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Session 7: New Developments in Japan's Statistical System

A Centralized Statistical Information System in the Decentralized Statistics System

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Outline

- 1 Background
- 2 Optimization Plan
- 3 Inter-Ministry Information System for Official Statistics (IMISOS)
- 4 Portal Site of Official Statistics (e-Stat)
- 5 Challenges
- 6 Concluding Remarks

1-1 Background

Environment in statistical work in Japan

- Situation:
 - Each ministry conducts its statistical work within the decentralized system of Japanese official statistics.
- Issues:
 - Duplication of the developments and operations of information systems and the related work among the ministries.
- Solution:
 - Reviewing and integrating the systems and the work of the respective ministries.
- Lead to:
 - Reduced costs, simplified and rationalized work, and improved public services.

1-2 Background

“Program for Building e-Government” was decided by the CIO* Council in 2003

- The program aims at:
 - providing the public with user-oriented government services;
 - realizing a simplified and cost-effective government.

- The program indicates:
 - All business processes and systems of the government should be systematically sorted out and grouped by similarity of functions across ministries.

*CIO (Chief Information Officer) Council is an assembly of Director-Generals of the Secretariat of all the ministries.

2-1 Optimization Plan

“Optimization Plan of Business Processes and Systems”

· In response to the “Program for Building e-Government”,

this plan was adopted by the CIO Council in 2006:

- to centralize systems managed by the respective ministries;
- to restructure official work thoroughly.

2-2 Optimization Plan on Official Statistics

"Optimization Plan of Business Processes and Systems of Official Statistics"

- This plan is:
 - a part of the "Optimization Plan of Business Processes and Systems";
 - playing a leading role for all the action plans.
- This plan was:
 - drafted by the Statistics Bureau with collaboration of the ministries;
 - decided by the CIO Council in 2006.
- This plan aims at:
 - saving public statistical expenditure and work (expecting yearly reductions of 1.7 billion yen, 300 thousand man-days, in total);
 - improving public statistical services;
 - centralizing the statistical information systems which were maintained by the respective ministries.

2-3 Optimization Plan on Official Statistics

"Optimization Plan of Business Processes and Systems of Official Statistics", Cont.

· Main points of the plan are:

- integration of statistical information systems of the ministries;
- development of the common statistical frame for business surveys;
- promotion of on-line surveys;
- provision of a one-stop service for use of statistics;
- efficiency and simplification of statistical work.



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

3-1 Inter-Ministry Information System for Official Statistics (IMISOS)

What is the IMISOS ?

