

National Statistics Center

Message from the President

Official statistics constitute important information that serves as a basis for rational decisionmaking for the public. The rapid progress and development of information technology has resulted in a vast amount of information overflowing into society. Against such a backdrop, the importance of official statistics produced with due process has been increasing.

In April 2024, the Incorporated Administrative Agency of the National Statistics Center (NSTAC) celebrated its 21st anniversary. Drawing on its long-standing experience and skills in statistics, NSTAC over the years has continued to work with a strong sense of mission to ensure that official statistics are meaningful and credible to the public.

In particular, to secure the reliability of official statistics, it is essential to produce accurate statistics and maintain a system that protects confidentiality. NSTAC not only owns sophisticated statistical data processing technology that is based on its



President SAIKI Shuji

expertise and leverages digital technologies such as the latest Information and Communication Technology (ICT) and Artificial Intelligence (AI) but also implements all possible information security measures.

The missions of NSTAC are organized under three objectives:

"Producing Reliable Statistics (Produce Statistics)":

We tabulate fundamental statistics, such as the Population Census, unemployment rate, and Consumer Price Index (CPI).

"Promoting Utilization of Statistical data (Utilize Statistics)":

We provide various kinds of useful statistical data for researchers and other users through e-Stat and support advanced utilization of statistical data.

"Supporting the Development of Official Statistics (Support Statistics)":

In consideration of the recent environment surrounding official statistics, NSTAC, together with the Statistics Bureau of MIC, is expected to support the entirety of the official statistics of Japan as the central official statistical organization. NSTAC will therefore fulfill its expected role by incorporating the concept of well-being to improve the organizational power and support personal growth of its staff while deepening cooperation with the parties it works with.

Statistical System of Japan and Role of NSTAC

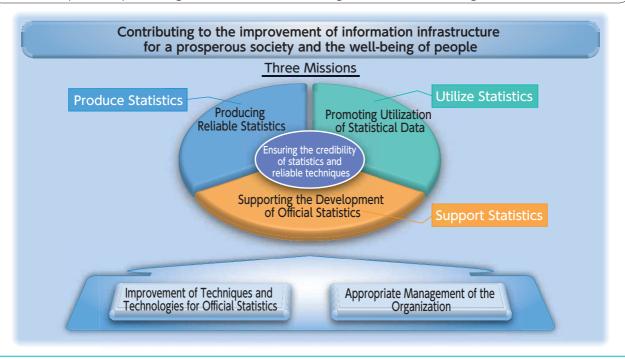
The statistical system of the Japanese government is decentralized, in that, while the Statistics Bureau of the Ministry of Internal Affairs and Communications (MIC) conducts fundamental censuses and statistical surveys, other relevant ministries produce statistics for their own policy purposes.

NSTAC, as an Incorporated Administrative Agency Engaged in Administrative Execution under the jurisdiction of MIC, plays a role in supporting official statistics conducted by the Statistics Bureau of MIC and other ministries.

Statistical System of Japan **Statistics** Director-General for Policy Planning Planning and promotion of basic statistical matters, (Statistical Standards) of the Ministry of examination and coordination of censuses and statistical Commission Internal Affairs and Communications (MIC) surveys, and cross-governmental coordination for statistics Ministries, Local Branch Offices of Central Government Agencies Ministry of Land, frastructure, Transport and Tourism Ministry of Health, Labour and Welfare Ministry of e Environment Office Ministry of Economy Trade and Industry **Statistics** Ministry of Finance Ministry of Justice Prefectures and Municipalities **Bureau of MIC** MC Cabinet Production of fundamenta censuses and statistical surveys Production of statistics needed for ministries Statistical Research and Training Institute **National Statistics Center (NSTAC)** Users (SRTI) of MIC Universities, Academic communities, etc. Provision of statistical Data processing of fundamental official statistics, training International utilization of statistical data, etc.

Management Principle

As a specialized organization that serves as the foundation for the production and provision of official statistics in Japan, NSTAC will contribute to the improvement of information infrastructure to create a more prosperous society and foster the well-being of the people by committing to improving techniques and technologies for official statistics, managing the organization appropriately, and ensuring the credibility of statistics and the reliability of techniques in order to effectively fulfill the three missions of "Producing Reliable Statistics (Produce Statistics)," "Promoting the Utilization of Statistical Data (Utilize Statistics)," and "Supporting the Development of Official Statistics (Support Statistics)" while keeping in mind the enhancement of user convenience. At the same time, NSTAC will seek to become an outstanding organization where all staff members experience personal growth and feel that working at NSTAC is rewarding.



Management Policy

Producing Reliable Statistics (Produce Statistics)

To produce statistics that accurately reflect the changes and trends in socio-economic conditions and contribute to socio-economic development, we at NSTAC use both the tabulation experience and expertise that we have developed over time and our recently added enhanced survey administration capabilities to promptly produce and provide high-quality and reliable statistics while keeping confidentiality strictly protected.

