

Fisheries Agency of Japan

Contents

1. Aquatic Products Export to Egypt from Japan (1,000 US$)

	2006	2007	2008	2009	2010	2011
Mackerel 	8,466	14,254	19,743	25,368	37,994	6,386
Others	0	1,227	728	1,660	674	30
Total	8,466	15,481	20,471	27,028	38,669	6,416

*Data source: JETRO

Mackerel (fresh, chilled and frozen) export from Japan (1,000 US$)

2006	2007	2008	2009	2010	2011
China 31,028	China 26,852	Nigeria 23,664	Egypt 25,368	Egypt 37,994	Thailand 25,433
Korea 16,996	Korea 25,439	Egypt 19,743	China 13,891	Thailand 15,199	Vietnam 18,459
Thailand 11,214	Egypt 14,254	China 19,446	Thailand 10,198	China 14,950	Korea 15,458
Egypt 8,466	Philippines 8,459	Thailand 17,726	Korea 7,304	Korea 10,482	Philippines 13,299
Ghana 4,327	Thailand 7,312	Korea 11,990	Vietnam 4,741	Indonesia 7,911	China 10,536
Total 100,522	Total 110,519	Total 130,285	Total 72,964	Total 110,379	Total 110,350

*Data source: JETRO (2006~2010), & Trade statistics of Japan, Ministry of Finance (2011)

2. Provisional Regulation Values and Regulation Value

- The Japanese government sets the Provisional Regulation Values at 2,000 Bq/kg for Iodine and at 500Bq/kg for Cesium for fishery products.
- The government is considering to introduce new Regulation Value for Cesium starting this April; 100Bq/kg for all fishery products.

Comparison of regulation indices for fishery products

UNIT:Bq/Kg

	Cs-134, Cs-137	I-131
Codex (*)	1,000	100
Japan	500	2,000
US	1,200	170
EU	500	2,000
Thai	500	100
Singapore	1,000	100
South Korea	370	300
Hong Kong	1,000	100
Chinese Taipei	370	300
Philippines	1,000	1,000
Vietnam	1,000	100
Malaysia	1,000	100
China	800	470

(*) The index (100) by CODEX for Iodine shows a total of Sr-90, Ru-106, I-129, I-131 and U234.
The index (1000) by CODEX for Cecium shows a total of S-35, Co-60, Sr-89, Ru-103, Cs-134, Ce-144 and Ir-192.

EU regulation for imported fishery products

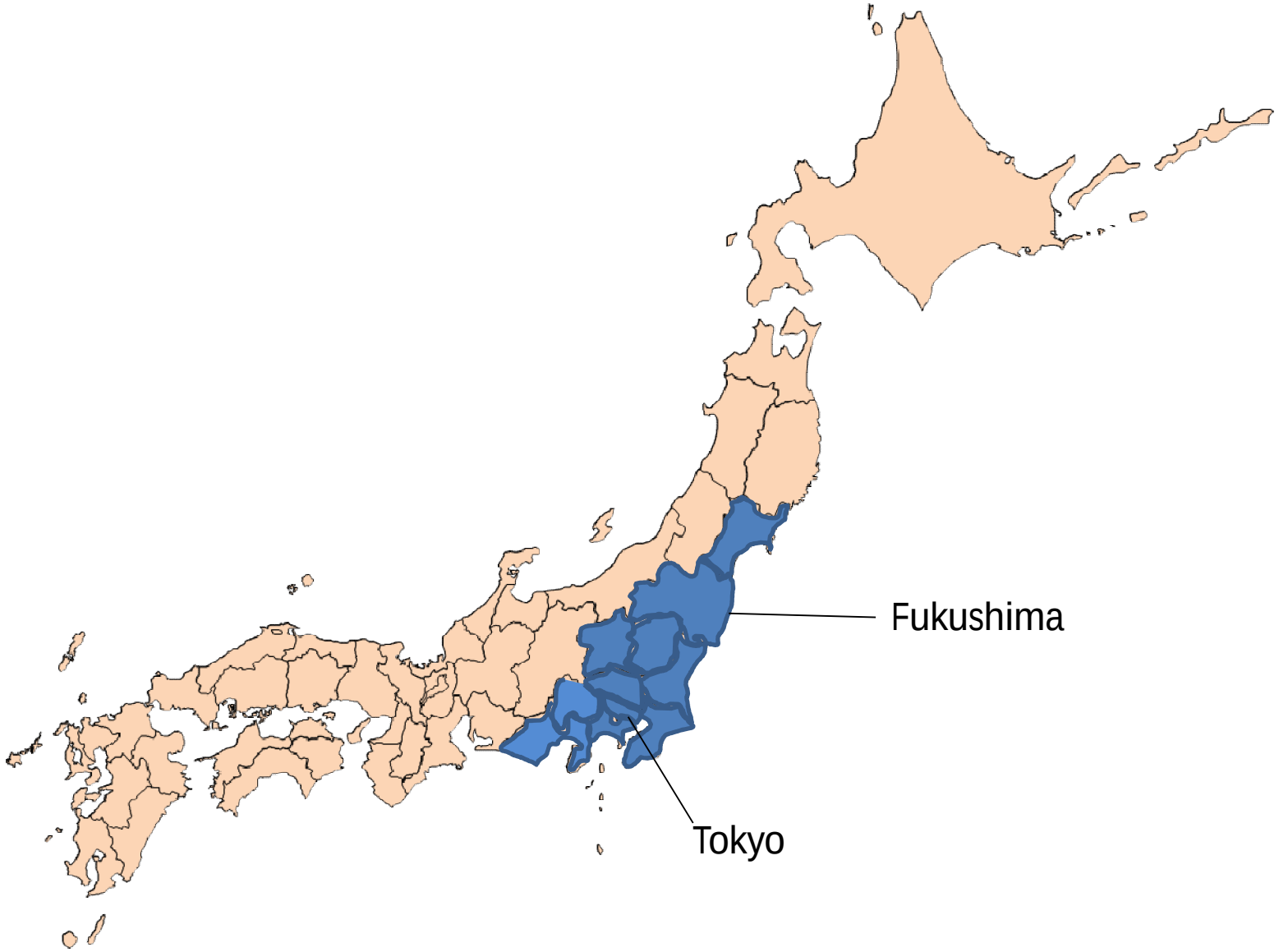
Regulation value: 500Bq/kg for Cs
(No requirement for other radionuclides, such as Sr.)

Following certification is requested:

The product has been harvested and/or processed before March 11, 2011,	Production Date
The product originates in and is consigned from a prefecture other than 11 prefectures,*	Production place
The product is consigned from 11 prefectures, but does not originate in one of those prefectures and has not been exposed to radioactivity during transiting, or	
If a product originates in 11 prefectures, the product does not contain levels of radionuclides Cs-134 and Cs-137 above 500bq/kg.	Attesting Radioactivity test

