



- Fukushima Today - Steps for Reconstruction and Revitalization in Fukushima Prefecture



JR Tadami Line resumed full operations.

On 1 Oct. 2022, the track between Aizu-Kawaguchi station and Tadami station, which was severely damaged by the torrential rains in Niigata and Fukushima prefectures in 2011, was fully restored and the line resumed full operations for the first time in about 11 years. Many people who had waited for the resumption of full operations gathered at the commemorative event.

Fukushima Prefecture

27 Dec. 2022
New Fukushima Revitalization Promotion
Headquarters

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Towards achieving revitalization

As 11 years and 9 months have passed since the Great East Japan Earthquake and nuclear disaster, revitalization in Fukushima has been making steady progress thanks to the great efforts made by the residents of Fukushima and the warm support from within Japan and other countries around the world. This includes the lifting of evacuation orders including the Special Zones for Reconstruction and Revitalization (SZRR) of Katsurao Village and the towns of Okuma and Futaba, the re-establishment of the living environment and the resumption of full operations of JR Tadami line for the first time in 11 years.

On the other hand, about 29,000 residents of the prefecture are still living as evacuees (as of Sept. 2022). In addition, the Prefecture is faced with a pile of unique issues such as rebuilding the livelihoods of disaster affected residents, population recovery through the return and relocation of residents, revitalization of local industries, fighting deeply rooted harmful rumours and fading memories of the disaster, measures for the contaminated treated water and decommissioning of the reactors etc.

Prerequisite measures for revitalization

- Promoting safe and steady initiatives for decommissioning
- Responsibly dealing with work related to the disposal of ALPS-treated water

Dismantling of the Unit 1 and 2 exhaust stacks



⇒P.11



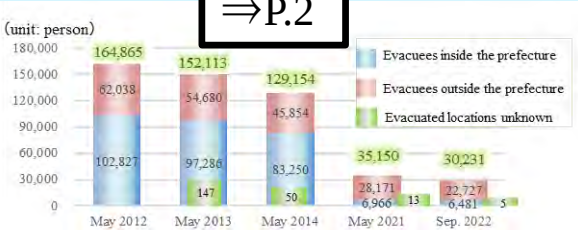
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Photo provided: TEPCO

Revitalization efforts still in progress

- About 29,000 people remain in a state of evacuation
- Final disposal of contaminated soil outside the Prefecture within 30 years after launching the Interim Storage Facility
- Measures against deeply rooted harmful rumours and fading memories of the disaster
- The disparity between the price of Fukushima's agricultural, forestry and fisheries products and the national average price still remains

⇒P.2



Period	Evacuees inside the prefecture	Evacuees outside the prefecture	Evacuated locations unknown
May 2012	102,827	62,033	164,865
May 2013	97,286	54,680	152,113
May 2014	83,250	45,854	129,154
May 2021	35,150	28,171	63,150
Sep. 2022	30,231	22,727	52,958

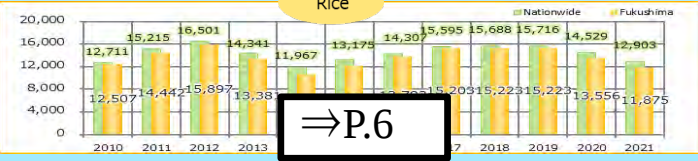
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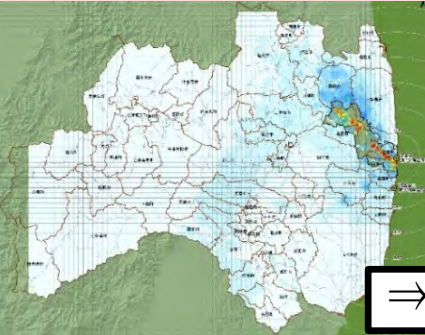


Year	Nationwide	Fukushima
2010	12,711	12,507
2011	15,215	14,447
2012	16,501	15,897
2013	14,341	13,381
2014	11,967	11,967
2015	13,173	13,173
2016	14,307	14,307
2017	15,595	15,595
2018	15,688	15,688
2019	15,716	15,716
2020	14,529	13,556
2021	12,903	11,875

