## Observation Stations\*0 (as of March, 2007)

Headquarters for Earthquake Research Promotion

| Observation   | High sensitivity seismographs |                | Broad-band seismographs |         | Strong-motion seismographs |                | Geodetic survey |     |      |          | Seabottom            | Ground water  | Geomagnetic   | Gravity       | Tide and/or<br>Tsunami |
|---|-------------------------------|----------------|-------------------------|---------|----------------------------|----------------|-----------------|-----|------|----------|----------------------|---------------|---------------|---------------|------------------------|
| Organization  | on land                       | ocean*1 bottom | TYPE1*2                 | TYPE2*3 | on the ground              | in the<br>well | GPS             | SLR | VLBI | Strain*4 | geodetic<br>stations | observatories | observatories | observatories | observatories          |
| Ministry of Education,<br>Culture, Sports, Science<br>and Technology        |                               |                |                         |         |                            |                | 7               |     |      |          |                      |               |               |               |                        |
| National University<br>Corporations   | 235                           | 6(2)           | 12*5                    | 34*5    | 126                        | 17             | 73              |     |      | 93       |                      | 19            | 36            | 3             | 4                      |
| National Research<br>Institute for Earth Science<br>and Disaster Prevention | 777                           | 6(1)           | 22                      | 51      | 1707                       | 681            | 4               |     |      | 56       |                      | 5             |               |               | 5                      |
| Japan Agency for Marine-<br>Earth Science and<br>Technology                 |                               | 5(2)           |                         |         |                            |                |                 |     |      |          |                      |               |               |               | 4                      |
| Ministry of Land,<br>Infrastructure and<br>Transport                        |                               |                |                         |         | 1332                       | 105            |                 |     |      |          |                      |               |               |               | 74                     |
| Geographical Survey<br>Institute  |                               |                |                         |         |                            |                | 1337            |     | 4    | 5        |                      |               | 16            | 2             | 27                     |
| Japan Meteorological<br>Agency  | 183 <sup>*6</sup>             | 8(2)           |                         |         | 584                        |                |                 |     |      | 36       |                      |               | 6             |               | 86 <sup>*7</sup>       |
| Hydrographic Department,<br>Japan Coast Guard                               |                               |                |                         |         |                            |                | 30              | 1   |      |          | 16                   |               | 1             |               | 28                     |
| The National Institute of<br>Advanced industrial<br>Science and Technology  | 13                            |                |                         | 1       | 2                          | 8              | 3               |     |      | 15       |                      | 42            |               |               |                        |
| Total   | 1208                          | 25(7)          | 33*8                    | 86      | 3751 <sup>*9</sup>         | 811            | 1454            | 1   | 4    | 205      | 16                   | 66            | 59            | 5             | 228*7                  |

- (\*0) Temporary observation points are not counted.
- (\*1) Numerals in the parentheses show the number of cables.
- (\*2) Broadband seismographs covering the frequency range from small earthquakes to free oscillation of the earth.
- (\*3) Broadband seismographs covering the frequency range from microearthquakes to tsunami earthquakes which are relatively of short period.
- (\*4) Strain meters, volumetric strain meters, three-components strain meters, and extensometers.
- (\*5) The broadband seismographs of the National University Corporations are put by the side of high sensitivity seismographs. Therefore, the number is included in the number of high sensitivity seismographs.
- (\*6) JMA high sensitivity seismographs include 20 seismographs corresponding to TYPE 2 broadband seismographs.
- (\*7) It includes 10 observation points operated by local governments et al. and 2 observation points that belong to other organizations.
- (\*8) The Nemuro observation facility is a cooperative facility of the National Research Institute for Earth Science and Disaster Prevention and National University Corporations.
- (\*9) In addition, there are approximately 2800 intensity meters of local public bodies.