

Budget Related to Earthquake Research for FY 2023

(unit: million yen)

Organization		Fiscal Year (FY) 2022 Budget Amount	FY 2023 Budget	Major points	
Ministry of Internal Affairs and Communications	National Institute of Information and Communications Technology	Included in the promotion of observation and analysis of radio wave propagation, etc.	Included in the promotion of observation and analysis of radio wave propagation, etc.	* Implementation of demonstration observations to promote rapid disaster situation grasp using next- generation airborne SAR	
	National Research Institute of Fire and Disaster	28	27	* Research on the coseismic enhanced safety of dangerous facilities like the oil tanks (Note 4) (Of which are collectively accounted for by the Digital Agency.)	27 (28) 14 (14)
	Subtotal (Note 4)	28	27	96 % (Compared with FY 2022)	
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	2,546	2,517	* Operation of seafloor observation network for earthquakes and tsunamis	1,157 (1,157)
				* Construction of Nankai Trough Seafloor Observation Network for Earthquakes and Tsunamis (N-net)	55 (70)
				* The Headquarters for Earthquake Research Promotion	
				(Administration of the Headquarters) (Note 4)	366 (380)
				(Of which are collectively accounted for by the Digital Agency.)	39 (51)
				(Active fault survey)	372 (372)
				* Strategy project for earthquake disaster prevention research	
				(Research project for Nankai Trough Earthquake contributing to disaster prevention)	378 (378)
				(Earthquake research project utilizing information science)	182 (182)
				(Expenses for the promotion of disaster prevention research)	6 (6)
	National University Corporation	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)	
	National Research Institute for Earth Science and Disaster Resilience	Included in operating expense subsidy	Included in operating expense subsidy	* Research on observation and prediction of earthquake and tsunami	
				* Earthquake mitigation research utilizing Three- Dimensional Full-Scale Earthquake Testing Facility (E-Defense)	
				* Research on natural disaster hazard, risk assessment and information utilization	
	Japan Agency for Marine- Earth Science and Technology	Included in operating expense subsidy	Included in operating expense subsidy	* Research and development on earthquakes and volcanic activity occurring in the sea	
	Subtotal (Note 4)	2,546	2,517	99% (Compared with FY 2022)	
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 2022)	

Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	1,247	1,154	* Basic geodetic benchmark surveys (Note 4) (Of which are collectively accounted for by the Digital Agency.)	858	(947)
					64	(100)
				* Surveys of crustal movement, etc.	239	(246)
				* Surveys of geography related to hazard mitigation (Development of the information for nationwide active fault zones)	31	(28)
				* Research on geography and crustal dynamics	26	(26)
	Japan Meteorological Agency	2,556	1,407	* Seismograph networks, earthquake and tsunami monitoring system, etc. (Note 4) (Of which are collectively accounted for by the Digital Agency.)	1,024	(2,142)
					130	(1,172)
				* Continuous monitoring of seismic activity and crustal deformation, and evaluation of possibility of earthquake occurrence along the Nankai Trough	109	(141)
				* Collection of data from related organization (Unification)	257	(257)
				* Research on rapid estimation of earthquakes and slow slip events along the Nankai Trough (Meteorological Research Institute)	17	(15)
	Japan Coast Guard	49	51	* Promotion of the seafloor geodetic observation, etc.	12	(12)
				* Promotion of the seafloor geodetic monitoring observation, etc.	30	(27)
				* Promotion of marine geodetic measurement	10	(10)
	Subtotal (Note 4)	3,852	2,612	68% (Compared with FY 2022)		
Total (Note 4)		6,426	5,156	80% (Compared with FY 2022)		

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		Fiscal Year (FY) 2022 Budget Amount	FY 2023 Budget	Major points		
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	53	54	* Research on geography and crustal dynamics (Related to the promotion of earthquake research)	54	(53)

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

Note 2) In addition, there are facility-related expenses and requirements.

Note 3) Amounts related to operating expense subsidy for National Research and Development Agencies, etc. are not included in the total.

Note 4) After FY 2022, the amount of expenses related to government information systems is included in the Digital Agency's budget as a lump sum.

Parentheses to the right of “Major points” are the budget amount for FY 2022.

Headquarters for Earthquake Research Promotion

Supplementary Budget Amount Related to Earthquake Research for FY 2022

(unit: million yen)

Organization		FY 2022 Supplementary Budget Amount	Major points	
Ministry of Education, Culture, Sports, Science and Technology	National Research Institute for Earth Science and Disaster Resilience	5,812	* Functional enhancement of earthquake and tsunami observation networks, etc.	5,812
	Subtotal	5,812		
Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	1,134	* Strengthening the disaster resistance of GNSS-based control stations network	1,134
	Japan Meteorological Agency	303	* Improvement of seismic observation facilities (Multifunctional seismic observation equipment, seismic intensity observation equipment, multifunctional central station equipment for seismic	303
	Japan Coast Guard	57	* Promotion of observation of seafloor crustal movements, etc.	57
	Subtotal	1,494		
Total		7,306		

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

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