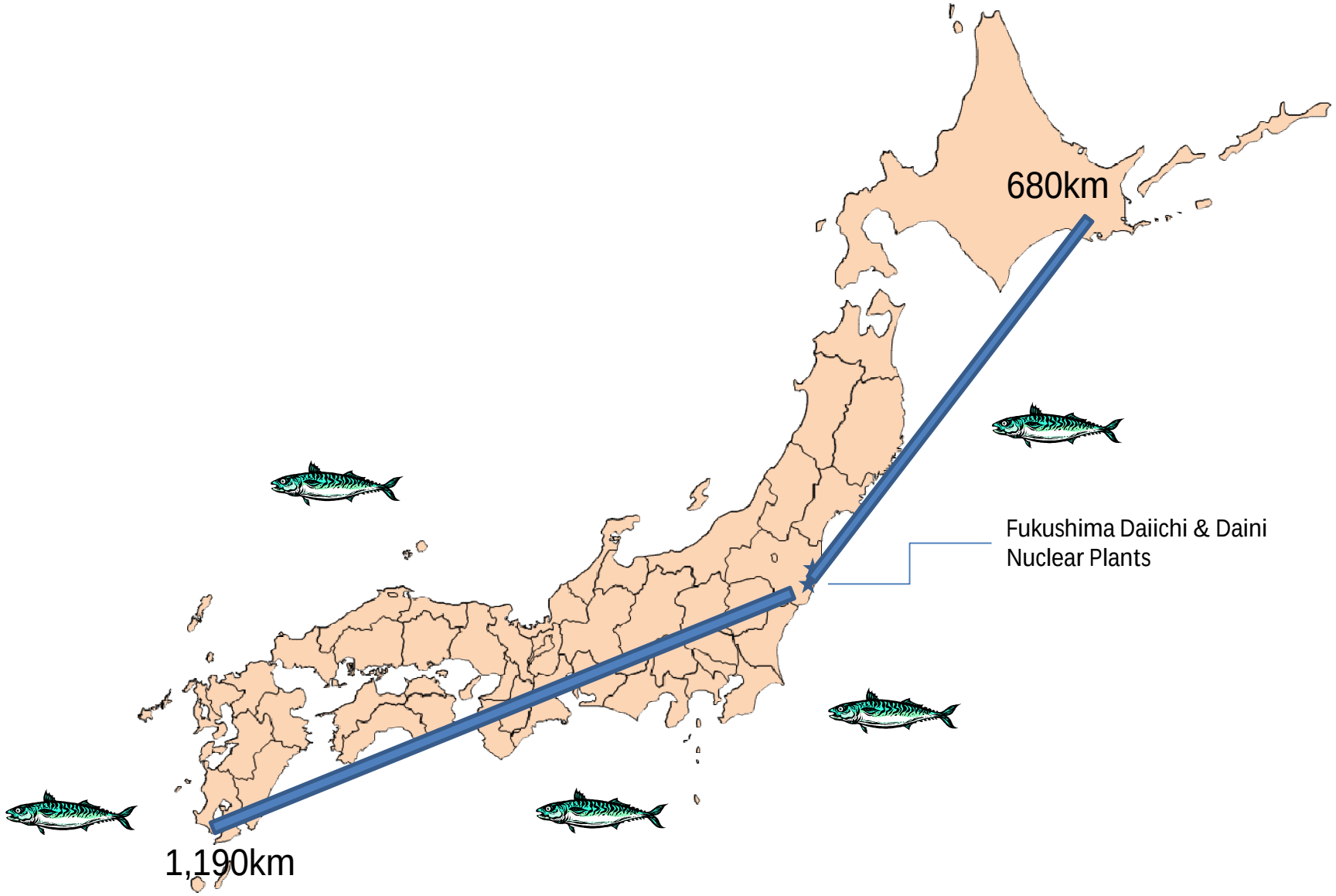
*11 prefectures: Fukushima, Gunma, Ibaraki, Tochigi, Miyagi, Yamanashi, Saitama, Tokyo, Chiba, Kanagawa and Shizuoka

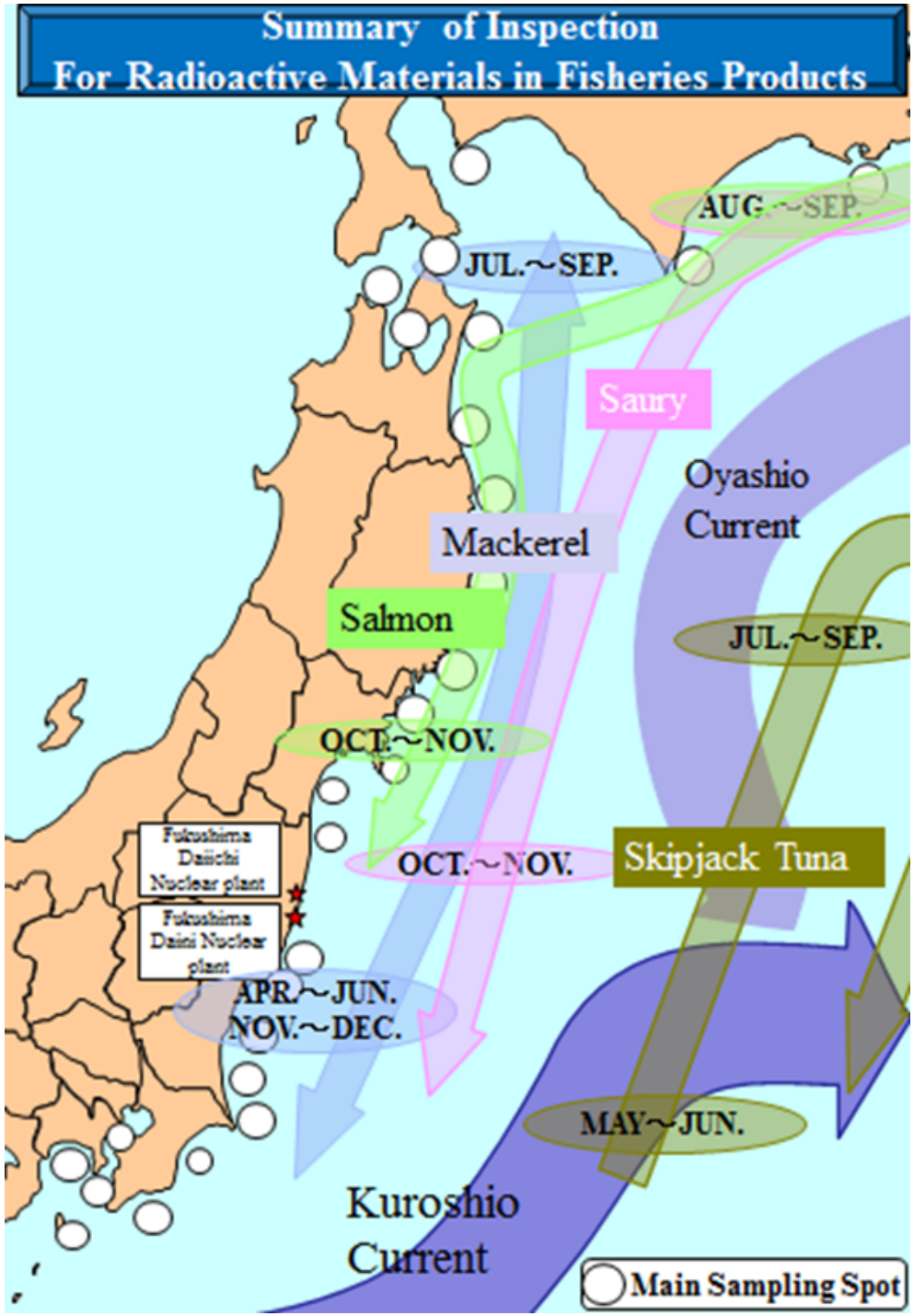
Reference.: Commission Implementing Regulation (EU) No. 1371/2011, & No. 961/2011