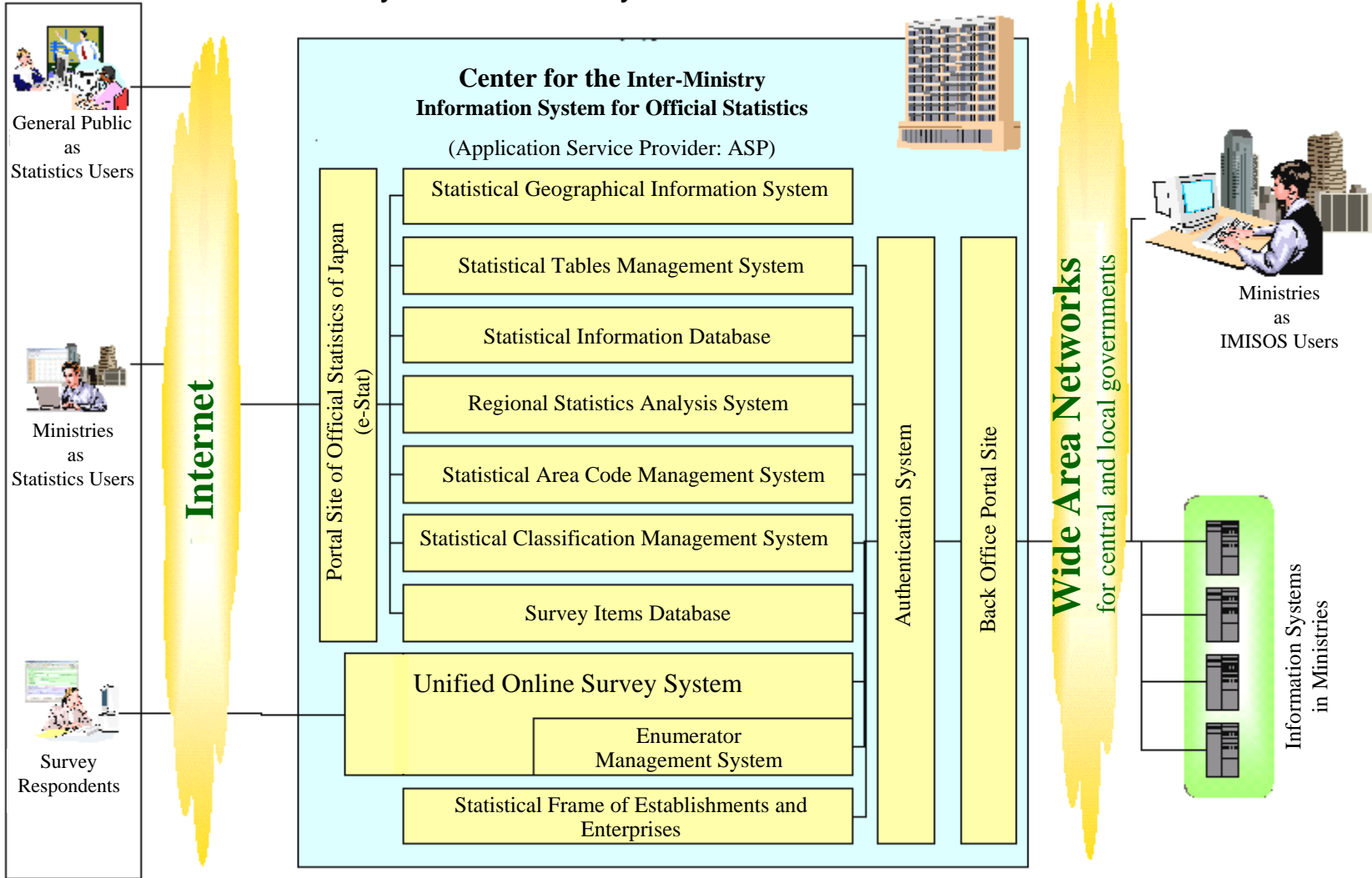
- A vehicle to implement the optimization plan on statistics
- A unified statistical information system of all ministries
- Designed and developed by the Statistics Bureau (2006 - 2007)
- Launched in April 2008, and managed by the National Statistics Center in consultation with the ministries

Major services by the IMISOS:

- A one-stop service for disseminating statistical information of all ministries
- Unified on-line survey system
- Management and sampling of population information for the surveys on establishments and enterprises

3-2 IMISOS

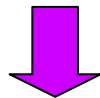
Inter-Ministry Information System for Official Statistics



4-1 Portal Site of Official Statistics (e-Stat)

What is the Portal Site of Official Statistics (e-Stat) ?

- The e-Stat is a portal site which systematically connects the IMISOS and the statistics-related websites of the ministries to realize a one-stop service for statistical information.
 - It collects information from statistical departments of all the ministries.
 - It enables the public to access government statistical information in real-time on one website.
 - It has various useful functions for users.



Users can obtain their desired statistical information whenever they need, without regard to which ministry is responsible for the statistics.

4-2 Portal Site of Official Statistics (e-Stat)

e-Stat Portal Site of Official Statistics of Japan

Site Map Contact Us Help

Your primary source for Japanese official statistics

Information from Ministries Registration Login Quick poll Japanese

Search for statistics ?

Enter Keyword
Select Theme: All
Select Ministry: All
Search Now Advanced Search

EasyAccess to main statistics ?

- Japan in Figures and Graphs
- Main Economic and Financial Statistics (IMF SDDS Site)
- Statistical Compendia
- Regional Statistics(Japanese only)
- Thematic Map(Japanese only)

Learn metadata ?

- Statistical Classifications (Industry, Occupation, etc)(Japanese only)
- Statistical Area Code(Japanese only)
- Survey Item Database(Japanese only)

Understand statistical system ?

- Statistical System in Japan
- Guide to Official Statistics in Japan
- Statistics Commission(Japanese only)

Study statistics ?

- Study Statistics(Japanese only)
- Statistical Library Online Catalog(Japanese only)

Further resources ?

