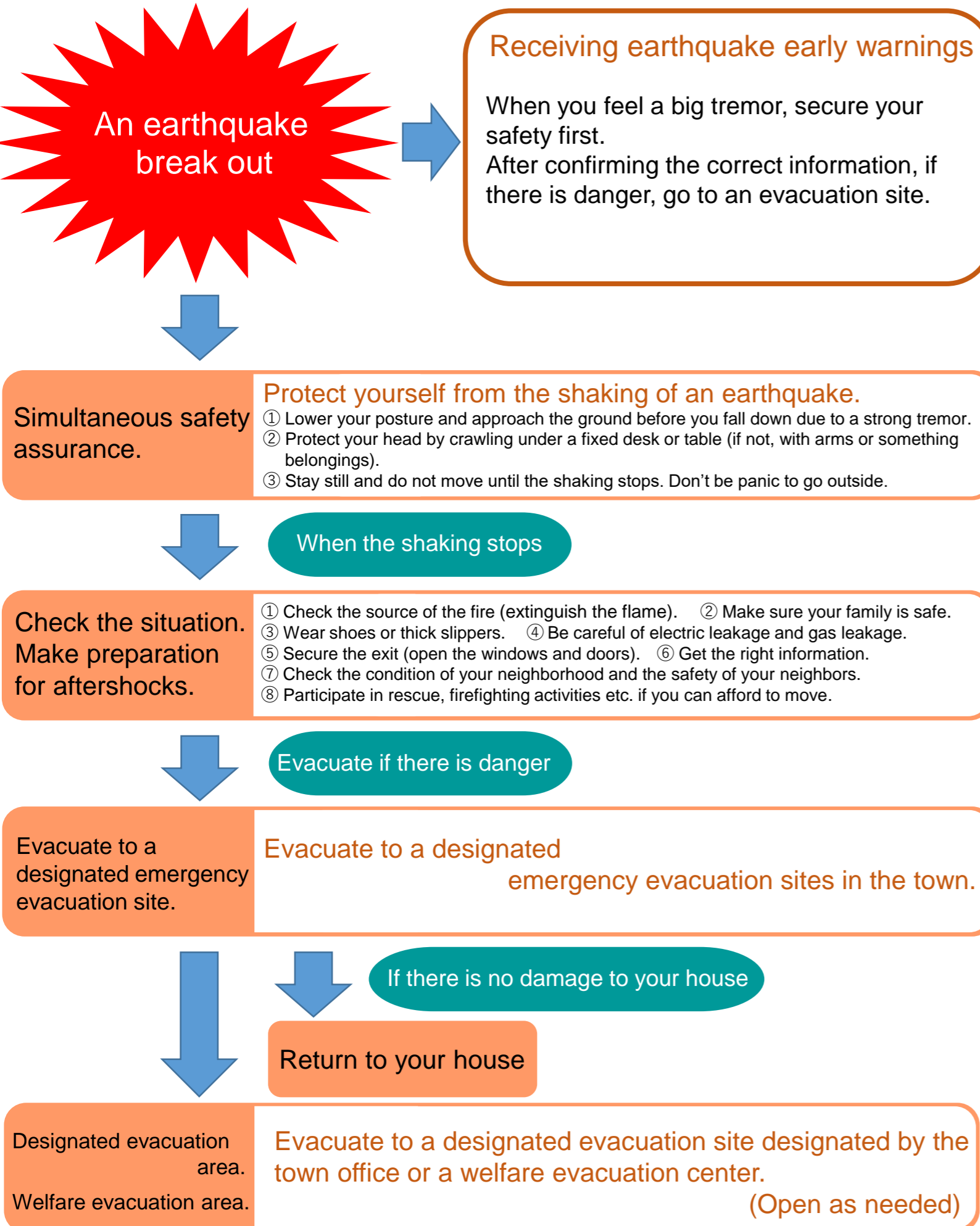


# Outline of hazard map for flood and earthquake, ( compilation of earthquake )

## Evacuation behavior when an earthquake occurs

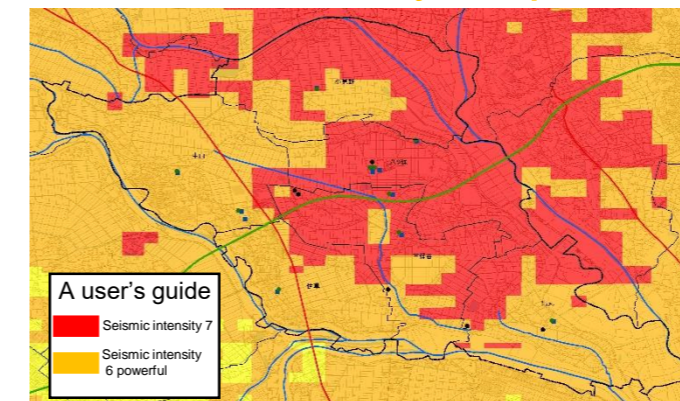


## Kawajima town earthquake assumption

Saitama prefecture conducted [Saitama prefecture earthquake damage estimation survey] in 2012-2013. According to this survey, it is expected that the earthquake [The Kanto plain Northwest Margin Fault Zone Earthquake ] will bring the greatest damage to the Kawajima . The probability of occurrence is law, but the assumed seismic intensity of this earthquake is level 7. Occurrence of the Northern Tokyo Bay Earthquake and the Southern Ibaraki prefecture Earthquake within the next 30 years is 70%.

Expected earthquake in Saitama prefecture		magnitude	Maximum seismic intensity in Kawajima	Probability of occurrence within the next 30 years
Trench earthquake	Northern part of Tokyo bay earthquake	M7.3	5 powerful	70%
	Southern part of Ibaraki prefecture earthquake	M7.3	5 powerful	70%
	Genroku-type Kanto earthquake	M8.2	5 powerful	Nearly 0%
An active fault type earthquake	Kanto plain Northwest margin fault zone earthquake	M8.1	7	Not exceeding 0.008%
			7	
			7	
	Tachikawa fault zone earthquake	M7.4	5 powerful Seismic intensity 6 weak	Not exceeding 2%

## Seismic intensity map.



The seismic intensity is, a numerical value that indicates the strength of an earthquake's shaking. Seismic intensity consists of 10 classes.

- Seismic intensity 6 weak**  
Half of the unfixed furniture shifts and some fall down. Sometimes the door won't open.  
Wall tiles and window glass may break and fall down.  
Wooden buildings with low earthquake resistance may tilt.
- Seismic intensity 6 powerful**  
