

# The 2011 off the Pacific coast of Tohoku Earthquake



Situation Report 9

2011.03.27



*Source: "Reuters/ALY SONG, courtesy Trust.org - AlertNet"*

SEEDS Asia

[www.seedsasia.org](http://www.seedsasia.org)

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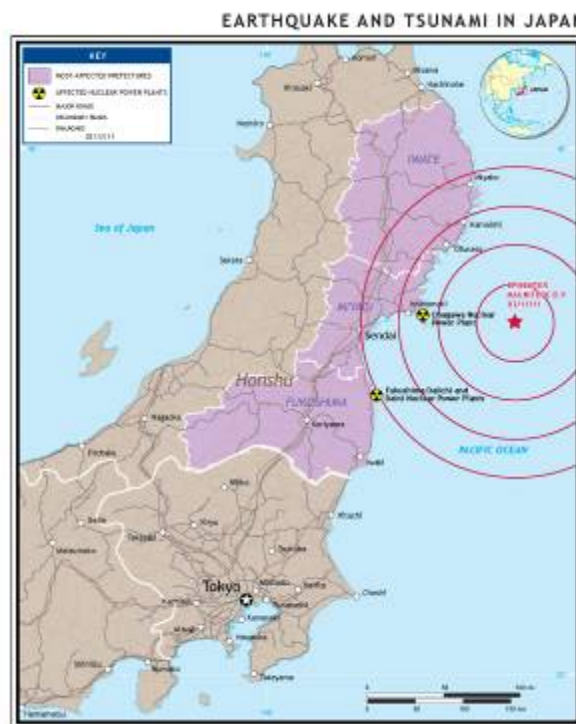
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## I. Overview

With the massive earthquake and the following tsunamis happened on 11 March 2011 (14:46 JST), the death toll is still raising and reached 10,633 today. The casualties and missing are expected to exceed 27,000, the worst number of loss Japan has experienced since 1896 Meiji Sanriku Earthquake, as there is still great number of people who are not reachable. With the earthquake and the following tsunamis, there are 135,000 building that are reported to fully and partially damaged.

There are about 19,300 evacuees in 1,933 shelters as of the time of reporting. In Miyagi Prefecture, there are nearly 83,537 evacuees including those who are also from Fukushima Prefecture. People near Fukushima Nuclear Power Plants continue evacuating to surrounding Prefectures and it is expected that the number will continue to increase. Prolonged stay in shelters are affecting health problem of already vulnerable evacuees. At the same time, many people started to return their home where they became out of the relief distribution loop. The metrological agency reported severe coldness in the affected area in coming days. According to Ministry of Health, 490,000 households are out of water in 10 Prefectures.

With great efforts by the Japanese government, local governments, National Council of Social



SOURCE: GEOGRAPHIC INFORMATION UNIT, USAID/DCHA/OFDA

Welfare, local/international NGOs, and other players, relief items started to reach the affected communities despite limited availability of transportation fuel. Steady relief supplies started to flow into the affected cities, towns and villages, coordination and distribution are huge challenge at some local government level due to limited human resources and loss of basic residents' information. In Kesen'numa city, Miyagi Prefecture, a leading logistics company will start relief item delivery operation from 28 March, very first trial by public sector in disaster relief operation, considering increasing work load to municipality staffs. In the affected area, close to 30 local radio networks keep broadcasting relief operations (some do in multi-language), yet localized vital information is not reaching the most needed due to lack of information receivers. Internet-based information is accelerating the overall emergency response within/from outside, affected aged community are still not in this loop.

While efforts to cool the Fukushima Daiichi Nuclear Power Plant continues, radiation leak is affecting communities in Fukushima and nearby Prefectures as reports on excess amounts of radioactive materials detected in some vegetables, raw milk, tap water and sea water. Media reported that the level of radioactive substance is stabilizing. The concern for tap water contamination in Tokyo and surrounding Prefecture are growing.

This report will further include the following information: 1) Situation by Affected Prefectures, 2) Relief Operation by Japanese Humanitarian NGOs, 3) <Map>Active Japanese Humanitarian Organizations, 4) <Chart> Relief Operation by Japanese Humanitarian Organizations in Major Affected Cities, and 5) Relief Supply Needs.

As part of our response to the Tohoku earthquake, SEEDS Asia is supporting the affected communities by compiling humanitarian information on the ground in the affected area to be disseminated to the greater humanitarian community.

