

## Government's Proposed 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	4,040	* Administration of the Headquarter	737 (759)
				* Subsidy for basic earthquake-related survey	1,193 (1,305)
				* Promotion of focused survey observations	198 (199)
				* Research survey into crustal structures in urban areas, included in the special project of earthquake disaster reduction in megacity areas	1,312 (1,375)
				* Research on the Tonankai and Nankai earthquakes (Observation and research on improvement of forecasting accuracy)	400 (-)
	National Universities	1,700	1,667	* 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.	1,389 (1,421)
	Independent Administrative Institution National Research Institute for Earth Science and Disaster Prevention	204	72	* Facilities for fundamental survey and monitoring of earthquakes	72 (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	1,883	* Development and maintenance of synthesized observation systems on the deep sea-bed	285 (307)
				* Solid earth integrated frontier research system	1,599 (1,568)
	Total	7,416	7,662	103% (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	2,417	* Japanese archipelago precise geodetic survey	1,629 (1,690)
				* Enhancement of observations regarding crustal deformation	490 (480)
				* VLBI(very long-range baseline interferometry) measurements	93 (150)
				* Astronomy survey, leveling survey, gravity survey, etc.	129 (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	57 (40) {20}
	Japan Meteorological Agency	#115 2,353	2,594	* Earthquake observation networks, earthquake and tsunami observation system, etc., {including promotion of practical use of "Nowcast earthquake information release."}	#(115) 2,002 (1,901)
				* {Reinforcement of observation systems for the Tonankai and Nankai earthquakes}, in monitoring systems, etc. for Tokai and other areas	290 (148) {148}
				* 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	308	* Observations to reveal the crustal movement leading to the occurrence of the earthquake, etc. * Observations to improve the monitoring of crustal movements, etc. * Promotion of marine geodetic measurement * 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 * Reinforcement of countermeasures for the Tonankai and Nankai earthquake hazards * Expenditure expired in the previous FY	18 75 63 5 148 -	(18) (62) (63) (259) (-) (6)
	Total	#115 5,400	5,355	99% (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	13,017	102% (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	12,515	* Integrated research on dynamics beneath the seabed 92 (100) * Promotion of deep-sea earth drilling projects 8,205 (7,109) * Promotion of the earth simulator project 3,914 (2,157) * Research into geoenvironmental changes resulting from continental movements (in collaboration with METI) 72 (98) * Subsidies concerning radiation monitoring, etc. 232 (232)
Ministry of Land, Infrastructure and Transport	Ministry of Land, Infrastructure and Transport	##	##	* Strong motion seismographs and others
Ministry of Land, Infrastructure and Transport	Geographical Survey Institute	163	146	* Research contributing promotion of earthquake research, in research on geography and crustal activities 146 (163)

Government's Supplementary Budget related to Earthquake Research for FY2002

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

Organization		FY2002 Initial Budget	FY2002 Supplimentary Budget	Major Points for Supplimentary Budget	
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau, etc.	3,638	900	* The application project for advanced and immediate earthquake information transmission networks	900
	National Universities	1,700	-		
	Independent Administrative Institution National Research Institute for Earth Science and Disaster Prevention	204	1,448	* Maintenance(Construction) of seismic observation facilities	348
	Japan Marine Science and Technology Center	1,874	-	* Advancement and speedup of K-NET and its maintenance	1,100
	Total	7,416	2,348		
Ministry of Land, Infrastructure and Transport	Minister's Secretariat	95	-		
	Geographical Survey Institute	2,510	200	* Strengthening of Tonankai and Nankai earthquake observation systems	200
	Japan Meteorological Agency	#115 2,353	400	* Development of seismographs corresponding to "Nowcast"	400
	Meteorological Research Institute	34	-		
	Japan Coast Guard	408	-		
Total	#115 5,400	600			
Total	#115 12,816	2,948			

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 Initial Budget	FY2002 Supplimentary Budget	Major Points for Supplimentary Budget	
Ministry of Education, Culture, Sports, Science and Technology	Japan Marine Science and Technology Center	9,366	10,483	* Acceleration promotion of deep-sea earth drilling projects	10,483
Ministry of Land, Infrastructure and Transport	National Institute for Land and Infrastructure Management	##	245	* Advancement and network construction of strong motion seismographs	245

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.