

Progress on treatment of debris from the Great East Japan Earthquake

3 most affected prefectures (excludes Evacuation Area)

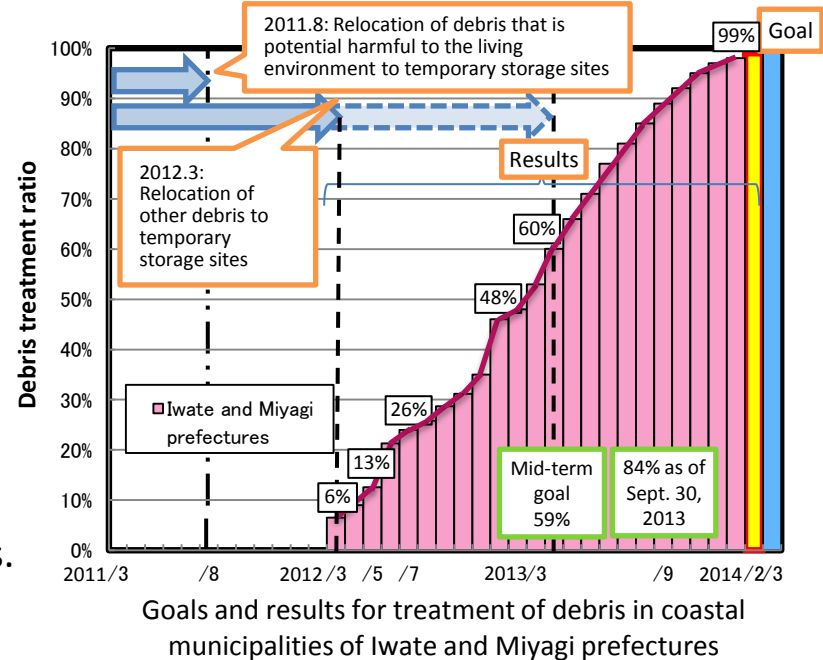
(1) Debris

- Progress in treatment of debris is as follows.
Iwate: 98%, Miyagi: 99%, Fukushima: 71%
(Total for 3 prefectures: 96%)
- In Shinchi town, the treatment ratio of debris is over 90%.
- Treatment is progressing steadily.
- In Miyagi prefecture, the treatment of debris that has been consigned from a devastated municipal government has been finished March 12.

(2) Tsunami deposits

- Progress in treatment of tsunami deposits is as follows.
Iwate: 97%, Miyagi: 99%, Fukushima: 46%
(Total for 3 prefectures: 90%)
- Treatment is progressing steadily.
- In Miyagi prefecture, the treatment of tsunami deposits that has been consigned from a devastated municipal government has been finished March 12.

2014.3.26 Ministry of the Environment



Treatment progress in coastal municipalities (as of Feb. 28, 2014)

	Estimated amount of debris and tsunami deposits (10000s tons)	Debris			Tsunami deposits			No. of temporary storage sites
		Estimated amount (10000s tons)	Treated		Estimated amount (10000s tons)	Treated		
			Amount (10000s tons)	Ratio (%)		Amount (10000s tons)	Ratio (%)	
Iwate	574	414	408(388)	98(97)	160	155(145)	97(93)	15
Miyagi	1,877	1,121	1,111(1,106)	99(99)	756	750(739)	99(98)	12
Fukushima	349	174	124(119)	71(68)	175	81(78)	46(44)	27
Total	2,800	1,708	1,642(1,613)	96(95)	1,091	987(961)	90(89)	54

* Figures in () are the results from January 31, 2014.

Treatment in the disaster-affected areas

- 98% of debris has been removed to temporary storage sites, and removal has been completed at 23 municipalities (out of 32 coastal municipalities). The number of temporary storage sites has decreased to 54 (17% of the peak number). The remaining demolition and removal work is being carried out so that treatment will be completed by March 2014.
 - 5 temporary incinerators and 11 sorting and shredding facilities are now operating in Iwate, Miyagi, and Fukushima prefectures. Treatment has finished at 29 temporary incinerators (*1) and 13 sorting and shredding facilities (*2).
- *1: All block of Miyagi pref., Sendai City
*2: Noda town, All block of Miyagi pref., Sendai City
- There was a request for alternate incineration of combustible materials from Minamisoma city, Fukushima prefecture to MOEJ on March 7 and we gave them notice that we decided to conduct it on March 12.
 - Incineration of combustible materials in Shinchu town, Fukushima prefecture has been finished on March 14.

Cooperation with debris treatment in areas not affected by the disaster

- Of the approximately 627 thousand tons which requires treatment outside the disaster-affected area, treatment of approximately 618 thousand tons (99%) has been completed.
- The number of treatment projects is 91 in 18 prefectures. Of these, 87 projects have completed treatment.
- Cooperation with debris treatment in areas not affected by the disaster by the Tokyo Metropolis has been finished. With the exception of the Tohoku region, Tokyo Metropolis accept the disaster debris the most.

Recycling

- Approximately 85% of debris and nearly all of the tsunami deposits can be recycled.
- Materials recycled from debris are being used in public works projects by the national government and by the prefectural and municipal governments in disaster-affected areas.

Approaches to achieving the goal

- Next time, since the treatment is finished, the goal achievement of 13 prefecture will be summarized.
- For debris and tsunami deposits in Fukushima Prefecture, complete removal to temporary storage sites by the end of March 2014, aiming to complete treatment as early as possible.



The temporary storage site clearing progress
(Hirono town, Iwate Prefecture)

Major public works projects using materials recycled from debris and tsunami deposits

	Project	Recycled material	Amount (including planned use)
Iwate	Coastal or river embankment restoration	Tsunami deposits Concrete debris	30
	Coastal disaster-prevention forest restoration	Tsunami deposits Concrete debris	16
	Agricultural field restoration	Tsunami deposits Concrete debris	64
	Park construction	Tsunami deposits Concrete debris	43
	Fishing port projects	Concrete debris	17
	Construction of temporary storage sites	Concrete debris	48
	Other projects	Tsunami deposits Concrete debris	77
Miyagi	Coastal or river embankment restoration	Tsunami deposits Concrete debris	103
	Coastal disaster-prevention forest restoration	Tsunami deposits Concrete debris	110
	Agricultural field restoration	Tsunami deposits	15
	Park construction	Tsunami deposits Concrete debris	262
	Fishing port projects	Concrete debris	29
	Construction of temporary storage sites	Tsunami deposits Concrete debris	89
	Other projects	Tsunami deposits Concrete debris	114
Fukushima	Coastal or river embankment restoration	Concrete debris	9
	Coastal disaster-prevention forest restoration	Concrete debris	9
	Park construction	Tsunami deposits	14
	Other	Concrete debris	16