

List of National Research and Development Agencies under the jurisdiction of MEXT

Document 2-7

Name of agency	Outline	Operational subsidies for FY2019 Original budget (million yen)	Number of permanent staff (As of January 1, 2019)
National Institute for Materials Science President Kazuhito Hashimoto  	Basic R&D of materials for creating new materials such as nanostructure-controlled material synthesis technology Examples of specific projects Promotion of world-leading research as the nation's core institute for material research (functional materials, structural materials, basic technology for material research); implementation of core model institutional projects under the innovative materials development and improvement program (M3 program), etc.	13,637	862
National Research Institute for Earth Science and Disaster Resilience President Haruo Hayashi  	Basic and fundamental R&D for reducing damage caused by earthquake, tsunami, volcano and climatic hazards Examples of specific projects Improvement of earthquake and tsunami prediction technology; volcanic hazard observation and prediction study; earthquake disaster mitigation study using E-Defense; climatic hazard mitigation study; natural disaster and hazard risk assessment and information leveraging study; stable operation of fundamental earthquake observation networks and advanced research facilities, etc.	7,607	272
National Institutes for Quantum and Radiological Science and Technology President Toshio Hirano  	Leading role for creating innovation as an industry-academia-government platform for quantum science and technology Examples of specific projects Development of fundamental technology for quantum bioscience which brings about innovation in the bioscience field, alliance project with the aim of open innovation by quantum science and technology, R&D for advancement and application of quantum beam, R&D on cancer treatment using heavy particle beams, medical research on radiological consequence/exposure, R&D on nuclear fusion, etc.	21,583	1,215
Japan Science and Technology Agency President Michinari Hamaguchi  	By making best use of resources inside and outside the organization as a network institute, and planning and proposing R&D strategies and promoting R&D, comprehensive promotion of knowledge creation and transfer of it to economic and social values as well as future co-creation and human resources development for creating the future. Examples of specific projects Planning and proposal of R&D strategies; promotion of strategic basic research; promotion of high risk and high impact R&D; deployment of R&D by concentrating wisdom in industry-academia collaboration; promotion of international science and technology cooperation; development and provision of knowledge infrastructure; promotion of scientific communication; development and utilization of human resources and promotion of their research activities, etc.	100,511	1,277
Name of agency	Outline	Operational subsidies for FY2019 Original budget (million yen)	Number of permanent staff (As of January 1, 2019)
RIKEN President Hiroshi Matsumoto  	Implementation of basic science research in a wide range of areas, social problem solution type R&D, improvement, sharing and utilization of world-leading research infrastructure as a comprehensive research institute for natural science Examples of specific projects Study of regenerative medicine for intractable disease treatment using iPS cells; basic research of nuclear physics, etc.; shared use of advanced large research facilities including Spring-8 and the "K" computer etc.	53,109	3,634
Japan Aerospace Exploration Agency  President Hiroshi Yamakawa 	Comprehensive R&D in aerospace fields from basic research and development to utilization Examples of specific projects R&D of rockets as the base for autonomous space activities; R&D and utilization of artificial satellites for disaster response; promotion of space science and exploration using HAYABUSA 2 etc.; promotion of space environment utilization in the Japanese Experiment Module KIBO of International Space Station (ISS); advanced and fundamental R&D for space aeronautics science and technology, etc.	115,923	2,152
Japan Agency for Marine-Earth Science and Technology President Asahiko Taira  	R&D of maritime issues including ocean floor resources, sea area seismogenic zones, and marine and geoenvironmental fluctuation, etc. according to national and social needs. Examples of specific projects Exploration of ocean floor resources using the deep sea drilling vessel CHIKYU, and ocean biological resources through ocean-trench earthquake researches and the SHINKAI 6500, etc.	32,070	1,012
Japan Atomic Energy Agency President Toshio Kodama  	R&D for basic and application research of nuclear power and establishing nuclear fuel cycle Examples of specific projects Decommissioning study and human resources development in relation to the accident at Fukushima Dai-ichi Nuclear Power Plant, as well as basic research for improving safety, etc.	130,270	3,898

2.173 billion yen was allocated to the reconstruction special account