Revitalization efforts that have shown great progress

- Atmospheric radiation levels have significantly dropped
- Promotion of tourism
- Development of transportation networks such as roads
- Promotion of the Fukushima Innovation Coast Framework initiatives
- Export promotion for produce grown in Fukushima
- Passing down the records and lessons of the complex disasters to future generations

⇒P.1



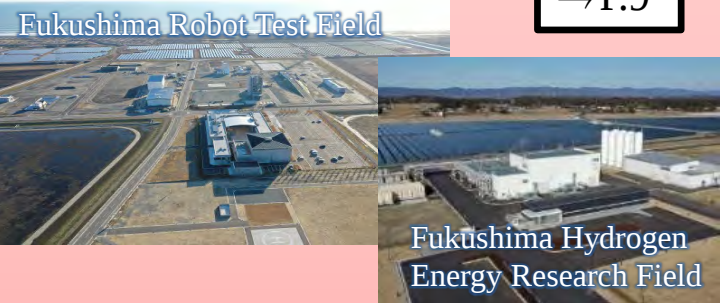
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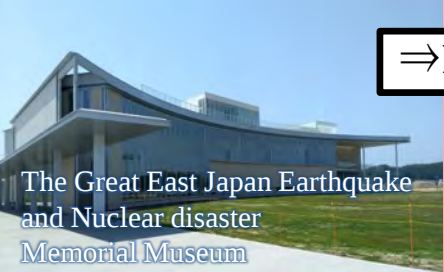
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⇒P.10



It is necessary to flexibly and carefully respond to new challenges which arise as revitalization progresses as well as the different issues faced in different areas according to their revitalization progress, and to realize them one at a time.

Promoting the reconstruction and revitalization of Fukushima to transform it from a "disaster affected area" to a "revitalization area"

1. Revitalization efforts and challenges

1

(1) Decontamination

Decontamination of prefectural land has been completed in all areas except for the Difficult-to-return Zone. Atmospheric radiation levels in the Prefecture have significantly dropped, and are the same as other major cities throughout the world.

○ Municipality led decontamination

Completed in Mar. 2018

Area the national government conducts decontamination
(Blue, Light Blue)

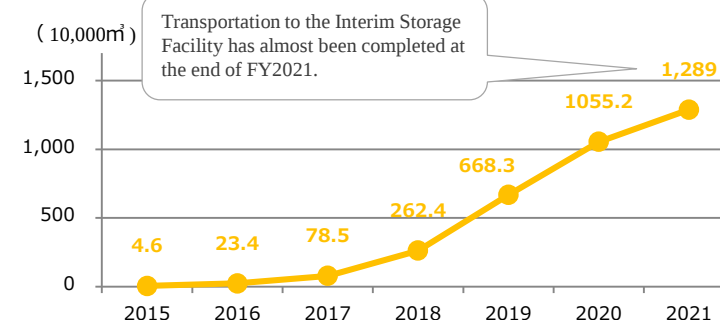
Area each municipality conducts decontamination
(Orange, Green)



(Flow of decontamination: Diagram)