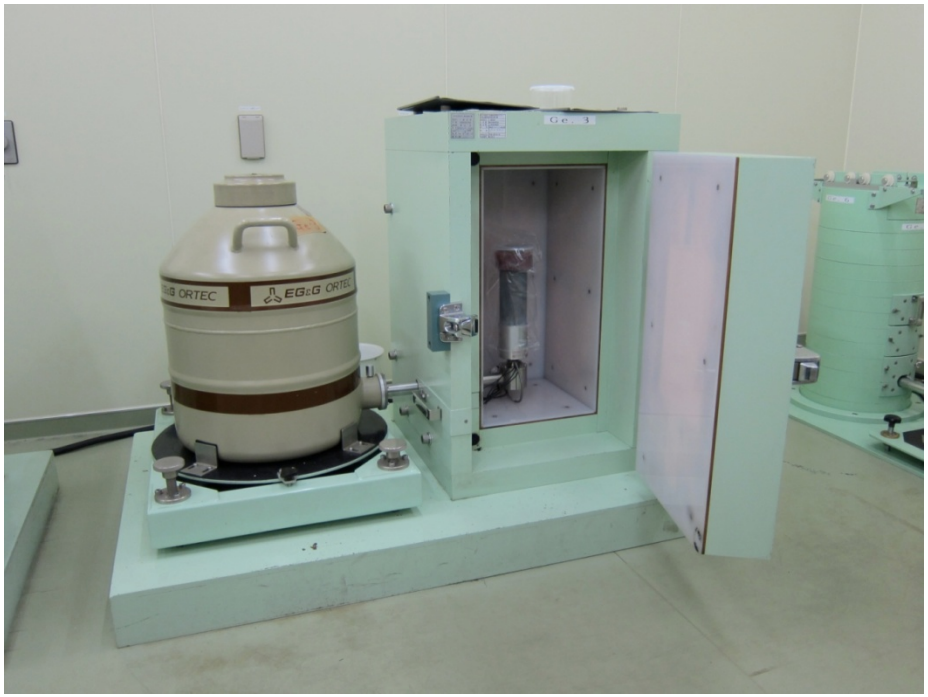

Fukushima
Tokyo

3. Monitoring of fishery products and its results

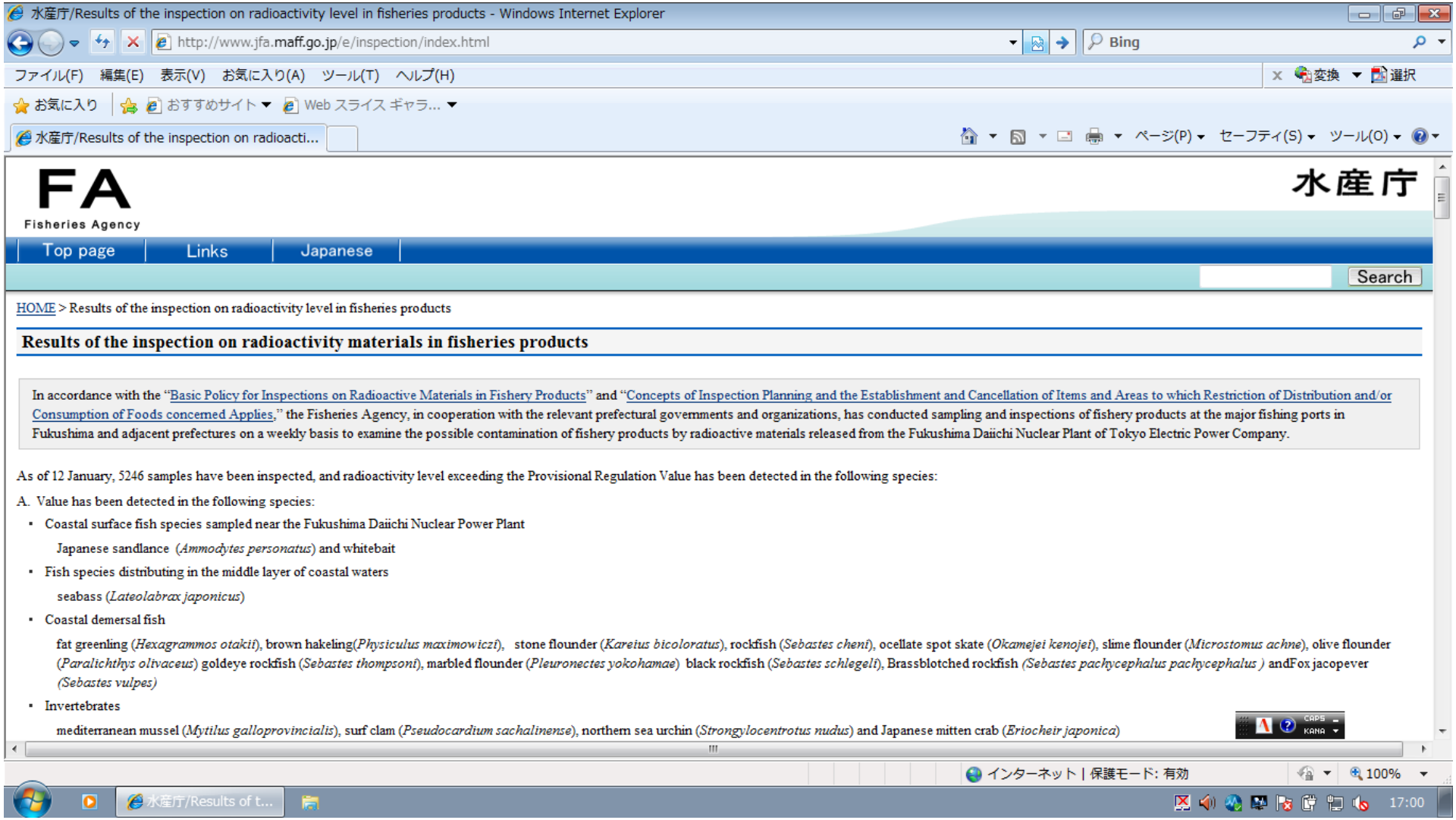
- The Fisheries Agency, in coordination with relevant prefectural governments and relevant fishery industries, has been promoting sampling programs to measure levels of radioactive substances in fishery products.
- Samplings have been carried out at major fishing ports once a week in principle for each major target species.


