

# Steps for Revitalization in Fukushima

March 29th, 2021 edition

## Cherry blossom tunnel in the Yonomori district

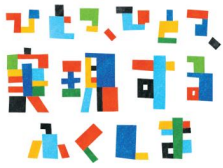
Beautiful cherry trees continue to bloom as though they too are praying for the town's revitalization.



[ Tomioka Town ]



Fukushima  
Prefecture



# Steps for Revitalization in Fukushima

◇ March 29th, 2021 edition ◇

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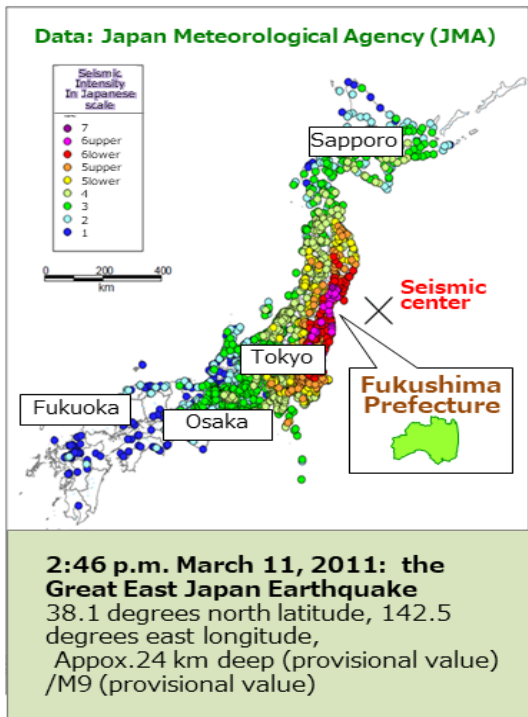
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# Fukushima Prefecture disaster situation ①

## [Earthquake and tsunami damage]

The Great East Japan Earthquake occurred on March 11, 2011. 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. It caused serious damage to the entire Prefecture with heavy shaking and a large tsunami that struck a wide area along the coast.

### Disaster status after the earthquake and tsunami



#### ◆ Disaster status in Fukushima Prefecture [As of 2021.3.5]

- Deaths 4,151 (This number includes 2,320 disaster-related deaths\*)
  - Missing 1
- \*Disaster-related deaths are not caused directly by the disaster, but occur afterwards due to indirect causes including stress and decline in health from living as evacuees.

#### ◆ Status of housing damage [As of 2020.12.7]

- Totally destroyed: 15,435 houses
- Half destroyed: 82,783 houses



#### ◆ Cost of damage in Fukushima Prefecture [As of 2020.7.6]

Reported cost of damage for public works facilities	About JPY 316.2 billion
Reported amount of damage on agricultural, forestry and fishery facilities	About JPY 275.3 billion
Reported amount of damage on educational facilities	About JPY 37.9 billion
Total of reported amount of damage on public facilities	About JPY 629.4 billion

■ Areas under the jurisdiction of the prefectural government: for the 30km radius surrounding the Fukushima Daiichi Nuclear Power Station (F1NPS), damage costs were estimated based on aerial photographs.

■ Areas under the jurisdiction of municipalities: Excludes approximate cost of damage for a part of Minamisoma City and 8 municipalities located in the Futaba area.



### Nuclear disaster

#### ■ Nuclear power station accident

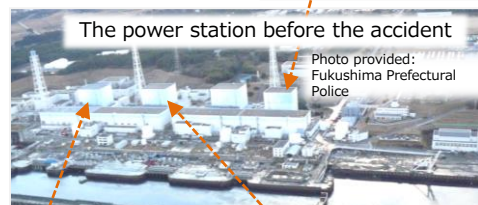
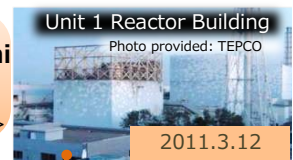
The earthquake caused the loss of the external power supplies at TEPCO's Fukushima Daiichi Nuclear Power Station. The subsequent tsunami disabled emergency power supplies, which led to a loss of the cooling functions for Units 1 to 3 reactors. Because of this, fuel rods were damaged and explosions occurred by the produced hydrogen. As a result, a massive amount of radioactive substances was released.

#### ■ Effects of the release of radioactive substances

Evacuation orders were issued by the central government in order to protect residents from exposure to the released and spreading of radioactive substances and more than 160,000 residents were forced to evacuate. Fukushima suffered damage from the halt of shipping and production due to contaminated farm products, farm land, sea food and materials, and from harmful rumors including a decrease in market prices of Fukushima's products and a huge drop in the number of tourists.

#### TEPCO's Fukushima Daiichi Nuclear Power Station

<Immediately after the accident>







# Fukushima Prefecture disaster situation ② [Evacuation]

The number of evacuees peaked in May 2012 at 164,865 and has since decreased, and roughly over 36 thousand people are currently under evacuation. The evacuation orders issued to the evacuation-designated zones have gradually been lifted. Additionally, reconstruction and revitalization in the Difficult-to-Return zones have steadily been progressing based on the Plans for Reconstruction and Revitalization for Special Zones.

## Areas to which evacuation orders have been issued in the wake of nuclear power station (NPS) accident

### ■ Lifting of evacuation orders and reorganization of the restricted status in the past

#### [2014]

- Apr 1 **Tamura City:** Evacuation orders have been lifted for the Evacuation Order Cancellation Preparation Zone.
- Oct 1 **Kawauchi Village:** Evacuation orders have been lifted for the Evacuation Order Cancellation Preparation Zone. The Restricted Residence Zone was reorganized as the Evacuation Order Cancellation Preparation Zone.

#### [2015]

- Sep 5 **Naraha Town:** Evacuation orders have been lifted for the Evacuation Order Cancellation Preparation Zone.

#### [2016]

- June 12 **Katsurao Village:** Evacuation orders have been lifted for the Restricted Residence Zone & the Evacuation Order Cancellation Preparation Zone.
- June 14 **Kawauchi Village:** Evacuation orders have been lifted for the Evacuation Order Cancellation Preparation Zone.
- July 12 **Minamisoma City:** Evacuation orders have been lifted for the Restricted Residence Zone & the Evacuation Order Cancellation Preparation Zone.

#### [2017]

- Mar 31 **Kawamata Town, Namie Town and Iitate Village:** Evacuation orders have been lifted for the Restricted Residence Zone & the Evacuation Order Cancellation Preparation Zone.
- Apr 1 **Tomioka Town:** Evacuation orders have been lifted for the Restricted Residence Zone & the Evacuation Order Cancellation Preparation Zone.

#### [2019]

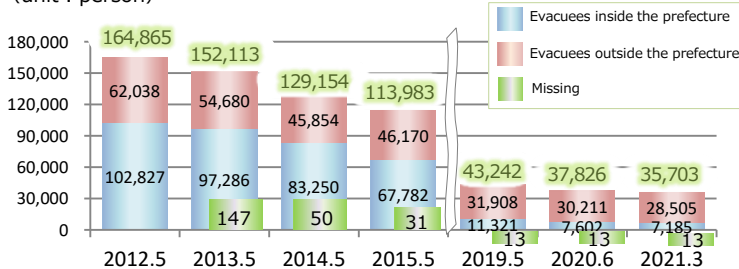
- Apr 10 **Okuma Town:** Evacuation orders have been lifted for the Restricted Residence Zone & the Evacuation Order Cancellation Preparation Zone.

#### [2020]

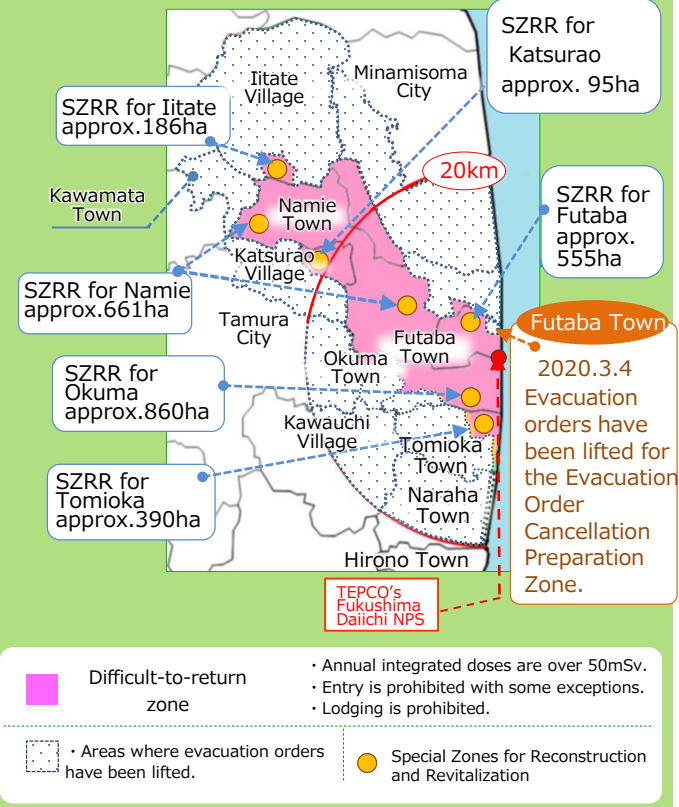
- Mar 4 **Futaba Town:** Evacuation orders have been lifted for the Evacuation Order Cancellation Preparation Zone & Difficult-to-return Zone (around Futaba Station).
- Mar 5 **Okuma Town:** Evacuation orders have been lifted for the Difficult-to-return Zone (around Ono Station).
- Mar 10 **Tomioka Town:** Evacuation orders have been lifted for the Difficult-to-return Zone (around Yonomori Station).

