

NISSAN MOTOR CORPORATION



Utilize Probe Data
to Secure Traffic Route

Map Utilizing Probe Data

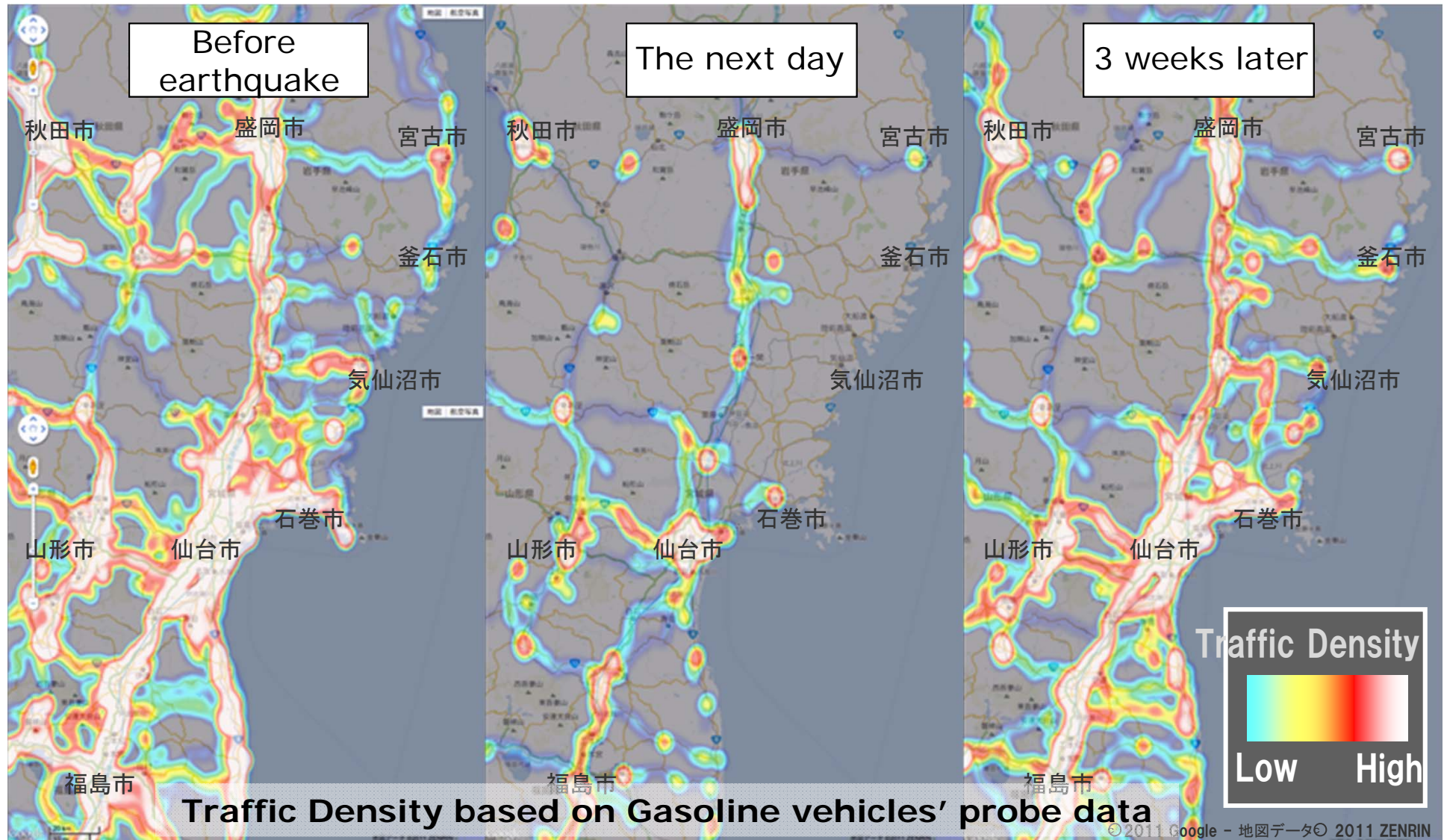
- Probe data provided from Toyota, Nissan, Honda and Pioneer was utilized to include functioning routes in Google map after East Japan Earthquake disaster in 2011.



