

Overview of GSI

History

(year)	Civilian Organizations	Former Imperial Army Organization
1869	The Cadastral Map Section established to compile topographic maps and gather geographical data in the Ministry of Civil Services	1871 The Intelligence Group established, taking charge of geographical surveying in the Ministry of the Army
1875	Initiation of major triangulation by the Home Ministry	1883 Initiation of first order triangulation surveys and first order leveling
1884	Triangulation activity transferred from the Home Ministry to the General Staff Office	1884 The Survey Bureau established in the General Staff Office of the Imperial Army

1888 The Japanese Imperial Land Survey established in the General Staff Office of the Imperial Army and the Land Surveying Department in the General Staff Office in the following year



Land Surveying Department (Tokyo)

1891	Origin of the Vertical Control Network established in the General Staff Office in Miyakezaka, Tokyo
1892	Origin of the Japanese Horizontal Control Network established in Azabu, Tokyo (center of the meridian circle of the Tokyo Observatory)
1908	Launch of the development of 1:25,000 topographic maps
1915	First order triangulation surveys completed
1924	1:50,000 topographic maps of entire Japan finalized

Home Ministry, Ministry of Construction, and Ministry of Land, Infrastructure, Transport, and Tourism

1945 The Geographical Survey Institute founded as an ancillary organ of the Home Ministry



Geographical Survey Institute (Chiba)

1948	The Ministry of Construction established, under which GSI is placed as an ancillary organ
1949	The Survey Act promulgated
1953	The Long-Term Plan for Basic Surveys publicly announced (from 1953 to 1962)
1956	Participation in Antarctic expedition

1958 Relocation from Chiba, Chiba Pref. to Meguro, Tokyo



Geographical Survey Institute (Tokyo)

1960	The Japanese name of the Geographical Survey Institute, Chirichosajo, changed to Kokudochiriin
1969	The Coordinating Committee for Earthquake Prediction established
1974	Precise geodetic network surveys launched
1979	Relocation from Tokyo to Tsukuba, Ibaraki Pref.



GSI Headquarters (Tsukuba)

1981	VLBI facility installed
1983	1:25,000 topographic maps completed (except for some remote islands)
1984	GSI designated as the special organization of the Ministry of Construction
1994	Launch of nationwide GPS continuous observation
1996	Opening of the Science Museum of Map and Survey
1998	Global Mapping Project begins
2001	The Ministry of Land, Infrastructure and Transport established with GSI as one of its special organization GSI nominated as a designated administrative organ under the Disaster Countermeasures Basic Act Revision of Survey Act (Adoption of the World Geodetic System)
2002	Nationwide network of CORS completed
2003	Launch of Digital Japan Web System (current GSI Maps) Digital Map 25,000 published (National Geospatial Data Framework)
2007	The Survey Act revised (designed to promote the utilization of survey results) The Basic Act on the Advancement of Utilizing Geospatial Information (NSDI Act) promulgated
2011	Numerical coordinates of Origin of the Japanese Horizontal Control Network and Origin of the Japanese Vertical Control Network revised as a result of the effects caused by the "2011 off the Pacific coast of Tohoku Earthquake"
2014	Digital Topographic Map 25000 and 1:25000 topographic maps completed nationwide The Long-Term Plan for Basic Surveys announced (from 2014 to 2023)
2015	Digital Topographic Map 200000 and Digital Map (Basic Geospatial Information 200000) completed nationwide
2017	The Basic Plan for the Advancement of Utilizing Geospatial Information(3rd term) approved by the Cabinet
2019	The Science Museum of Map and Survey welcomed one million visitors

Organization

Director-General

Deputy Director-General

Headquarters (Tsukuba)

General Affairs Dept.

Enforcement of Survey Act, General office work

Planning Dept.

Project planning, R&D planning, International affairs, Guidance and advice for Public Survey, Disaster response

Geodetic Dept.

Control positions of the country, Gravity, Geomagnetism

Geospatial Information Dept.

Management, provision, and local cooperation of geospatial information

National Mapping Dept.

Maintenance and update of maps and aerial photographs in Japan

Geographic Dept.

Maintenance of geospatial information for disaster mitigation and environmental protection

Geodetic Observation Center

Operation of CORS, Monitoring crustal deformation, Tidal observation

Geography and Crustal Dynamics Research Center

Basic research of crustal deformation, space geodesy and geospatial information analysis

Regional Survey Depts.

Hokkaido Regional Survey Dept.

Tohoku Regional Survey Dept.

Kanto Regional Survey Dept.

Hokuriku Regional Survey Dept.

Chubu Regional Survey Dept.

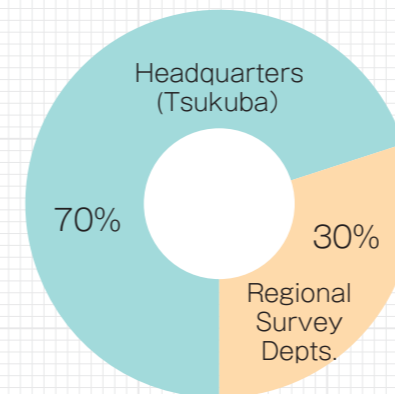
Kinki Regional Survey Dept.

Chugoku Regional Survey Dept.

Shikoku Regional Survey Dept.

Kyushu Regional Survey Dept.

Okinawa Regional Survey Dept.



Number of staff 660

Budget

FY 2020 budget 10,543 million yen

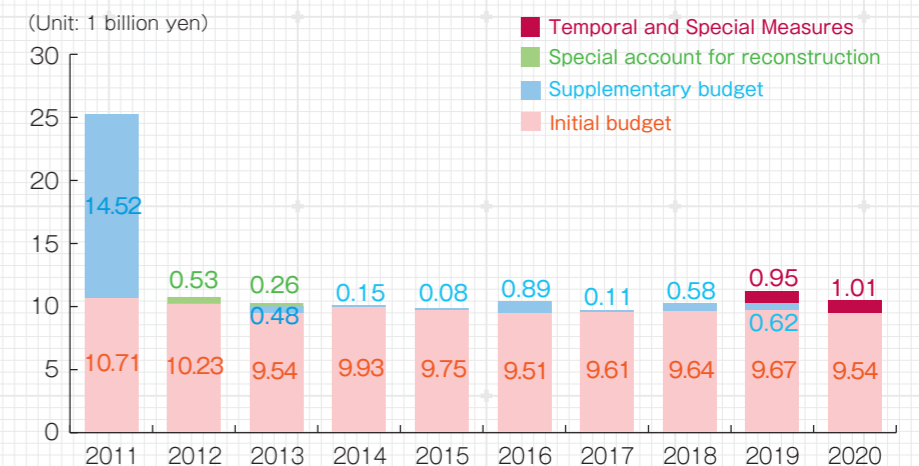
(of These Temporal and Special Measures 1,006 million yen)

FY 2019 supplementary budget

(Emergency measures for estimating flood situations in order to conduct operations of stranded residents rescue and water draining activities quickly and efficiently)

618 million yen

Budget by Fiscal Year (2011-2020)



Totals may not match due to rounding.