Promoting Utilization of Statistical Data (Utilize Statistics)

Statistical data is the information infrastructure that supports the development of society. We will provide multifaceted statistical data services through the eyes of users and under strict information management in order to meet diverse user needs and contribute to the promotion of the utilization of statistical data.

Supporting the Development of Official Statistics (Support Statistics)

To stably provide a common infrastructure for official statistical services and use, further improve the quality of statistics, and secure statistical reliability, we, as a member of the central statistical organizations of the Japanese government, use our accumulated know-how to support the development of official statistics so that each ministry can carry out their statistics production processes appropriately.

Improvement of Techniques and Technologies for Official Statistics

To fulfill the three missions above, we will improve our techniques and technologies by promoting DX using theory-backed statistical techniques as well as advanced AI technology and information communication technology (ICT), collaborating with academic research institutes, organizations located in various countries around the world, and other international organizations, and engaging in the research and development of high-level statistical technologies that incorporate the latest theories.

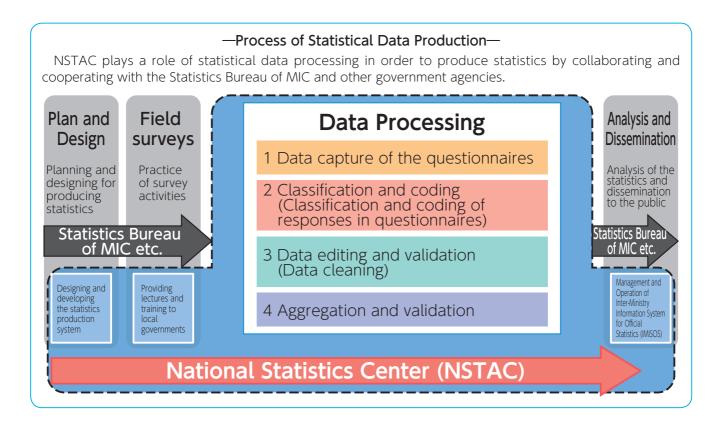
Appropriate Management of the Organization

We will manage our organization appropriately by boldly taking on the challenge of improving the level and efficiency of our work without fearing change, fostering an organizational culture that enhances both corporate value and staff member awareness so that staff members will continue to find their work rewarding and in-line with the strong sense of mission and ethics of the official statistical organization, and giving consideration to work-style diversity.

Producing Reliable Statistics

NSTAC aggregates data collected by statistical surveys based on a designated process.

We produce statistics while attaching great importance to ensuring the reliability of statistics and improving statistical technology to ensure accuracy in order to ensure statistical accuracy, timeliness to provide results in a timely manner, and cost effectiveness to use efficient means and appropriate methods.



Official Statistics of the Statistics Bureau of MIC, the data of which is processed by NSTAC

[Fundamental Official Surveys and Censuses]

Population Census (quinquennial)
Housing and Land Survey (quinquennial)
Survey on Time Use and Leisure Activities (quinquennial)
Survey of Research and Development (annual)
Family Income and Expenditure Survey (monthly)
Labour Force Survey (monthly)

Economic Census for Business Frame (quinquennial)

National Survey of Family Income
and Expenditure (quinquennial)

Annual Business Survey (annual)

Survey of Household Economy (monthly)

Monthly Survey on Service Industries (monthly)

Economic Census for Business Activity (quinquennial)
Employment Status Survey (quinquennial)
Unincorporated Enterprise Survey (annual)
Retail Price Survey (monthly)
Expenditure Monitor Survey for One-person
Households (monthly)

[Compilation of Statistical Information etc.] (Statistics Bureau of MIC)

System of Social and Demographic Statistics [SSDS]
Consumption Trend Indexes [CTI]

Grid Square Statistics
Consumer Price Index [CPI]

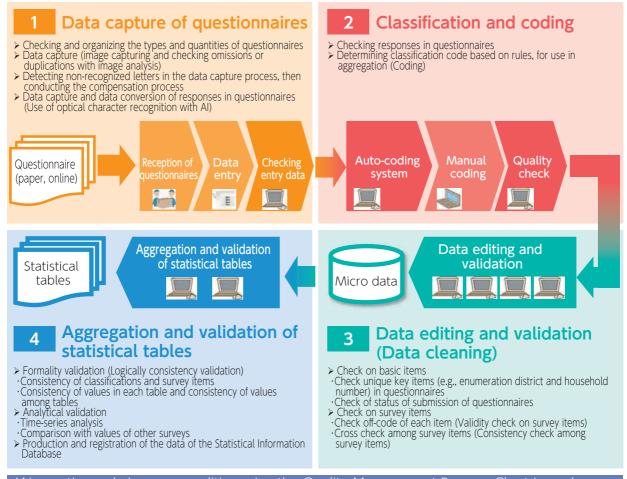
Population Estimates

Annual report on the internal migration in Japan derived from the basic resident registers

Flow of Data Processing

The flow of Data Processing (from data capture of questionnaires (1) to aggregation and validation (4)) is as followings:

Process of "Data Processing" at the National Statistics Center (NSTAC)



We continuously improve qualities using the Quality Management Process Chart in each process to produce statistics.

