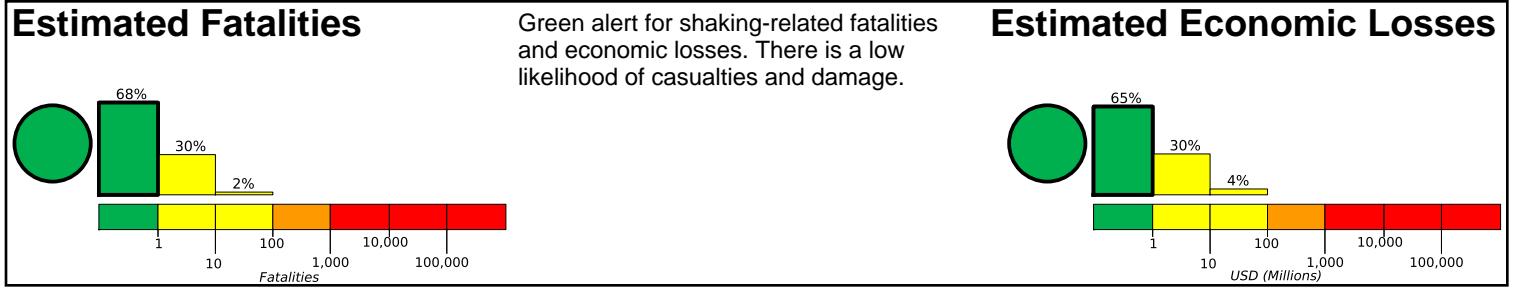


**M 6.7, NEAR THE EAST COAST OF HONSHU, JAPAN**

Origin Time: Mon 2015-02-16 23:06:27 UTC (09:06:27 local)

Location: 39.83°N 142.89°E Depth: 23 km

Created: 2 hours, 3 minutes after earthquake

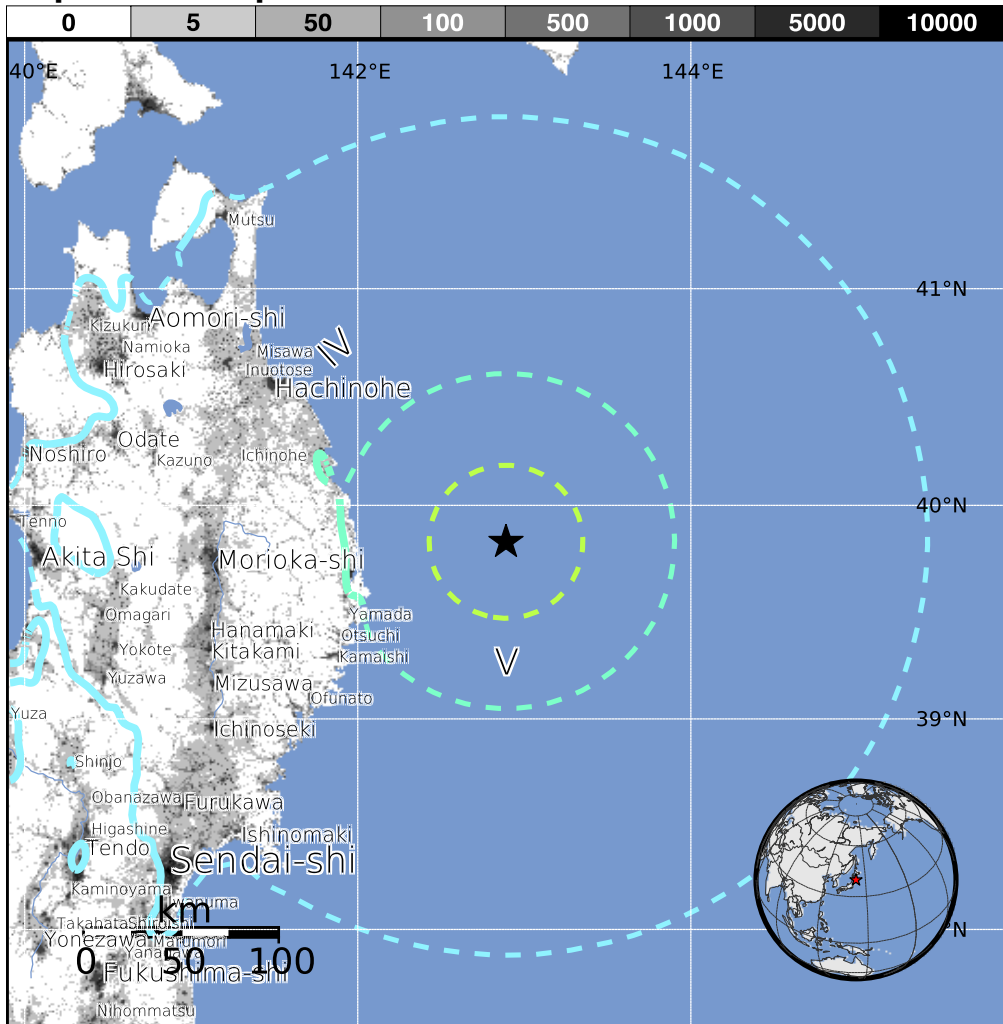


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,801k*	5,910k	189k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

**Population Exposure**



**Structures:**

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though some vulnerable structures exist.

**Historical Earthquakes (with MMI levels):**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2004-11-11	287	6.1	V(308k)	0
1994-12-28	93	7.7	VII(132k)	3
1983-05-26	324	7.7	VII(174k)	104

Recent earthquakes in this area have caused secondary hazards such as landslides and fires that might have contributed to losses.

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
V	Miyako	52k
V	Yamada	20k
V	Kamaishi	43k
V	Uchimaruru	< 1k
V	Hachinohe	239k
IV	Otsuchi	16k
IV	Morioka-shi	295k
IV	Akita Shi	326k
IV	Aomori-shi	298k
IV	Sendai-shi	1,038k
III	Fukushima-shi	294k

bold cities appear on map

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<http://earthquake.usgs.gov/pager>

Event ID: usb000tpvj