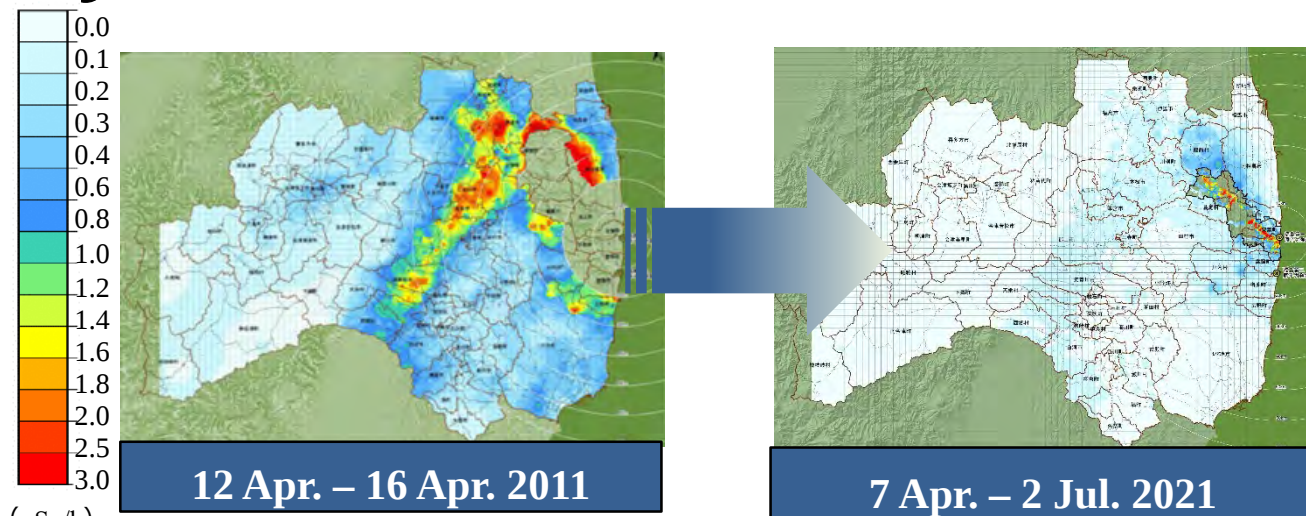
(Accumulation of transportation volume into the interim storage facility and future perspective)



Transportation to the Interim Storage Facility has almost been completed at the end of FY2021.

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 Mar. 2045).

○ Air radiation dose in Fukushima Prefecture



Bases for comprehensive efforts towards environmental recovery and creation

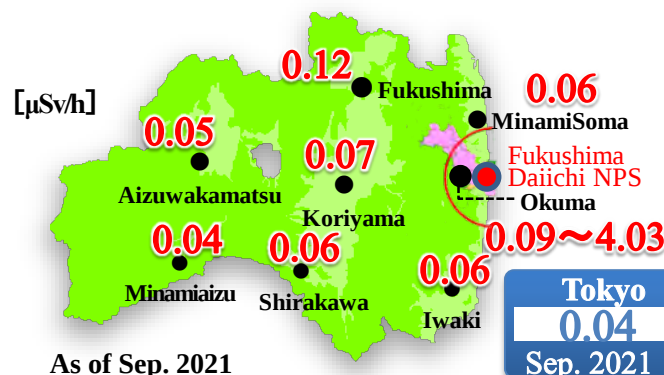
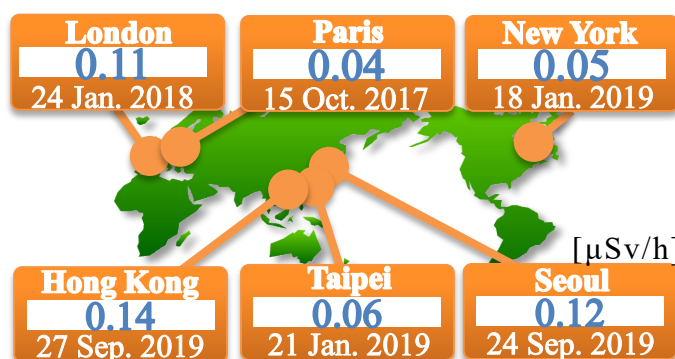
Environmental Radiation Monitoring Centre (Minamisoma City)



Environmental monitoring,
research information release
education, training, exchanges

Environmental monitoring around the NPS

Fukushima Prefectural Centre for Environmental Creation Main Facilities (Miharu Town)



