

# Bunkyo City Earthquake Disaster Prevention Map [Map of Structure Collapse Risk]

## Earthquake Disaster Prevention Map

The Bunkyo City Earthquake Disaster Prevention Map consists of the "Map of Tremor Prone Areas" and "Map of Structure Collapse Risk" in Bunkyo City, which were created assuming an earthquake occurred directly below the southern part of the center of the Tokyo Metropolitan area (magnitude 7.3 with the epicenter being near the boundary between Shinjuku City and Ota City). This assumption is based on "Expected damages in Tokyo due to earthquakes directly below the Tokyo Metropolitan Area" (published by the Tokyo Metropolitan Government on May 25, 2022).

**Please note that this map assumes an earthquake directly below the southern part of the center of the Tokyo Metropolitan area, and that the actual seismic intensity and damage may differ depending on the epicenter and scale of the earthquake.**

It is reported that there is a 70% chance of a large-scale earthquake of magnitude 7-class hitting the southern Kanto region within 30 years.

Please make good use of these maps to improve your level of awareness about disaster prevention and to prepare for earthquakes like making structures earthquake-resistant or taking measures to prevent household furniture from falling.  
March 2026 Bunkyo City

## Map of Structure Collapse Risk

The "Map of Structure Collapse Risk" shows the percentage of total collapse of structures as damage caused by shaking from an earthquake directly below the southern part of the center of the Tokyo Metropolitan area (magnitude 7.3).

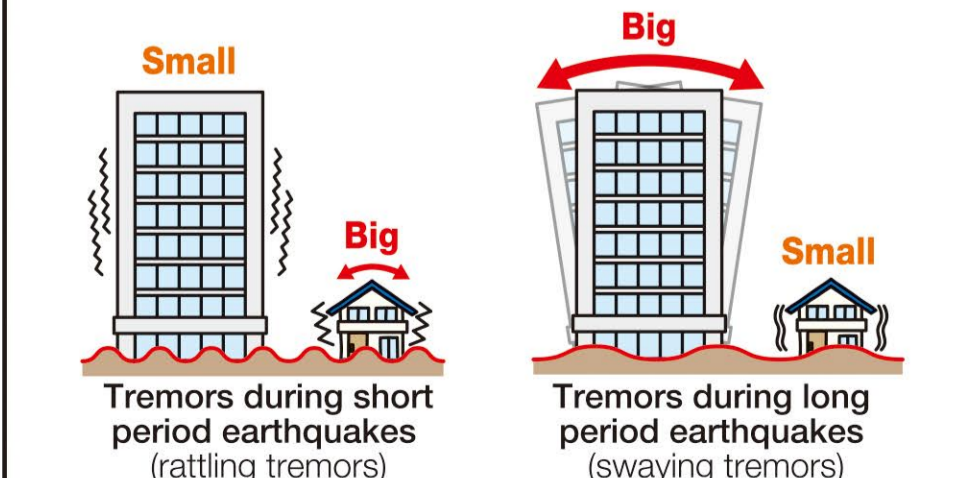
This map shows the percentage of total collapse of structures in 4 stages per 50m mesh.

The percentage of total collapse of buildings just indicates the tendency of collapse for each area, and **does not indicate the percentage of total collapse of each building** and should be referred to as a guide.

