

3 Tokai Earthquake Prediction Information and the Warning Declaration

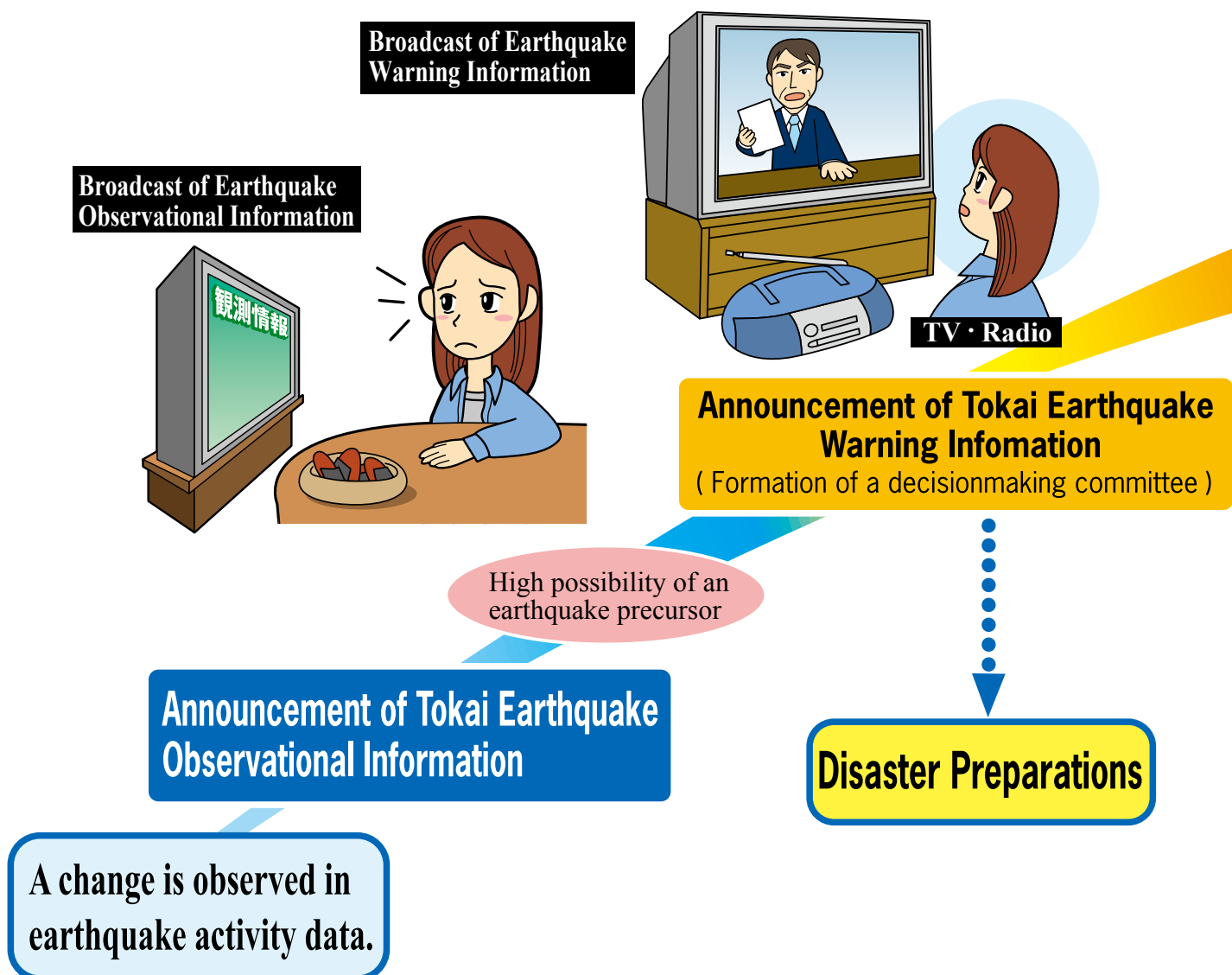
1) Earthquake Prediction

In general, **earthquake prediction is extremely difficult**. A dense network of forecasting observation equipment has been set up to detect a deep-water magnitude 8 earthquake, so it is thought that in some circumstances predictions may be possible just before the Tokai Earthquake occurs.

Detectors that measure warping of the ground and other observational devices are monitoring 24 hours a day to provide a Tokai Earthquake prediction. When they detect a change in the observational data, that change is immediately examined to see whether or not it is related to the occurrence of the Tokai Earthquake.

The Possibility of a Sudden Earthquake Occurrence

Earthquake prediction technologies are advancing every year. However, at the present time **it is not always possible to predict earthquake occurrence. This means it is possible that the Tokai Earthquake will occur suddenly and without warning.**



2) Presentation of Information Related to Earthquake Prediction

Before a Warning Declaration is issued, it is thought that changes in observational data will first be explained. Information that indicates a high possibility of a Tokai Earthquake precursor will be divided into the following three categories.

Tokai Earthquake Observational Information (Kansoku Joho)

This is announced when observed data appear abnormal but it cannot be determined whether or not they are an earthquake precursor.

(There will also be announcements if there is no longer a fear of the Tokai Earthquake occurring at that time, or if it is determined that the data have no direct relationship to the Tokai Earthquake.)

Tokai Earthquake Warning Information (Chui Joho)

This is announced when it is recognized that the possibility of an earthquake precursor is high. After being issued, earthquake preparations will begin.

(The formation of a decision-making committee will be announced along with this information.)

Tokai Earthquake Prediction Information (Yochi Joho)

This is announced when there is a fear of the Tokai Earthquake occurring. A Warning Declaration will be announced at the same time.

(In the case of Warning Information or Prediction Information being cancelled, there will also be an announcement.)

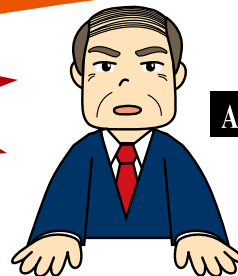
Announcement of Tokai Earthquake Prediction Information

Disaster Prevention measures will begin immediately

There is a fear of the Tokai Earthquake occurring

Announcement of a Warning Declaration

Announcement of a Warning Declaration



Prime Minister

3) Announcement of a Warning Declaration (Keikai Sengen)

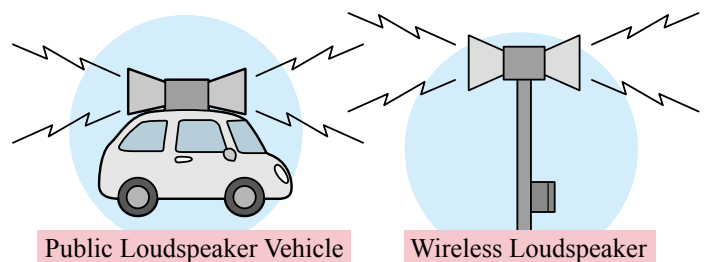
In the event of a big increase in unusual observed data that indicates a strong possibility that the Tokai Earthquake will occur, the Prime Minister of Japan will receive a report from the head of Japan's Meteorological Agency and will announce a Warning Declaration covering the Increased Earthquake Disaster Prevention Measures Region, which includes Shizuoka Prefecture.

At this time, the Meteorological Agency will simultaneously announce Tokai Earthquake Prediction Information.

Announcement of Tokai Earthquake Warning Information and the Warning Declaration will be broadcast on radio and TV.

Also, this information will be played by local government public address vehicles and speaker systems.

You should note that sirens will sound when a Warning Declaration is announced.



Public Loudspeaker Vehicle

Wireless Loudspeaker