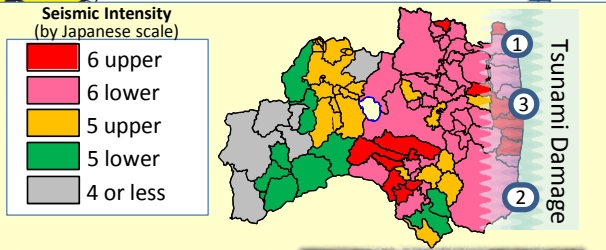


Triple Disaster

Earthquake, tsunami and nuclear accident of **March 11, 2011**



The Great East Japan Earthquake occurred on March 11, 2011 at 14:46. Centered off the Sanriku coast in North Eastern Japan, its magnitude was a record high of M9.0, measuring a 7 on the JMA seismic intensity scale. Heavy shaking resulted in a large tsunami that struck a wide area along the coast.

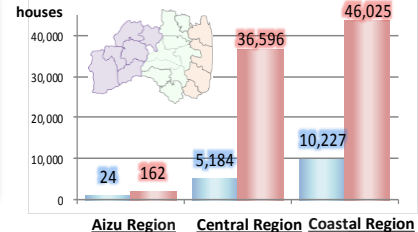


Disaster status after the earthquake and tsunami [as of 5 Mar., 2019]

Fatality : 4,097 people
(This number includes 2,268 disaster-related deaths)
Missing : 2 people

[Housing Damage by region]

Totally destroyed	15,435
Half destroyed	82,783



Police officers carry out search and rescue operations using heavy machinery (March 2011, Soma City)

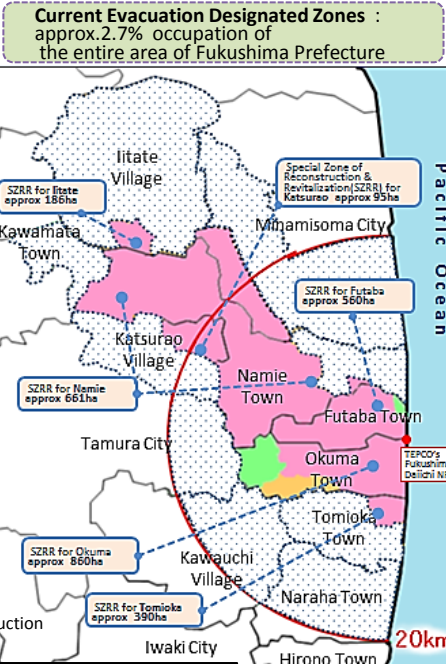
Yotsukura Bay struck by the tsunami (March 11, 2011, Iwaki City)

Status of housing damage (Ukedo district, Namie Town)

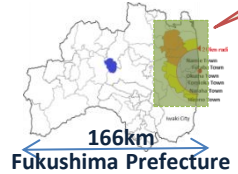
Evacuation Designated Zones

The areas under evacuation orders have changed such as with the lifting of the orders.

- Difficult-to-return zone
- Restricted residence zone
- Evacuation order cancellation preparation zone
- Areas where evacuation orders have been lifted.



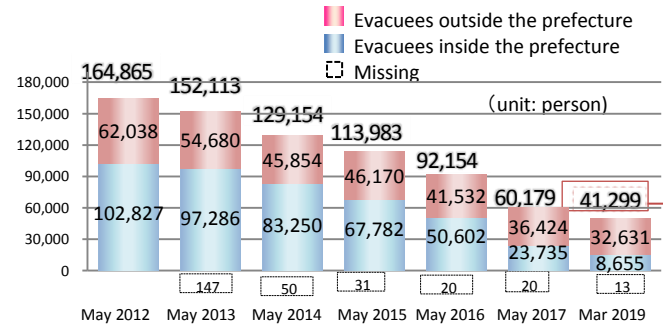
Reconstruction projects in the difficult-to-return zone have started since 2017. (See SZZR* on the map)



*SZZR: Special Zone of Reconstruction & Revitalization

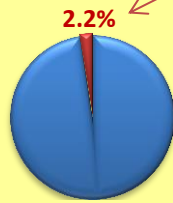
Transition of evacuees

Nearly 43 thousand people from Fukushima continue to live as evacuees (Earthquake, Tsunami, NPS accident)



Reference

Numbers of evacuees are about **2.2%** of the prefecture's entire population:
1,861,839 people
(Nov 2018)