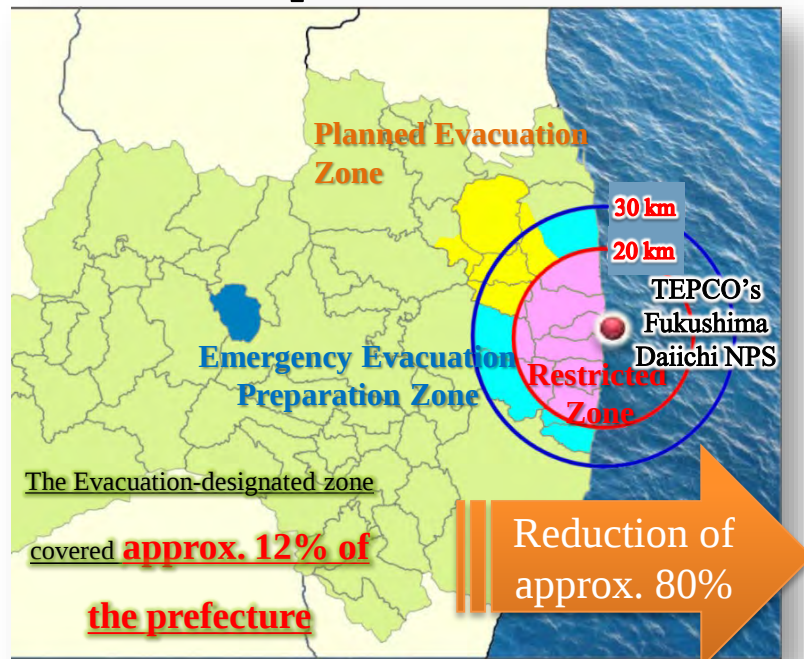
【Challenges and Responses】

- Restoration of the land used for Temporary Storage Sites and returning back the land
- Safe maintenance and operation of the Interim Storage Facility as well as safe and secure transportation of contaminated soil
- Final disposal of contaminated soil outside of Fukushima Prefecture
- Decontamination and demolition of houses in the Difficult-to return Zone (except for Special Zones for Reconstruction and Revitalization)

(2) State of Designated Evacuation Zones and Changes in Number of Evacuees

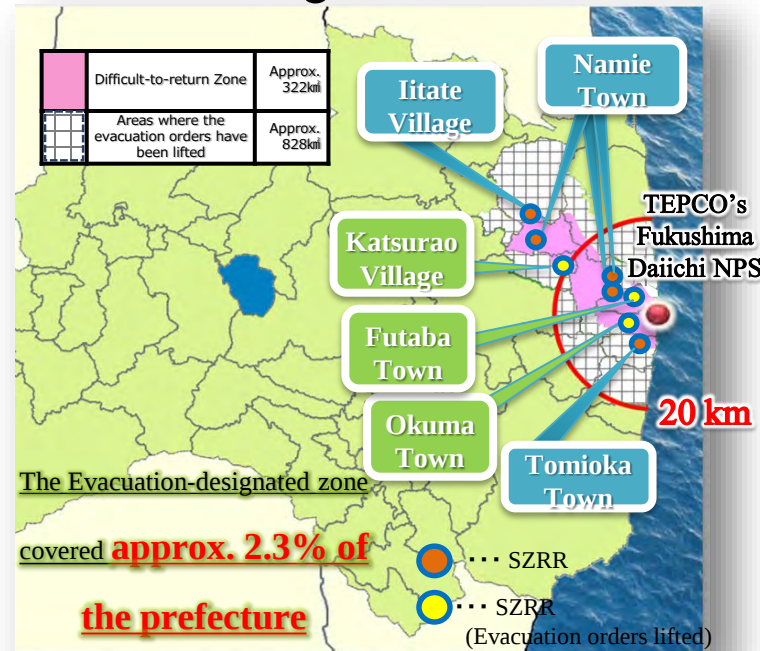
Progress is being made on the lifting of evacuation orders in accordance with the creation of an environment which people can return to. The proportion of the area of the prefecture under evacuation orders has reduced from approx. 12% to approx. 2.3%.

