

Rough estimated demands of the budget related to Earthquake Research for FY2003

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

| Organization | | FY2002 Budget | FY2003 Budget | major points | |
|---|--|-----------------------------|-----------------------------|--|-------------------------|
| Ministry of Education, Culture, Sports, Science and Technology | Research and Development Bureau, etc. | 3,638 | 4,987 | * Administration of the Headquarter | 750 (759) |
| | | | | * Subsidy for basic earthquake-related survey | 1,213 (1,305) |
| | | | | * Promotion of focused survey observations | 199 (199) |
| | | | | * Research survey into crustal structures in urban areas, included in the special project of earthquake disaster reduction in megacity areas | 1,375 (1,375) |
| | | | | * Observation and research on improvement of forecasting accuracy, in research on the Tonankai and Nankai earthquakes. | 450 (-) |
| | National Universities | 1,700 | 1,670 | * Projects on practical use of high-grade and immediate response transmission networks of earthquake information | 1,000 (-) |
| | | | | * Promotion of observational studies on crustal activity leading to earthquakes | 246 (245) |
| | | | | * Promotion of observational studies for advancing the crustal activity monitoring | 10 (10) |
| | | | | * Development of simulation methodology and observation | 22 (23) |
| | | | | * Operation of observation stations, etc. | 1,391 (1,421) |
| | Independent Administrative Institution National Research Institute for Earth Science and Disaster Prevention | 204 | 204 | * Facilities for fundamental survey and monitoring of earthquakes | 204 (204) |
| | | 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 | |
| | Japan Marine Science and Technology Center | 1,874 | 1,968 | * Development and maintenance of synthesized observation systems on the deep sea-bed | 288 (307) |
| | | | | * Solid earth integrated frontier research system | 1,679 (1,568) |
| | Total | 7,416 | 8,829 | 119% (Compared with FY2002) | |
| Ministry of Land, Infrastructure and Transport | Minister's Secretariat | 95 | - | * Expenditure expired in the previous FY | - (95) |
| | Geographical Survey Institute | 2,510 | 2,635 | * {Increasing electric bench marks in the Tonankai and Nankai regions}, in Japanese archipelago precise geodetic survey | 1,770 (1,690) {123} |
| | | | | * Enhancement of observations regarding crustal deformation | 504 (480) |
| | | | | * VLBI(very long-range baseline interferometry) measurements | 94 (150) |
| | | | | * Astronomy survey, leveling survey, gravity survey, etc. | 138 (130) |
| | | | | * Renewal of high-accuracy automatic tidal gauge | 19 (19) |
| | | | | * {Special projects on the Tonankai and Nankai earthquakes}, in research on geography and crustal activity related to earthquake research | 110 (40) {73} |
| | Japan Meteorological Agency | #115 2,353 | 2,911 | * Earthquake observation networks, earthquake and tsunami observation system, etc., {including promotion of practical use of "Nowcast earthquake information release."} | 2,316 (1,901) #(115) |
| | | | | * {Reinforcement of observation systems for the Tonankai and Nankai earthquakes}, in monitoring systems, etc. for Tokai and other areas | 293 (148) {151} |
| | | | | * Collection of data from related organization (unification) | 302 (304) |

| | | | | | | |
|---|---|-----------------------|-----------------------|--|-----|-------|
| | Meteorological Research Institute | 34 | 36 | * Research using detailed modeling of the process of earthquake generation to improve the precision of earthquake prediction in the Tokai region | 36 | (34) |
| | Japan Coast Guard | 408 | 444 | * Observations to reveal the crustal movement leading to the occurrence of the earthquake | 18 | (18) |
| | | | | * Observations to improve the monitoring of crustal movements, etc. | 79 | (62) |
| | | | | * Promotion of marine geodetic measurement | 63 | (63) |
| | | | | * Advancing information technology for natural disaster prevention, in reinforcement of cooperation with nucleus disaster prevention bases by advancing information technology in the Yokohama marine disaster prevention bases | 5 | (259) |
| | | | | * Reinforcement of countermeasures for the Tonankai and Nankai earthquake hazards | 280 | (-) |
| | | | | * Expenditure expired in the previous FY | - | (6) |
| | Total | #115 5,400 | 6,026 | 112% (Compared with FY2002) | | |
| Ministry of Economy, Trade and Industry | Independent Administrative Institution National Institute of Advanced Industrial Science and Technology | Subsidy for operation | Subsidy for operation | * Research on forecasting earthquake occurrence by using active faults and paleo-earthquakes | | |
| | | | | * Research on estimating earthquake damage | | |
| | | | | * Research on evaluation of active faults in the sea area | | |
| | | | | * Observation and research of groundwater and others related to reinforcement of observation systems for the Tonankai and Nankai earthquakes, in Observation and research of groundwater and others in the area of reinforced measures for earthquake disaster prevention and in the vicinity of active faults | | |
| | | | | * Research on active fault databases, tectonic maps, and others | | |
| | | | | * Research on improving databases of geological structure beneath plains | | |
| | | | | * Fundamental research on earthquakes | | |
| | Total | - | - | | | |
| | Total | #115 12,816 | 14,855 | 116% (Compared with FY2002) | | |

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 | | FY2002 Budget | FY2003 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. | 9,696 | 16,219 | * Integrated research on dynamics beneath the seabed | | |
| | | | | * Promotion of deep-sea earth drilling projects | 93 | (100) |
| | | | | * Promotion of the earth simulator project | 11,831 | (7,109) |
| | | | | * Research into geoenvironmental changes resulting from continental movements (in collaboration with METI) | 3,991 | (2,157) |
| | | | | * Subsidies concerning radiation monitoring, etc. | 72 | (98) |
| Ministry of Land, Infrastructure and Transport | Ministry of Land, Infrastructure and Transport | ## | ## | * Strong motion seismographs and others | 232 | (232) |
| | Geographical Survey Institute | 163 | 176 | * Research contributing promotion of earthquake research, in research on geography and crustal activities | 176 | (163) |

Note 1) There may be slight discrepancies in the totals, as tables have been rounded off.

Note 2) Amounts relating to subsidies for operation for the independent administrative institution are not included in the total.

##: The budgets of another business are not included in total amount.