

## Rough estimated demands of the budget related to Earthquake Research for FY2005

(unit: million yen)

Organization		FY2004 Budget	FY2005 Budget	major points
Ministry of Internal Affairs and Communications	Independent Administrative Institution, National Research Institute of Fire and Disaster	Subsidy for operation	Subsidy for operation	* Seismo-tectonic crustal division from the viewpoint of long-period seismic waves * Research on theoretical evaluation of long-period seismic waves
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau, etc.	3,891	4,403	* Administration of the Headquarter 730 (737) * Research survey into crustal structures in urban areas, included in the special project of earthquake disaster reduction in megacity areas 1,184 (1,246) * Research on subduction-zone earthquakes, including the Tonankai and Nankai earthquakes 740 (740) * Projects on practical use of high-grade and immediate response transmission networks of earthquake information 190 (190) * Dissemination of outcome of disaster prevention research, applying research result [196] [100] * Promotion of earthquake research (a tentative name) 1,558 (-) * Subsidy for basic earthquake-related survey 0 (780) * Promotion of focused survey observation 0 (197)
	National University Corporation (former National Universities)	Subsidy for operation	Subsidy for operation	* Promotion of observational studies on crustal activity leading to earthquakes * Promotion of observation and research for simulation of forecasting crustal activity and monitoring * Development of technology for new observation and experiment * Preparation of structures for promoting programs * Operation of observation stations, etc.
	Independent Administrative Institution, National Research Institute for Earth Science and Disaster Prevention	Subsidy for operation	Subsidy for operation	* Operation of earthquake observation networks * Practical research regarding transmission and use of real-time earthquake information * Research on the method to make seismic hazard map * Research on crustal activities in the Kanto-Tokai district * Research on mechanisms of earthquake occurrence * International research on observation of earthquakes and volcanoes in Asia and the Pacific region
	Independent Administrative Institution, Japan Agency for Marine-Earth Science and Technology	Subsidy for operation	Subsidy for operation	* Development of synthesized observation networks on the deep seabed * Solid earth integrated frontier research system
	Total	3,891	4,403	113% (Compared with FY2004)
Ministry of Land, Infrastructure and Transport	Geographical Survey Institute	2,412	2,660	* {Intensified observation of subduction zone earthquakes}, in Japanese archipelago precise geodetic survey {101} {44} 1,677 (1,615) * Enhancement of observations regarding crustal deformation 514 (465) * VLBI(very long-range baseline interferometry) measurements 92 (94) * Geoid survey, leveling survey, gravity survey, and geomagnetic survey 119 (120) * Maintenance of a basis for location information 76 (43) * Environmental survey for land use 12 (-) * {Projects on subduction-zone earthquakes}, in research on geography and crustal activity related to earthquake research {111} {17} 150 (57) * Renewal of high-accuracy automatic tidal gauge 19 (19)
	Japan Meteorological Agency	2,518	5,376	* Earthquake observation networks, earthquake and tsunami observation system, etc., {including maintenance of "Nowcast" seismographs} 4,160 (1,986) {423} {156} * Monitoring systems, etc. for Tokai and other areas, {including maintenance of cable type ocean bottom seismographs} 912 (208) {761} {57}

				* Collection of data from related organization (unification)	303	(324)
	Meteorological Research Institute	45	60	* Research on increasing accuracy of forecasting the so-called Tokai earthquake and on preparation process of Tonankai and/or Nankai earthquakes	60	(45)
	Japan Coast Guard	136	77	* Observation and others to reveal the crustal movement leading to the occurrence of the earthquake	2	(15)
				* Observation and others for forecasting simulation and monitoring of crustal activity	34	(30)
				* Promotion of marine geodetic measurement	40	(53)
	Total	5,111	8,173	160% (Compared with FY2004)		
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 advancing survey and evaluation of important active faults		
				* Geophysical research on continuity and inhomogeneity of active faults which have little surface evidences		
				* Research on methodology to evaluate stress fields associated with active faults		
				* Experimental study of earthquake generation mechanisms		
				* Research to elucidate history of subduction-zone earthquakes and to estimate damage caused by them		
				* Observation and research of groundwater and others in the Area under Intensified Measures against Earthquake Disaster and in the vicinity of active faults		
				* Research on advancing forecast of ground motion, displacement and deformation at the surface		
				* Research on improving databases of geological structure beneath plains		
	Total	-	-			
	Total	9,002	12,576	140% (Compared with FY2004)		

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		FY2004 Budget	FY2005 Budget	major points
Ministry of Internal Affairs and Communications	Independent Administrative Institution, National Institute of Information and Communications Technology	Subsidy for operation	Subsidy for operation	* Development of high accuracy observation technology and disaster monitoring/forecasting technology, by using image radar equipped on aircrafts
	Independent Administrative Institution, National Research Institute of Fire and Disaster			* Research on establishment of methodology for risk evaluation of oil tanks with secular deterioration
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau, etc.	232	232	* Subsidies concerning radiation monitoring, etc. 232 (232)
	Independent Administrative Institution, Japan Agency for Marine-Earth Science and Technology	Subsidy for operation	Subsidy for operation	* Integrated research on dynamics beneath the seabed * Integrated research on dynamics beneath the seabed * Promotion of deep-sea earth drilling projects * Promotion of the earth simulator project
Ministry of Land, Infrastructure and Transport	Ministry of Land, Infrastructure and Transport	-	-	* Strong motion seismographs and others
	Geographical Survey Institute	146	94	* Research contributing promotion of earthquake research, in research on geography and crustal activities 94 (146)

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.

by the Headquarters for Earthquake Research Promotion