### ◆ Transition of evacuees: Earthquake, Tsunami, NPS accident

(unit : person)



## Target for lifting evacuation orders in the Evacuation-designated Zone/Special Zones for Reconstruction and Revitalization



### ◆ Approved plans for the Reconstruction and Revitalization of the Special Zone

Following the revision of the Act for Special Measures for the Reconstruction and Revitalization of Fukushima (May, 2017), the national government was able to designate special zones for reconstruction and revitalization (SZRR). (MAP ● )

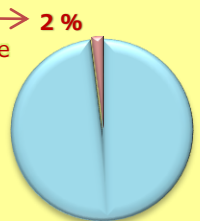
- Futaba Town (9.15 2017)
- Okuma Town (11.10 2017)
- Namie Town (12.22 2017)
- Tomioka Town (3.9 2018)
- Iitate Village (4.20 2018)
- Katsurao Town (5.11 2018)

## Numbers of evacuees v.s. prefecture's entire population

Evacuees : Fukushima's entire population

**35,703 : 1,819,236**

(As of Mar 2021) (As of Feb 2021)





# Reconstruction of the livelihood of disaster-affected citizens

The prefectural government is working to create an environment where evacuees can return home with peace of mind by establishing medical and caregiving services, as well as, housing and shopping facilities.

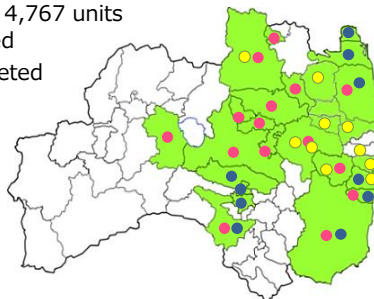
## Reconstruction of housing environment

### Construction of Revitalization Public Housing, etc.

The prefectural government is continuing to build Revitalization Public Housing in order to provide evacuees and those affected by the disaster with housing stability. In the wake of the nuclear power station accident, the prefectural government is taking the initiative for this project, and is planning to construct a total of 4,890 housing units.

#### [ Progress of business investment by municipality ]

- For nuclear disaster evacuees 4,767 units completed/4,890 units planned
- For returnees 564 units completed /688 units planned
- For earthquake and tsunami affected people All 2,807 units completed



[As of 2020.6.30]

### Futaba Medical Center-affiliated Hospital was opened in April, 2018.

Futaba Medical Center-affiliated hospital operates as a secondary emergency medical facility in Futaba district accepting patients 24/7, 365 days a year (including on public holidays).

It also provides medical services required in communities including home-visit caregiving in order to support an environment where residents and people engaged in revitalization-related projects can live and work with peace of mind, from the aspect of medical services. In October, 2018, a multi-purpose medical helicopter started operation.

The operation allows us to transport patients between a medical institution in the coastal region and Fukushima Medical University which is capable of providing highly expertized treatment.



Futaba Medical Center affiliated hospital



Inside the helicopter

### Police activities to protect the safety of affected people

After the disaster, Fukushima Prefecture has received support from many police officers around Japan.

The police nicknamed "Ultra Police Force" have continued efforts to protect evacuees and ensure their safety, including patrols of the disaster affected areas, providing information for residents in the temporary housing units and disaster public housing, prevention of crimes in collaboration with the national government, municipalities and volunteers and measures against traffic accidents.

■ With the partial lifting of evacuation orders in Okuma Town, a temporary Okuma police substation was opened and free transit along Route 35 was resumed to ensure development of the revitalization hub which is carried out in a safe and secure manner. The prefectural government is increasing security in the area including patrols to prevent crimes and accidents.



A ceremony held on dispatching patrol units following the opening of free transit along Route 35

■ In order to steadily cope with rapid progress of ongoing revitalization efforts and changing circumstances surrounding the affected areas, the prefectural government continues to work closely with municipalities for the safety and security of its residents.

## Thorough support for evacuees

### Counselors

177 life support counsellors have been assigned to social welfare councils in 22 municipalities throughout the prefecture (as of 2019.6.1)

In addition to taking care of elderly and preventing isolation, they are also actively involved in working to help with relieving residents' health worries.



### Community Communications Coordinator

The prefectural government allocates Community Communications Coordinators to areas with revitalization public housing in order to build and support those communities. The Community Communications Coordinators support exchange activities between tenants of revitalization public housing and local residents by planning and carrying out exchange activities while establishing neighborhood associations and creating opportunities for community dialogue.

## Establishment of the Fukushima 3.11 Memorial Park

### Fukushima 3.11 Memorial Park

■ In remembrance of the lives lost due to the Great East Japan Earthquake, tsunami and nuclear disaster, which occurred on 11 March 2011, the Fukushima 3.11 Memorial Park will pass on the lessons learnt from the disaster to future generations. In addition, the park will show the strong commitment in revitalizing the region to people in Japan and abroad. The central government and Fukushima Prefecture have collaborated in the building of this park.

■ The goal is to create an ever-evolving park that brings people together and accepts all kinds of thoughts and activities. The Great East Japan Earthquake and Nuclear Disaster Memorial Museum, which conveys the memories and lessons of this disaster, is located nearby as well, and tour routes that incorporate these facilities are under consideration.

■ A section of the park (roughly 2 ha) was opened on 20 September, 2020, and an opening ceremony was held in November.

Futaba Town · Namie Town



\*This is not a complete concept drawing of the park, as it may evolve based on the demands and changing times.

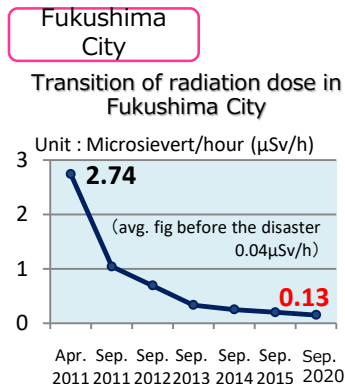
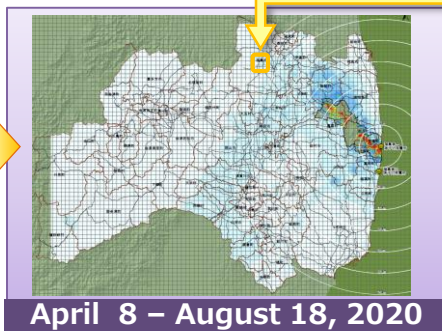
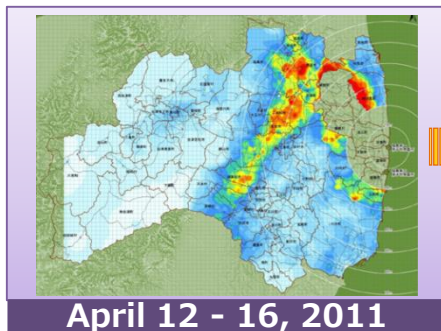
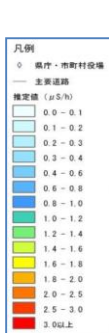




# Environmental restoration

Air radiation levels in the prefecture have significantly decreased compared to April, 2011.  
Decontamination of prefectural land has been completed in all areas except for the Difficult-to-return zone.

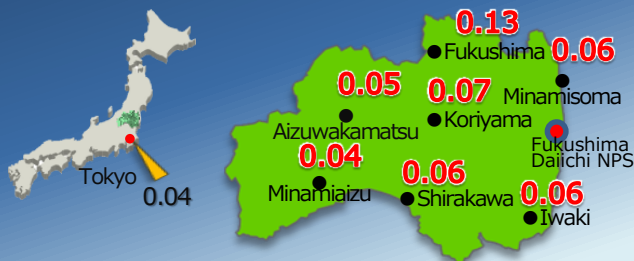
## Transition of air radiation dose in Fukushima Prefecture



Data: Fukushima Prefecture Disaster Prevention Headquarters (provisional value)

### ◆ Transition of measurements(2)

[Unit: μSv/h]



※Figures shown on Fukushima map are as of 2020.9 <http://fukushima-radioactivity.jp/>

### Comparison

to major cities

[Unit: μSv/h]



Data: Japan National Tourism Organization

## Fukushima Prefecture Centre for Environmental Creation <CEC>

We have to quickly restore environment in Fukushima to create environment where citizens can live with peace of mind over the future. For that, we are conducting detailed environmental monitoring, research and information release as well as taking measures to help children learn about environment and radiation at the Information and Communication building, "Communita Fukushima."

### ■ Environmental Radiation Monitoring Centre (Minamisoma City)



### ■ Inawashiro Aquatic Environment Centre (Inawashiro Town)



### ■ Wildlife Symbiosis Centre (Otama Village)



### ■ Fukushima Prefecture Centre for Environmental Creation Main Facilities (Miharu Town)



### ■ IAEA cooperation



Fukushima Prefecture currently proceeding projects in cooperation with IAEA\* Projects include the review of decontamination technology used for rivers and lakes, and studying the movement of radioactive materials contained in wild animals. \*IAEA: International Atomic Energy Agency



On-site inspection by IAEA experts

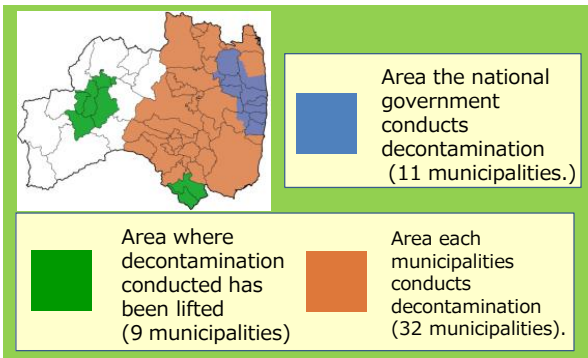
### ■ IAEA proposed project

- Decontamination in Fukushima
- Support for utilization of radiation monitoring data for drawing of easily understandable maps ...