Search Statistics Websites of Ministries
Search Now Advanced Search

- Related Links

NEW What's New More

Sep. 12 Cabinet Office
[Quarterly Estimates of GDP\(Latest Data The Second Preliminary\) Quarterly-Apr.-Jun. 2008](#) Outlines

Sep. 9 "Ministry of Land Infrastructure and Transport"
[Current Survey on Orders Received for Construction\(Complete report Value of Contracts: by Orders\) Mo ...](#) Outlines

Schedule of Release More

4-3 Portal Site of Official Statistics (e-Stat)

Services by the e-Stat

- Search for statistics
 - Viewing and downloading data
- Easy access to main statistics (looking through figures and graphs)
 - Japan in figures and graphs
 - Regional Statistics
 - Thematic map (fusion of geographical information and statistical information)
- Learn metadata
 - Providing information such as statistical classifications, statistical items, and names and codes of municipalities
- Others
 - Explaining statistical system of Japan, latest survey results, etc.

4-4 Portal Site of Official Statistics (e-Stat)

Case1: Search for Statistics

The screenshot shows the e-Stat website interface. At the top, there is a navigation bar with the e-Stat logo and the text 'Portal Site of Official Statistics of Japan'. To the right of the logo are links for Home, Site Map, Contact Us, and Help. Below the navigation bar is a search result banner with the text 'Search result' and 'Search result' in a blue box. Underneath, there are two tabs: 'Statistical Tables' (selected) and 'Database'. To the right of these tabs is a brief description: 'Statistical Tables : Retrieve Microsoft Excel, CSV or Adobe PDF files stored in e-Stat' and 'Database : Extract data and build tables and graphs'. Below the tabs is a search box containing the text '2005 Population Census'. To the right of the search box are three buttons: 'Search', 'Reset', and 'Advanced Search'. Below the search box is a breadcrumb trail: 'Search result top page > Population Census > 2005 Population Census > Sex, Age and Marital Status of Population, Structure and Housing Conditions of Households > Japan > statistical tables presented in the report'. Below the breadcrumb trail is a blue bar with the text 'View results: Total 50 data, Current list 1 - 50' and 'in hierachy | in list format' and 'Top | Previous | Next | Last'. Below the blue bar is a table with the following columns: 'Table No', 'Table title', 'as of', 'Statistical table files' (with sub-columns for 'Excel', 'CSV', and 'PDF'), and 'Database'. The table contains three rows of data, each with a 'Source' button. The first row is '1 Population, Population Change (2000-2005), Area and Population Density- Japan*, All Shi*, All Gun*, Prefectures and 15 Major Cities 2005 Excel Source'. The second row is '2 Population by Sex and Households by Type of Household (2 Groups) - Japan*, All Shi*, All Gun*, Prefectures, All Shi and All Gun 2005 Excel Source'. The third row is '3 Population (Total and Japanese Population), by Age (Single Years) and Sex, Percentage by age, Average Age and Median Age- Japan*, All Shi*, All Gun*, Prefectures and 15 Major Cities Source'. Below the table, there are four sub-rows for 'Total', 'Japanese', 'DIDs:Total', and 'DIDs:Japanese', each with a date of '2005' and an 'Excel' button. At the bottom of the page, there is a status bar with the text 'ページが表示されました' and 'インターネット'.

Search result

Search result

Statistical Tables Database

Statistical Tables : Retrieve Microsoft Excel, CSV or Adobe PDF files stored in e-Stat
Database : Extract data and build tables and graphs

Keywords

2005 Population Census

Search Reset Advanced Search

Search result top page > Population Census > 2005 Population Census > Sex, Age and Marital Status of Population, Structure and Housing Conditions of Households > Japan > statistical tables presented in the report

View results: Total 50 data, Current list 1 - 50
in hierachy | in list format Top | Previous | Next | Last

