

Budget Related to Earthquake Research for FY 2013

(unit: million yen)

Organization		FY 2012 Budget	FY 2013 Budget	major points	
Ministry of Internal Affairs and Communications	National Institute of Information and Communications Technology	Subsidy for operation	Subsidy for operation	* Study on grasping technology of the disaster using the airborne high-resolution SAR	- (-)
	National Research Institute of Fire and Disaster	35	23	* Study on seismic safety of hazardous material facilities like an oil storage tank	23 (35)
	Total	35	23	65 % (Compared with FY 2012)	
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	22,507	4,467	* Observation and monitoring systems for earthquakes and tsunamis	1,260 (6,421)
				* Development of ocean bottom earthquake and tsunami observation networks around the Japan Trench (operation costs)	300 (12,613)
				* The Headquarters for Earthquake Research Promotion (Administration of the Headquarters)	441 (412)
				(Active fault survey)	522 (522)
				(Long-period ground motion hazard maps)	41 (41)
				(Research and observation of earthquake and tsunami off the Pacific coast of Tohoku)	50 (981)
				(Project for the comprehensive evaluation of fault information at sea)	479 (-)
				* Strategy project for earthquake disaster prevention research (Project for mitigation of devastating disaster caused by urban fragility)	505 (591)
				(Technical development of ocean bottom GPS)	200 (72)
				(Project for wide-area earthquake research of the Nankai Trough)	475 (-)
(Project for the earthquake and tsunami survey in the Japan Sea)	586 (-)				
(Project for the study on support of local disaster- damage prevention measure)	50 (-)				
(Intensive surveys and study on the concentrated strain zone)	0 (420)				
(Evaluation study of continuous movements associated with the Tokai, Tonankai and Nankai Earthquakes)	0 (435)				
National University Corporation	Subsidy for operation	Subsidy for operation	* Observation and study for forecasting earthquake and volcanic eruption	- (-)	
National Research Institute for Earth Science and Disaster Prevention	9,331	4,858	* Maintenance of earthquake and volcanic observation facilities	65 (234)	
			* High accuracy observation and development of the forecasting technology of seismic and volcanic activities	2,300 (2,459)	
			* Research on social infrastructure utilizing E-Defense	1,677 (1,752)	
			* Maintenance of E-Defense	156 (4,125)	
			* Social system research based on disaster risk information (Research and development of seismic hazard and risk system)	660 (761)	
Japan Agency for Marine- Earth Science and Technology	Subsidy for operation	Subsidy for operation	* 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	31,838	9,325	29% (Compared with FY 2012)	
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 2012)	
Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	1,485	1,393	* Expenses for geodetic baseline bench mark surveys	1,021 (1,108)
				* Expenses for crustal movement surveys	322 (327)
				* Expenses for the investigation of geography related to hazard mitigation (Development of the information for nationwide active fault zones)	17 (18)
				* Expenses for the research on geography and crustal dynamics	33 (33)
	Japan Meteorological Agency	1,681	1,673	* Earthquake observation networks, earthquake and tsunami observation system, etc.	1,220 (1,226)
Japan Coast Guard	130	97	* Continuous monitoring for Tokai and other areas	186 (188)	
			* Collection of data from related organization (unification)	245 (245)	
			* Research on real-time understanding of great earthquake along the trench (Meteorological Research Institute)	17 (17)	
Japan Coast Guard	130	97	* Research on high accuracy forecasting of tsunami by the observation of offshore and coast tsunami (Meteorological Research Institute)	6 (6)	
			* Observation and others to reveal the crustal movement leading to the occurrence of the earthquake	1 (1)	
			* Observation and others for forecasting simulation and monitoring of crustal activity	75 (108)	
	Total	3,296	3,164	96% (Compared with FY 2012)	
Reconstruction Agency*		-	8,475	* Development of ocean bottom earthquake and tsunami observation networks around the Japan Trench (equipment production, construction costs, etc.)	8,475 (-)
	Total	-	8,475	-% (Compared with FY 2012)	
Total		35,169	20,987	60% (Compared with FY 2012)	

* The budget related to the development of ocean bottom earthquake and tsunami observation networks around the Japan Trench included in Reconstruction Agency is going to be executed in Ministry of Education, Culture, Sports, Science and Technology.

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 2012 Budget	FY 2013 Budget	major points
Ministry of Economy, Trade and Industry	National Institute of Advanced Industrial Science and Technology	Subsidy for operation	Subsidy for operation	* Development of geological information
Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	61	49	* Expenses for the research on geography and crustal dynamics (related to the promotion of earthquake research)

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 FY 2012

(unit: million yen)

Organization	FY 2012 Supplementary Budget	major points
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	231 * Observation and monitoring systems for earthquakes and tsunamis (Maintenance to plan certain operation at the outbreak of the disaster)
	National Research Institute for Earth Science and Disaster Prevention	5,350 * Maintenance of earthquake and volcanic observation facilities
	National University Corporation	Included number of subsidy for the cost of building facilities of the national university corporation, etc. * Facilities necessary to promote the project of the research plan for the forecasting of earthquake and volcanic eruption
	Total	5,581
Ministry of Land, Infrastructure, Transport and Tourism	Japan Meteorological Agency	357 * The reinforcement of meteorological observation facilities (update, reinforcement of the seismic array system)
	Total	357
Total	5,939	

Note 1) There may be slight discrepancies in the totals, as tables have been rounded off.

Note 2) Amounts relating to subsidy for the cost of building facilities of the national university corporation, etc. are not included in the total.

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