680km
Fukushima Daiichi & Daini
Nuclear Plants
1,190km

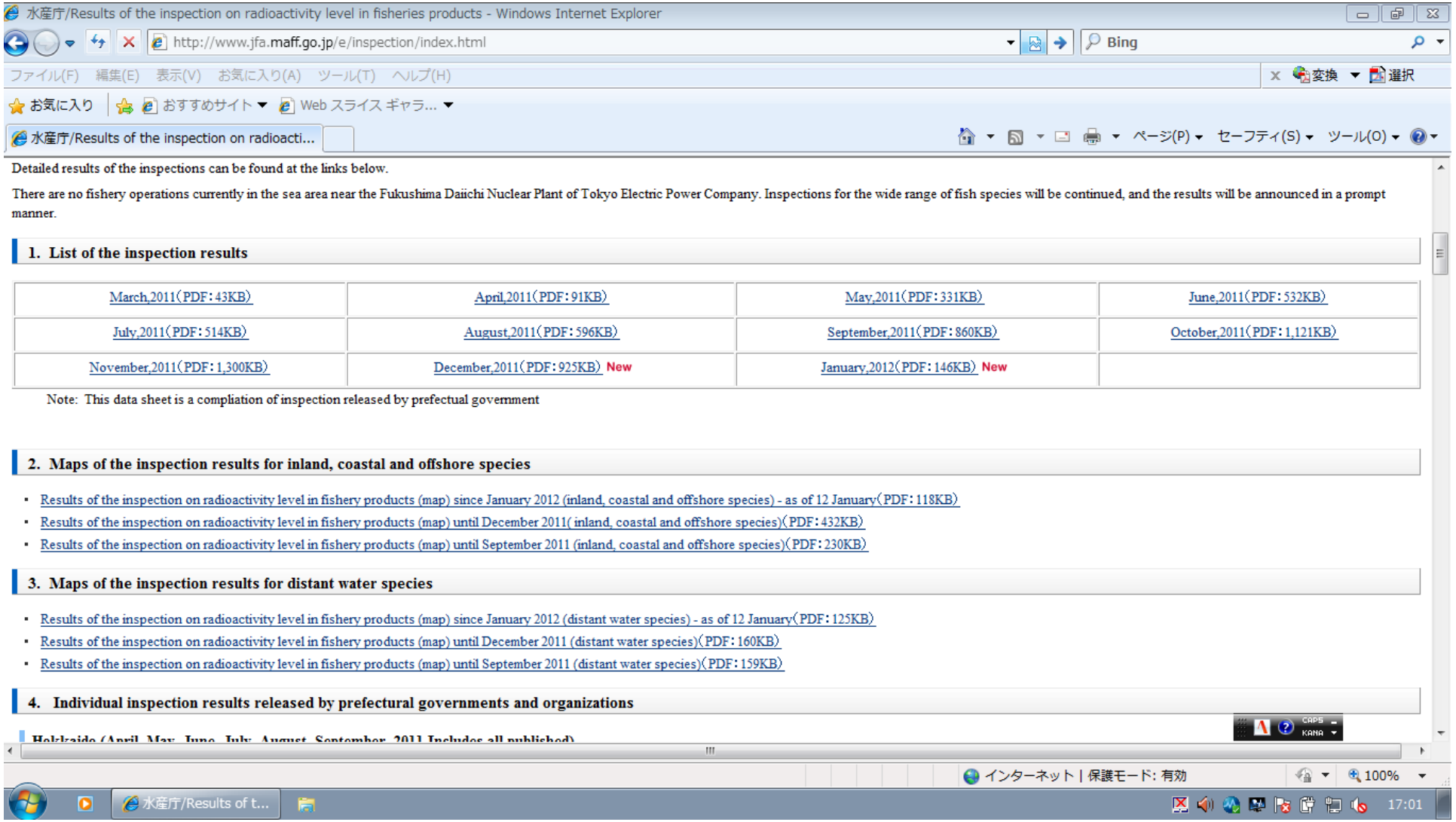

Summary of Inspection
For Radioactive Materials in Fisheries Products
AUG.~SEP.
JUL.~SEP.
Saury
Oyashio
Current
Mackerel
Salmon
JUL.~SEP.
OCT.~NOV.
Fukushima
Daiichi
Nuclear plant
Fukushima
Daini Nuclear
plant
OCT.~NOV.
Skipjack Tuna
APR.~JUN.
NOV.~DEC.
MAY~JUN.
Kuroshio
Current
Main Sampling Spot

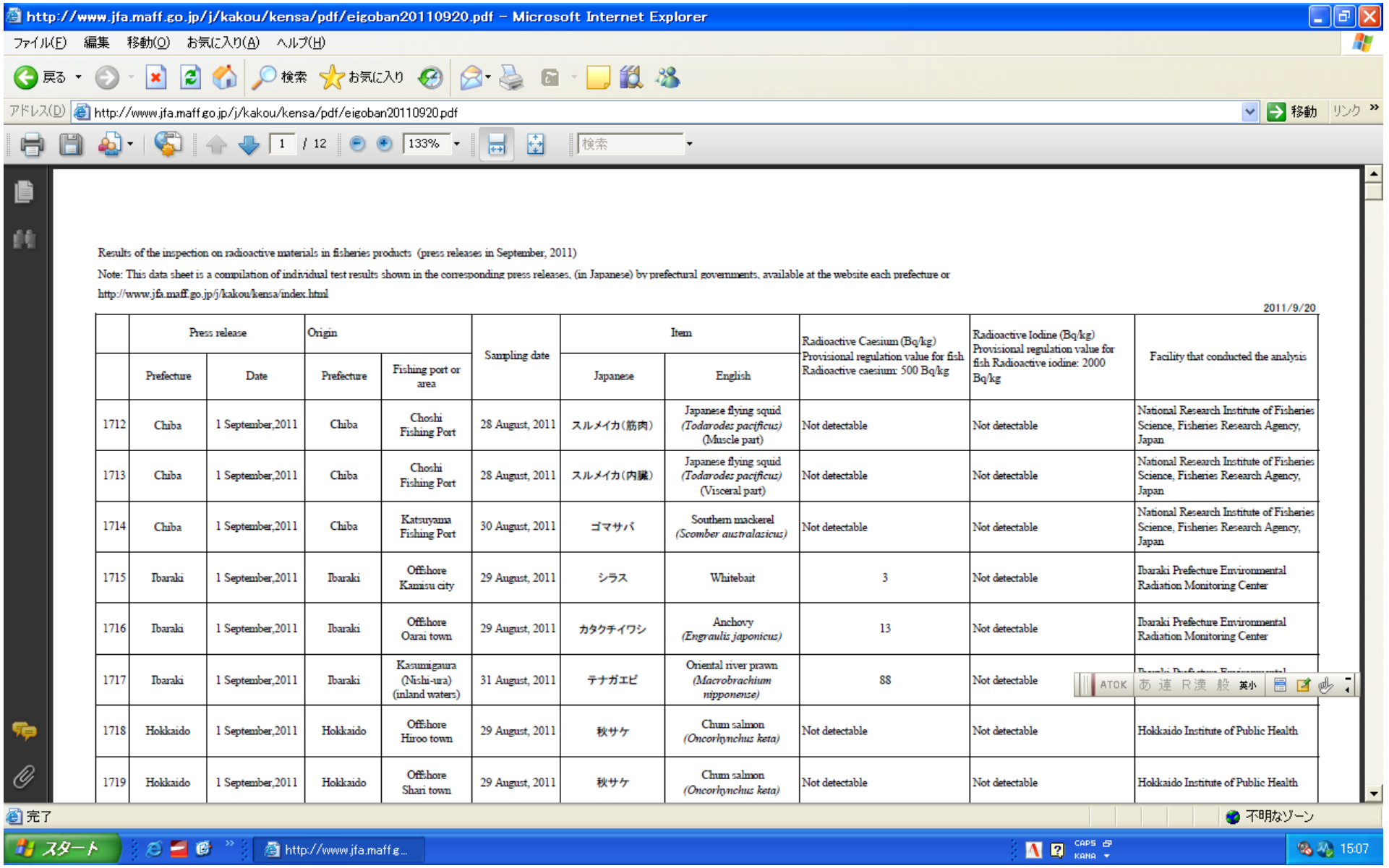


-Germanium Semiconductor Detector



http://www.jfa.maff.go.jp/e/inspection/index.html


水産庁/Results of the inspection on radioactivity level in fisheries products - Windows Internet Explorer
http://www.jfa.maff.go.jp/e/inspection/index.html
Bing
ファイル(F) 編集(E) 表示(V) お気に入り(A) ツール(T) ヘルプ(H)
お気に入り
水産庁/Results of the inspection on radioacti...
Detailed results of the inspections can be found at the links below.
There are no fishery operations currently in the sea area near the Fukushima Daiichi Nuclear Plant of Tokyo Electric Power Company. Inspections for the wide range of fish species will be continued, and the results will be announced in a prompt manner.
1. List of the inspection results
March,2011(PDF:43KB)
April,2011(PDF:91KB)
May,2011(PDF:331KB)
June,2011(PDF:532KB)
July,2011(PDF:514KB)
August,2011(PDF:596KB)
September,2011(PDF:860KB)
October,2011(PDF:1,121KB)
November,2011(PDF:1,300KB)
December,2011(PDF:925KB) New
January,2012(PDF:146KB) New
Note: This data sheet is a compliation of inspection released by prefectual government
2. Maps of the inspection results for inland, coastal and offshore species
Results of the inspection on radioactivity level in fishery products (map) since January 2012 (inland, coastal and offshore species) - as of 12 January(PDF:118KB)
Results of the inspection on radioactivity level in fishery products (map) until December 2011(inland, coastal and offshore species)(PDF:432KB)
Results of the inspection on radioactivity level in fishery products (map) until September 2011 (inland, coastal and offshore species)(PDF:230KB)
3. Maps of the inspection results for distant water species
Results of the inspection on radioactivity level in fishery products (map) since January 2012 (distant water species) - as of 12 January(PDF:125KB)
Results of the inspection on radioactivity level in fishery products (map) until December 2011 (distant water species)(PDF:160KB)
Results of the inspection on radioactivity level in fishery products (map) until September 2011 (distant water species)(PDF:159KB)
4. Individual inspection results released by prefectural governments and organizations
インターネット | 保護モード: 有効
100%
17:01

