

Budget Related to Earthquake Research for FY 2008

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

Organization		FY 2007 Budget	FY 2008 Budget	major points	
Ministry of Internal Affairs and Communications	National Research Institute of Fire and Disaster	7	2	* Strong motion observations in the districts of petrochemical industrial complexes - Data communication expenses at strong-motion seismograph installations 2 (2) - etc. 0 (5)	
	Total	7	2	28.8% (Compared with FY 2007)	
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	#698 4,605	#698 4,850	#698 #698 837 (853) * Administration of the Headquarter * Promotion of earthquake research 609 (624) * Intensive surveys and study on the concentrated strain zone 401 - * Evaluation study of continuous movements associated with the Tokai, Tonankai and Nankai 495 - * Special project for earthquake disaster mitigation in metropolitan Tokyo area 1,102 (1,450) * Survey study on subduction earthquakes around the Japan and the Chishima (Kurile) trenches a part of (a part of) 1,102 1,450 * Observation and monitoring systems for earthquakes and tsunamis 1,406 (1,558) * Research project for practical use of real-time earthquake information networks 0 (121)	
	National University Corporation	Subsidy for operation	Subsidy for operation	* Research project on prediction of earthquakes and volcanic eruption - Promotion of observation and research for elucidation of process of crustal activity leading to earthquake occurrence - Promotion of observation and research for forecasting simulation and monitoring of crustal activity - Development of new observation/experiment technology - Maintenance of systems for promotion of programs * International research on earthquakes and volcanoes * Satellite telemeter system for seismic observations	
	Independent Administrative Institution, National Research Institute for Earth Science and Disaster Prevention	-	0	* Renovation of facilities for intermediate-depth earthquake observations 0 - * Maintenance of broad-band seismic observation facilities 0 - * Study for evaluation and forecast of crustal activity by using seismological observation data	
	Independent Administrative Institution, Japan Agency for Marine-Earth Science and Technology	Subsidy for operation	Subsidy for operation	* Employment of synthetic, seismic observation at the sea bottom * Study on earth's interior dynamics * Promotion of ocean drilling program	
	Total	#698 4,605	#698 4,850	105.3% (Compared with FY 2007)	

Ministry of Economy, Trade and Industry	Independent Administrative Institution, National Institute of Advanced Industrial Science and Technology	Subsidy for operation	Subsidy for operation	<ul style="list-style-type: none"> <li>* Maintenance of synthetic observation stations, related to groundwater for forecasting Tonankai/Nankai earthquakes</li> <li>* Research on advancing survey and evaluation of important active faults</li> <li>* Study for elucidation of continuity, activity and inhomogeneity of faults with a little evidence at the surface</li> <li>* Study of earthquake generation mechanisms</li> <li>* Study of earthquake hazard evaluation in the seismic gap area of Chuetsu region, Niigata prefecture</li> <li>* Research to elucidate history of subduction-zone earthquakes and to estimate damage caused by them</li> <li>* Observation and research of groundwater and others in the Area under Intensified Measures against Earthquake Disaster and in the vicinity of active faults</li> <li>* Research on advancing forecast of ground motion, displacement and deformation at the surface</li> <li>* Research on improving databases of geological structure beneath plains</li> <li>* Network management and survey study of comprehensive groundwater observation wells</li> </ul>
	Total	-	-	- % (Compared with FY 2007)
Ministry of Land, Infrastructure and Transport	Geographical Survey Institute	2,267	2,074	<ul style="list-style-type: none"> <li>* Expenses for geodetic baseline bench mark surveys 1,599 (1,738)</li> <li>* Expenses for crustal movement surveys 388 (426)</li> <li>* Expenses for the investigation of geography related to hazard mitigation (Information Development for nationwide active fault zones) 13 (13)</li> <li>* Research on geography and crustal activity related to earthquake research 73 (90)</li> </ul>
	Japan Meteorological Agency	3,566	4,121	<ul style="list-style-type: none"> <li>* Earthquake observation networks, earthquake and tsunami observation system, etc. 2,718 (2,192)</li> <li>* Monitoring systems, etc. for Tokai and other areas, {including maintenance of cable type ocean bottom seismographs } 1,100 (1,071) {785} {839}</li> <li>* Collection of data from related organization (unification) 302 (302)</li> <li>* Cost of public relations regarding earthquakes</li> </ul>
	Meteorological Research Institute	46	46	* Research on increasing accuracy of forecasting the so-called Tokai earthquake and on preparation process of Tonankai and/or Nankai earthquakes 46 (46)
	Japan Coast Guard	56	37	<ul style="list-style-type: none"> <li>* Observation and others to reveal the crustal movement leading to the occurrence of the earthquake 2 (2)</li> <li>* Observation and others for forecasting simulation and monitoring of crustal activity 24 (32)</li> <li>* Promotion of marine geodetic measurement 11 (23)</li> </ul>
	Total	5,935	6,278	105.8% (Compared with FY 2007)
Total		#698 10,547	#698 11,129	105.5% (Compared with FY 2007)

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		FY 2007 Budget	FY 2008 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	* High-efficiency aircraft SAR technology
	National Research Institute of Fire and Disaster	87	70	* Development of systems for estimates of damage of petroleum tanks during earthquakes 9 (39) * Research and development of integrated systems to support fire prevention and disaster mitigation activities during earthquakes 60 (48)
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau, etc.	63	94	* Program to promote education for disaster mitigation 30 - * Subsidies concerning radiation monitoring, etc. 64 (63)
	Independent Administrative Institution, Japan Agency for Marine-Earth Science and Technology	Subsidy for operation	Subsidy for operation	* Promotion of the earth simulator project * Employment of ships
	Independent Administrative Institution, National Research Institute for Earth Science and Disaster Prevention	Subsidy for operation	Subsidy for operation	* Information platform for disaster risk
Ministry of Land, Infrastructure and Transport	Ministry of Land, Infrastructure and Transport	Subsidy for operation	Subsidy for operation	* Strong motion seismographs and others
	Geographical Survey Institute	87	96	* Expenses for study of geography and crustal activity 96 (87)

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

Supplementary budget related to Earthquake Research for FY2007

(unit: million yen)

Organization		FY2007 Supplementary Budget	major points	
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	814	* Intensive surveys and study on the concentrated strain zone	814
	Independent Administrative Institution, National Research Institute for Earth Science and Disaster Prevention	216	* Renovation of facilities for intermediate-depth earthquake observations	216
	Total	1,030		
Ministry of Land, Infrastructure and Transport	Geographical Survey Institute	21	* Expenses for post-disaster releveled of geodetic bench marks (3-dimensional high accuracy survey)	21
	Total	21		
Total		1,051		

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

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