Source: ITS-Japan web page
<http://www.its-jp.org/english/>

Example for Probe Data Utilizing

- Probe data enable to find macro traffic status



Prediction for Great Earthquake

Tokai Earthquake

88% probability within 30 years

Nankai, Tonankai Earthquake

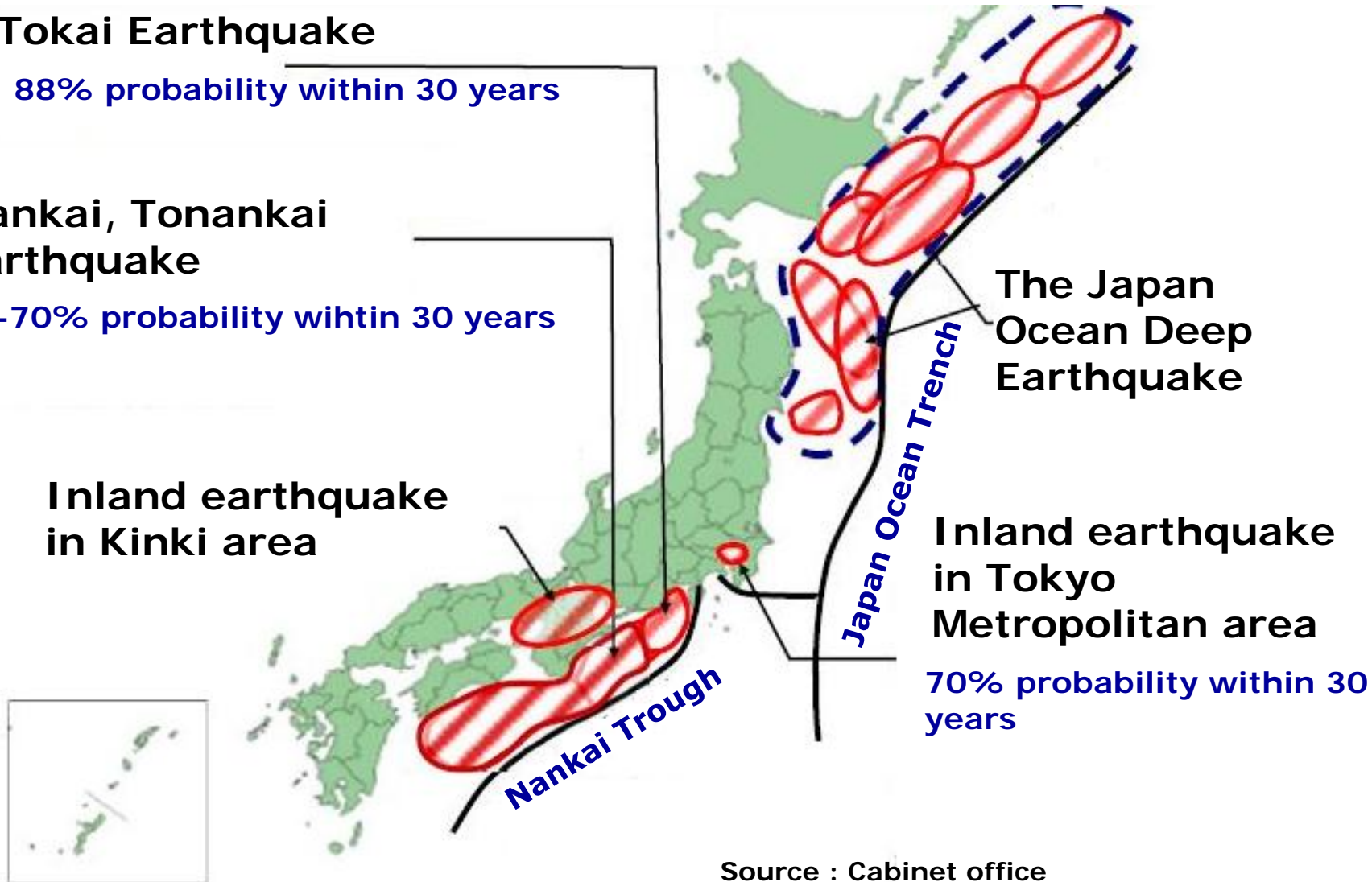
60-70% probability within 30 years

Inland earthquake in Kinki area

The Japan Ocean Deep Earthquake

Inland earthquake in Tokyo Metropolitan area

70% probability within 30 years



Source : Cabinet office

Secure Traffic Route at Earthquake

- It is important to find available traffic routes as soon as possible at the crisis.
- Study has begun to understand traffic flow based on probe data to secure evacuation route.