○ As of 23 Apr. 2011

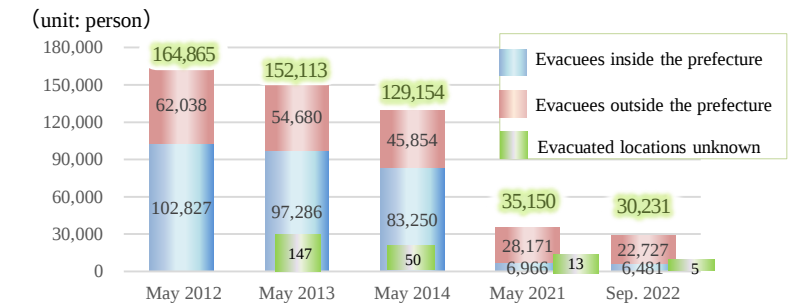


*The area of the Evacuation-Designated Zone includes the former Emergency Evacuation Preparation Zone.

○ As of 30 Aug. 2022 - Present



◆ Transition of evacuees: Earthquake, Tsunami, NPS accident



(Reference)
Change in the
population of
Fukushima Prefecture

	No. of households	Population (persons)
Mar. 2011	721,535	2,024,401
Nov. 2022	748,196	1,788,873
Change	26,661	△ 235,528

(Source) Estimated population of Fukushima Prefecture (Monthly report from a survey on resident population)

(Special Zones for Reconstruction and revitalization)

Areas within the Difficult-to-return Zone where residence would have been restricted into the future but was made possible when evacuation orders were lifted.

In Aug. 2021, the national government announced a policy to work towards lifting evacuation orders so that residents who wish to return are able to do so during the 2020s. This is after the government understood the intention to return of individual residents living outside of the SZRR and after decontaminating the areas necessary for the return. (It was a basic policy to lift evacuation orders in order to help evacuees return to and reside in areas outside the SZRR).

	Total area	Target for lifting evacuation orders	Start of preparatory accommodations
Futaba Town	approx.555ha	30 Aug. 2022 (lifted)	-
Okuma Town	approx.860ha	30 Jun. 2022 (lifted)	-
Namie Town	approx.661ha	Mar. 2023	Sep. 2022
Tomioka Town	approx.390ha	Around Spring 2023	Apr. 2022
Iitate Village	approx.186ha	Around Spring 2023	Sep.2022
Katsurao Village	approx.95ha	12 Jun. 2022 (lifted)	-

Proportion of residents in the 12 municipalities of the evacuation areas (Oct. 2022)

Period when orders were lifted	Category	Municipalities	Rate of residents
—	—	Hirono Town	90.3%
2014	Lifted for whole area	Tamura City (Miyakoji District)	85.4%
2015	Lifted for whole area	Naraha Town	64.2%
2016	Partially lifted	Katsurao Village	35.6%
2022	Partially lifted (SZRR)		
2016	Lifted for whole area	Kawauchi Village	82.8%
	Partially lifted	Minamisoma City (Odaka District)	60.6%
2017	Lifted for whole area	Kawamata Town (Yamakiya District)	49.0%
	Partially lifted	Namie Town	12.3%
	Partially lifted	Iitate Village	31.1%
	Partially lifted	Tomioka Town	17.6%
2019	Partially lifted	Okuma Town	4.0%
2022	Partially lifted (SZRR)		
2020	Partially lifted	Futaba Town	About 0.7%
2022	Partially lifted (SZRR)		

*The rate of residents is calculated using figures from municipal websites.

【Challenges and Responses】

- Decontamination and demolition of houses and restoration of public infrastructure in the Special Zones for Reconstruction and Revitalization
- Lifting of evacuation orders to the whole area of the Difficult-to-return Zone
- Maintaining a support system and consultation services for evacuees
- Creation of an environment for people to return that includes shopping, healthcare and welfare, education, transportation, and wildlife damage control

(3) Health of Fukushima residents

The Prefecture is aiming to become one of the longest-living and healthiest prefectures in Japan by implementing the Fukushima Health Management Survey and projects for healthy life expectancy.