### ■ Our proposed projects

- Project to review the decontamination technology for rivers, lakes and ponds
- Behavioral survey of radionuclide in wild lives ...

# Decontamination



## ◆ Decrease in the number of Temporary Storage Sites

■ The contaminated soil, which was removed during the decontamination of prefectural land, was stored in Temporary Storage Sites. The number of these sites has been decreasing due to the progress in transporting the soil to the Interim Storage Facility.

■ The number of Temporary Storage Sites, etc.

(As of 2020.12.31)

Special Decontamination Areas: 104 sites

Intensive Contamination Survey Areas :

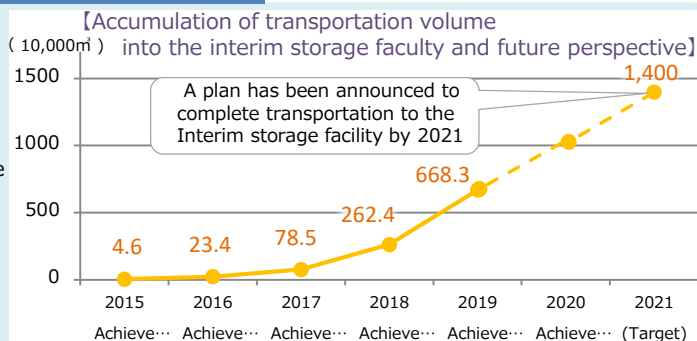
15,593 sites



## ◆ Receiving of removed soil and development of facilities

■ For the transportation of removed soil into the interim storage facility, about the total of 10,480,000m<sup>3</sup> was transferred from March, 2015 when the transportation started to the end of February, 2020, and transportation for 33 municipalities out of intended 52 has been completed.

A plan has been announced to complete transporting most of the removed soil that is temporarily located within the prefecture into an interim storage facility by the end of FY 2021. The prefectural government inspects the sites and conducts environmental monitoring in order to ensure safety and security. These activities are based on the safety agreement between the national government, the prefectural government, Okuma and Futaba Town.



## ◆ Final disposal of removed soil and waste outside of Fukushima



■ Removed soil and waste are stored in the Interim Storage Facility for a certain period. The final disposal is required by law to be completed outside of the Prefecture within 30 years since the commencement of the Interim Storage Facility (By March 2045).

# Disposal of waste

## ◆ Disaster waste disposal

(As of 2021.1.31)

■ The disposal of targeted 3.04 million tons of disaster waste handled by municipalities has been completed. In areas handled by the national government, 2.46 million tons of waste has been processed so far.



Dealing with disaster waste



A temporary incinerator

## ◆ Disposal of designated waste

(As of 2021.2.28)

■ Designated waste is being disposed of at the nationally designated landfill facility in Tomioka Town. As of today, 167,000 bags have been disposed of by landfill. The prefectural government inspects the sites and conducts environmental monitoring in order to ensure safety and security. These activities are based on the safety agreement between the national government, the prefectural government, Tomioka and Naraha Town. The results of the environmental monitoring are released on the internet.

\*Disposal of designated waste generated in SZRR will be managed in a final disposal site (Okuma Town) owned by the the Futaba District Broader Municipality Association.



Transportation of designated waste



Landfill disposal facility

## Efforts running parallel with the recovery of the environment

### ◆ Formation of the "Fukushima Green Reconstruction Concept"

■ The Ministry of the Environment announced a new support policy, "Fukushima Regeneration/Future Oriented Project", in August 2018.

The "Fukushima Green Reconstruction Concept" is one of the joint efforts by the Ministry of the Environment and Fukushima Prefecture. The number of visitors to nature parks has decreased due to the impact of the disaster. This plan was formulated to help many people realise the beauty of nature within the prefecture and pass it on to the next generation as part of our efforts to further advance the revitalization process.

■ The concept: "Protect, Polish, and Connect to the Future. Blissful Fukushima". By increasing the attractiveness of national and quasi-national parks, creating a structure for sightseeing tours centered on nature parks, and promoting the incorporation of the Prefectural Tadami Yanaizu Natural Park as a quasi-national park, we aim to encourage the proper use of natural parks while conserving the natural environment and increasing the number of visitors, thus contributing to the overall revitalization of Fukushima.



Oze National Park



# Efforts towards decommissioning

Since the nuclear accident, the national government and TEPCO have advanced in their efforts towards the decommissioning of Fukushima Daiichi NPS. Furthermore, the process is underway towards starting the decommissioning of Fukushima Daini NPS.

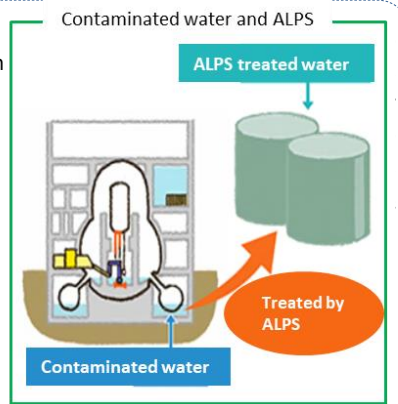
## Fukushima Daiichi NPS

### ◆The Mid- to Long-Term Roadmap

Measures being taken	Major milestones (on the Mid- to Long-Term Roadmap)	Current state of progress
Contaminated water measures	Reduction of the volume of contaminated water Reduce to 150m <sup>3</sup> /day (within 2020) Reduce to 100m <sup>3</sup> /day (within 2025)	Measures have been taken to prevent rainwater from seeping by repairing damaged portions of roofs of turbine and reactor buildings, paving the surface of the ground (facing) to reduce the volume of contaminated water.
Fuel removal from spent fuel pools	Complete fuel removal from Units 1 to 6 (within 2031)	Unit 1: Rubble is being removed from the upper part of the reactor building. Unit 2: Investigation of the pool did not find any damage to the fuel. Unit 3: Work is underway with the aim of completing fuel removal by the end of FY2020. Unit 4: Fuel removal was completed in 2014.
Fuel debris retrieval	Begin fuel debris retrieval from initial reactor (From Unit 2 (within 2021))	Unit 1: An additional investigation and analysis inside the primary containment vessel is being planned. Unit 2: A robot arm is currently being developed as a means to retrieve fuel debris. Unit 3: An additional investigation and analysis inside the primary containment vessel are being planned.
Waste measures	Develop technical outlook for treatment and disposal methods and their safety (around FY2021).	Construction of a solid waste incineration facility to dispose of waste such as fallen trees, rubble and used protective clothing is underway. A facility for analyzing low-to-medium-level radioactive waste such as rubble and incinerated ash is also being constructed.

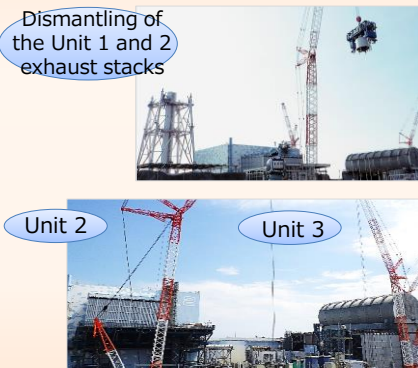
### ALPS treated water

Contaminated water is being generated from the cooling of fuel which has melted (fuel debris) by the nuclear accident by the rainwater and groundwater flowing into the reactor buildings. ALPS treated water, in which most of the nuclides except tritium are removed using ALPS and other equipment, is being stored in tanks on the grounds of the Fukushima Daiichi NPS.



Source: Ministry of Economy, Trade and Industry.

### 東京電力福島第一原子力発電所



Source by TEPCO

## Fukushima Daini NPS

### ◆Decommissioning Plan

■ Tokyo Electric Power Company Holdings, Inc. submitted a decommissioning plan to the Nuclear Regulation Authority (NRA) for approval in May 2020. It also submitted a request to Fukushima Prefecture and the towns where the power station is located for prior understanding about the decommissioning of Fukushima Daini.

- NRA has been reviewing the plan.
- The Association for Monitoring the Safety in Decommissioning has been confirming the content of the request.

### ◆Past Developments

- Sep. 2019 : TEPCO submitted a notice of changes in the details of its power generation business to the Ministry of the Economy, Trade, and Industry in accordance with the Electric Utility Industry Law. With this, decommissioning of the Daini NPS has been determined.
- Dec. 2019 : The Fukushima Prefectural Government, Naraha Town and Tomioka Town where the power station is located, and TEPCO concluded the Agreement on Ensuring the Safety of the Surrounding Communities when Decommissioning the Fukushima Daini NPS.





# Situation of restoration and development of social infrastructure

Reconstruction work has begun for 99% of public works facilities, and 97% have already been completed. Currently the prefecture is focused on the tsunami affected area, and is aiming to complete reconstruction as soon as possible, while developing and strengthening roads and other infrastructure, and ensuring that recovery efforts proceed in a safe and secure manner.

