

Budget Related to Earthquake Research for FY 2021

(unit: million yen)

Organization		Fiscal Year (FY) 2020 Budget	FY 2021 Budget	Major points
Ministry of Internal Affairs and Communications	National Institute of Information and Communications Technology	Included in operating expense subsidy	Included in operating expense subsidy	* Research on grasping technology of the disaster using the airborne high-resolution SAR
	National Research Institute of Fire and Disaster	27	18	* Research on the coseismic enhanced safety of dangerous facilities like the oil tanks 18 (27)
	Subtotal	27	18	66 % (Compared with FY 2020)
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	3,006	2,889	* Operation of seafloor observation network for earthquakes and tsunamis 1,017 (1,017)
				* Construction of seafloor observation network for earthquakes and tsunamis along the Nankai Trough (N-net) (Note 3) (Note 3)
				* The Headquarters for Earthquake Research Promotion (Administration of the Headquarters) 573 (461)
				(Active fault survey) 372 (391)
				* Resilience comprehensive improvement projects centered on the Tokyo metropolitan area 391 (456)
				* Strategy project for earthquake disaster prevention research (Research project for Nankai Trough Earthquake contributing to disaster prevention) 378 (420)
				(Research project for the earthquakes and tsunamis in the Japan Sea area) - (255)
(Earthquake research project utilizing information science) 152 (0)				
(Expenses for the promotion of disaster prevention research) 6 (6)				
National University Corporation	National Research Institute for Earth Science and Disaster Resilience	Included in operating expense subsidy	Included in operating expense subsidy	* Earthquake and volcano research plan to make a contribution to the mitigation of disaster (secondary)
				* Earthquake / tsunami observation prediction research
				* Earthquake mitigation research utilizing Three-Dimensional Full-Scale Earthquake Testing Facility (E-Defense)
Japan Agency for Marine-Earth Science and Technology		Included in operating expense subsidy	Included in operating expense subsidy	* Research on natural disaster hazard, risk assessment and information utilization
				* Research and development on earthquakes and volcanic activity occurring in the sea
				Subtotal
Ministry of Economy, Trade and Industry	National Institute of Advanced Industrial Science and Technology	Included in operating expense subsidy	Included in operating expense subsidy	* Research on evaluation of active faults
				* Research on evaluation of subduction-zone earthquakes
				* Research on seismic hazard assessment
	Subtotal	-	-	- % (Compared with FY 2020)

Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	1,342	1,267	* Basic geodetic benchmark surveys	968	(1,041)
				* Surveys of crustal movement, etc.	245	(252)
				* Surveys of geography related to hazard mitigation (Development of the information for nationwide active fault zones)	28	(28)
				* Research on geography and crustal dynamics	26	(21)
	Japan Meteorological Agency	2,005	2,739	* Seismograph networks, earthquake and tsunami monitoring system, etc.	2,292	(1,592)
				* Continuous monitoring of seismic activity and crustal deformation, and evaluation of possibility of earthquake occurrence along the Nankai Trough	144	(144)
				* Collection of data from related organization (unification)	257	(257)
				* Research on the plate coupling and rapid estimation of source parameters of tsunami earthquakes along the Nankai Trough (Meteorological Research Institute)	-	(13)
				* Research on rapid understanding of seismic image and slow slip of a large earthquake that occurred in the Nankai Trough (Meteorological Research Institute)	45	(0)
	Japan Coast Guard	52	50	* Promotion of the seafloor geodetic observation, etc.	12	(11)
* Promotion of the seafloor geodetic monitoring observation, etc.				29	(31)	
			* Promotion of marine geodetic measurement	10	(10)	
	Subtotal	3,399	4,056	119% (Compared with FY 2020)		
Total		6,433	7,019	109% (Compared with FY 2020)		

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 2020 Budget	FY 2021 Budget	Major points	
Ministry of Internal Affairs and Communications	National Institute of Information and Communications Technology	Included in operating expense subsidy	Included in operating expense subsidy	* Research and development of resilient ICT	
Ministry of Economy, Trade and Industry	National Institute of Advanced Industrial Science and Technology	Included in operating expense subsidy	Included in operating expense subsidy	* Development of geological information	
Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	73	53	* Research on geography and crustal dynamics (related to the promotion of earthquake research)	53 (73)

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

Note 2) Amounts related to operating expense subsidy for National Research and Development Agencies, etc. are not included in the total.

Note 3) The budget related to "temporary / special measures" is excluded.

Parentheses to the right of "major points" are the budget for FY 2020.

Headquarters for Earthquake Research Promotion

Supplementary Budget Related to Earthquake Research for FY 2020

(unit: million yen)

Organization		FY 2020 Supplementary Budget	Major points	
Ministry of Education, Culture, Sports, Science and Technology	National Research Institute for Earth Science and Disaster Resilience	417	* Update of communication line of strong-motion seismograph networks for stable supply of seismic observation data	417
	Subtotal	417		
Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	509 (Note 2)	* Strengthening of GNSS control station, etc. for stable and rapid crustal movement monitoring	509 (Note 2)
	Subtotal	509 (Note 2)		
	Japan Meteorological Agency	143	* Development of multifunctional seismic observation equipment	143
	Subtotal	143		
	Japan Coast Guard	43	* Promotion of the seafloor geodetic observation, etc.	43
Subtotal	43			
Total		1,111 (Note 2)		

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

Note 2) The Geospatial Information Authority of Japan is measured in internal numbers.

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