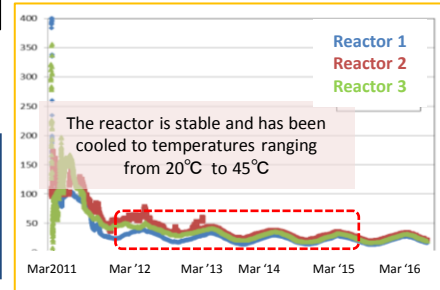
Current situation at TEPCO Fukushima Daiichi Nuclear Power Station

(As of December 2016, TEPCO's data)



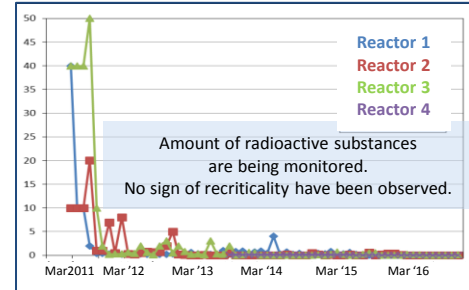
Reactor temperature

Temperature inside containment vessel air conditioners(°C)



Amount of radioactive substances

Amount of radio cesium per hour dispersed from the nuclear reactor buildings (1 mil. Bq)

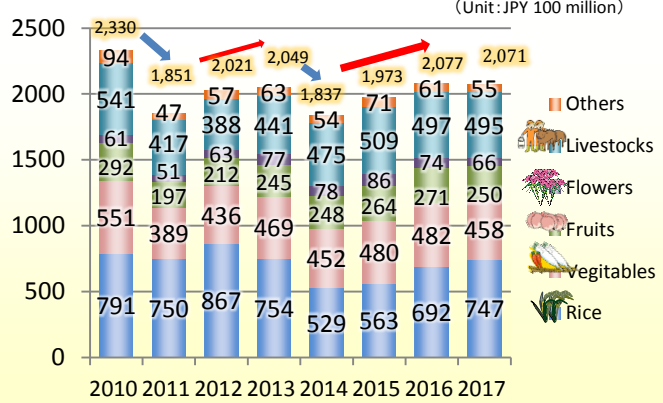


Situation of the agricultural, forestry, and fishery Industries



Production values for the agricultural, forestry, and fishing industries have decreased since the disaster, March 2011. The prefecture is putting the upmost effort into a variety of activities to revitalize the agricultural, forestry, and fishery industries, which will in turn contribute to helping rebuild the livelihoods of disaster-affected citizens. Activities include PR campaigns introducing qualities of Fukushima products along with the systems in place to ensure food security and safety.

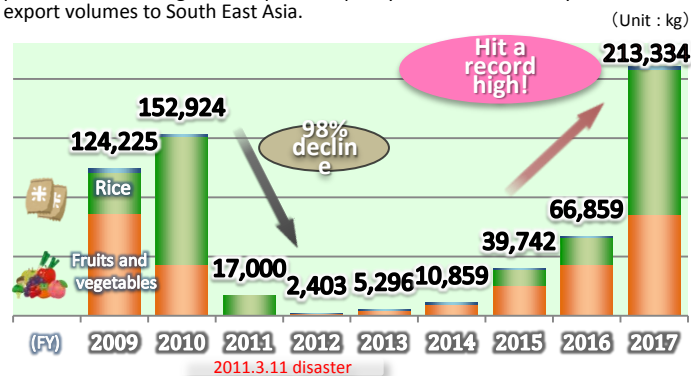
◆ Amount of agricultural produce



※In terms of rice, crop acreage and yield increased after 2012, but in 2014 and 2015, the nationwide rice price sharply dropped and the rice output also significantly dropped in the prefecture, as well.

◆ Changes in exports of agricultural and fisheries products from Fukushima

Immediately after the disaster export volumes dropped by about 90%. In spite of that, our efforts for safety and confidence recovery within the prefecture and recognition of product quality has lead to a steady increase in export volumes to South East Asia.



