

Budget Request Related to Earthquake Research for FY 2014

(unit: million yen)

Organization		FY 2013 Budget	FY 2014 Budget Request	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	23	20	* Research and development on the seismic safety of dangerous facilities like the oil tanks	20 (23)
	Total	23	20	88 % (Compared with FY 2013)	
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	4,467	6,217	* Observation and monitoring systems for earthquakes and tsunamis	968 (818)
				* Development of ocean bottom earthquake and tsunami observation networks around the Japan Trench	1,910 (300)
				* The Headquarters for Earthquake Research Promotion (Administration of the Headquarters)	661 (441)
				(Active fault survey)	522 (522)
				(Long-period ground motion hazard maps)	41 (41)
				(Project for the comprehensive evaluation of fault information in the area of sea)	479 (479)
				(Research and observation of earthquake and tsunami off the Pacific coast of Tohoku)	(50)
				* Strategy project for earthquake disaster prevention research (Project for mitigation of devastating disaster caused by urban fragility)	505 (505)
				(Project for wide-area earthquake research of the Nankai Trough)	475 (475)
				(Project for the earthquake and tsunami survey in the Japan Sea)	605 (586)
(Project for the study on support of local disaster- damage prevention measure)	50 (50)				
(Technical development of ocean bottom GPS)	(200)				
National University Corporation	Subsidy for operation	Subsidy for operation	* Earthquake and volcanic research to contribute to the mitigation of disaster (tentative name)		
National Research Institute for Earth Science and Disaster Prevention	4,858	6,398	* Maintenance of earthquake and volcanic observation facilities	816 (65)	
			* High accuracy observation and development of the forecasting technology of seismic and volcanic activities	2,759 (2,300)	
			* Research on social infrastructure utilizing E-Defense	2,062 (1,677)	
			* Maintenance of E-Defense	100 (156)	
			* Social system research based on disaster risk information (Research and development of seismic hazard and risk system)	661 (660)	
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	9,325	12,614	135% (Compared with FY 2013)		

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 2013)		
Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	1,393	1,397	* Expenses for geodetic baseline bench mark surveys	1,028	(1,021)
				* Expenses for crustal movement surveys	315	(322)
				* Expenses for the investigation of geography relating to hazard mitigation (Development of the information for nationwide active fault zones)	17	(17)
				* Expenses for the research on geography and crustal dynamics	37	(33)
	Japan Meteorological Agency	1,673	3,897	* Earthquake observation networks, earthquake and tsunami observation system, etc.	2,296	(1,220)
				* Continuous monitoring for Tokai and other areas	1,268	(186)
				* Collection of data from related organization (unification)	304	(245)
				* Research on real-time understanding of great earthquake along the trench (Meteorological Research Institute)	14	(17)
				* Research on high accuracy forecasting of tsunami by the observation of offshore and coast tsunami (Meteorological Research Institute)	14	(6)
	Japan Coast Guard	97	94	* 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				72	(75)	
* Promotion of marine geodetic measurement				21	(21)	
	Total	3,164	5,388	170% (Compared with FY 2013)		
Total		12,512	18,022	144% (Compared with FY 2013)		

The budget relating to the development of ocean bottom earthquake and tsunami observation networks around the Japan Trench includes 1,456 million yen in special account for reconstruction separately from the above.

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 2013 Budget	FY 2014 Budget Request	major points		
Ministry of Internal Affairs and Communications	National Research Institute of Fire and Disaster	63	268	* Research and development of vehicle and equipment, etc. for energy and industrial infrastructure disaster immediate reaction force (Research and development of firefighting robot for disaster response)	200	(-)
				* Research and development of information technology for firefighting strengthening of large-scale disasters (Research and development of next generation geospatial disaster simulation)	32	(25)
				* Research and development for the safety of firefighting operations (Practical application of fast and secure life-saving technology from the disaster site)	36	(38)
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	59	61	* Expenses for the research on geography and crustal dynamics (relating to the promotion of earthquake research)	61	(59)

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.

Parentheses to the right of “major points” are the budget for the fiscal year 2013.

by the Headquarters for Earthquake Research Promotion