○ The Fukushima Health Management Survey

◆ Basic Survey (As of 21 Mar. 2021)

- External exposure doses were estimated for a 4-month period immediately after the nuclear accident to 11 Jul. 2011, based on a self-administered questionnaire.
- Results of estimate on external exposure dose (All citizens surveyed)
Ratio of dose from 0 to 2mSv accounts for 93.8% of all.

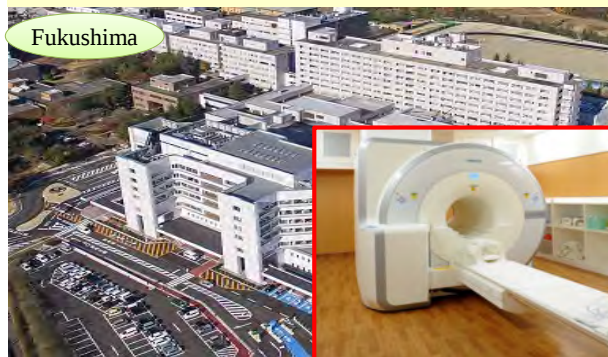
◆ Detailed Survey (Thyroid Ultrasound Examination)

- It covers residents of Fukushima Prefecture aged 18 years and younger at the time of the disaster.
- *Preliminary Baseline Screening: FY2011-FY2013
Full-scale Thyroid Screening: FY2014-
- (Primary Examination) Ultrasonography
(Confirmatory Examination) Advanced ultrasonography, blood test, etc.



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

Fukushima Global Medical Science Center



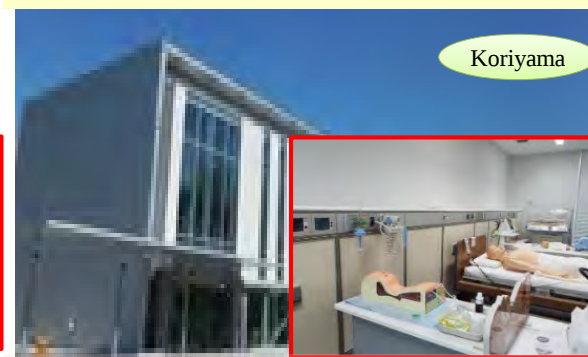
Base for supporting the revitalization of Fukushima on the medical front

School of Health Sciences Fukushima Medical University



Training medical professionals responsible for local medical care.

Fukushima Medical Device Development Support Centre



Promotion of the domestic medical equipment industry and improving medical skills through training.



○ The Projects for a Long and Healthy Life

Health indices in Fukushima have been lower than the national average since the disaster; as such, the Prefecture will take measures to promote the health of residents focusing on the three pillars of food, exercise, and social participation. This is so that everyone can review their lifestyle and improve their physical fitness while getting to know and understand their health.

健康ふくしまポータルサイト

Created a web portal site to present information about health promotion in Apr. 2021.



【Challenges and Responses】

- Reducing the residents' concerns about the health effects of radiation
- Securing nursing personnel and support the operation of caregiving facilities.
- The number (or rate) of people with metabolic syndrome, child obesity is high, compared with the national average
- Extending people's healthy life expectancy by encouraging a healthy lifestyle
→The number of people who died from lifestyle diseases: Fukushima ranked the tenth-worst prefecture in Japan. (706.9 per 100,000 people (as of Feb. 2020))
- Educating the next generation through child health promotion programs.
- Increasing cancer screening rates

(4) Re-establishing the living environment for people to return and relocate

Re-establishment of the living environment has been progressing for people to return and relocate with the development of facilities such as public housing, commercial facilities and medical and caregiving services.

