

Budget Request Related to Earthquake Research for FY 2012

(unit: million yen)

Organization		FY 2011 Budget	FY 2012 Budget Request	major points		
Ministry of Internal Affairs and Communications	National Institute of Information and Communications Technology			* Study on grasping technology of the disaster using the airborne high-resolution SAR		
	National Research Institute of Fire and Disaster	15	40	* Study on seismic safety of hazardous material facilities like oil storage tanks	40 (15)	
	Total	15	40	264 % (Compared with FY 2011)		
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	4,269	30,232	* Observation and monitoring systems for earthquakes and tsunamis	6,431 (1,290)	
				* Development of ocean bottom earthquake and tsunami observation networks around Japan trench	18,802 (0)	
				* The Headquarters for Earthquake Research Promotion		
				(Administration of the Headquarters)	450 (400)	
				(Active fault survey)	523 (585)	
				(Long-period ground motion maps)	42 (42)	
				(Research on earthquake and tsunami off the Pacific coast of Tohoku)	1204 (0)	
				(Intensive observation off-shore Nemuro)	0 (4)	
				* Strategy project for earthquake disaster prevention research		
				(Project for mitigation of devastating disaster caused by urban fragility)	876 (0)	
				(Intensive surveys and study on the concentrated strain zone)	478 (499)	
				(Evaluation study of continuous movements associated with the Tokai, Tonankai and Nankai Earthquakes)	634 (498)	
				(Technical development of ocean bottom GPS)	115 (69)	
				(System development for tsunami early warning)	235 (0)	
				(Digital archives of natural disaster for disaster prevention and reduction)	214 (0)	
				(Research and development of the rescue robots)	228 (0)	
				(Special Project for Earthquake Disaster Mitigation in Metropolitan Tokyo Area)	0 (881)	
		National University Corporation			* Observation and study for forecasting earthquake and volcanic eruption	
		National Research Institute for Earth Science and Disaster Prevention	5,365	12,876	* Maintenance of earthquake and volcanic observation facilities	1,927 (70)
					* High accuracy observation and development of the forecasting technology of seismic and volcanic activities	2,641 (3,083)
				* Promotion of the research and development using integrated onshore - offshore seismic data	460 (0)	
				* Research on social infrastructure utilizing E-Defense	1,752 (1,712)	
				* Improvement of E-Defense	4,375 (0)	
				* Construction of Disaster Risk Information Platform (Research on seismic hazard and risk evaluation system)	382 (500)	
				* Research and development for the improvement of disaster prevention of wide-area compound disaster	440 (0)	
				* Making of national tsunami hazard maps	600 (0)	
				* Improvement of seismic hazard maps	200 (0)	

	Japan Agency for Marine-Earth Science and Technology	Subsidy for operation	Subsidy for operation	* Acceleration of the research and development of basic map of active faults	100	(0)
				* Development of the basic technology concerning the ocean (Development of the technology for disaster prevention against earthquakes and tsunamis)		
				* Study on earth's interior dynamics		
				* Promotion of ocean drilling program		
	Total	9,634	43,108	447% (Compared with FY 2011)		
Ministry of Economy, Trade and Industry	National Institute of Advanced Industrial Science and Technology	Subsidy for operation	Subsidy for operation	* Research on evaluation of active faults		
				* Research on evaluation of subduction-zone earthquakes		
				* Research on seismic hazard analysis		
	Total	-	-	- % (Compared with FY 2011)		
Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	1,491	1,485	* Expenses for geodetic baseline bench mark surveys	1,108	(1,065)
				* Expenses for crustal movement surveys	327	(349)
				* Expenses for the investigation of geography related to hazard mitigation		
				(Information development for nationwide active fault zones)	18	(12)
				(Maintenance of precision 3D base map)	0	(30)
				* Expenses for the research on geography and crustal dynamics	33	(35)
	Japan Meteorological Agency	1,938	1,680	* Earthquake observation networks, earthquake and tsunami observation system, etc.	1,231	(1,487)
				* Monitoring systems, etc. for Tokai and other areas	188	(193)
				* Collection of data from related organization (unification)	245	(245)
				* Research on real-time understanding of great earthquake along the trench (Meteorological Research Institute)	17	(14)
	Japan Coast Guard	105	131	* Observation and others to reveal the crustal movement leading to the occurrence of the earthquake	1	(2)
				* Observation and others for forecasting simulation and monitoring of crustal activity	109	(83)
				* Promotion of marine geodetic measurement	21	(21)
	Total	3,534	3,296	93% (Compared with FY 2011)		
Total		13,184	46,445	352% (Compared with FY 2011)		

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 2011 Budget	FY 2012 Budget Request	major points		
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	36	30	* Subsidies concerning radiation monitoring, etc.	30	(36)
Ministry of Economy, Trade and Industry	National Institute of Advanced Industrial Science and Technology	Subsidy for operation	Subsidy for operation	* Geological survey		
Ministry of Land, Infrastructure, Transport and Tourism	Geographical Survey Institute	70	61	* Expenses for the research on geography and crustal dynamics (related to the promotion of earthquake research)	61	(70)

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