Main Official Statistics [Population Census]

The Population Census is one of the most fundamental official statistical censuses. It covers all people usually living in Japan and clarifies the state of Japan's population and households. It is mentioned in various laws and regulations that the census results are used for such purposes as revisions to constituencies of the House of Representatives, and calculation and determination of tax amounts allocated to local governments. Furthermore, the results are widely utilized for not only the planning and proceeding of various policies in ministries and local governments but also in the academic, educational, and private sectors, etc.

[Economic Census]

The Economic Census consists of two surveys-the "Economic Census for Business Frame" to identify the basic structure of establishments and enterprises, and the "Economic Census for Business Activity" to identify the situation of economic activities of establishments and enterprises. The Economic Census results clarify comprehensive economic structures consisting of activities of establishments and enterprises, and are used to maintain basic population information for sampling for conducting various statistical surveys of establishments and enterprises.

For information on other official statistics, please see the websites of NSTAC and the Statistics Bureau of MIC.

Planning and Design for Data Processing

In preparing for data processing, NSTAC conducts the overall design and planning of data processing work, including personnel and procurement planning, and private business utilization scope planning, while working closely together with government agencies that perform statistical surveys in implementing process design and quality management, etc. Furthermore, NSTAC develops systems to significantly improve the efficiency of the tabulation process utilizing ICT and AI.

Example of the use of ICT for the Retail Price Survey

In the Retail Price Survey, as most survey items, such as retail prices of consumer goods and service charges, are collected by face-to-face interviews, the enumerators visit the respondents and input the collected information into tablet devices. All the collected information is sent to the Statistics Bureau of MIC. After the data collection, the Statistics Bureau and prefectural governments examine and analyze the collected data by sharing it.

NSTAC produces the statistical tables of the Retail Price Survey after validating and aggregating the data, and calculates the Consumer Price Index.

In this way, the Statistics Bureau, NSTAC, prefectural governments and the enumerators efficiently work in close cooperation for the process to produce statistics, from the implementation of statistical surveys to the processing of statistical data utilizing ICT.

Example of utilizing AI technology in the Population Census and the Family Income, Expenditure Survey

In addition to survey items such as sex and age, coded information obtained by converting textual information provided from respondents to corresponding classifications is also used for producing statistical tables in statistical surveys. For example, in the Population Census and the Family Income and Expenditure Survey, several classifications, such as Industrial Classification, Occupational Classification, and Income and Expenditure Classification, are used for producing statistical tables.

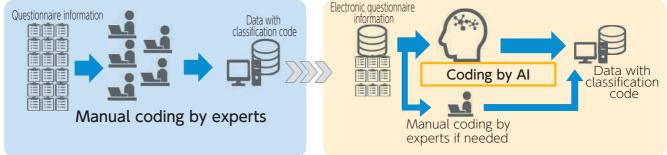
The Industrial Classification is a system for classifying industries, such as agriculture, manufacturing, education, and government. An example is text descriptions provided as answers for "Name of establishment and kind of business (Industry)" in the Population Census, which are assigned corresponding codes of Industrial Classification.

As the textual information provided as answers for open-ended survey items such as "Name of establishment and kind of business (Industry)," "Kind of work (Occupation)," and "Name and type of purchased product" is inadequate for direct use in data processing, it is necessary to convert (or organize) that information to predetermined codes. For example, the industrial classification of "university" is "8161" (Japan Standard Industrial Classification). Although all of these coding tasks were manually performed by experts in NSTAC, developing automated coding systems utilizing AI has made it possible to reduce the work burden on staff.

The use of AI is crucial for efficient data processing for producing statistical tables, especially for surveys requiring the handling of a huge amount of data, including the Population Census, and it contributes to the efficiency of our work.

Manual coding by experts

Coding by using AI technology



Promoting Utilization of Statistical Data

Statistics play an important role as a social information base indispensable for the public and private sectors in making various decisions and for various types of research performed by academic research institutions as well as being used as fundamental information for the determination of policies by the national government and local governments or to evaluate policy effectiveness.

NSTAC implements the following various services useful for utilizing statistical data in order to allow users to easily utilize statistical data.

Enhancement and Advancement of Open Data in Statistics

NSTAC unitarily manages various information regarding official statistics and provides them, in "Portal Site of Official Statistics of Japan (e-Stat)" in order to advance the Open Data project led by the government. Also NSTAC makes efforts supporting the creation of services that produce new added value and creation of innovative projects by arranging advanced methods of providing statistical data, such as the API function, Statistical LOD and jSTAT MAP.

Provision of statistical data on e-Stat

NSTAC operates and manages "Portal Site of Official Statistics of Japan (e-Stat)," which provides various information regarding official statistics through a one-stop service via the internet.

e-Stat has many convenient functions to utilize statistics, such as searching of the statistical data released by respective ministries and providing information regarding statistical classifications and statistical survey items.