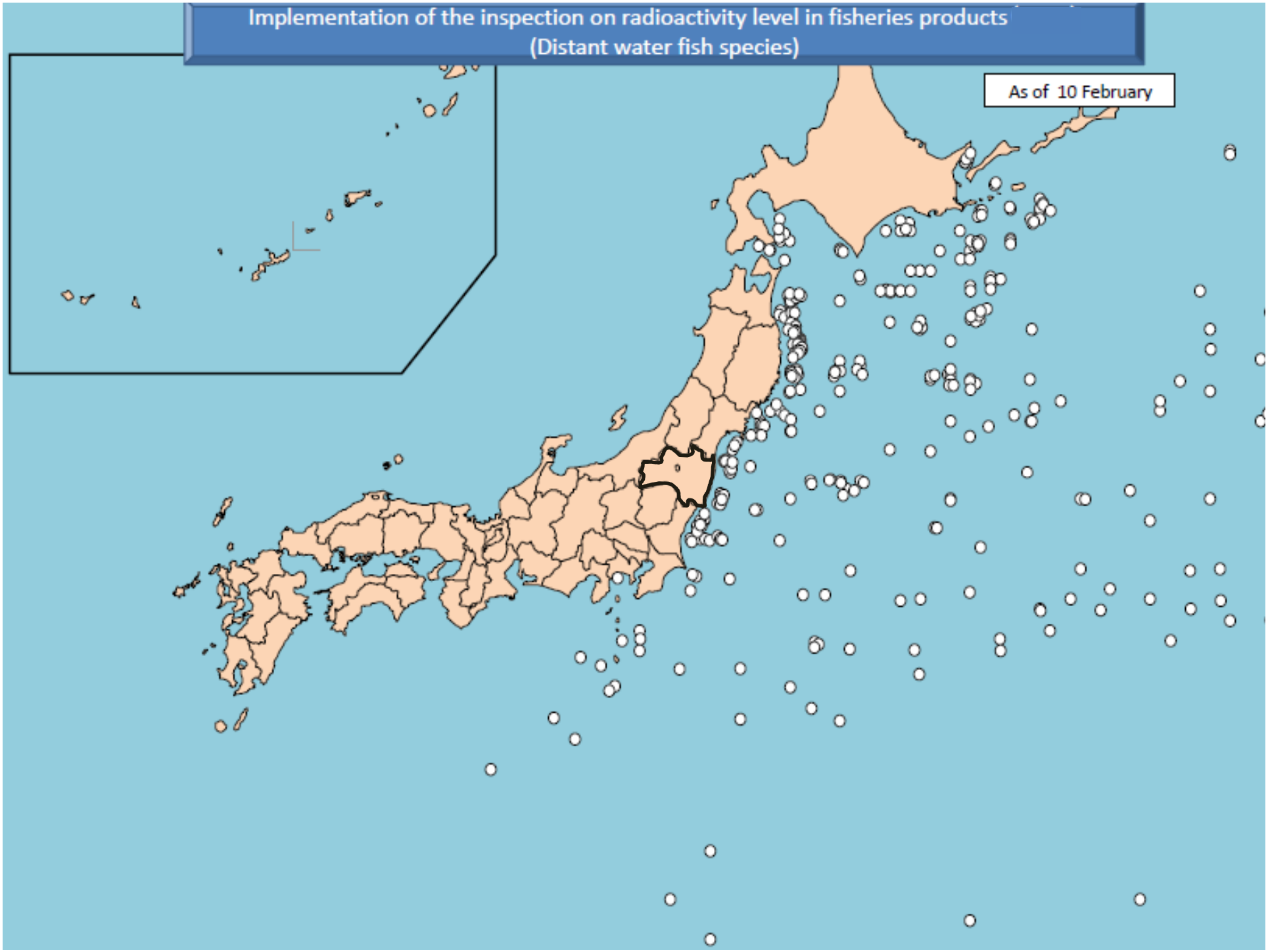


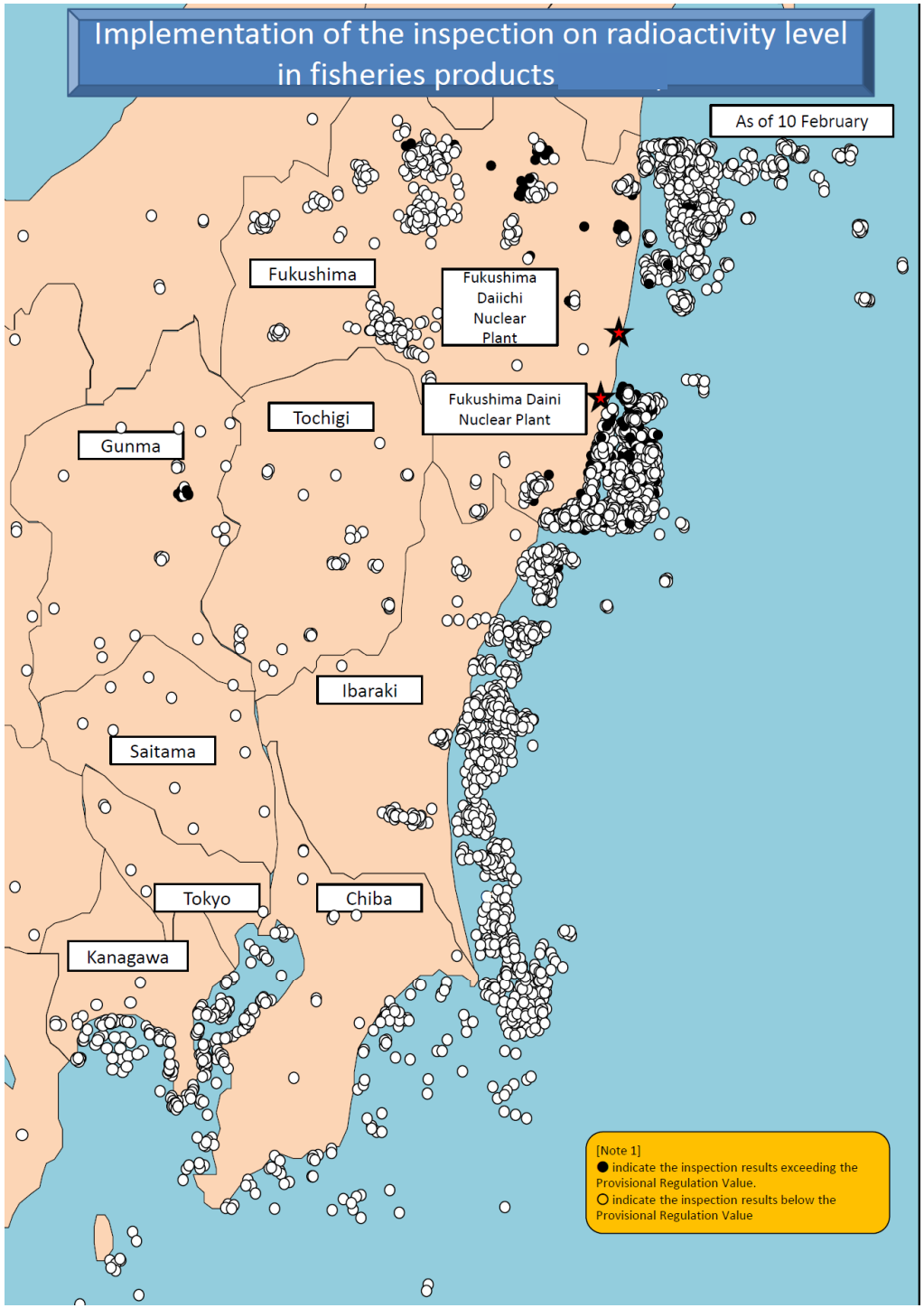
Results of the inspection on radioactive materials in fisheries products (press releases in September, 2011)