## II. Relief Supply Needs and Coordination

The relief operations started to gear up as logistics situation improves (route openings and availability of fuel for emergency supply vehicles). Number of evacuation center is decreasing as people started to return home or shift to bigger shelters seeking for better assistance. While there are massive amount of basic relief supplies still needed in the affected area, need for the relief supply started to vary. The need will change continuously and vary by demography of evacuees, and its pace varies by affected municipalities. There are some initiatives to centralize such information and best match the need and the supply. In this effort, Civic Force has disclosed a list of 119 required supply item through its on-the-ground survey. Japanese NGOs on the ground are focusing on the least supported population and supply needs through coordinating with local

municipalities, the National Council of Social Welfare as well as local volunteer centers set up at each Prefecture. Two weeks since the disaster incident, basis emergency relief items are steadily delivered to the shelters. Prefecture based local volunteer centers are focusing on coordination with other volunteer centers as well as specialized NGOs to best meet the various needs of the affected. Information management is a crucial challenge at this moment.

### III. Situation by Affected Prefectures

#### Iwate Prefecture



- 3,152 **deaths** and 7,895 **missing**
- 42,923 **evacuees** at 370 **shelters**
- 50,000 households out of water
- **Electricity:** 35,038 household without electricity
- **Gas:** 7,000 households without gas
- Iwate Pref. decided to build 8,800 **temporally shelters** starting on 19 Mar 2011
- **Logistics:** Hanamaki Airport operates 24H since 17 Mar, Kamaishi port reopened on 16 Mar, Ofunato and Kuji open
- Tohoku Express Way open to all the vehicles (24 Mar -)

#### Miyagi Prefecture



- 6,477 **death** and 6,671 **missing**
- 83,537 **evacuees** currently at the 609 **shelters**
- 330,000 households out of water
- Miyagi Pref. plans to build 10,000 **temporally shelters** which will take 6 months to 1 year to house all the evacuees
- Minamisanriku still out of any lifeline but electricity will be available in early April
- Sendai airport under recovery process, 13km<sup>2</sup> still submerged

## Fukushima Prefecture



- 946 **deaths** and 5,997 **missing**
- 31,264 **evacuees** at 284 **shelters**
- 59,971 households out of water
- 10,819 households out of Gas
- Evacuation advice within 30km is slowing the relief operation
- Number of evacuees is growing with the evacuation advice

## IV. Relief Operation by Japanese Humanitarian Organizations\*

### 1. Support to NGOs

- **Charity Platform** JustGiving project collected more than JPY 220mil to support **Civic Force**, launched website to collect relief items from small scale supporters for better coordination with the affected area.

### 2. List of active organizations in the affected area

- **AAR (Association for Aid and Relief)** : fuel, water, food, NFIs distribution focusing on elderly and disabled facility in Kesen'numa, Minamisanriku, Sendai, Iwanuma, Ishinomaki, Higashi Matsushima city, Yamamoto town, Miyagi Pref as well as Oduchi town, Iwate Pref.
- **ADRA Japan (Adventist Development and Relief Agency)**: food and emergency relief item distribution in Sendai, Osaki, Higashi Matsushima city, Miyagi Pref.
- **AMDA (Association of Medical Doctors of Asia)**: doctors, nurses, and coordinators, providing medical assistance and distribution of basic supplies in Minamisanriku (shifted from Sendai city), Miyagi Pref and Kamaishi city and Oduchi town, Iwate Pref.
- **CARE**: emergency relief items arrived Kamaishi city, Iwate Prefecture.
- **Child Fund**: distributed hygiene products in Minami Soma City, Fukushima Pref.
- **Civic Force** : Disclosed a list of 119 required relief items, started largest private regular logistics service with ten 4-ton trucks.
- **FIDR (Foundation for International Development/Relief)**: distribution of snacks in Kesen'numa and Minamisanriku, Onagawa, Miyagi Pref., Shiogama, Iwate, according to Miyagi Pref., there are many children taking refuge in Minamisanriku.
- **Good Neighbors**: relief and hygiene products distribution in Kamaishi and Oduchi town, Iwate Pref.
- **HuMA (Humanitarian Medical Assistance)\*** medical assistance in Minamisanriku, Miyagi

