

## Rough estimated demands of the budget related to Earthquake Research for FY2007

(unit: million yen)

Organization		FY2006 Budget	FY2007 Budget (Rough Estimated Demands)	major points		
Ministry of Internal Affairs and Communications	National Research Institute of Fire and Disaster	51	56	* Research on advanced evaluation methodology regarding damage of oil tanks caused by deterioration by aging and earthquake ground motion	56	(51)
	Total	51	56	110% (Compared with FY2006)		
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	4,942	7,973	* Special project on disaster prevention and reduction caused by an earthquake beneath the capital	3,794	-
				* Administration of the Headquarter	952	(659)
				* Promotion of earthquake research	817	(756)
				* Research survey into crustal structures in urban areas, included in the special project of earthquake disaster reduction in megacity areas	0	(942)
				* Observation and monitoring systems for earthquakes and tsunamis	2,257	(1,842)
			* Research on subduction-zone earthquakes, including the Tonankai and Nankai earthquakes	0	(490)	
			* Projects on practical use of high-grade and immediate response transmission networks of earthquake information	153	(161)	
			* Dissemination of outcome of disaster prevention research, applying research result	0	(91)	
	National University Corporation	Subsidy for operation	Subsidy for operation	* Research project on prediction of earthquakes and volcanic eruption (Special education and research) + 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 (Special education and research)		
				* Operation of observation stations, etc.		
	Independent Administrative Institution, National Research Institute for Earth Science and Disaster Prevention	325	2,209	* K-NET facilities for earthquake observation	0	(325)
				* Maintenance of deep-borehole seismic observation facilities	180	-
				* Renewal of high-sensitivity seismic observation facilities	1,781	-
				* Maintenance of broad-band seismic observation facilities	248	-
		Subsidy for operation	Subsidy for operation	* Study for evaluation and forecast of crustal activity by using seismological observation data		
				* Construction of Japan Seismic Hazard Information Station		
	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 deep-sea earth drilling projects		
	Total	5,267	10,182	193% (Compared with FY2006)		

Ministry of Economy, Trade and Industry	Independent Administrative Institution, National Institute of Advanced Industrial Science and Technology	760	720	<ul style="list-style-type: none"> <li>* Maintenance of synthetic, groundwater related observation stations for forecasting Tonankai/Nankai earthquakes</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 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 on advancing forecast of ground motion, displacement and deformation at the surface</li> <li>* Research on improving databases of geological structure beneath plains</li> </ul>	720	(760)
	Total	760	720	95% (Compared with FY2006)		
Ministry of Land, Infrastructure and Transport	Geographical Survey Institute	2,363	2,589	<ul style="list-style-type: none"> <li>* Japanese archipelago precise geodetic survey</li> <li>* Enhancement of observations regarding crustal deformation</li> <li>* VLBI(very long-range baseline interferometry) measurements</li> <li>* Geoid survey, leveling survey, gravity survey, and geomagnetic survey</li> <li>* Maintenance of a basis for location information</li> <li>* Expenses for land survey</li> <li>* Research on geography and crustal activity related to earthquake research</li> <li>* Renewal of high-accuracy automatic tidal gauge</li> </ul>	1,684	(1,568)
	Japan Meteorological Agency	3,714	4,002	<ul style="list-style-type: none"> <li>* Earthquake observation networks, earthquake and tsunami observation system, etc.</li> <li>* Monitoring systems, etc. for Tokai and other areas, {including maintenance of cable type ocean bottom seismographs}</li> <li>* Collection of data from related organization (unification)</li> <li>* Cost of public relations regarding earthquakes</li> </ul>	409	(431)
	Meteorological Research Institute	52	60	* Research on increasing accuracy of forecasting the so-called Tokai earthquake and on preparation process of Tonankai and/or Nankai earthquakes	92	(92)
	Japan Coast Guard	64	64	<ul style="list-style-type: none"> <li>* Observation and others to reveal the crustal movement leading to the occurrence of the earthquake</li> <li>* Observation and others for forecasting simulation and monitoring of crustal activity</li> <li>* Promotion of marine geodetic measurement</li> </ul>	119	(114)
	Total	6,193	6,714	108% (Compared with FY2006)	132	(46)
Total		12,271	17,672	144% (Compared with FY2006)		

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		FY2006 Budget	FY2007 Budget (Rough Estimated Demands)	major points
Ministry of Internal Affairs and Communications	National Institute of Information and Communications Technology	Subsidy for operation	Subsidy for operation	* High-efficiency aircraft SAR technology
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau, etc.	39	63	* Subsidies concerning radiation monitoring, etc. 63 (39)
	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
Ministry of Economy, Trade and Industry	Ministry of Economy, Trade and Industry	70	0	* Evaluation study of earthquake resistance for long period ground motion 0 (70)
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	104	95	* Cost for study of geography and crustal activity 105 (95)

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