Most unfixed furniture will move and many will fall over.  
Wooden buildings with low earthquake resistance tend to lean or collapse.
- Seismic intensity 7**  
In rare cases, even wooden buildings with high earthquake resistance can lean.  
Buildings made of reinforced concrete with low resistance tend to collapse.

Designated emergency shelters.	
Name of facilities	A location
A playground of Nakayama Elementary School	1333, Nakayama,
A playground of Igusa Elementary School	238-1, Iguza
A playground of Tsubasa South Elementary School	945, Shiroyinuma.
A playground of (old)Demaru Elementary School	100, Kamiyooyashiki
A playground of Tsubasa North Elementary School	31, Hatanaka
A playground (old)Omino Elementary School	99, Yanaka
A playground of Kawajima Junior High School	230, Shiroyinuma
A playground of Nishi Junior High School	270-1, Nakayama
Kawajima general playground	930, Shimoyatsubayashi
Heiseinomori park multipurpose plaza	920, Shimoyatsubayashi
Kawajima park	2-9, Kawajima
Community center	923, Shimoyatsubayashi

Designated evacuation area. (Gymnasium etc.)		
Name of facilities	A location	Seating capacity
Nakayama Elementary School	1333, Nakayama,	300 people
Igusa Elementary School	238-1, Iguza	300 people
Tsubasa South Elementary School	945, Shiroyinuma.	250 people
(old)Demaru Elementary School	100, Kamiyooyashiki	250 people
Tsubasa North Elementary School	31, Hatanaka	250 people
(old)Omino Elementary School	99, Yanaka	250 people
Kawajima Junior High School	230, Shiroyinuma	550 people
Nishi Junior High School	270-1, Nakayama	850 people
Kawajima town gymnasium	923, Shimoyatsubayashi	500 people
Community center	923, Shimoyatsubayashi	100 people
Kawajima town hall	926-1, Shimoyatsubayashi	200 people