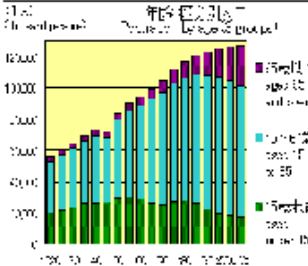
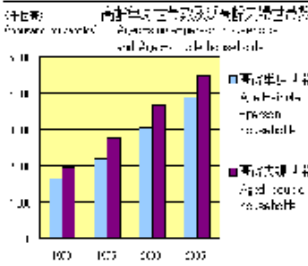
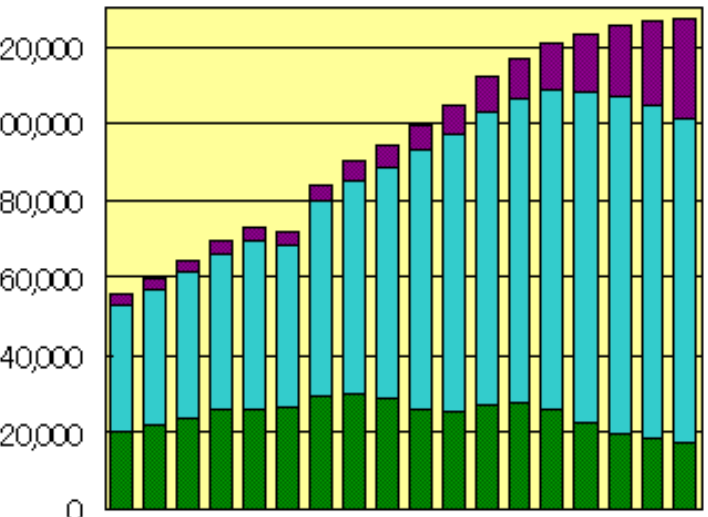
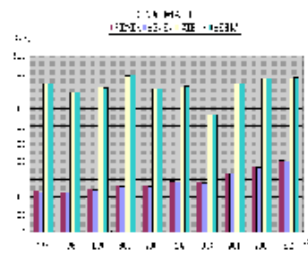
Table No	Table title	as of	Statistical table files			Database
			Excel	CSV	PDF	
1	Population, Population Change (2000-2005), Area and Population Density- Japan*, All Shi*, All Gun*, Prefectures and 15 Major Cities	2005	Excel			Source
2	Population by Sex and Households by Type of Household (2 Groups) - Japan*, All Shi*, All Gun*, Prefectures, All Shi and All Gun	2005	Excel			Source
3	Population (Total and Japanese Population), by Age (Single Years) and Sex, Percentage by age, Average Age and Median Age- Japan*, All Shi*, All Gun*, Prefectures and 15 Major Cities					Source
	Total	2005	Excel			
	Japanese	2005	Excel			
	DIDs:Total	2005	Excel			
	DIDs:Japanese	2005	Excel			

ページが表示されました

インターネット

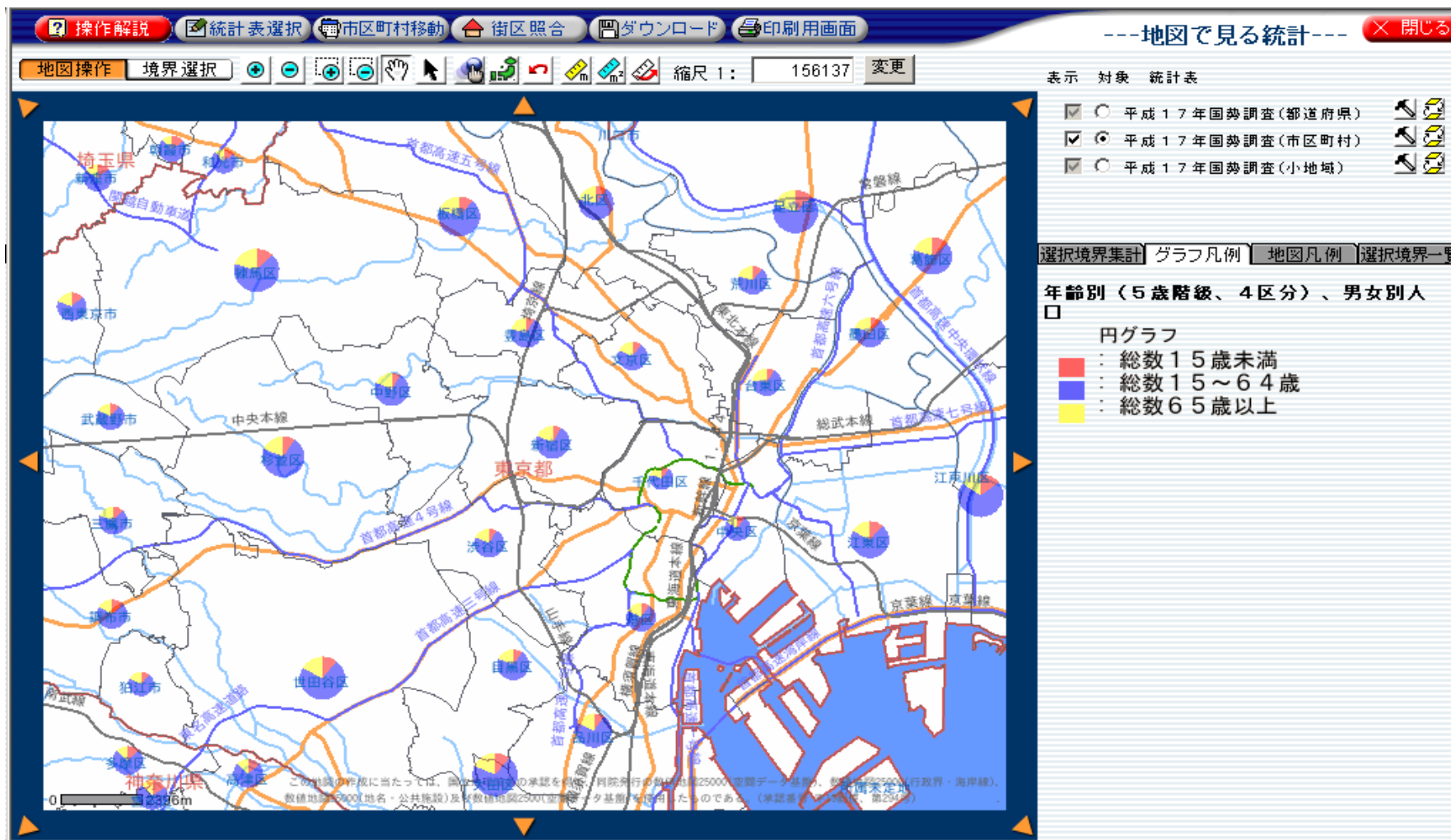
4-5 Portal Site of Official Statistics (e-Stat)