◆ Revitalization Public Housing



Iwaki City:
Iwasaki housing complex

◆ Shopping facilities



Namie Town:
Roadside-Station "Namie"

◆ Medical and caregiving services

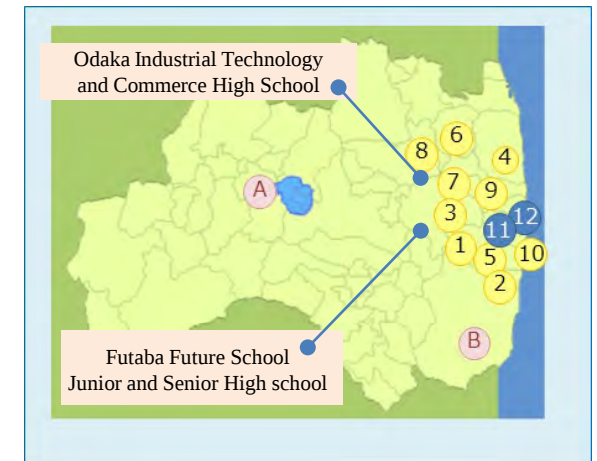


Tomioka Town: Futaba Medical
Center-affiliated Hospital

◆ Educational facilities



Odaka Industrial Technology and
Commerce High School



Okuma Town:
Disaster public housing

Grand opening on 17 Oct. 2021



Okuma Town: Okumart, Hot Okuma,
and Linkru Okuma complex facilities



Multi-purpose
medical helicopter



Futaba Future School
Junior and Senior High school

1. Locally reopened schools

1	Kawauchi Village	Apr. 2012-	5	Naraha Town	Apr. 2017-	9	Namie Town
2	Hirono Town	Aug. 2012-	6	Iitate Village	Apr. 2018-		*Jun. 2021 A temporary school in Nihonmatsu closed
3	Miyakoji District Tamura City	Apr. 2014-	7	Katsurao Village	Apr. 2018-	10	Tomioka Town
4	Odaka District Minamisoma City	Apr. 2017-	8	Yamakiya District Kawamata Town	Apr. 2018-		*Mar. 2022. A temporary school in Miharu Town closed

2. Schools moved to evacuation sites (Remain at the sites)

11	Okuma Town	→	A	Aizuwakamatsu City
12	Futaba Town	→	B	Iwaki City

◆ Efforts in evacuation areas to promote relocation

Fukushima Prefecture's Relocation Support Centre for 12 Municipalities

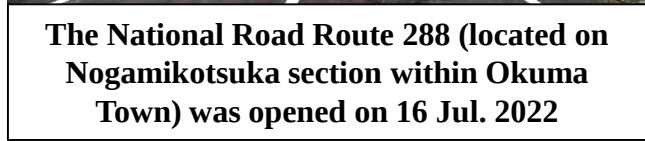
In Jul. 2021, a support centre was established in the Prefectural Tomioka Branch Office to promote relocation and settling down in the former evacuated 12 municipalities, and to support projects with effective wide-area collaboration and measures to help relocation. While focusing on the efforts to have people return which we have promoted so far, we are working to encourage people from outside the Prefecture to relocate and increase the number of people visiting the area. Also, the "Future Work Fukushima" website, which gathers information about jobs, housing, support systems, etc., has been created to increase information sharing to people in their 20s and 30s who are interested in revitalization. We are working to accelerate efforts towards revitalization in the Prefecture by inviting mainly young people across the country to support revitalization.



【Challenges and Responses】

- Continuing to provide consultation regarding housing and rebuilding of livelihoods, as well as looking after residents, providing support for everyday life and, and community building
- Providing a comprehensive medical and caregiving system based on the needs of residents
- Resumption rate of medical institutions: 38% (as of Nov. 2022)
- Further promotion of distinctive and engaging education
- Encouraging people from outside the Prefecture to relocate and settle down as well as increasing the number of people visiting the Prefecture

◆ Transportation networks such as roads



- Reconstruction of public works facilities and coasts in the Difficult-to-return Zone
- Development of the Fukushima Reconstruction and Revitalization road
- Development of roads in the 12 municipalities where evacuation orders had been issued

Although the prices of Fukushima products are on a recovery trend, some items have not recovered to pre-disaster levels. On the other hand, compared to the period before the disaster, the export volume is increasing, hitting a record high in FY2021.