- **JAFS (Japan Asian Association and Asian Friendship Society)**: providing food, NFI in Tome and Minamisanriku, Miyagi Pref.
- **Japan Heart**: providing medical care in Miyagi prefecture, disseminating psychological care information through its website
- **JEN** : food and basic relief items distribution Sendai, Miyagi Pref., accepting listed in-kind donation from public in weekly basis.
- **JIFH (Japan International Food for the Hungry)**: distribution of food and basic supplies in Sendai city and Date city, Fukushima, and Kesen'numa, Higashimatsushima and Tagajo, Miyagi. with international aid workers joining its base camp, relief items are also collected from Western part of Japan and its US partner.
- **JPF (Japan Platform)** : distributing food, water in Sendai city, coordinating JPF member organizations.
- **JVC (Japan Volunteer Center)**: basic medical supply item distribution in Natori city, Miyagi, relief items in Ishinomaki, Miyagi.
- **KnK**: distribution of basic relief item and baby formula milk in Kita Ibaraki city, Ibaraki Pref (finished). and childcare/education in Rikuzentakata, Iwate.
- **MSF**: providing medical assistance and emergency relief items in Tome/Kesen'numa city, Minamisanriku cho, Miyagi Pref.
- **The NGO collaboration center for HANSHIN QUAKE Rehabilitation/CODE**: providing food in Natori city, Miyagi prefecture, based in Tono city, Iwate coordinating volunteer activities
- **NICCO** : medical assistance (including psychological care), toiletries distribution, portable toilet set-up Natori and Iwanuma city, Miyagi Pref. and site investigation in Rikuzentakata city, Iwate Pref.
- **Plan Japan**: providing psychological care for children at teachers training event, toys and books in Tagajo, Miyagi.
- **PWJ (Peace Winds Japan)**: operation in Ofunato and Rikuzentakada, Iwate Pref., Minamisanriku and Kesen'numa, Miyagi Pref.
- **Rocinantes**: providing medical assistance in Natori, Iwanuma city, Miyagi Pref.
- **Shaplanner**: providing food and relief items in Kita Ibaraki city, Ibaraki Pref.
- **SHARE**: medical assistance in Natori city, Miyagi Pref., providing medical need information in English
- **Shanti**: distribution of relief items and food in Kesen'numa, Miyagi Pref.
- **World Vision Japan (WVJ)**: distribution of water, toiletries in Tome City and Minamisanriku, Miyagi Pref.

### 3. List of other humanitarian organizations

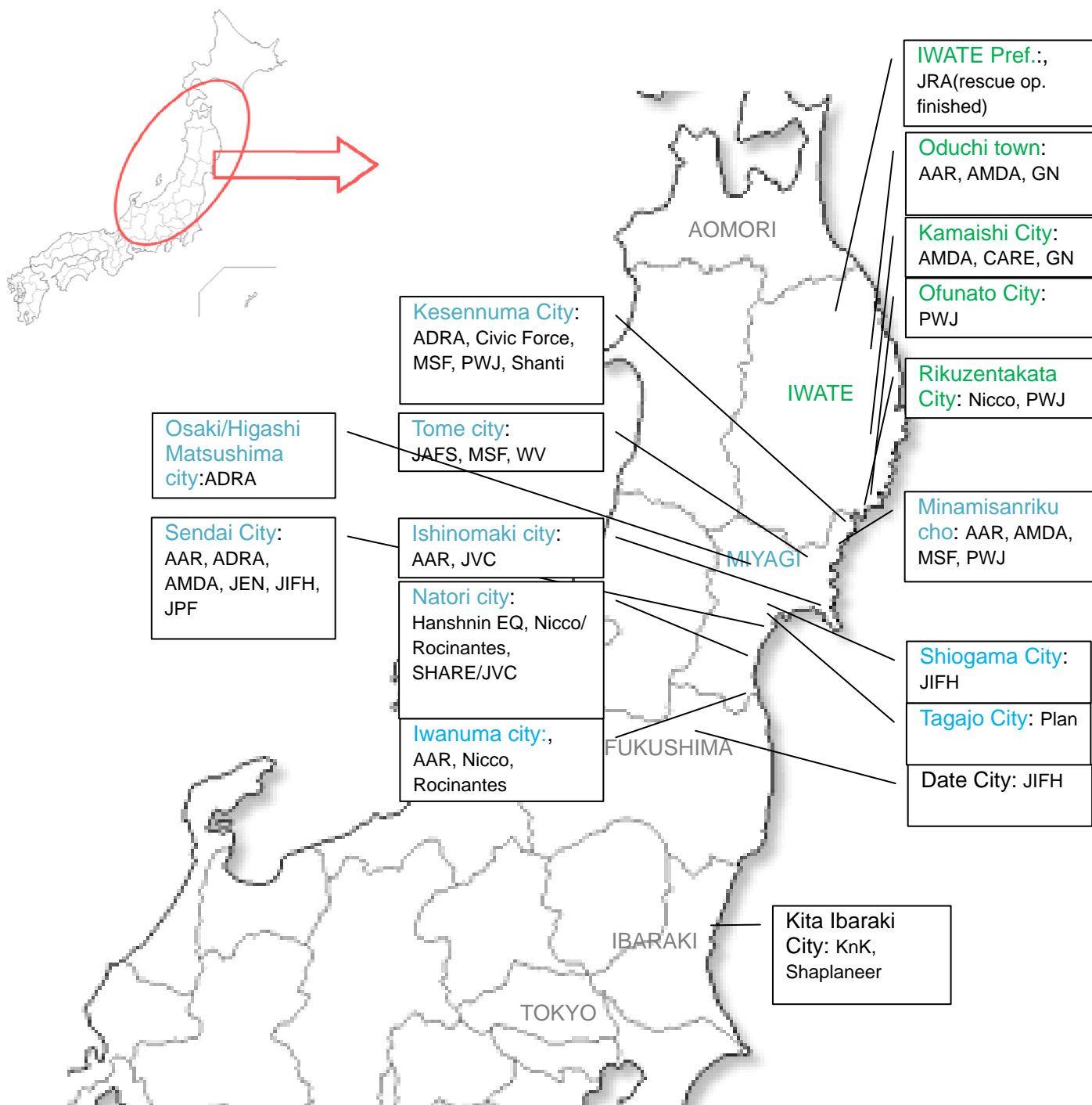
- **BHN (Basic Human Needs Association)**: planning on temporary internet infrastructure installation and distribution of communication tools, Tono city, Iwate Pref.
- **Caritas Japan**: planning psychological care