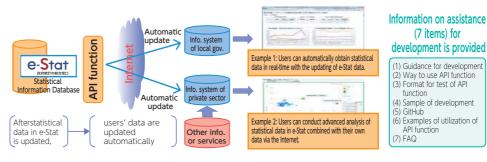
Note that annual statistical tables were accessed roughly 53 million times (FY2023 result).



e-Stat<https://www.e-stat.go.jp/en>

Provision of statistical data using the API functi

By utilizing the API (Application Programming Interface) function of e-Stat, it is possible to use functions to automatically obtain data in accordance with the update of the e-Stat data and to automate analysis processing combining statistical data



recorded in the e-Stat and data held by the user.

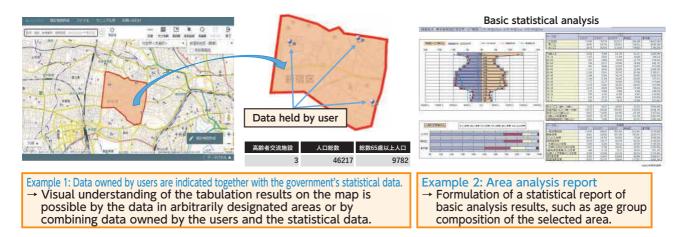
In order to promote statistical data provision using the API function and enable users to obtain data automatically, NSTAC is now making efforts for enhancing advanced statistical data provision methods using the API function, such as moving statistical data stored in e-Stat to a database.

Statistical data provision by LOD

In order to provide more advanced statistical data, NSTAC promotes efforts for providing statistical data through LOD (Linked Open Data) by unifying statistical data elements (e.g. structure, meaning) and enabling data to be linked to each other, which makes it easy to retrieve and obtain data.

Statistical data provision by jSTAT MAP

jSTAT MAP is a geographical information system that is easy for anyone to use. It provides functions enabling users to conduct regional analysis that meets their needs, such as for disaster risk reduction, facility improvement, and market analysis in addition to functions for creating statistical maps.



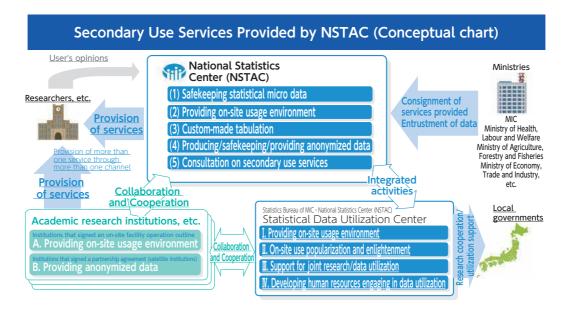
Utilization of Official Statistical Micro Data

NSTAC provides the government's statistical survey results through e-Stat. In addition, it provides service for use of micro data of official statistics in order to contribute to use by academic research for the common good. (The statistical micro data is referred to as individual questionnaire data used for tabulation, such as data of household unit or business entity unit.)

The services for extended use (secondary use) of micro data of official statistics based on the Statistics Act include the provision of statistical micro data through on-site use, custom-made tabulation, production/provision of anonymized data and so on. NSTAC is commissioned by the ministries, etc. to conduct data provision services concerning these secondary uses, and to accumulate/store the statistical micro data and anonymized data, etc. required for the above secondary use services.

Furthermore, NSTAC is making efforts to improve its secondary use services targeting researchers in cooperation with universities and other institutions that agree with the efforts for extended use of official statistics.

For more details on services for utilization of official statistical micro data, please see also the portal site for Utilization of Official Statistical Micro Data (miripo (https://www.e-stat.go.jp/microdata/) (Japanese only))

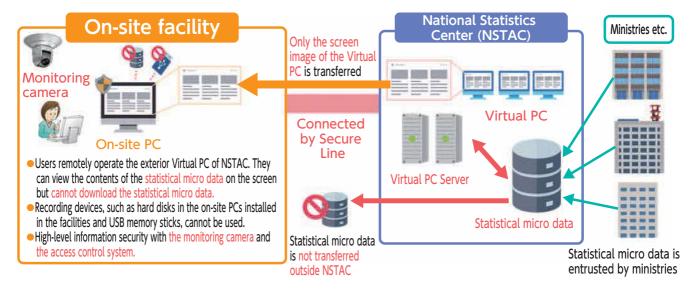


Provision of statistical micro data through on-site use

On-site use refers to using statistical micro data in a facility with high-level information security in terms of entry management and data management. NSTAC provides users who meet the requirements based on the Statistics Act with the on-site micro data service under commission by the ministries, etc., using the statistical micro data of the government statistical surveys.

The on-site facility users can conduct a wide range of research/analysis using the statistical micro data of the government statistical surveys.





Custom-made tabulation

Custom-made tabulation is referred to as conducting tabulation as requested by those who satisfy the requirements based on the Statistics Act using the statistical micro data of the government statistical surveys. NSTAC is commissioned by the ministries, etc. to conduct such tabulation and to provide the results.

The users of the custom-made tabulation service can conduct analyses based on statistics that the administrative organs, etc. do not tabulate.