Monitoring of Fukushima's agricultural, forestry and fishery products

Fukushima's primary products undergo monitoring inspection before being shipped. Any product that is found to exceed the safety standard is banned from being shipped based on the product type and produced area. **Products being distributed are confirmed to be safe.**

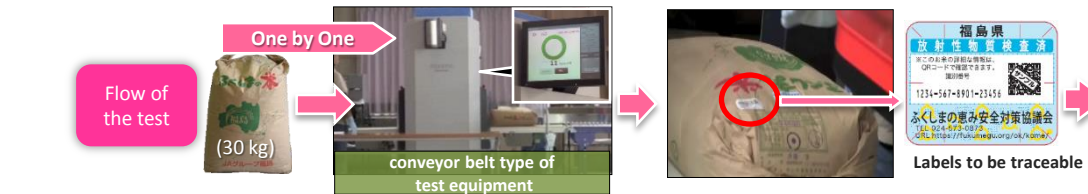
◆ Test results on all rice in all rice bags

(2018.8.21-2018.10.31)

Brown rice Year 2018 production	Total No. of samples	No. of samples exceeding safety standard limits	Proportion of samples exceeding safety standard limits
	Approx. 6.60 million	0	0.00%

Test results are released to the public.

<https://fukumegu.org/ok/co ntents/>



◆ Inspection results

(2018.4.1-2018.10.31)

Classification	Total No. of samples	No. of samples exceeding standard limits	Proportion of samples exceeding standard limits
Vegetables & Fruits	2,051	0	0.00%
Livestock products	2,531	0	0.00%
Cultivated edible plants & mushrooms	699	0	0.00%
Marine fishery products	3,422	0	0.00%
Fresh water farmed fish	34	0	0.00%
Wild edible plants & mushrooms	683	1(*)	0.15%
Fresh water fishery products	724	3(*)	0.41%

Category	Reference Safety standard limits for radioactive cesium (Unit: Bq/kg)	
	Japan	EU
General foods	100	1,250
Milk	50	1,000
Infant foods	50	400
Drinking water	10	1,000

Data: Consumer Affairs Agency (Govt. of Japan)

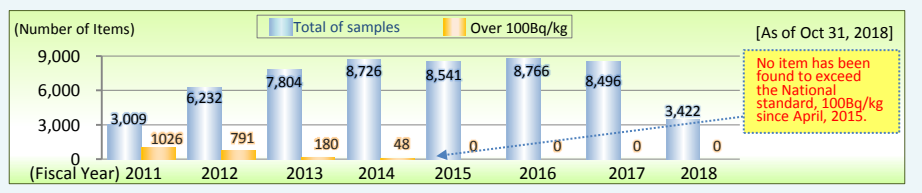
Inspection: Fukushima prefecture is carrying out these inspections based on national guidelines.

*Voluntary inspections by the fisheries cooperative association screened out a sample exceeding the standard limits (100Bq/kg)

Marine fish and shellfish monitoring inspection



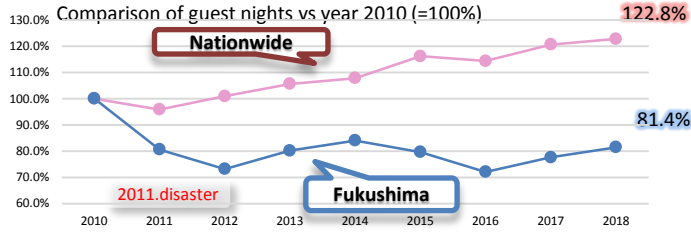
State of voluntary inspections by the fisheries cooperative association.



Tourism to date

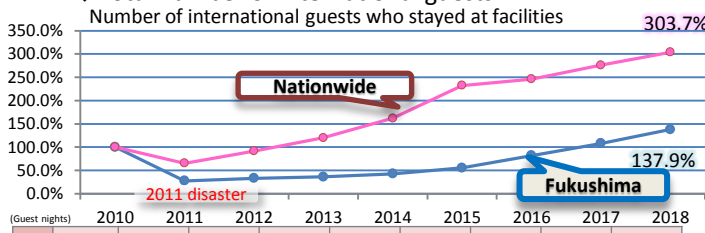
We hope that many people will visit Fukushima prefecture and see our situation steadily moving forward toward revitalization.