## Progress by reconstruction work

### Situation of reconstruction work

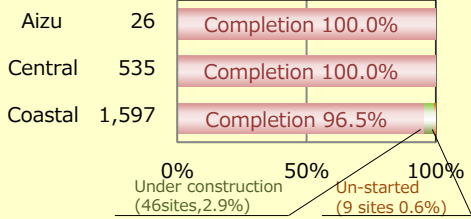
The prefecture is focusing on installing a road network to speed up the revitalization of zones where evacuation orders have been lifted or are to be lifted. The network includes 8 main routes covering the coastal region surrounded by express and national highways. 【※ 8 Main Routes】

### Progress by construction site

Reconstruction work has begun for 2,158 (99%) of 2,159 public works sites which had been assessed for restoration work. 2,103 (97%) sites have already been completed.

[As of 2021.1.31]

#### The Region



#### The Areas

Percentage of completion

100% • • • Port and harbors, Sewage, Park, Public housing, Fishing port  
About 96% • • • River and sand erosion control, Road and bridge, Coast

#### The Evacuation Zones

Of the 372 sites assessed for restoration work in the evacuation order cancellation preparation zone and the restricted residence zone, work has begun for 363 sites (97%), and 318 sites (85%) have been already completed. Restoration work in the difficult-to-return zone is also underway in tandem with decontamination work handled by the central government.

#### Joban Expressway

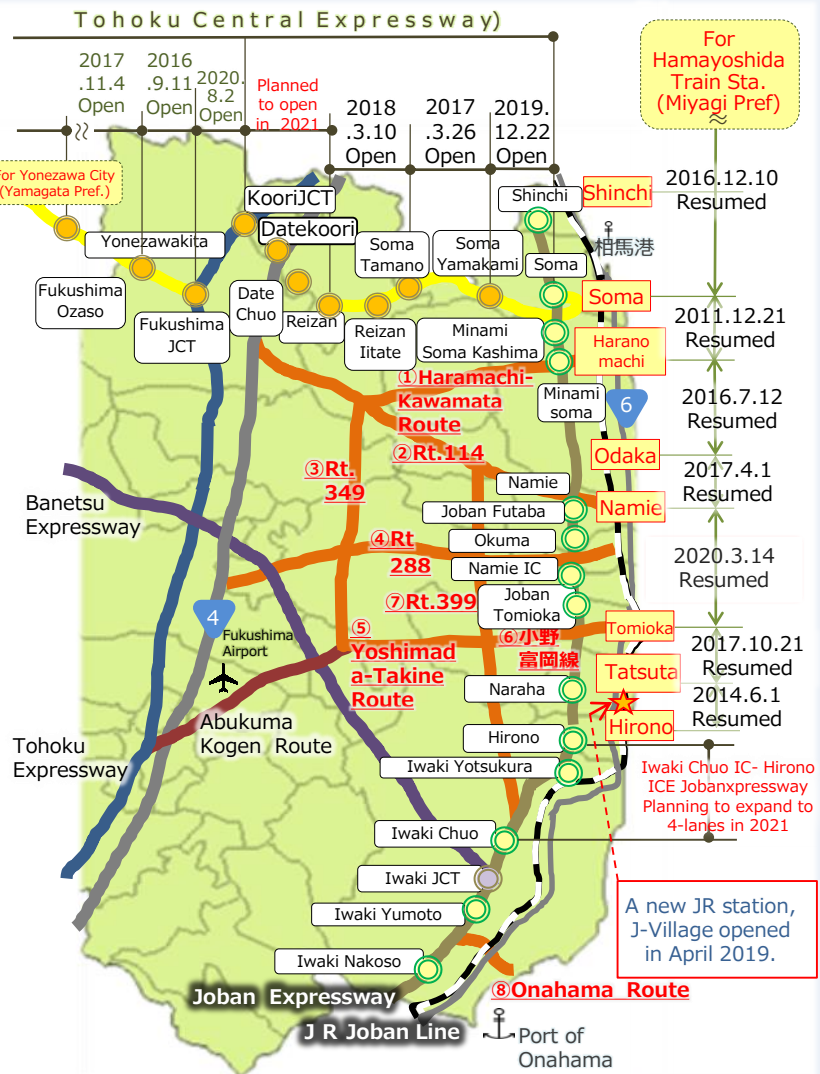
Naraha Smart IC → Opened in Mar. 2019  
Okuma IC → Opened in Mar. 2019  
Joban-Futaba IC → Opened in Mar. 2020

#### JR Joban Line/Resumed

Namie-Odaka Station <Resumed in April 2017>  
Tatsuta-Tomioka Station <Resumed in Oct. 2017>  
Tomioka-Namie Station <Resumed Mar. 2020>

#### Operation of wide area bus services in the evacuation zone

Iwaki-Tomioka, Funehiki-Katsurao, Funehiki-Kawauchi 2017.4  
Kawauchi-Onoshinmachi-Kamisaka, Minamisoma-Fukushima Line (via Fukushima Medical Univ.) 2017.10  
Kawauchi-Tomioka 2018.4



## Restoration of agricultural, forestry and fisheries facilities

	Farmland (Rate of area where resumption of farming is possible)	Farming management entities (Resumption of management)	Fishing management entities (Resumption of operations)	Restoration work for farmland and agricultural facilities	
① Facilities for restoration	4,550ha	17,200	740	2,116	
	Planned restoration area for tsunami flooded farmland	Management entities affected by the Great East Japan Earthquake	Management entities affected by the Great East Japan Earthquake	Number of districts for restoration	
② Restoration and reconstruction situation	3,254ha	10,500	578	1,981	1,837
	Area of farmland where resumption of farming is possible	Management entities that have resumed farming *Partial resumption included	Management entities that have resumed work *Trial operations included	Work Started	Work Completed
Progress rate (②/① *100)	71.5%	61.0%	78.1%	Rate of work started 93.6%	Rate of work completed 86.8%
Data Counted On	2020.3	2014.3	2019.12	2020.3	

\*Area of damaged farmland was calculated by subtracting farmland converted to other landuses from the original damaged farmland area of 5,462ha.



# Health of citizens

The prefecture has implemented the 'Fukushima Health Management Survey' in order to protect the physical and mental health of citizens, and maintain and improve health in Fukushima into the future. The survey includes the estimation of citizens' radiation exposure and thyroid examinations.

## Fukushima Health Management Survey

### ◆ Basic Survey (estimate on external exposure dose)

- [All citizens surveyed] Ratio of dose from 0 to 2mSv accounts for 93.8% of all.
- ※ Estimate of external exposure dose for the 4 months from the nuclear accident (March-July 2011).
- ※ Self-administered questionnaires: 27.7% [568,331 respondents/2,055,251 subjects]

#### Primary Examination: Ultrasound Examination

### ◆ Thyroid Ultrasound Examination

- Inspection. to confirm the present situation of children who aged 18 or younger at the time of the disaster, about 300,000 were examined by March 2014.



Number of Examinations	Screening category	Implementation Period	Coverage
1 <sup>st</sup> round	Primary Examination (Check on the situation of people's thyroids)	Oct. 2011-Mar. 2014	Citizens aged 18 or younger at the time of disaster (About 370,000 persons/Born on April.2,1992-April.1,2011)
2 <sup>nd</sup> round	Full-scale Examination (Compare with Primary Examination)	April. 2014-Mar. 2016	Citizens born on April.2,1992-April.1,2012 (About 380,000 persons/The inspection will be conducted every 2 years with the subjects to the age of 20, and after 20 it will take place every 5 years.)
3 <sup>rd</sup> round		May. 2016-Mar. 2018	
4 <sup>th</sup> round		April. 2018-Mar. 2020	
5 <sup>th</sup> round		April.2020	

#### Secondary examination: Thorough thyroid ultrasound examination and blood testing

Fine-needle aspiration cytology is conducted as deemed necessary by the doctor. As of Jun. 30, 2019, 231 cases were diagnosed as malignant or suspected malignant in the secondary examination.



## Internal exposure examinations using whole body counters

### <Results of Examination\*>

Committed effective dose (internal exposure dose radiated within the body throughout one's lifetime)

Results :	Below 1mSv	1mSv	2mSv	3mSv
number of examinees	345,522	14	10	2

- 1) Figures were not high enough to affect the health of all those involved. (Jun 2011 – Jan 2021)
- 2) The examination results have shown figures below 1mSv since March 2012.



### Free medical care for all citizens aged 18 or under

Fukushima has increased the age range for those eligible to receive medical subsidies. This is part of an effort to support child-raising in the prefecture through creating an environment focused on child health, where it is easy to give birth to and raise children. As of October 2012, free medical care is provided to citizens aged 18 or younger.

## Development of a hub for cutting-edge radiological research and medical care & Fostering of human resources in medical fields

### ◆ Fukushima Global Medical Science Center

- In order to protect the health of citizens into the future, Fukushima has developed a hub for cutting-edge radiological research and medical care.

#### 8 Functions

- ① Radiation Medical Science Center for the Fukushima Health Management Survey
- ② Advanced clinical research center
- ③ Advanced medical treatment section
- ④ Education and personnel training section
- ⑤ Medical Industry Translational Research Center
- ⑥ Thyroid and Endocrinology Center
- ⑦ Health Promotion Center
- ⑧ Assuring medical services in Futaba district



Fukushima Medical University (Fukushima City)

### ◆ School of Health Sciences Fukushima Medical University

The Prefectural Government will establish a new department at the Fukushima Medical University in order to foster and stably secure human resources for health and medical services who are in short supply in the prefecture.

Opened in April, 2021



Exterior

Name of Departments (tentative name)	Admission Quota
Department of Physical Therapy	40 students/ year
Department of Occupational Therapy	40 students/ year
Department of Laboratory Sciences	40 students/ year
Department of Radiological Sciences	25 students/ year



# Situation of the agricultural, forestry, and fishery Industries

Production values for the agricultural, forestry, and fisheries industries have decreased since the disaster. The Prefecture is advancing its efforts to revitalize the agricultural, forestry, and fisheries industries, make Fukushima products attractive, promote branding as well as to ensure food security and safety.