Storage/provision of anonymized data

"Anonymized data" refers to the data formulated by processing the statistical micro data so that specific individuals or organizations cannot be identified. NSTAC is commissioned by the ministries, etc. to store this anonymized data and to provide it to those who satisfy the use requirements based on the Act.

In addition to producing statistical tables that are not produced by administrative organs, the users of anonymized data can also conduct empirical analyses, such as multivariable analyses.

Management of Statistical Data Utilization Center

As a promotion base of advanced data use, NSTAC and the Statistics Bureau, MIC, established the Statistical Data Utilization Center in Wakayama in April 2018.

In the center, a facility that enables advanced data analysis while ensuring information security (on-site facility) has been built to provide micro data collected by statistical surveys. For the purpose of spreading onsite use nationwide, NSTAC is making efforts to increase data use bases in cooperation with universities and research institutes. As of April 1, 2024, the on-site facility has been installed at 22 sites nationwide, including universities cooperating with NSTAC and administrative organs.

It is expected that the promotion of use of statistical micro data will generate new findings that will lead to the solution of local problems and social/economic development.

Furthermore, for data science skill improvement the center engages in the development of human resources by holding training sessions targeting public employees and seminars targeting business people, etc.

Promotion of utilization of statistical data conducive to data science and EBPM*

Utilization of statistical data at local governments, including support for problem solving utilizing statistical data, and case studies on problem solving through data.

Offering clues for new discoveries through the provision of statistical micro data

Providing an environment for facilitating regional problem solving and development by establishing an environment allowing advanced data analysis while ensuring information security (on-site facility) and providing statistical micro data. **Utilization Center**

Human resources development in relation to statistical data utilization

Base for promotion of advanced data utilization

Statistical Data

From Wakayama to the entire nation; initiatives to contribute to regional revitalization

Implement training sessions targeting public employees and lecture classes targeting business people to

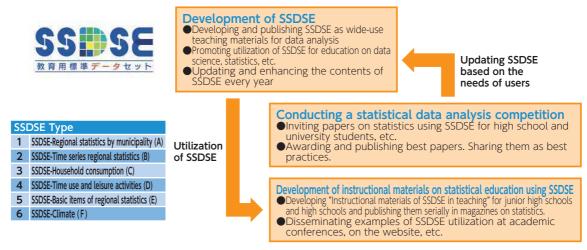
Diffuse the best practices from Wakayama

***EBPM** (Evidence-Based Policy Making)

Improvement of Statistical Literacy

Nowadays, when statistics play such an important role, NSTAC is widely providing, to the public (There are currently six types.), the tabular data set of major governmental official statistics named SSDSE* in consideration of improving the statistical literacy and promoting the use of official statistics. (Downloads: 46,000 in FY2021; 47,000 in FY2022 (August to March); and 150,000 in FY2023)

Furthermore, NSTAC co-hosts the Statistical Data Analysis Competition focusing on ideas for problem solving using analytical skills based on SSDSE, with the Statistics Bureau of MIC and some other organizations related to the official statistics.



**SSDSE (Standardized Statistical Data Set for Education) is a set of statistical data created and published by the National Statistics Center as a general resource for data analysis. It can be downloaded easily and free of charge, allowing immediate utilization for data analysis purposes.

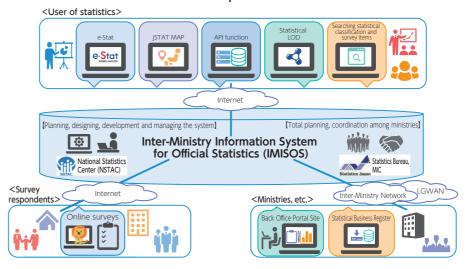
Supporting the Development of Official Statistics

Operation of the Inter-Ministry Information System for Official Statistics (IMISOS)

NSTAC provides services based on the shared basic operation and use of official statistics to the ministries, local governments, people and enterprises. One of the services is "the Inter-Ministry Information System for Official Statistics (IMISOS)."

IMISOS has been established as part of government efforts to initiate the promotion of e-government and allows for the sharing of statistical operations of each ministry or local government through ICT, and is used as an integrated system by such government bodies when creating and providing official statistical

Providing various information regarding official statistics through a one-stop service



The system consists of 16 subsystems regarding official statistics, such as systems for users and respondents, including "Portal Site of Official Statistics of Japan (e-Stat)" (see p.6 for e-Stat) and "Online Survey System," and for the statistical management departments of ministries, including "Statistical Business Register," in which necessary population information of statistical surveys for establishments and enterprises is managed. NSTAC manages its operation.

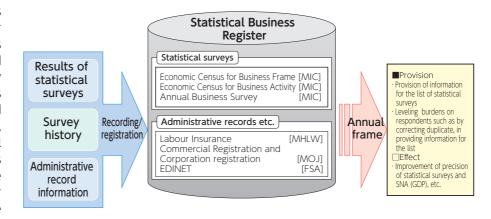
Function of Inter Ministry Information System for Official Statistics (IMISOS)

Online Survey System

The "Online Survey System" enables people to respond to official statistical surveys of ministries using electrical questionnaires through the internet from computers and smartphones.