Tourists' accommodation



	2010	2011	2012	2013	2014	2015	2016	2017	2018
Nationwide	216,384,110	207,382,740	218,313,430	228,502,930	233,210,970	251,308,060	247,403,020	260,976,900	
Fukushima	6,359,610	5,124,410	4,651,110	5,098,920	5,341,020	5,061,810	4,581,850	4,935,340	

Total number of international guests



	2010	2011	2012	2013	2014	2015	2016	2017	2018
全国	26,023,000	17,015,780	23,822,510	31,242,220	42,072,820	60,509,240	64,066,730	72,933,660	79,038,520
福島	87,170	23,990	28,840	31,300	37,150	48,090	71,270	96,290	120,250

[Data] Japan Tourism Agency The Survey of Tourist Accommodation Tourism Promotion Bureau, Fukushima Prefectural Government



Tokyo 2020 Olympic Games Torch Relay to start from Fukushima Prefecture / Games to commence with a softball game in the prefecture

It has been finalized that the Tokyo Olympic Torch Relay will be kicked off from Fukushima Prefecture on March 26, 2020. Additionally, the schedule for the opening games of softball matches was released. They will take place at the Fukushima Azuma Baseball Stadium on July 22, two days before the opening ceremony of the Olympic Games. Ahead of all other matches it has also been decided that opening games of baseball matches will take place in the prefecture as well.

The Tokyo Olympic and Paralympic Games will be held as the Reconstruction Olympic Games. The Prefectural Government will take that opportunity to show the appreciation for support from around Japan and the world and how Fukushima is progressing towards revitalization in the wake of the disaster.



Fukushima Airport - Operation of regular chartered flights to and from Taiwan has been decided.

Vice Governor Hata visited Far Eastern Air Transport based in Taiwan in December, 2018. There, he asked for the future operation of chartered flights, and reached an agreement for a 2 year operation of regular chartered flights from April, 2019. The prefectural government makes a commitment to promote further operations of international chartered flights.

2018.12.25
Taipei, Taiwan



At the Far Eastern Air Transport Company

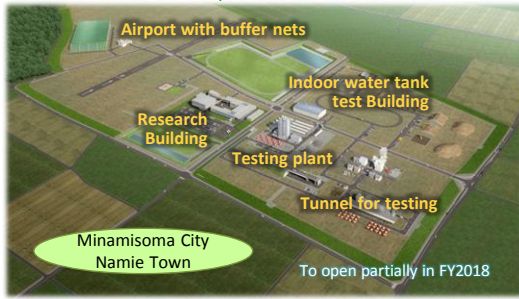
Fukushima Innovation Coast Framework

Fukushima Innovation Coast Framework aims to create a new industrial base in the coastal region in order to revitalize industries affected by the Great East Japan Earthquake, Tsunami and nuclear disaster.

Construction of hubs for research and development

Fukushima Robot Test Field

This is an unprecedented research and development hub where R&D, demonstrative tests, performance assessments and operational training for use of robot and drones for land, sea and air will take place.



Construction of an Aerial-drone Area; Infrastructure inspection and disaster response area; On-water and under water robot area; and R&D infrastructure area is planned at a site extending 1,000 m east-west and 500 m north-south in Minamisoma City's Revitalization Industrial Park. There are also plans to construct a runway for long distance flight tests in Namie town's Tanashio Industrial Park.

Hub facilities for decommissioning research

International Decommissioning Joint Research Center, International Joint Research Building



Okuma Analysis and Research Center (Laboratory for analysis and research of radioactive substances)



Naraha Remote Technology Development Centre (mock-up Centre)



Education & promotion of industrial cluster

Education and fostering of human resources so that the next generation will be able to bear the burdens of the future and promote the industrial cluster.



Accumulation of knowledge related to revitalization



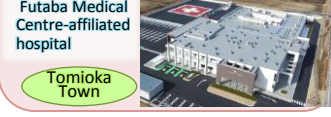
Promotion of development of the environment

Operation of new local route bus



Shin Joban Kotsu Bus operation Co. started Iwaki-Tomioka lane in April 2017.

New Hospital



Futaba Medical Centre-affiliated hospital
Tomioka Town

Hub facility for archiving of the Great East Japan Earthquake, Tsunami & Nuclear Disaster

Construction of hub facility for the archiving of material related to the Great East Japan Earthquake, Tsunami and Nuclear Disaster



Archive center
Futaba Town
Scheduled to open in FY2020

Enhancement of regional cooperation by various entities

Efforts through collaboration among Soft Bank, Innovation Coast Framework Promotion Organization and Fukushima Prefectural Government



Programming session



Fukushima Prefecture
 ○ Capital : Fukushima City
 ○ Population : 1,857,366 (Feb. 2019)
 ○ Area : *13,783km²
 (*Evacuation designated zones: 371km²)

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Fukushima Revitalization Station

- Portal site of revitalization progress -

<http://www.pref.fukushima.lg.jp/site/portal-english/>

