

Rough estimated demands of the budget related to Earthquake Research for FY2002

#: Limit of debt which national treasury pays (unit: million yen)

| Organization | | FY2001 Budget | FY2002 Budget | major points | |
|---|--|-----------------------------|-----------------------------|--|-----------------------|
| Ministry of Education, Culture, Sports, Science and Technology | Research and Development Bureau, etc. | 3,909 | 4,143 | * Administration of the Headquarter | 763 (819) |
| | | | | * Subsidy for basic earthquake-related survey | 1,305 (1,450) |
| | | | | * Promotion of focused survey observations | 200 (-) |
| | | | | * Development and maintenance of synthesized observation systems on the deep sea-bed | 307 (349) |
| | National Universities | 1,700 | 1,703 | * Solid earth integrated frontier research | 1,568 1,095 |
| | | | | * Expenditure expired in the previous FY | - (197) |
| | | | | * Promotion of observational studies on crustal activity leading to earthquakes | 245 (245) |
| | | | | * Promotion of observational studies for advancing the crustal activity monitoring | 10 (10) |
| | | | | * Development of simulation methodology and observation | 23 (23) |
| | | | | * Operation of observation stations, etc. | 1,425 (1,422) |
| | Independent Administrative Institution National Research Institute for Earth Science and Disaster Prevention | 2,066 | 204 | * Facilities for fundamental survey and monitoring of earthquakes | 204 (2,066) |
| | | Subsidy for operation | Subsidy for operation | * Operation of earthquake observation network | |
| | | | | * Research on the method to make seismic hazard map | |
| | | | | * Research on crustal activities in the Kanto-Tokai district | |
| | | | | * Research on mechanisms of earthquake occurrence | |
| | Total | 7,676 | 6,050 | | |
| Ministry of Land, Infrastructure and Transport | Minister's Secretariat | 96 | 95 | * Development of comprehensive analytical technique for observation of crustal activities, included in the development of improved domestic land management technologies using space and information technology including development of technology | 95 (96) |
| | Geographical Survey Institute | 2,012 | 2,115 | * Japanese archipelago precise geodetic survey | 1,317 (1,225) |
| | | | | * Enhancement of observations regarding crustal deformation | 480 (552) |
| | | | | * VLBI(very long-range baseline interferometry) measurements | 169 (101) |
| | | | | * Astronomy survey, leveling survey, gravity survey, etc. | 130 (127) |
| | | | | * Renewal of high-accuracy automatic tidal gauge | 19 (6) |
| | Japan Meteorological Agency | 2,454 | #115 2,365 | * Earthquake observation networks, earthquake and tsunami observation system | #115 1,912 (1,883) |
| | | | | * Monitoring systems, etc. for Tokai and other areas | 148 (145) |
| | | | | * Collection of data from related organization (unification) | 304 (425) |
| | Japan Coast Guard | 184 | 149 | * Observations to reveal the crustal movement leading to the occurrence of the earthquake | 18 (21) |
| | | | | * Observations to improve the monitoring of crustal movements, etc. | 62 (61) |
| | | | | * Promotion of marine geodetic measurement | 63 (97) |
| | | | | * Research into technology for long-term monitoring of ocean floor crustal activity | 6 (6) |
| | Total | 4,745 | #115 4,724 | | |
| Ministry of Economy, Trade and Industry | Independent Administrative Institution National Institute of Advanced Industrial Science and Technology | Subsidy for operation | Subsidy for operation | * Research to evaluate the potential of earthquake on active faults and research into earthquake damage estimation | |
| | Total | - | - | | |
| | Total | 12,421 | #115 10,774 | 86.7% (Compared with FY2001) | |

Note 1) Amounts relating to subsidies for operation for the independent administrative institution are not included in the total.

Note 2) Policies for special demand of structural reform are not included.

Note 3) Since these amounts are rounded, the total amounts are not necessarily coincident with the sum of each column.

<Policies for special demand of structural reform>

| Organization | | FY2001 Budget | FY2002 Budget | major points |
|--|---------------------------------------|---------------|-------------------|--|
| Ministry of Education, Culture, Sports, Science and Technology | Research and Development Bureau, etc. | - | Included in 9,550 | * Research survey into crustal structures in urban areas, included in the special project of earthquake disaster reduction in megacity areas |
| Ministry of Land, Infrastructure and Transport | Geographical Survey Institute | - | 552 | * Establishment of a basic real time GPS system for use by the private sector 438 (-) * Research into advanced technologies for understanding crustal movement in the Tokai region 64 (-) * Research into projections of change over time in the inter-plate coupling in the putative seismic focal region off the coast of Miyagi Prefecture 50 (-) |
| | Meteorological Research Institute | 33 | 71 | * Research using detailed modeling of the process of earthquake generation to improve the precision of earthquake prediction in the Tokai region 71 (33) |
| | Japan Coast Guard | - | 672 | * Information technology for the prevention of natural disasters 672 (-) |

Furthermore, there are additional policies, the results of which are assumed to make a contribution to the promotion of earthquake research. They are as follows.

| Organization | | FY2001 Budget | FY2002 Budget | major points |
|---|--|-----------------------|-----------------------|---|
| Ministry of Public Management, Home Affairs, Posts and Telecommunications | Independent Administrative Institution Communications Research Laboratory | Subsidy for operation | Subsidy for operation | * Research into global environmental measurement and forecasting technology using high-level analysis of 3-D microwave radar imaging |
| Ministry of Education, Culture, Sports, Science and Technology | Research and Development Bureau, etc. | #14,784 8,103 | 7,234 | * Study on the ocean floor dynamics 100 (100) #(14,784) * Promotion of deep-sea earth drilling projects 6,805 (7,624) * Research into geoenvironmental changes resulting from continental movements (in collaboration with METI) 98 (168) * Subsidies concerning radiation monitoring, etc. 232 (212) |
| | Independent Administrative Institution National Research Institute for Earth Science and Disaster Prevention | Subsidy for operation | Subsidy for operation | * Frontier Research on earthquake disaster prevention |
| | Geographical Survey Institute | 50 | 66 | * Research on geography and crustal activities 66 (50) |

Note) Since these amounts are rounded, the total amounts are not necessarily coincident with the sum of each column.