## Farming resumption situation

■ With the completion of decontamination of farmland except for the Difficult-to-return Zone, resumption of farming is progressing. Even in 12 municipalities where evacuation orders had been issued, efforts are underway to resume farming such as restoring farmland and agricultural facilities, having the farmland decontaminated and demonstrating the planting of crops as well as reducing the uptake of radioactive substances by crops. As a result, the area resumed for farming has been restored to 32%.

■ Efforts are being made for labour-saving agriculture that uses advanced technologies and for the introduction of new items of flowers and vegetables. Also, fish markets in fishing ports have resumed and trial fishing operations have been expanded. This demonstrates that Fukushima's agricultural, forestry, and fisheries industries have been making steady progress towards revitalization.

(FY2019)



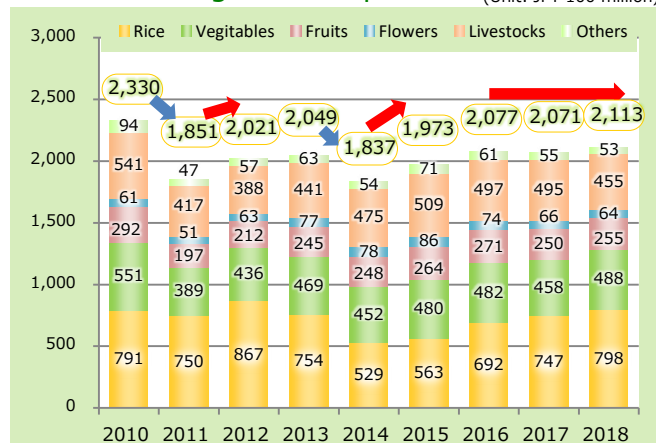
Smart agriculture: Rice planting



Katsurao Phalaenopsis Orchid, LLC

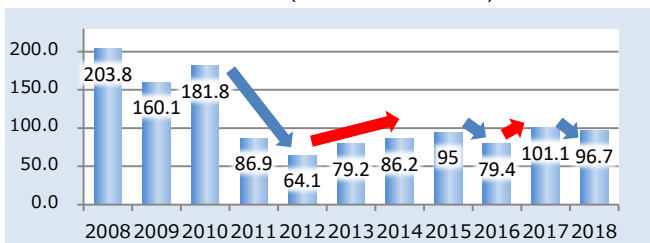
## Transition in the amounts of agricultural products produced in the prefecture

### ◆ Amount of agricultural produce (Unit: JPY 100 million)

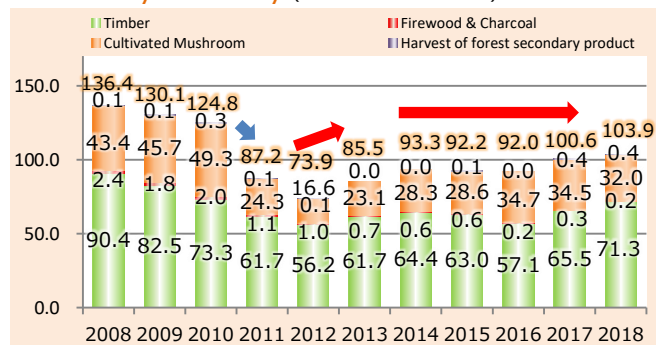


※In terms of rice, crop acreage and yield increased after 2012, but in 2014 and 2015, the nationwide rice price sharply dropped and the rice output also significantly dropped in the prefecture, as well.

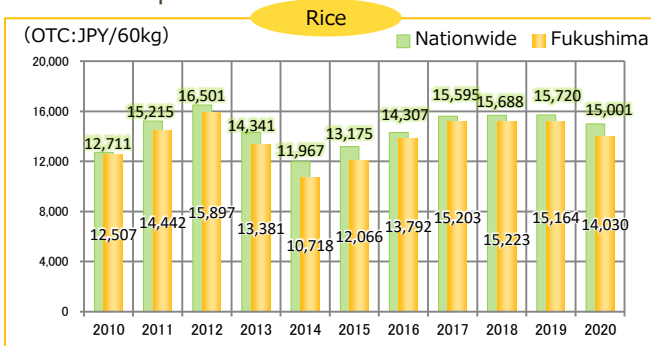
### ◆ Marine Fisheries (Unit: JPY 100 million)



### ◆ Forestry Industry (Unit: JPY 100 million)

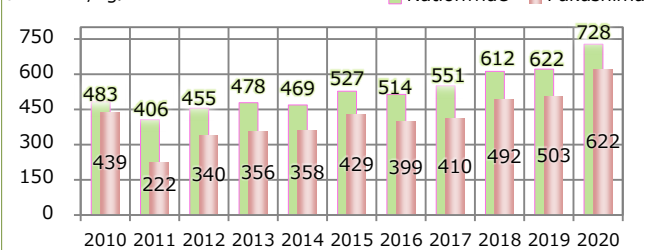


### ◆ Transition of the price of agricultural products representative of Fukushima



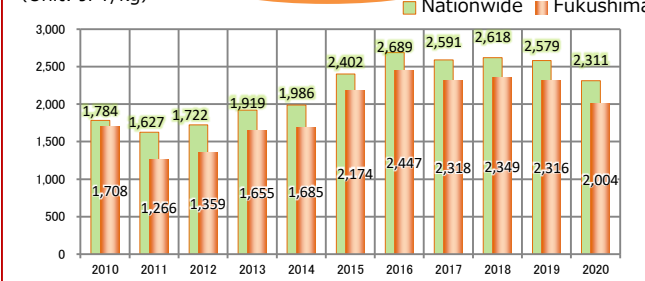
[Source] MAFF Projection of OTC trades of rice

### (Unit:JPY/kg) Peach



[Source] Market statistics on website of Tokyo Central Market

### (Unit: JPY/kg) Beef Cattle (Wagyu)





# Food safety and security efforts

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.

## Monitoring of Fukushima's agricultural, forestry and fishery products

### Inspection results

[2020.4.1~2020.12.31] [参考]

Classification	Total No. of samples	No. of samples exceeding standard limits	Proportion of samples exceeding standard limits
Vegetables & Fruits	2,111	0	0.00%
Livestock products	3,128	0	0.00%
Cultivated edible plants & mushrooms	990	0	0.00%
Marine fishery products	3,127	0	0.00%
Fresh water farmed fish	22	0	0.00%
Wild edible plants & mushrooms	651	1	0.15%
Fresh water fishery products	679	0	0.00%

Reference Safety standard limits for radioactive cesium (Unit: Bq/kg)	
General foods	100
Milk	50
Infant foods	50
Drinking water	10

※\*Fukushima prefecture is carrying out these inspections based on national guidelines.  
 ※Products for shipping and sales are subject to monitoring inspection. (Products from areas with shipping restrictions orders are not included in the total number of samples.)  
 ※One sample exceeding the standard limit was found in an inspection conducted in 2016 for the purpose of lifting shipping restrictions. (Published in Sep. 2020)



### Rice inspections [Rice harvested in FY2020: Shifting to monitoring inspections]

- With regards to rice, which is our staple food, Fukushima Prefecture had been carrying out blanket screening on rice produced in and shipped from the Prefecture. As there have been no samples found over the standard limit for 5 years since 2015, the testing has been shifted to monitoring inspections on rice harvested in FY2020 except for the 12 municipalities where evacuation orders had been issued.
- For the 12 municipalities where evacuation orders had been issued, inspection of all rice (grains) in all rice bags for radioactive substances will continue in areas where resumption of farming has not yet progressed or where there are newly planted rice paddies after the disaster.

**Municipalities which continue testing on rice (grains) in all rice bags:**  
 Tamura City, Minami-Soma City, Hirono Town, Naraha Town, Tomioka Town, Kawauchi Village, Okuma Town, Futaba Town, Namie Town, Katsurao Village, Iidate Village, Kawamata Town (former Yamakiya Village)

The Fukushima Prefectural Government will work to ensure the safety of Fukushima rice with measures such as reducing the absorption of radioactive substances by crops and reliably preventing secondary contamination from foreign materials.

Brown rice Year 2020 production (2020.9.12-2021.1.31)	Total No. of samples	No. of samples exceeding safety standard limits	Proportion of samples exceeding safety standard limits
	Approx. 300 thousand	0	0.00%

Test results are released to the public.  
<https://fukumegu.org/ok/contents/>

## Trial Fishing conducted by the fishing industry

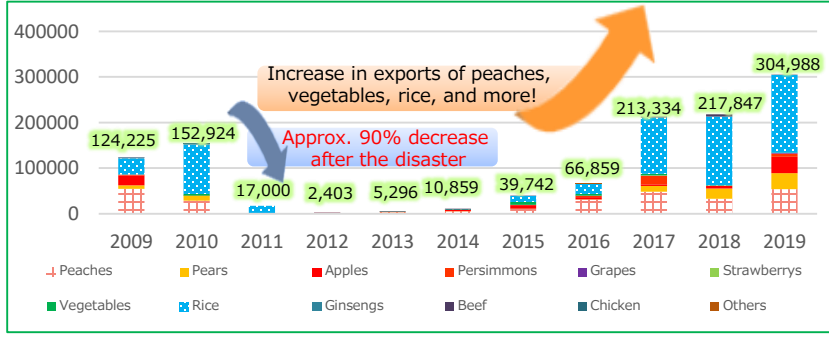
- Fishermen in Fukushima Prefecture were forced to place a ban on coastal and trawl fishing; however the safety of certain species of fish has been confirmed based on over 60 thousand items tested during monitoring inspections.
- Fishing cooperatives have been conducting inspections for radioactive substances in marine products obtained through trial fishing operations based on voluntary set standards of 50 Bq/kg, stricter than the government threshold of 100 Bq/kg to make sure no samples exceeding the limit will be distributed to the market.