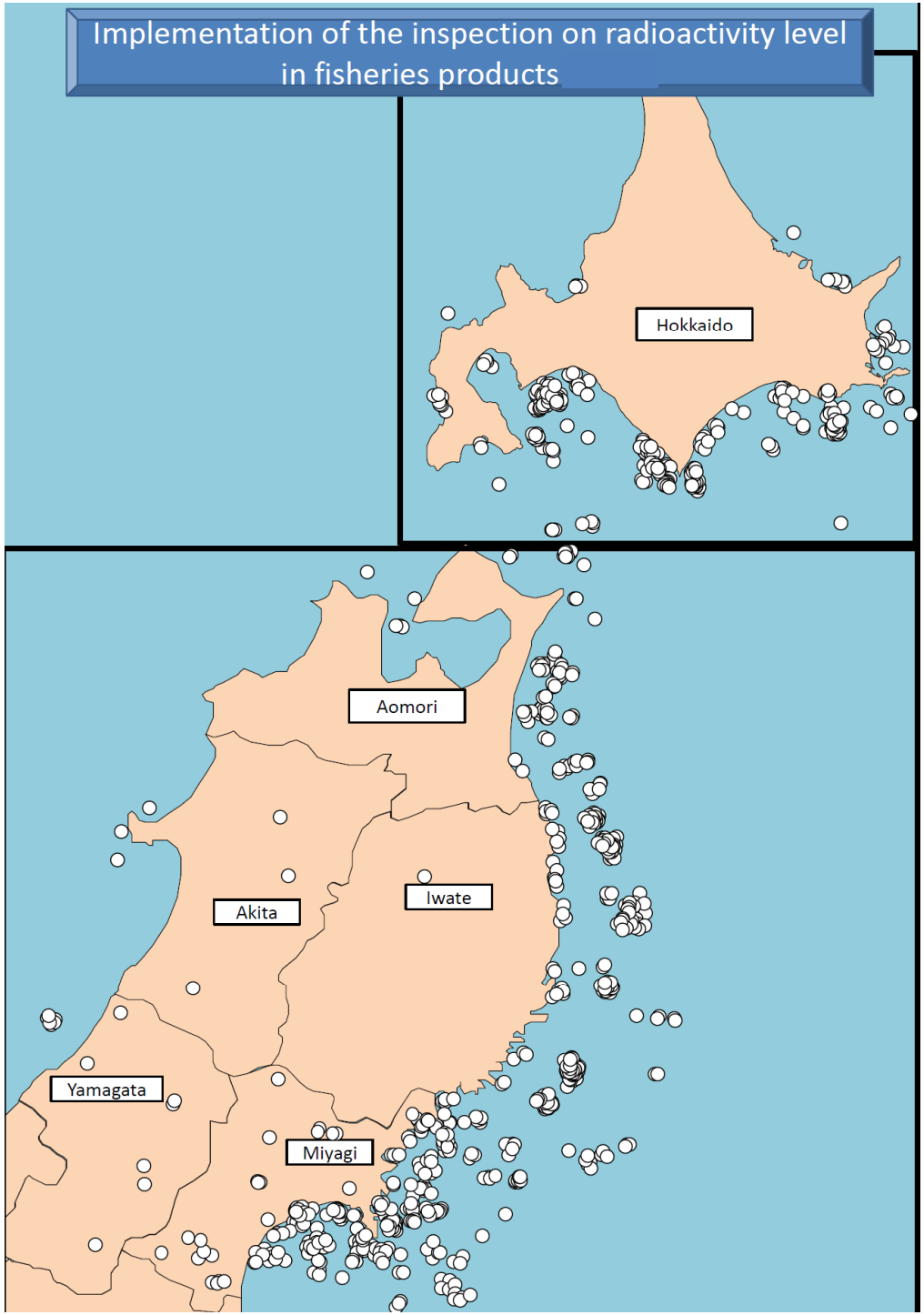
Note: This data sheet is a compilation of individual test results shown in the corresponding press releases, (in Japanese) by prefectural governments, available at the website each prefecture or http://www.jfa.maff.go.jp/j/kakou/kensa/index.html

2011/9/20

	Press release		Origin		Sampling date	Item		Radioactive Caesium (Bq/kg) Provisional regulation value for fish Radioactive caesium: 500 Bq/kg	Radioactive Iodine (Bq/kg) Provisional regulation value for fish Radioactive iodine: 2000 Bq/kg	Facility that conducted the analysis
	Prefecture	Date	Prefecture	Fishing port or area		Japanese	English			
1712	Chiba	1 September,2011	Chiba	Choshi Fishing Port	28 August, 2011	スルメイカ(筋肉)	Japanese flying squid *(Todarodes pacificus)* (Muscle part)	Not detectable	Not detectable	National Research Institute of Fisheries Science, Fisheries Research Agency, Japan
1713	Chiba	1 September,2011	Chiba	Choshi Fishing Port	28 August, 2011	スルメイカ(内臓)	Japanese flying squid *(Todarodes pacificus)* (Visceral part)	Not detectable	Not detectable	National Research Institute of Fisheries Science, Fisheries Research Agency, Japan
1714	Chiba	1 September,2011	Chiba	Katsuyama Fishing Port	30 August, 2011	ゴマサバ	Southern mackerel *(Scomber australasicus)*	Not detectable	Not detectable	National Research Institute of Fisheries Science, Fisheries Research Agency, Japan
1715	Ibaraki	1 September,2011	Ibaraki	Offshore Kamisu city	29 August, 2011	シラス	Whitebait	3	Not detectable	Ibaraki Prefecture Environmental Radiation Monitoring Center
1716	Ibaraki	1 September,2011	Ibaraki	Offshore Oarai town	29 August, 2011	カタクチイワシ	Anchovy *(Engraulis japonicus)*	13	Not detectable	Ibaraki Prefecture Environmental Radiation Monitoring Center
1717	Ibaraki	1 September,2011	Ibaraki	Kasumigaura (Nishi-ura) (inland waters)	31 August, 2011	テナガエビ	Oriental river prawn *(Macrobrachium nipponense)*	88	Not detectable	
1718	Hokkaido	1 September,2011	Hokkaido	Offshore Hiroo town	29 August, 2011	秋サケ	Chum salmon *(Oncorhynchus keta)*	Not detectable	Not detectable	Hokkaido Institute of Public Health
1719	Hokkaido	1 September,2011	Hokkaido	Offshore Shari town	29 August, 2011	秋サケ	Chum salmon *(Oncorhynchus keta)*	Not detectable	Not detectable	Hokkaido Institute of Public Health


Implementation of the inspection on radioactivity level in fisheries products
(Distant water fish species)
As of 10 February