Case2: Japan in Figures and Graphs

	<p>Population aged under 15 years old</p> <p>Population aged 15 to 64 years old</p> <p>Population aged 65 years old and over</p>	<p>Oct. 1, 2000</p> <p>18,472,499</p> <p>86,219,631</p> <p>22,005,152</p>	<p>Oct. 1, 2005</p> <p>17,521,234</p> <p>84,092,414</p> <p>25,672,005</p>	<p>Unit</p> <p>Persons</p> <p>Persons</p> <p>Persons</p>	<p>Population Census</p> <p>Observing the distribution of the population of Japan as of 2000 by age (3 groups)</p> <p>Contact To: Statistics Bureau</p>	<p>Details</p>
	<p>Aged-single-persons</p>	<p>Oct. 1, 2000</p> <p>3,032,140</p>	<div data-bbox="1048 790 1960 1445"> <p>(千人) (thousand persons)</p> <p>年齢3区分別人口 Population by age (3 groups)</p>  <ul style="list-style-type: none"> ■ 65歳以上 aged 65 and over ■ 15～64歳 aged 15 to 65 ■ 15歳未満 aged under 15 <p>1920 '30 '40 '50 '60 '70 '80 '90 2000 '05</p> </div>			
	<p>Foreign nationals entering Japan</p> <p>Foreign nationals leaving Japan</p> <p>Japanese nationals returning Japan</p> <p>Japanese nationals leaving Japan</p>	<p>2005</p> <p>745</p> <p>736</p> <p>1,733</p> <p>1,740</p>				

4-6 Portal Site of Official Statistics (e-Stat)

Case3: Thematic Map (Statistics GIS)



5 Challenges

For further progress of the current IMISOS

- Promoting the utilization of the current IMISOS
 - Enhanced publicities for potential users
 - Increasing the contents of the IMISOS

As the next step

- Considering the direction of the next-generation IMISOS
 - New services to be provided
 - Evolution to more user-friendly system

6 Concluding Remarks

- The Statistics Bureau is successfully driving the optimization plan on statistics with good cooperation of all other ministries.
- The IMISOS is a unified system of official statistics of all the ministries.
- The e-Stat in the IMISOS provides the public with statistical information without regard to which ministry is responsible for the information.
- Keys to success:
 - Setting goals and visions of the plan as concrete as possible to obtain consensus among the ministries
 - Leadership of the Statistics Bureau and cooperation of all other ministries to implement the plan
 - Efficient system management by the National Statistics Center with know-how of statistical information systems

Thank you



<http://e-stat.go.jp>