## Situation of agricultural product exports

### Agricultural product exports from Fukushima before and after the disaster

**Agricultural product exports**  
 Although the export volume drastically dropped immediately after the disaster, it has roughly doubled compared to 2010, the year before the disaster, and has reached a record high for the third straight year.  
 We will continue to ensure food safety and security as well as provide support to secure export destinations and for exports through the promotional campaigns undertaken by the governor.



### Import restrictions on food products from Fukushima

[As of 2021.1.25]

- Countries and regions imposing an import ban on a wide range of products produced in Fukushima (4)**  
 China, Hong Kong, Taiwan, Macao
- Countries and regions imposing an import ban on some of the products produced in Fukushima (2)**  
 Korea, the US
- Countries and regions allowing import of foods only when inspection certificates are attached (9)**  
 Indonesia, French Polynesia, EU and the UK (\*), Iceland, Norway, Switzerland, Russia, Liechtenstein, Singapore (\*) The EU and the UK are listed as one region, which the Ministry of Agriculture, Forestry and Fisheries does so as well.

In the immediate aftermath of the accident at the nuclear power station, 54 countries and regions imposed restrictions on the import of food products from the Prefecture. However, efforts to ensure food safety and promote the attractiveness of Fukushima's agricultural, forestry, and fisheries products have led to 39 countries and regions lifting their restrictions.

[Excerpt from the Ministry of Agriculture, Forestry, and Fisheries "Regulatory Measures in Other Countries and Regions" created by the Fukushima Prefectural Farm Products Marketing Division.]



# Tourism industry recovery

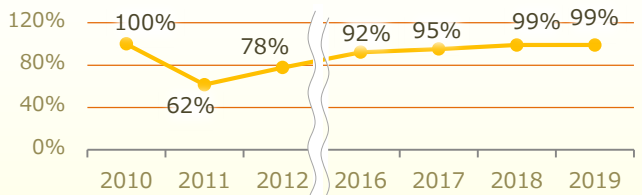
Working towards the Tokyo Olympic and Paralympic Games which are positioned as to support reconstruction, all citizens are united to promote tourism through improvement of hospitality, development of region-centered receiving system and honing of tourism elements.

## Tourism promotion through event & other information

### ◆ Changes of the number on tourism in the prefecture

[Data] Japan National Tourist Bureau statistics

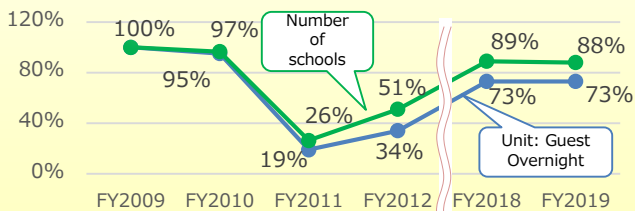
#### Tourists from outside Fukushima



Unit: thousand people	2010	2011	2012	2016	2017	2018	2019
	57,179	35,211	44,459	52,764	54,494	56,336	56,344

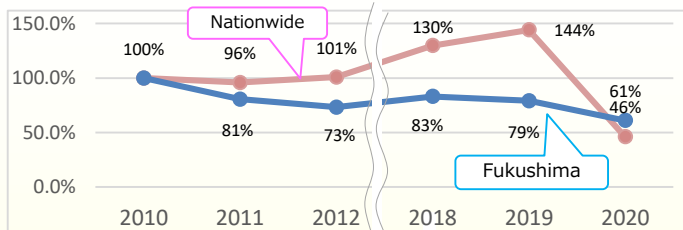
FY2009 FY2010 FY2011 FY2012 FY2018 FY2019

#### Educational Tour



Number of schools	7,920	7,647	2,082	4,042	7,047	6,941
Unit: Guest overnight	709,932	673,912	132,445	240,148	517,820	516,525

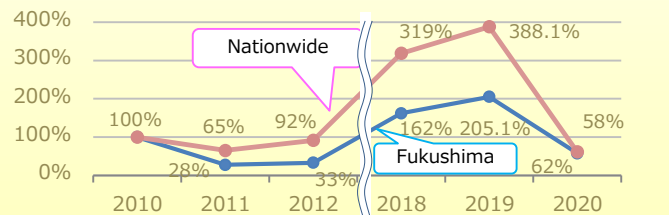
#### Tourists' accommodation



Year	2010	2011	2012	2018	2019	2020
Nationwide	216,384,110	207,382,740	218,313,430	280,784,880	312,000,000	144,000,000
Fuku-shima	6,359,610	5,124,410	4,651,110	5,284,020	5,029,999	3,070,000

\*Comparison of guest nights on year-to-year basis, After March 2011, compared to the same month in 2010

#### Total number of international guests



Year	2010	2011	2012	2018	2019	2020
Nation wide	26,023,000	17,015,780	23,822,510	83,566,460	101,000,000	15,000,000
Fuku-shima	87,170	23,990	28,840	141,350	178,810	53,680

\*Number of international guests who stayed at facilities with 10 or more employees

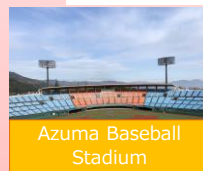
## Tourism promotion through event & other information



**The Tokyo 2020 Olympic Games/Baseball and softball games to be hosted in Fukushima**



■ The Fukushima Azuma Baseball Stadium will host 6 softball games on 21 and 22 July, 2021 and 1 baseball game on 28 July.



Azuma Baseball Stadium

### ◆ Flying in the Hometown of Fukushima

-Airplane experience for children in Fukushima Prefecture-

■ Scenic flights from Fukushima Airport and behind-the-scenes tours of Fukushima Airport were given to children, who could not go on educational field trips due to the COVID-19 pandemic. The experience let them see how the revitalization of their hometown Fukushima has progressed after 10 years from the disaster.

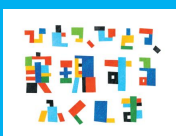


### The Grand Start of the Torch Relay will take place in Fukushima

■ The Tokyo 2020 Olympic Torch Relay started on 25 March, 2021 at J-Village and went through 26 cities, towns, and villages in the Prefecture until 27 March. This three-day relay allowed the people of Fukushima to express their appreciation for all the support received both from around Japan and the world, as well as to show Fukushima's path towards revitalization and its many charms.



Photo by Tokyo 2020

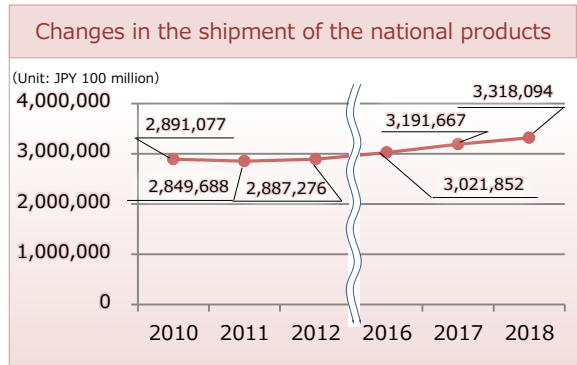
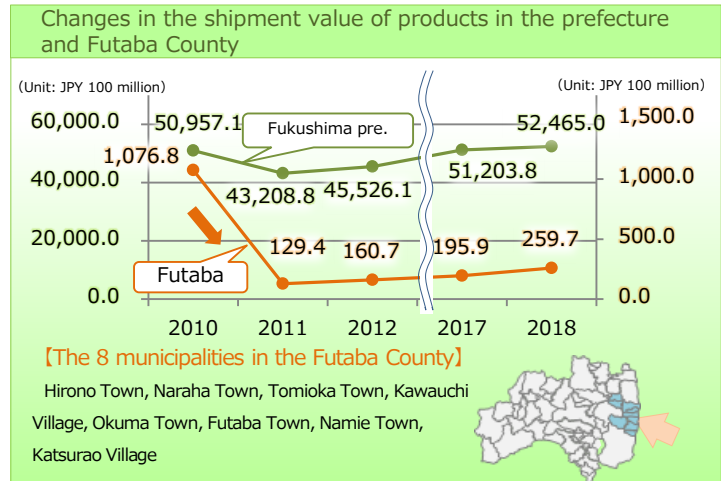


# Industrial promotion and creation of employment

Levels in shipment values of products, both nationwide and of Fukushima Prefecture, recovered to exceed the pre-disaster levels. We will continue to support the operation and resumption of small to medium-sized businesses which form the core of regional economies, as well as secure employment opportunities through the promotion of company investment into the prefecture.

## Changes in the shipment value of products (※)

• Shipment values in 2017 increased by 2.5% on the previous year, exceeding the benchmark set before the disaster (2010). However, Futaba County has remained at 20% of the pre-disaster shipment values since the disaster in 2011. We think it is necessary for us to further promote revitalization in the evacuation-ordered areas as well as the coastal region.