Statistical Business Register

"Statistical Business Register" is a database which manages population information used for sampling for statistical surveys for establishments and enterprises conducted by ministries. It has such functions as provision of information based on application from ministries, sampling data for statistical surveys conducted by ministries and assistance for reducing the burden on respondents, for example, preventing the same respondent from being selected for many different surveys.



Back Office Portal Site

The Back Office Portal Site is an integrated portal site for ministries and local governments etc., which utilize systems in IMISOS. On the site, the users of these organizations can register statistical data and manage the Online Survey System.

Support for Statistical Surveys under Entrustment

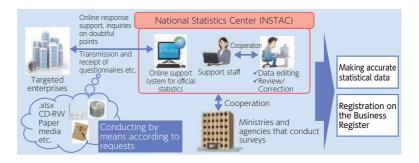
Regarding official statistical surveys conducted by ministries, NSTAC supports official statistics by conducting statistical survey services, such as data processing and survey implementation, under entrustment.

Enterprise survey support project (online response support)

For the purpose of reducing the burden on respondents for statistical surveys, NSTAC has conducted enterprise survey support projects (online response support) from the 2019 Economic Conditions Survey for companies that have a bigger reporting burden and higher influence on statistics.

The staff members at NSTAC are assigned as support staff for enterprises, and they provide statistical data, send and receive questionnaires, receive and answer individual questions regarding surveys, and inquire about doubtful points under a secure environment through "Online Support System for Official Statistics," enabling bidirectional communication when the statistical surveys are conducted.

We can produce accurate data by conducting these support services together with data processing work, and by reflecting the fundamental information known by the support staff, such as reform, abolition, change of name and address of enterprises and establishments in the Statistical Business Register. In this way we improve the accuracy of Statistical surveys and SNA (GDP).



Data processing of statistical survey data under entrustment by ministries, etc.

NSTAC supports data processing for the following statistical surveys.

Survey on Retirement Benefits of National Government Employees (CBPA)

Survey on Working Conditions in Private Enterprises (NPA) Survey on Employment Trends (MHLVV) Survey on Coastwise Vessel Transport (MLIT) Statistics on Building Construction Started (MLIT) Family Income and Expenditure Survey in Tokyo Prefecture (TMG) Survey of Remuneration of National Public Employees (NPA) Survey on Compensation of Local Government Employees (MIC)

Basic Survey on Wage Structure (MHLW) Survey on Seamen's Labour (MLIT) Statistical Survey on Building Destruction (MLIT) Survey of Income and Expenditure, including Civilian Wages by Occupation (NPA) Statistics of Environmental Disputes (MIC) Survey on Passenger Vehicle Transport (MLIT) Statistics on Construction Work (MLIT) Integrated Statistics on Construction Work (MLIT)

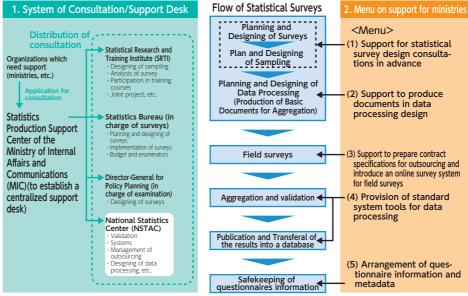
CBPA: Cabinet Bureau of Personnel Affairs, NPA: National Personnel Authority, MIC: Ministry of Internal Affairs and Communications, MHLW: Ministry of Health, Labour and Welfare, MLIT: Ministry of Land, Infrastructure, Transport and Tourism, TMG: Tokyo Metropolitan Government

Technical Support for Ministries etc.

MIC has established consultation desks for ministries and supports the production of statistics by utilizing statistical know-how accumulated over many years concerning the planning, design, and implementation of statistical surveys, the collection

and processing and publication of the results. As an organization with advanced expertise in data processing, NSTAC plays an important role in the support system from a technical perspective by drawing upon its strengths cultivated up to now.

Further, NSTAC will play a cross-governmental role in statistical surveys by ministries, while also providing support to implement online surveys as well as developing and introducing general-purpose tabulation tools that can be utilized at ministries, in order to promote the digitization of the statistical infrastructure.



Source: Report by Statistical Administration Renewal Subcommittee (December 24, 2019)

Improvement of Techniques and Technologies for Official Statistics

Research on Statistical Technology

In order to develop more effective tabulating technology for the efficiency of statistical data processing and to collect and accumulate information on tabulating technology in response to changes in the survey environment and the diversification of the needs of users, we are conducting practicable technology studies focusing on data editing, auto-coding, data utilization and provision method, etc. and diversification of information sources.



Our main practicable technology research includes the following.

NTTS2019, etc.

- Data editing: Research on contents and methodologies of data check and technologies to correct errors detected by data check and to mechanically complement non-response items in questionnaires.
- Support for auto-coding: Research on auto-coding of statistical classification code in questionnaires that utilize natural language processing and Al techniques.
- Data utilization and provision method, etc.: Research on statistical disclosure control which meets the needs of new users, such as secondary use of statistics, and research on production and provision of micro data for general use based on statistical tables.
- Diversification of information sources: Research on methodologies for producing statistics utilizing big data etc.

