

Budget Related to Earthquake Research for FY 2022

(unit: million yen)

Organization		Fiscal Year (FY) 2021 Budget Amount	FY 2022 Budget	Major points	
Ministry of Internal Affairs and Communications	National Institute of Information and Communications Technology	Included in operating expense subsidy	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	18	28	* Research on the coseismic enhanced safety of dangerous facilities like the oil tanks (Note 3: Of which, collective accounting by the Digital Agency)	28 (18) 14
	Subtotal	18	28	155 % (Compared with FY 2021)	
	(Note 3: Of which, collective accounting by the Digital Agency)	-	14		
Ministry of Education, Culture, Sports, Science and Technology	Research and Development Bureau	2,945	2,546	* Operation of seafloor observation network for earthquakes and tsunamis	1,157 (1,017)
				* Construction of Nankai Trough Seafloor Observation Network for Earthquakes and Tsunamis (N-net)	70 (56)
				* The Headquarters for Earthquake Research Promotion (Administration of the Headquarters)	380 (573)
				(Note 3: Of which, collective accounting by the Digital Agency)	51 -
				(Comprehensive promotion of active fault survey)	372 (372)
				* Resilience comprehensive improvement projects centered on the Tokyo metropolitan area	0 (391)
				* Strategy project for earthquake disaster prevention research (Research project for Nankai Trough Earthquake contributing to disaster prevention) (Earthquake research project utilizing information science) (Expenses for the promotion of disaster prevention research)	378 (378) 182 (152) 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	2,945	2,546	86% (Compared with FY 2021)	
	(Note 3: Of which, collective accounting by the Digital Agency)	-	51		

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 2021)	
Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	1,267	1,247	* Basic geodetic benchmark surveys 947 (968) (Note 3: Of which, collective accounting by the Digital Agency) 100 - * Surveys of crustal movement, etc. 246 (245) * 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 (26)	
	Japan Meteorological Agency	2,737	2,556	* Seismograph networks, earthquake and tsunami monitoring system, etc. 2,142 (2,292) (Note 3: Of which, collective accounting by the Digital Agency) 1,172 - * Continuous monitoring of seismic activity and crustal deformation, and evaluation of possibility of earthquake occurrence along the Nankai Trough 141 (144) * 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) 15 (45)	
	Japan Coast Guard	50	49	* Promotion of the seafloor geodetic observation, etc. 12 (12) * Promotion of the seafloor geodetic monitoring observation, etc. 27 (29) * Promotion of marine geodetic measurement 10 (10)	
	Subtotal	4,056	3,852	95% (Compared with FY 2021)	
	(Note 3: Of which, collective accounting by the Digital Agency)	-	1,272		
	Total	7,019	6,426	92% (Compared with FY 2021)	
	(Note 3: Of which, collective accounting by the Digital Agency)	-	1,338		

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) 2021 Budget Amount	FY 2022 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	53	* Research on geography and crustal dynamics (related to the promotion of earthquake research) 53 (53)

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 for FY2022 includes the amount allocated to the Digital Agency as collective accounting for the government information system.

Parentheses to the right of “major points” are the budget amount for FY 2021.

Headquarters for Earthquake Research Promotion

Supplementary Budget Amount Related to Earthquake Research for FY 2021

(unit: million yen)

Organization		FY 2021 Supplementary Budget Amount	Major points	
Ministry of Education, Culture, Sports, Science and Technology	National Research Institute for Earth Science and Disaster Resilience	4,018	* Construction of Nankai Trough Seafloor Observation Network for Earthquakes and Tsunamis (N-net)	1,948
			* Repair and aging countermeasures for the Seafloor Observation Network for Earthquakes and Tsunamis along the Japan Trench (S-net)	810
			* Replacement of communication line of the strong- motion observation network for stable sharing of seismic observation data	818
			* Update and speed up the backbone network of the National Research Institute for Earth Science and Disaster Resilience	442
	Japan Agency for Marine- Earth Science and Technology	700	* Development of crustal movement observation equipment in the deep seafloor	700
	Subtotal	4,718		
Ministry of Economy, Trade and Industry	National Institute of Advanced Industrial Science and Technology	Included in subsidies for facility improvement	* Development of comprehensive observation stations for groundwater, etc. in the Nankai Trough	
	Subtotal	-		
Ministry of Land, Infrastructure, Transport and Tourism	Geospatial Information Authority of Japan	1,149	* Strengthening the disaster resistance of GNSS-based control stations network	1,149
	Japan Meteorological Agency	1,168	* Improvement of seismic observation facilities (land transmission section of cable type ocean bottom seismographs)	175
			* Improvement of seismic observation facilities (multifunctional seismic observation equipment, seismic intensity observation equipment)	993
	Japan Coast Guard	14	* Promotion of observation of seafloor crustal movements, etc.	14
	Subtotal	2,331		
Total		7,049		

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

Headquarters for Earthquake Research Promotion