Implementation of the inspection on radioactivity level in fisheries products
As of 10 February
Fukushima
Fukushima Daiichi Nuclear Plant
Fukushima Daini Nuclear Plant
Tochigi
Gunma
Ibaraki
Saitama
Tokyo
Chiba
Kanagawa
[Note 1]
● indicate the inspection results exceeding the Provisional Regulation Value.
○ indicate the inspection results below the Provisional Regulation Value

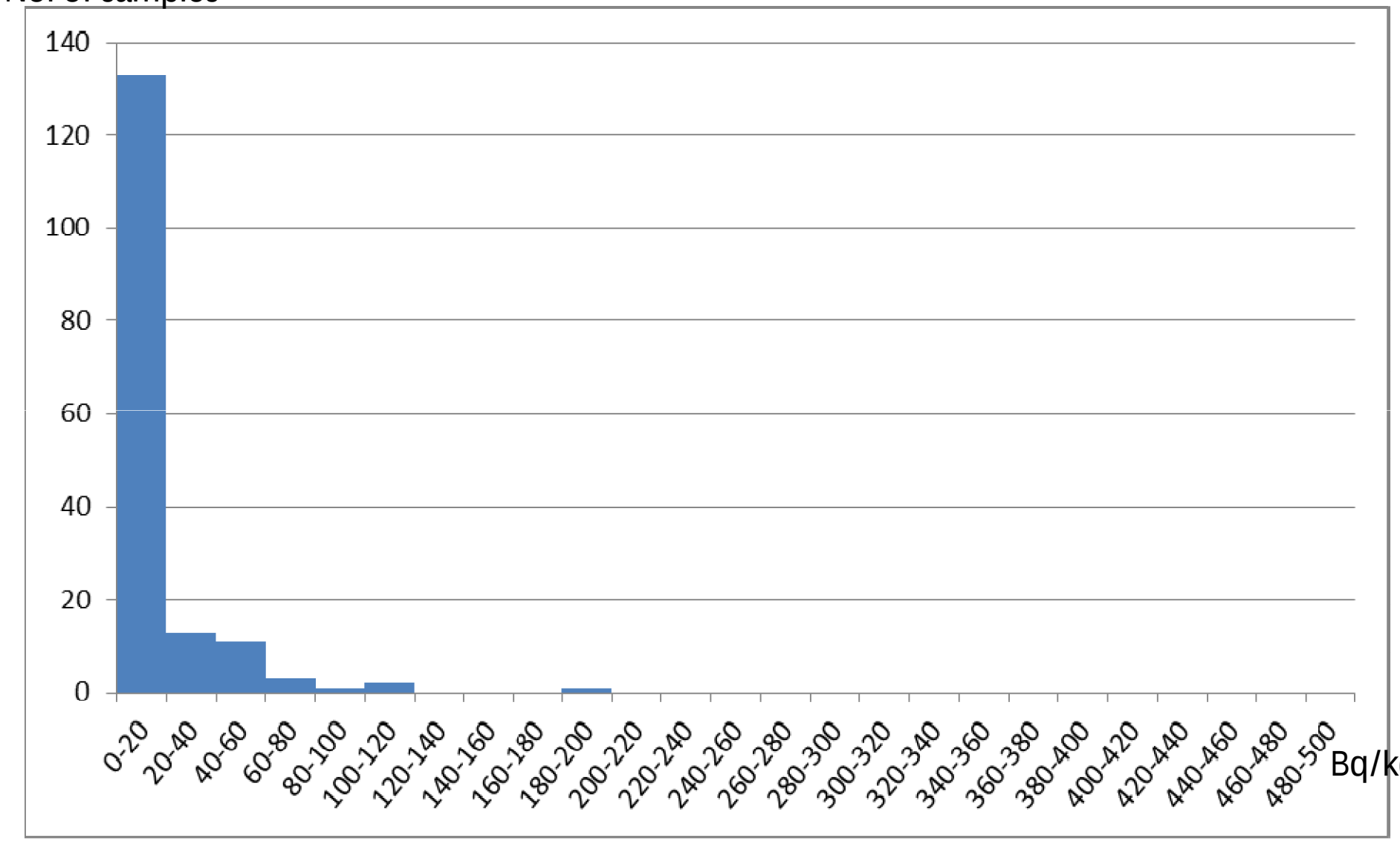

Implementation of the inspection on radioactivity level in fisheries products
Hokkaido
Aomori
Iwate
Akita
Yamagata
Miyagi

Summary of monitoring results (As of Feb. 24)

	2011										2012		
	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	total
saltwater fish													
surface fishery													
Japanese sandlance		11	1										12
whtie bait			3	1									4
middle water fishery													0
sea bass							1					1	2
bottom fishery													0
Brown Hakeling				2	1	1	2			2		2	10
Fat Greenling				3	4	2	1	2	3	4	4	9	32
Stone flounder				1		1	1		3				6
Ocellate spot skate					1	7	5	3	10	6	3	5	40
rockfish					3		1	2	3	3	1	1	14
slime flounder					1		1					5	7
Olive flounder					1	1	1		2		2	2	9
Goldeye rockfish					1	1	1	1		1	1		6
Marbled flounder						2		1	1	1		2	7
Black rockfish							1		1			2	4
Fox jacopever										1	1		2
Brassblotched rockfish										1			1
Sea raven												1	1
Poacher												2	2
Invertebrates													
Northern Sea urchin				3	2	1				1			7
Mediterranean mussel			1										1
Surf Clam				4									4
Japanese mitten crab				1									1
Seaweed													
Arame			1	2	2	1							6
Wakame			1										1
Hijiki			1										1
Fresh water fish													
Ayu sweetfish			2	10	4	2	3						21
Japanese smelt			2			2	1		3		1		9
Land-locked cherry salmon			3	5				1					9
Japanese dace			1	2			1		2				6
white spotted char				1			1		1		1		4
willow gudgeon					1								1
No. of exceeding the Provisional Regulation Values	0	11	16	35	21	21	21	10	29	20	14	32	230
No. of samples	15	196	246	406	395	472	702	917	1083	765	559	1013	6769