These research outcomes contribute to the improvement and development of official statistics by putting them into practical use in data processing in NSTAC as well as presenting them in international conferences and academic conferences.

In addition, NSTAC is making efforts in cooperation with academic research institutions in order to improve secondary use of official statistics and to develop academic research. In these efforts, NSTAC is signing partnership agreements with academic research organizations in order to contribute to the improvement and development of Japan's official statistics. For example, NSTAC and these institutions jointly promote research, development, popularization and enlightenment concerning secondary use of official statistics and conduct research on rationalization and increasing the accuracy of official statistical work using Al.

International Cooperation

Official statistics are frequently produced and used globally as well as domestically.

Accordingly, NSTAC makes international cooperative efforts, including sharing knowledge with the United Nations (UN), the Organization for Economic Cooperation and Development (OECD), the International Monetary Fund (IMF), and other international institutions and foreign governments. In addition, NSTAC provides statistical technical cooperation for developing countries and international institutions in response to their requests in order to contribute to the development of international statistical administration around the world.

Furthermore, as a member of the International Statistical Institute (ISI), NSTAC exchanges academic opinions with those

China, South Korea, Vietnam, Mongolia, and United Kingdom

SIAP, etc.

Bilateral cooperation with national statistical agencies

Technical cooperation

Cooperation in training

Participating in international conferences

involved in statistics and forms networks with international participants through opportunities such as research presentations at international conferences.

Cooperation for Japan International Cooperation Agency (JICA)'s technical cooperation programs etc.

Nepal and Egypt

NSTAC cooperates with JICA's technical cooperation programs etc. by giving lectures about statistical data processing and providing facility tours to trainees from the national statistical offices of other countries, in order to contribute to quality improvement of statistical information and statistical capacity building of the staff members in their countries. NSTAC also cooperates in statistical techniques by dispatching statistical experts to these countries.

Cooperation with training by the United Nations Statistical Institute for Asia and the Pacific (SIAP) etc.

As a part of cooperation for training courses by SIAP, on statistical production, statistical analysis, utilization of ICT, etc., NSTAC gives lectures about statistical data processing and provides facility tours to visiting trainees. It also dispatches staff members as lecturers to SIAP.

Appropriate Management of the Organization

Information Security

NSTAC takes every measure to ensure information security. It protects the privacy of individuals who have responded to questionnaires as well as strictly manages the pre-publication statistical data, which may have a strong impact on society and the economy.

Computers that handle survey data are kept disconnected from the internet and any other external networks, even from the Government common network. In addition, other data, such as questionnaires and digitized results, are processed on servers maintained in dedicated facilities equipped with 24-hour surveillance and subject to high security level entry procedures to ensure the safety and security of this information.

NSTAC's daily operations are also subject to comprehensive information control, with e-learning training and self-monitoring related to information security provided on an annual basis for all of the members of NSTAC. This is all part of efforts to maintain and improve the level of members' information security.

· ISMS Certification

NSTAC has the required JIS Q 27001 (ISO/IEC27001) Information Security Management System (ISMS) certification. (Initial certification registration date: October 16, 2007)

NSTAC will continue to create accurate and reliable statistical data and provide it in a timely and proper manner by continually improving the operation of our Information Security Management System (ISMS).

*ISMS: Information Security Management System. This indicates an organization or institution having a system that allocates resources, has established a plan, and has defined a security level above that requires risk assessment by organizational management in addition to technical measures for dealing with individual problems. A certification registration entity accredited to have the ability and impartiality to inspect and register an organization, carries out inspections and certifications making sure that the information security management level of the organization conforms with JIS Q 27001 (ISO/IEC27001)

*The scope of certification registration:

Management of data processing, data processing work, support for commissioned statistical surveys, development and operation of an information system, operation of a statistical data archive, operation of IMISOS, technical surveys and research, operation of the Statistical Data Utilization Center.

Personnel Development

NSTAC has formulated a "talent acquisition and development policy" that outlines the fundamental perspectives and measures regarding the acquiring and development of personnel, as well as models for nurturing independent growth among staff members. We carry out training programs tailored to different hierarchical levels, self-development training, and job-specific training to ensure that staff members can effectively acquire the skills required of them.

Also NSTAC encourages personnel development actively utilizing external training, such as workshops and seminars provided by ministries and agencies, including the Statistical Research and Training Institute (SRTI) of MIC, to improve expertise of the staff.



Training for self-development

- \cdot On-the-job training, document creation skills and presentation training \cdot Assertion training, facilitation training, etc.

Training for new programmers, training courses on statistical surveys.
Classification coding training, business accounting training, etc.

External training conducted by other organizations

[Statistical Research and Training Institute (SRTI) of the Ministry of Internal Affairs and Communications (MIC)]

As the only statistical staff training institution in Japan, SRTI provides a wide variety of training for national and local government staff and official staff with the aim of improving statistical literacy and so on.