Source: METI 2019 Census of Manufacture by region, Preliminary Report of the 2019 Census of Manufacture, Report on the Results of the 2019 Census of Manufacture, Report on the Results of the 2019 Economic Census for Business Activity concerning the Manufacturing Industry

### ◆ Fukushima business investment subsidy for revitalization of industries

District	Number of Entities
Ken-poku district	106
Aizu district	76
Soso district	66
Ken-chu district	149
Minamiaizu district	6
Ken-nan district	73
Iwaki district	104

**Allotted to 580 entities (As of July 29, 2019)**

**7,290 jobs created (projection)**

### ◆ Subsidy to business investment for employment creation in the tsunami and nuclear disaster-affected areas

We support companies that set up new factory or additional factory inside the prefecture. Those activate business and create jobs.

**203 entities**  
(As of Nov 10, 2020)

**2,486 jobs created (projection)**

### ◆ Subsidy for investment promotion for the support of self-help and return and the employment creation

In order to secure jobs for disaster-affected people and accelerate support for their independence and ability to return to the areas they evacuated from, we will support companies that are planning to newly or additionally build plants in the evacuation-ordered areas, and make efforts to create employment and cluster industries.

**104 entities**  
(As of Nov 13, 2020)

**984 jobs created (projection)**

### ◆ Young people employment promotion within the prefecture

In order to eliminate labor shortages and promote employment for young people who seek jobs inside the prefecture, we hold joint job fairs in Fukushima as well as in Tokyo every year. We also provide job consultation services for people including disaster victims at 7 work-life support centers in the prefecture and hometown job information centers in both Tokyo and Fukushima.



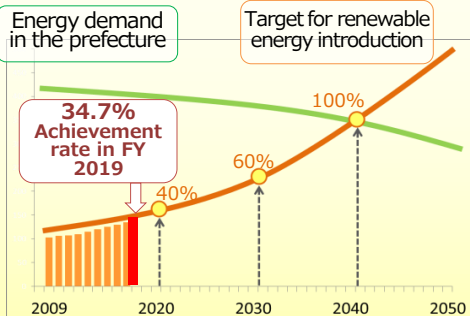




# Development of hubs for research & development, and Industrial creation

For the revitalization and recovery of the Fukushima Prefecture, it is necessary not just to restore things to how they were before the disaster, but create new, leading enterprises. Revitalization of the prefecture is currently being propelled by the development of hubs for R&D and industrial creation in a wide variety of fields.

## Renewable energy promotion



Fukushima has a target to produce enough renewable energy to supply 100% of the energy demand in the prefecture by 2040. This will be achieved by increasing renewable energy introduction, and building hubs through the clustering and development of relevant industries.

[Reference] Comparison with the total electric power consumption in the Prefecture  
 The installed capacity of renewable energy / Electric power consumption (demand) · about 80.5% in FY2019

## Strengthening cooperation with other countries

### Webinar with the Kingdom of Denmark

A webinar was held in April 2021 to showcase the efforts of Denmark and Fukushima towards achieving a carbon-free, hydrogen-based society. It was hosted jointly by the Royal Danish Embassy in Japan, which had entered into a memorandum of understanding with the Prefecture on collaboration with the renewable energy industry, and by EnergyAgency.Fukushima and State of Green, which provide industrial support in both regions.

After opening remarks by Governor Uchibori and Peter Taksøe-Jensen, Ambassador Extraordinary and Plenipotentiary of the Kingdom of Denmark to Japan, Vice Governor Ide and Elsebeth Sondergaard Krone, Director of Centre for Global Cooperation, Danish Energy Agency, gave lectures on renewable energy initiatives in both regions, followed by a panel discussion on the theme of hydrogen.

EnergyAgency.Fukushima and State of Green renewed their MOU on collaboration towards the renewable energy industry during the hosting of the webinar.

Apr. 2021  
 -Webinar with the Ambassador Extraordinary and Plenipotentiary of the Kingdom of Denmark to Japan-



## Promotion of the clustering and recovery of the industrial sector

### Thailand and Fukushima Online business matching of medical device 2021

To promote the clustering of the medical industry, Thailand and Fukushima Online Business Matching of Medical Devices 2021 was hosted in conjunction with the government agencies of the Kingdom of Thailand. The purpose was to spread information on machine parts, materials, and technologies created by companies in Fukushima, as well as to strengthen cooperation on medical device development and expand sales channels.

The Fukushima Virtual Booth was set up online due to the COVID-19 pandemic, displaying videos and panels by exhibitors as well as

featuring a seminar held by people in related fields from the Kingdom of Thailand.

Though this was the first time, many people accessed the booth online, and deals and exchanges of opinions took place. [Mar 17 - 31, 2021]



### Fukushima booth at "E-world energy & water 2020"



Feb 11-13, 2020  
 The city of Essen, the State of NRW, Germany

The prefectural government ran a booth at "E-world energy & water 2020" which is one of the largest trade fairs for energy in Europe. It was the 7th time participating and six companies in the Prefecture exhibited at the booth. Business talks and exchanging of opinions actively took place as well as promoting renewable energy technologies and products.

## Research & development hubs in Fukushima Prefecture

### Fukushima Renewable Energy Institute, AIST(FREA)

National Institute for Advanced Industrial Science and Technology (AIST) developed R&D hub centers for renewable energy. Smart System Research Building started operation on April 1, 2016.



Koriyama

### Renewable Energy-derived Hydrogen generation and usage project

Fukushima Hydrogen Energy Research Field was opened in Namie Town on 7 March 2020. This is one of the world's largest hydrogen production bases from renewable energy sources (utilizing 20MW generated solar power). It can supply up to 1,200 Nm<sup>3</sup> of hydrogen per hour (rated power) and fill up at most to about 560 fuel cell vehicles a day.



Namie

### Fisheries and Marine Science Research Centre

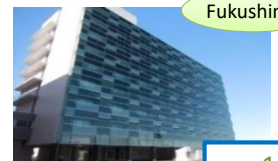
In response to new research tasks following the nuclear disaster, this centre was built as a core facility for revitalization of the marine industry.



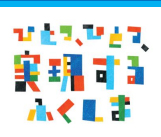
Iwaki

### Medical-Industry Translational Research Center (Radiation Medical Science Center)

In order to serve as a bridge between the medical and industrial fields, the center acts as a hub to promote the creation of reagents, therapeutic, and diagnostic drugs used mainly for cancer treatment.



Fukushima



# The Fukushima Innovation Coast Framework

In addition to the establishment of the Fukushima Robot Test Field and other research and development hubs, the proactive incorporation of renewable energy and next-generation energy technology, the revitalization of agriculture, forestry, and fisheries industries using advanced technology as well as efforts to cluster industries, foster human resources, and increase the number of people visiting the Prefecture are in full swing.

## The Fukushima Innovation Coast Framework

The Fukushima Innovation Coast Framework is a national project that aims to revitalize industries in the coastal region affected by the Great East Japan Earthquake and the nuclear disaster through the establishment of a new industrial base in the region. Based on the 3 core pillars, "A region where people can take on any challenge", "Local companies are major players", "Fostering human resources who will play a major role in the initiative", the project is being put into shape in the coastal region in the priority fields of decommissioning, robotics, drones, energy, environment, recycling, agriculture, forestry and fisheries, and healthcare-related industries as well as aerospace industries. It also includes various infrastructure development initiatives to achieve these plans, such as clustering of industries, fostering human resources, increasing people visiting the region, spreading information, and re-establishing the living environment.

## Working towards the realization of the Fukushima Innovation Coast Framework

◆ There are 3 core pillars based on a blueprint drawn up on Dec. 9, 2019 for the development of industry with the Innovation Coast Framework.

### 1. A region where people can take on any challenge

■ We aim to develop the coastal region to be a place where new challenges are taken up in various fields.

### 2. Local companies are major players

■ In order to encourage not only cutting-edge companies but various local companies to actively participate in the initiative, we will promote wide-area cooperation between local businesses and incoming companies to the region.

### 3. Fostering human resources who will play a major role in the initiative

■ We will foster innovators in the region and professionals who will support the industrial cluster.

## ◆ Hubs for research and main projects

### Decommissioning

Developing technology by gathering wisdom from Japan and around the world

■ Demonstration tests necessary for decommissioning, etc. are carried out at Naraha Center for Remote Control Technology Development (Naraha Town)



■ Okuma Analysis and Research Center (Okuma Town)



■ Collaborative Laboratories for Advanced Decommissioning Science (CLADS) (Tomioka Town)



### Agriculture, Forestry and Fisheries Industries

Revitalization of agriculture, forestry and fisheries industries utilizing ICT and robotic technologies

■ In a Japan first, initiatives are being implemented in areas of advanced agriculture, forestry and fisheries which are employed in the development and demonstration of ICT and robotic technologies.



■ Adding higher value to marine products in Fukushima, developing processing technology, working on countermeasures against radioactive materials (Fukushima Prefectural Fisheries and Marine Science Research Centre, Iwaki City)



### Robots and Drones

Clustering of industries with the Fukushima Robot Test Field as the core

■ The world's unprecedented facility for performance evaluation and performing maneuver training of robots and drones, and a major R&D hub for land, sea, and air robots and drones (Minamisoma City, Namie Town)



■ Demonstration tests of a bridge inspection service using a drone by DENSO Corporation



### Healthcare-related industries

Opening up markets for businesses by supporting technological development

■ The Translational Research Center focuses on technology transfer and consulting support for businesses in the Coastal region and other areas as well as aims to promote the clustering of pharmaceutical and related industries (Fukushima City)



■ Integrating support from the development through to the commercialization of medical devices (Fukushima Medical Device Development Support Centre, Koriyama City)

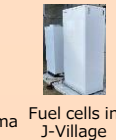


### Energy, the Environment and Recycling

Establishment of advanced renewable energy and recycling technologies

■ Fukushima Hydrogen Energy Research Field (FH2R) (Namie Town) is the world's largest facility for producing hydrogen derived from renewable energy. Hydrogen produced at FH2R is used in fuel cells installed in Prefectural

Azuma Sports Park and J-Village. Electricity is supplied to both of these facilities.