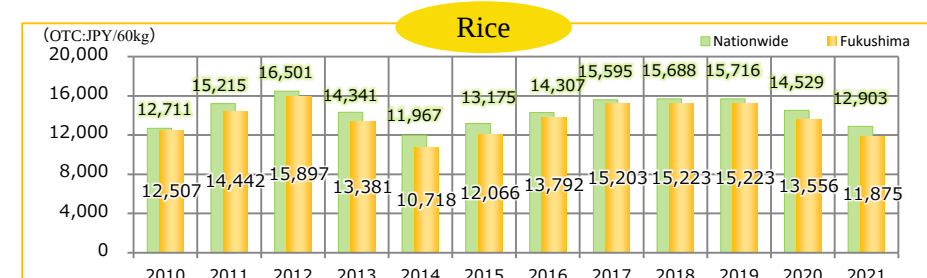
○Agricultural product exports



Exports of agricultural products to Asia are on the rise!

○ Transition of the price for most Fukushima agricultural products

The disparity between the price: 1,028JPY



~Import restrictions on food products from Fukushima~ (As of 26 July . 2022)

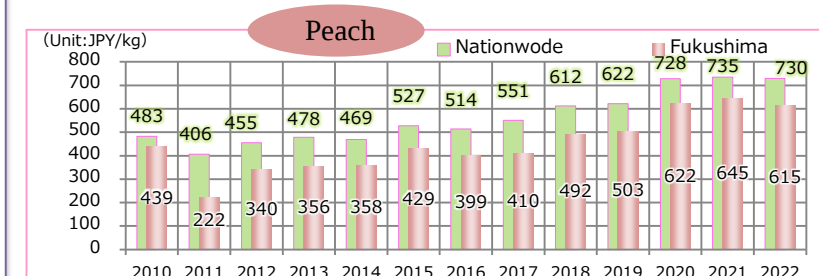
- Countries and regions imposing an import ban on a wide range of products produced in Fukushima (3) China, Hong Kong, Macao
- Countries and regions imposing an import ban on some of the products produced in Fukushima (2) Korea, Taiwan
- Countries and regions allowing import of foods only when inspection certificates are attached (7) French Polynesia, EU, Iceland, Norway, Switzerland, Russia, Liechtenstein

The number of countries and regions imposing import restrictions on food products from Fukushima

- Immediately after the nuclear accident 55
- As of 26 July 2022 12

*Restrictions lifted in 43 countries and regions

The disparity between the price: 115JPY



Debut of a new rice brand "Fuku Warai"



- The top brand of sweet, fragrant, and plump rice developed over the course of 14 years in an attempt to create the best rice in Japan
- Making "Fuku Warai" a driving force to improve the image of all the rice produced in Fukushima and to increase sales prices.

Fostering human resources for the fisheries industry



Fostering human resources for the forestry industry



Total sales of the online store reached a record 3 billion yen in FY2021

Buy seasonal Fukushima products online! Fukushima Pride Delivery Service

Just look for "Fukushima's agricultural, forestry, and fisheries products and specialty products" at the shopping sites available.



<https://fukushima-pride.com/?lang=en>

Farming has resumed in the affected areas



Nexus Farm Okuma Corp. (Okuma Town)

Wildlife Damage



Wild boars captured in a cage trap

【Challenges and Responses】

- Regaining the price of agricultural products to the national average (Promoting branding of Fukushima products)
- Further accelerating the resumption of farming, developing and demonstrating advanced technology, securing new manpower
- Area of farmland in the 12 disaster affected municipalities where operations can be resumed. Progress rate: 42.6% (Mar. 2022)
- Countermeasures against damages on agricultural crops caused by wildlife such as wild boar, etc.
- Promoting measures against radioactive materials necessary for the maintenance of forests as well as revitalizing the forest areas for logs and minor forest products
- Resumption of coastal fishery, support for expanding market channels, securing and fostering human resources for fishery operators and management entities