- Training courses according to statistical working level: "Start to learn statistics," "Introduction for statisticians," "Comprehensive course providing extensive and comprehensive knowledge, theories and analytical skills in statistics," "Basic knowledge for using statistics," "Basic knowledge for designing surveys," "Basics knowledge for statistical analysis," and so on.
- · Thematic courses: Data utilization course, Practical course for producing statistics, Population and economic statistics course, Regional analysis course, Statistical micro data course, and so on

Digital Agency conducts training courses designed to collectively and efficiently develop the government digital human resources and advanced digital talent and to improve information literacy in the government.

Information literacy in the government.

Information security operation, system management and maintenance, IT procurement and order management, information literacy, and so on.

[National Personnel Authority]

Training for career advancement for female staff in the Kanto Region, training course for enhancement of skills for evaluation and personnel development, and so on.

Overview of the Organization

■ Date of Establishment: April 1, 2003

■ Legal Basis for Establishment: Act on General Rules for Incorporated Administrative Agencies

Act on the National Statistics Center, Incorporated Administrative Agency

■ **Objectives:** To perform data processing for various statistical surveys and research on statistical

technology integrally.

To ensure the reliability of statistics and contribute to the improvement of statistical

technology.

■ Minister in charge: Minister for Internal Affairs and Communications

■ Number of staff: 640 (as of January 1, 2024)

1. To perform data processing for Population Census.

2. To conduct and perform data processing for the census and statistical surveys under entrustment from national government administrative organs and local governments.

3. To accumulate and process necessary information for producing and using statistics.

4. To research technologies necessary for affairs concerning 1 - 3 above.

5. To provide questionnaire information using on-site facilities, data of custom-made tabulation and anonymized data under entrustment from national government administrative organs and incorporated administrative agencies based on the Statistics Act.

6. To conduct activities concerning each affair mentioned above.

History

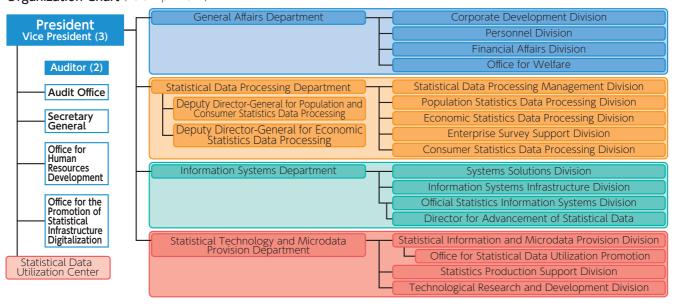
■ Scope of Business:

Date	Items
	Statistics Division within the Meiji Government's Main Office (predecessor organization of the Statistics Bureau of the Cabinet Office)
1885	Statistics Bureau of the Cabinet Office
1949	Statistics Compilation Department of the Prime Minister's Office
2001	Statistics Center of the Ministry of Internal Affairs and Communications (Facilities)
2003	Inauguration of the National Statistics Center
2015	A part of the Statistics Act and the Act on the National Statistics Center, Incorporated Administrative Agency* is revised.

***Incorporated Administrative Agency:**

NSTAC, as an Incorporated Administrative Agency, implements businesses or projects closely related to government administrative affairs based on the plan and objective for each of the fiscal years. The officials of NSTAC are selected by the national civil service examination, and hold the status of a national public officer. For this reason, the officials of NSTAC, like those of government organizations, shall be obliged to maintain confidentiality in their work.

Organization Chart (As of April 2024)

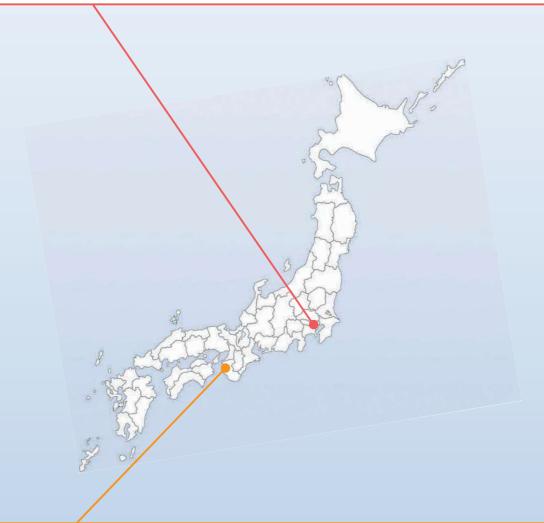


Location

Ministry of Internal Affairs and Communications Bldg. 2 19-1 Wakamatsu-cho, Shinjuku-ku, Tokyo 162-8668

TEL: +81-3-5273-1200 E-mail: nstac-info@nstac.go.jp https://www.nstac.go.jp/en/





[Statistical Data Utilization Center]



Nankai Wakayama-shi Station Building, 5th Floor 3-17 Higashi kuramae-cho, Wakayama-shi, Wakayama 640-8203 TEL: +81-73-425-0205

E-mail: data-rikatsuyou@nstac.go.jp

https://www.stat.go.jp/rikatsuyou/ (Japanese Only)