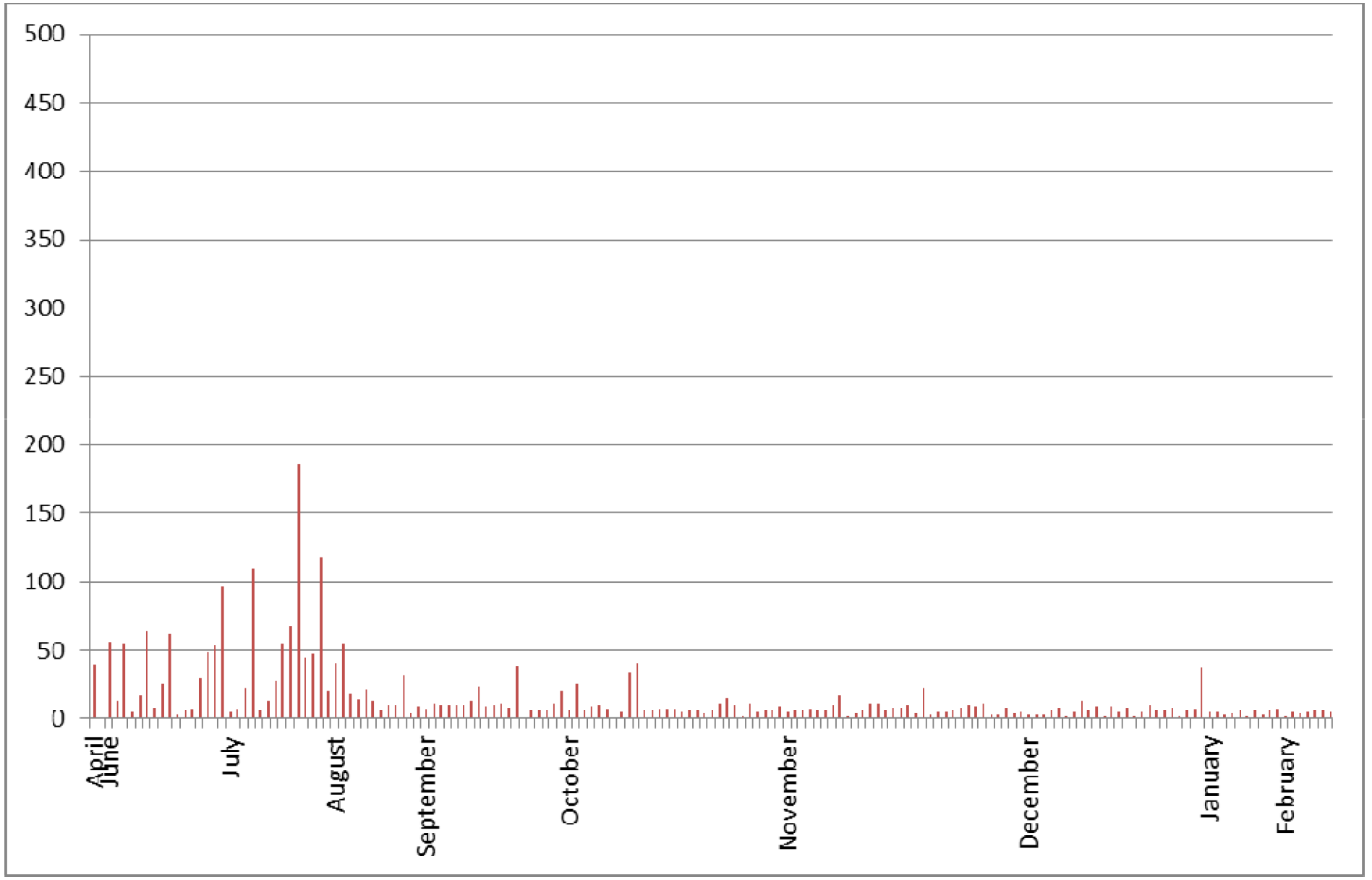
Data source: http://www.jfa.maff.go.jp/e/q_a/index.html

Inspection results of mackerels (As of Feb. 24)



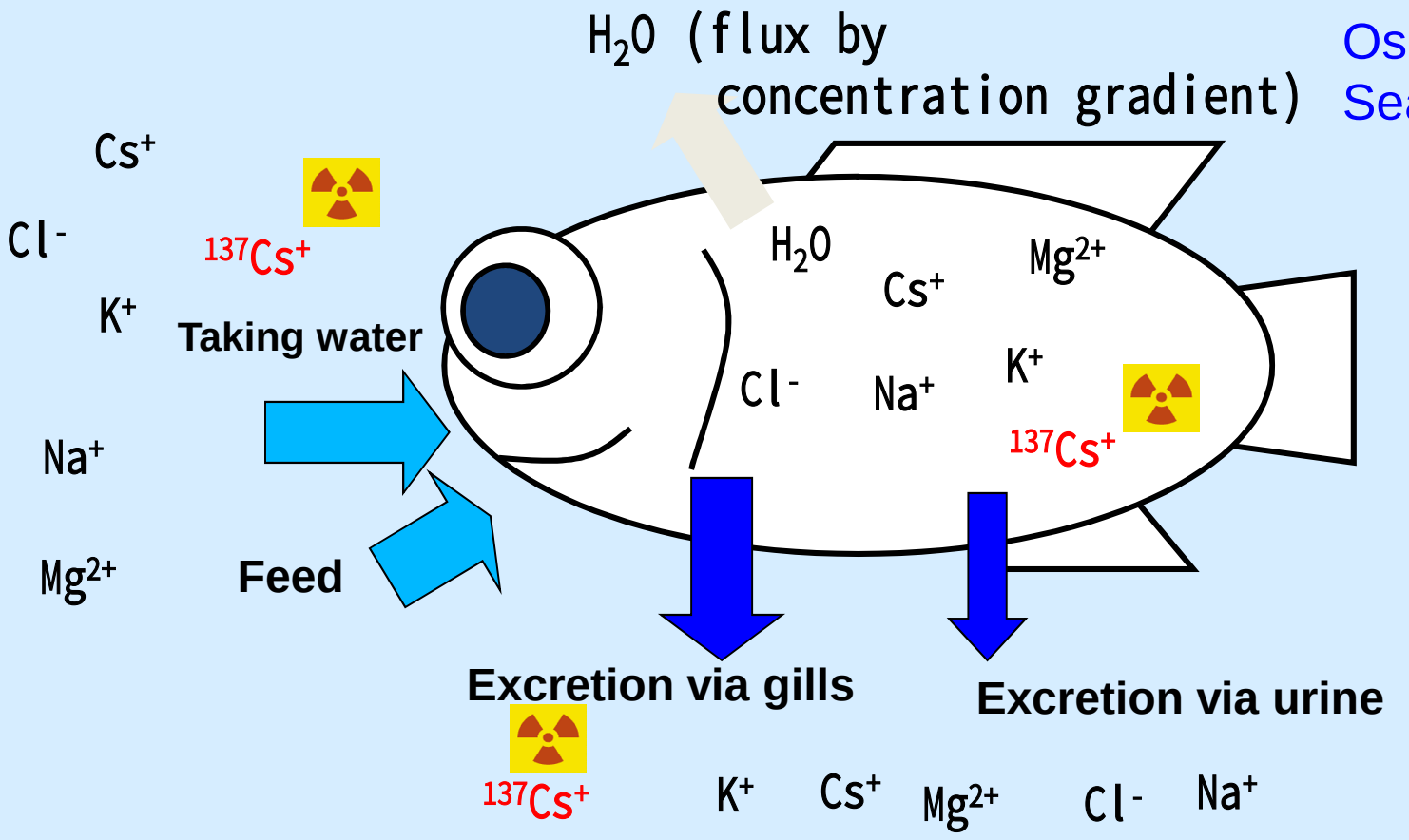
Note: 21 samples which are lower than detection limit are not included

Inspection results of Mackerels (As of Feb.24)



Note: 21 samples which are lower than detection limit are not included

The flow of salts in marine fish body



- Radionucleotides are excreted, not accumulated
- The radioactive concentration in fish depends on the concentration of feed and sea water

Ref: Fundamental physiology of fish Edit. K. Aida,

4. Restriction of Fishing Activities and Market Distribution

- In case where a sampling measurement for a species detects radioactive substances exceeding the Provisional Regulation Values, related fishing activities and landing of that species are immediately suspended.
- If an area where radioactive substances in samples of the species exceed the Provisional Regulation Values is considered to expand, shipment of the products of the species from the expanded area is suspended .

- ✓ Such suspension can only be lifted after all the sampling measurements for the species at more than three sampling spots in the last one month show below the Provisional Regulation Values.

Current situation near Fukushima (coastal areas)

- Fukushima Area

  No fishing activities have been conducted.

- Miyagi Area

  Part of fishing activities resumed, after all the sampling results of species to be caught are confirmed to be below the Provisional Regulatory Values.

- Ibaraki Area

  Part of fishing activities resumed, after all the sampling results of species to be caught are confirmed to be below the Provisional Regulatory Values.

  Fishing activities for Brown Hakeling have been suspended since sampling measurements showed that the result exceeded the Provisional Regulatory Values.

http://www.maff.go.jp/e/oishii/ingredients/seafood.html