- **FMYY**: broadcasting relief information in multi-language through local radio networks
- **JRA (Japan Rescue Association)** : rescue activity was called off 17 March in Iwate Pref., team to return HQ.
- **SEEDS Asia**: information assistance and coordinating Asian Disaster Relief NGOs
- **Shanti Volunteer Association(SVA)** : planning to dispatched staff to disaster areas
- **Tohoku area pacific offshore earthquake multi-language support center**: providing multi-language disaster related information
- **Oxfam Japan**: planning support for pregnant women and small children with JOICFP, information assistance through distribution of portable radios (15,000units)..

There are more organizations currently consolidating their support plans and accepting donations. Some international NGOs are providing assistance through their local partners, and more are gearing up to start their operations as soon as Japanese government further clarifies its stance. SEEDS Asia will continue monitor their activities.

*\*Information compiled from press release and website of each organization mainly found in Japanese. Please refer to their website for more detailed information.*

V. <Map> Active Japanese Humanitarian Organizations\*



\*Information compiled from press release and website of each organization. Please refer to their website for more detailed information.



## VI. Relief Operation by Japanese Humanitarian Organizations in Major Affected Cities\*

Prefecture (# of evacuees)	IWATE (43,879)						FUKUSHIMA (89,156)	IBARAKI	
	Miyako	Yamada	Oduchi	Kamaishi	Ofunato	Rikuzentakata		Iwaki	Kita Ibaraki
City/Town (# of evacuees)	(5,411)	(4,390)	(5,700)	(6,347)	(6,068)	(13,310)			
Food/Water			AMDA		PWJ	PWJ	JIFH	Shaplaneer	Shaplaneer
NFI			AAR, AMDA, GN	AMDA, CARE	PWJ	KnK, PWJ	JIFH		Shaplaneer, KnK
Health			AMDA	AMDA					
Psychological Care									
Sanitation									
Communication tool									
Education						KnK			

Prefecture (# of evacuees)	MIYAGI (85,039)													
City/Town (# of evacuees)	Sendai	Ishinomaki	Shiogama	Kesen'numa	Natori	Tagajo	Iwanuma	Tome	Higashi Matsushima	Watari	Yamamoto	Shichigahama	Onagawa	Minamisanriku
	(5,593)	(26,084)	(955)	(13,345)	(1,821)	(3,266)	(788)	(686)	(9,010)	(2,348)	(3,440)	(1,121)	(2,584)	(9,500)
Food/Water	AAR, ADRA, JEN, JIFH	AAR, JVC	FIDR	AAR, CF, Shanti, FIDR, JIFH, PWJ	Hanshin		AAR	JAFS, WV	AAR, JIFH		AAR		FIDR	AAR, FIDR, JAFS
NFI	AAR, ADRA, JIFH	AAR, JVC		AAR, CF, PWJ, Shanti	Nicco		AAR, Nicco	JAFS, WV	AAR		AAR			AAR, AMDA, PWJ, WV
Health				MSF	Nicco, SHARE, Rocinantes, JVC		Nicco, Rocinantes	MSF						AMDA, HuMA, MSF
Psychologic al Care														
Sanitation					Nicco		Nicco							
Communica tion tool				PWJ										
Education														

*\*Information compiled from press release and website of each organization mainly available in Japanese. Please refer to their website for more detailed information. The chart does not cover assistance by Japanese government, self-defense force, police and international organizations.*

*-Organization names colored in light grey = finished operation*

## VII. Contact Information

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*SEEDS Asia takes an integrated and interlinked approach to disaster management and environmental conservation within the overall umbrella of human security, to ensure safer communities in the Asia Pacific region.*

*A registered non-profit organization located in Kobe, Japan, members of SEEDS Asia come from a broad range of backgrounds that are collectively pooled to promote community-based disaster management.*

*SEEDS Asia worked in Indonesia, Maldives, Myanmar, Pakistan, Vietnam and Japan.*