### Aerospace industries

Demonstrations of "flying cars" and attracting related companies

■ Development of flying cars by SkyDrive Inc., a company which has a research room in the Fukushima Robot Test Field



■ Products and technologies were introduced at the Robot and Aerospace Festa Fukushima 2020 with the aim of expanding business of local companies (November 2020, at BIG PALETTE FUKUSHIMA, Koriyama City)



## Consideration towards establishing an international education and research hub

This facility is positioned to be a central hub of creative revitalization in the future, one that will work together with other established facilities in the Fukushima Innovation Coast Framework to maximise efficacy as a kind of control tower and conduct R&D as well as train human resources. The Reconstruction Agency is currently considering the possibility of opening the facility in 2024.



# The Fukushima Revitalization Plan and initial budget for FY2021

The 2nd Plan for Revitalization in Fukushima Prefecture will address revitalization and reconstruction of the region with four priority projects deemed particularly important for revitalization.

## The 2nd Plan for Revitalization in Fukushima Prefecture

The 2nd Plan for Revitalization in Fukushima Prefecture has been formulated for a ten-year period from FY2021 to FY2030 to promote seamless reconstruction and revitalization during the second reconstruction and revitalization period.

### I Basic concepts

- (Continuing the basic concepts set forth in the vision for revitalization)
- ① Building a safe, secure and sustainable society free from nuclear power
  - ② Revitalization that brings together everyone who loves and cares about Fukushima
  - ③ A homeland we can all be proud of once again/ II Basic Objectives

### II Basic Objectives

- ① Steady reconstruction and revitalization of evacuation areas
- ② Fostering human resources who will lead the future and creating community bonds
- ③ Building safe, secure communities
- ④ Promoting attractive and sustainable job creation

### III Priority Projects

- ① Project accelerating the revitalization in evacuation areas
- ② Kizuna project
- ③ Project for safe and secure living
- ④ Project promoting industry and rebuilding livelihoods

## Budget for creating a new Fukushima

Fukushima Prefectural Govt. Budget for Fiscal Year 2021  
(April 2021-March 2022)  
**JPY1,258.5 billion (equiv. USD 11.33 billion)**



### ◆ Acceleration in reconstruction and revitalization

#### ■ Accelerating revitalization of evacuation areas

- (1) Reconstruct and revitalize towns where people can feel safe to live
- (2) Reconstruct and revitalize industry and livelihoods
- (3) Create appealing communities

JPY  
56.6 billion

#### ■ Creating bonds and fostering human connections

- (1) Create the safest and most accommodating environment to have and raise children in Japan
- (2) Foster well-rounded and tough human resources that can carry out revitalization
- (3) Foster human resources that can promote industry
- (4) Create bonds that connect Fukushima

JPY  
5 billion

#### ■ Safe and secure living

- (1) Build a safe, secure living environment
- (2) Enhance efforts and support for people to return as well as support systems for evacuees
- (3) Work on restoring the environment
- (4) Work on protecting mental and physical health
- (5) Build towns to accelerate revitalization
- (6) Promote disaster preparedness and response measures

JPY  
71.3 billion

#### ■ Promoting industry and revitalization of livelihoods

- (1) Promote small to medium-sized enterprises
- (2) Create new industries and increase international competitiveness
- (3) Promote agriculture, forestry and fisheries industries
- (4) Promote the tourism industry

JPY  
73.7 billion

### ◆ Promotion of regional development

#### ■ Fostering outstanding human resources

- (1) Achieve to become one of the longest and healthiest prefectures in the nation
- (2) Support marriages, births, and childrearing
- (3) Create a society where people can work in ways that suit them
- (4) Enhance education and foster well-rounded human resources

JPY  
21 billion

#### ■ Building towns with a high quality of life

- (1) Resident-led community building
- (2) Improve community medical treatments
- (3) Create safe towns with disaster preparedness and crime prevention
- (4) Live in harmony with the environment
- (5) Promote the development of transportation, exchange, and communication network infrastructures
- (6) Promote the use of renewable and new forms of energy

JPY  
23.5 billion

#### ■ Job Creation

- (1) Create jobs and foster human resources who can support these jobs
- (2) Promote the clustering of new industries and regional industries
- (3) Promote the agriculture, forestry and fisheries industries

JPY  
85.3 billion

#### ■ Spreading the charms of Fukushima and promote exchange

- (1) Create an influx of new people
- (2) Promote tourism unique to Fukushima
- (3) Spread accurate information throughout Japan and overseas

JPY  
85.3 billion





# Topics

## Lecture at Columbia University webinar



On 24 March, 2021, Governor Uchibori attended a webinar hosted by the Center on Japanese Economy and Business at Columbia Business School in the United States, giving a lecture entitled "The Future of Fukushima: Coping with Disaster and the Road to Recovery". Using the keywords "light and shadow" and "challenges" during the lecture, Governor Uchibori talked about the steps for revitalization and efforts after the compound disaster of the Great East Japan Earthquake and the nuclear accident at TEPCO's Fukushima Daiichi Nuclear Power Station, the issue of harmful rumors which followed as well as the fading of memories related to the disaster over time.

During the question period, the governor explained that the hardest part of post-earthquake and post-nuclear disaster efforts was the response towards construction of the Interim Storage Facility. When asked what made his work worth it, he replied that he receives strength and energy every time he meets people who continue to strive towards revitalization in their respective regions.

## Publication of "Commemorative Booklet on Activities Supporting the Revitalization of Fukushima Prefecture by Overseas Fukushima Kenjinkais" 10 years after the disaster

Since the Great East Japan Earthquake, Fukushima has received countless heartwarming words of encouragement and support from Overseas Fukushima Kenjinkais. In March 2021, the tenth anniversary of the disaster, the Prefecture published a commemorative booklet compiling records of support and aid for revitalization by Overseas Fukushima Kenjinkais, including messages to residents of the Prefecture from members of these associations.



PDF Version of the "Commemorative Booklet on Activities Supporting the Revitalization of Fukushima Prefecture by Overseas Fukushima Kenjinkais"

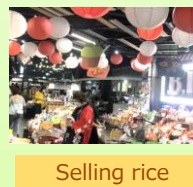
<https://www.pref.fukushima.lg.jp/sec/16005e/kenjinkai.html>

## Exports of agricultural products to Asia are on the rise!



In 2020, the volume of rice exported to Hong Kong and Singapore increased, reaching a record high of 237 tons. Milled rice produced in Fukushima accounted for roughly 57% of milled Japanese rice exported from Japan to Malaysia, making Fukushima the top exporter for three years in a row.

In January 2021, Anpogaki (semi-dried persimmons) were exported to Singapore for the first time ever. We received many positive comments from our customers including, "I was surprised at how juicy it is. It's sweet and delicious."



Selling rice



Selling in Singapore

## Coordinators for International Relations (CIR) sharing information on social media

Fukushima Prefecture's CIRs share information from a foreigner's perspective on "Fukushima Today" through social media. By increasing people's understanding, the aim is to dispel harmful rumors.

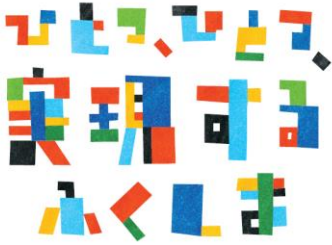
- Sharing information through social media
- Once a week, the charms of Fukushima are showcased and posted in Japanese and English on social media (Facebook, Twitter, Instagram)
- <https://www.pref.fukushima.lg.jp/sec/16005e/fukushima-today.html>
- Creating an informational magazine (3 times a year)



Promoting "Fukushima Today"

Informational magazine volume 3





# From "Future from Fukushima" to "Make it a reality": The new slogan for Fukushima Prefecture

For the tenth anniversary of the disaster, Fukushima Prefecture has created a new slogan from its former, "Future from Fukushima".

"Make it a reality" means continuing to bring each individual's strengths together, connect their thoughts, and mold them into something tangible.

## Fukushima Prefecture outlines

### Basic Data

- Capital: Fukushima City
- Population: 1,819,236 (Feb 2021)
- Area: \*13,783km<sup>2</sup>
- \*Evacuation designated zones: 337km<sup>2</sup> (Mar 2020)

### Access

- Roughly 200km away from Tokyo
- JR Tohoku bullet train
  - Tokyo-Koriyama JR Station 80 min
  - Tokyo-Fukushima JR Station 90 min
- NEXCO Highways
  - Tohoku expressway
  - Joban expressway
  - Ban-Etsu expressway
- Fukushima Airport
  - Fukushima Airport <-> Itami (Osaka)
  - Fukushima Airport <-> New Chitose (Hokkaido)



## Fukushima Revitalization Station Portal site of revitalization progress



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



### What's New

- 2016年12月12日更新: Health of residents of the prefecture
- 2016年12月6日更新: Transition of evacuation instruction zones
- 2016年11月29日更新: Damage caused by earthquake and seismic sea wave (tsunami)
- 2016年11月23日更新: QA - Monitoring of radioactive substances in agricultural products
- 2016年11月23日更新: Innovation coast initiative

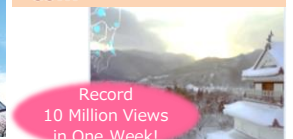
### To the extensive skies from Fukushima



### Lonely Planet Nikko & Aizu



### Diamondroutejapan.com



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