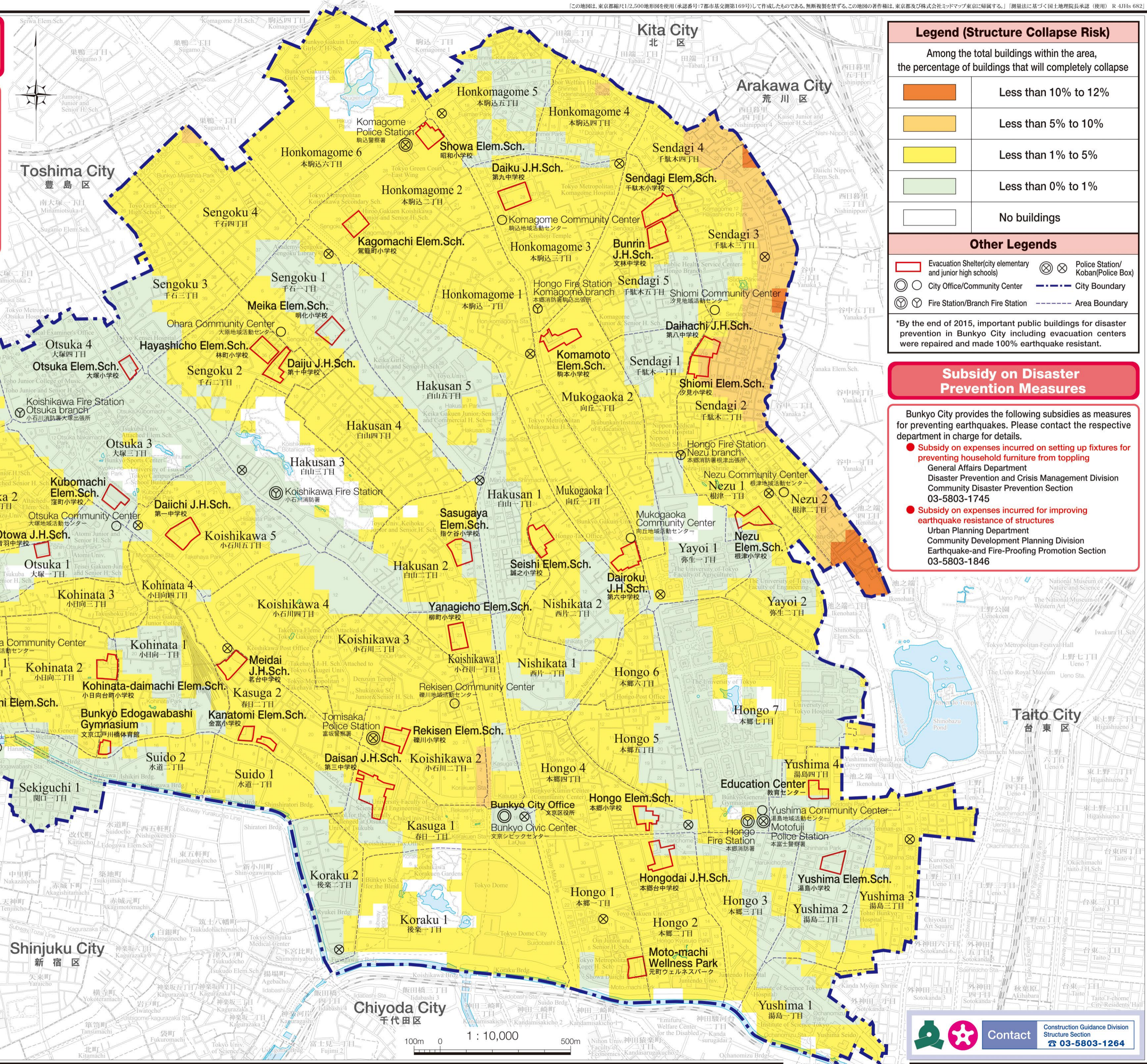
\* The percentage is calculated using the building damage rate function (relation between instrumental seismic intensity and building damage) by structures (wooden structures/non-wooden structures) and by construction year

## How structural tremors differ depending on the period of tremors

The time period\* during which a building easily sways is different for each structure, so even with the same seismic motion (tremor on the surface of the earth caused by an earthquake), how each building sways is different. Generally, low-level buildings tend to sway more during a short period of seismic motion, and high-level buildings tend to sway more during a long period of seismic motion.



\* Time taken for a repeated tremor



### Legend (Structure Collapse Risk)

Among the total buildings within the area, the percentage of buildings that will completely collapse

Orange	Less than 10% to 12%
Yellow	Less than 5% to 10%
Light Yellow	Less than 1% to 5%
Light Green	Less than 0% to 1%
White	No buildings

### Other Legends

- Red outline: Evacuation Shelter (city elementary and junior high schools)
- Blue outline: City Office/Community Center
- Green outline: Fire Station/Branch Fire Station
- Blue circle with X: Police Station/Koban (Police Box)
- Blue circle: City Boundary
- Blue dashed line: Area Boundary

\*By the end of 2015, important public buildings for disaster prevention in Bunkyo City including evacuation centers were repaired and made 100% earthquake resistant.

### Subsidy on Disaster Prevention Measures

Bunkyo City provides the following subsidies as measures for preventing earthquakes. Please contact the respective department in charge for details.

- Subsidy on expenses incurred on setting up fixtures for preventing household furniture from toppling**  
General Affairs Department  
Disaster Prevention and Crisis Management Division  
Community Disaster Prevention Section  
03-5803-1745
- Subsidy on expenses incurred for improving earthquake resistance of structures**  
Urban Planning Department  
Community Development Planning Division  
Earthquake-and Fire-Proofing Promotion Section  
03-5803-1846

**Contact** Construction Guidance Division  
Structure Section  
☎ 03-5803-1264