

The 12th East Asian Statistical Conference (13-15 November, 2008)
Topic 4: New Developments in Japan's Statistical System

Toward the Business Frame in Japan

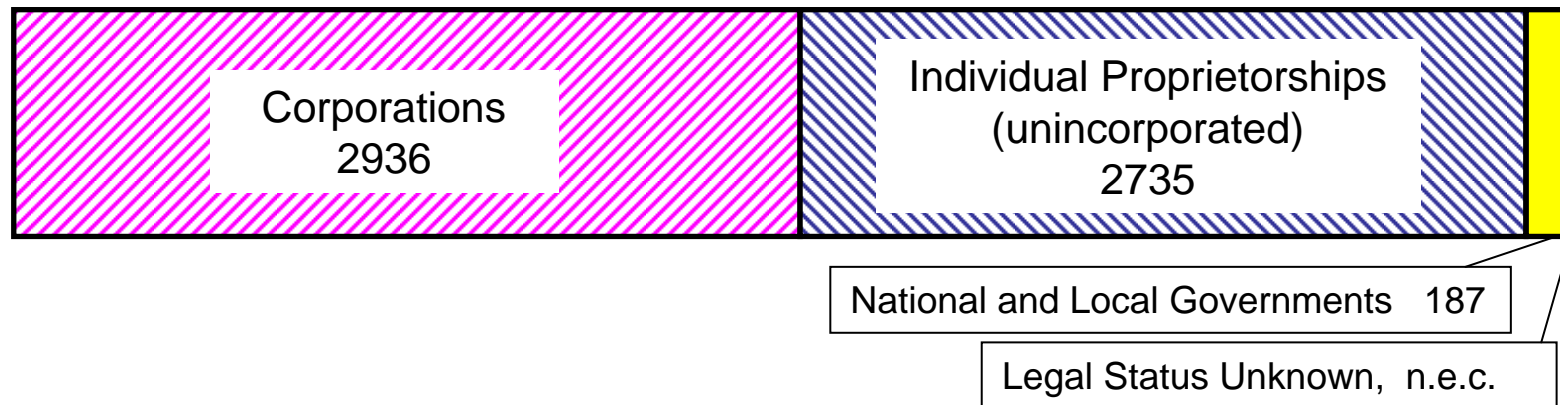
Seiji Takata

Deputy Division Director,
Economic Structure Statistics Division,
Statistics Bureau of Japan

0. Preliminary : Establishments and Enterprises in Japan

- There are about 6 million establishments in Japan

Total : 6092 thousand



- 1358 thousand are newly-organized,
1744 thousand are abolished between 2001 and 2006
- There are 1516 thousand corporations.

(Data source : 2006 Establishments and Enterprises Census)

1. Brief History of the Business Frame in Japan

Pre-Database Era (~ 1998)

Establishment Census (1947 ~ 1994, Statistics Bureau)

Results of the Census was used as a statistical frame for various establishment surveys

Database Era (1998 ~)

-1 Establishment and Enterprise Information Database
(1998 ~ 2002)

· Data source: Establishment and Enterprise Census
(=Extension of Establishment Census, 1996 ~)

· User: Statistics Bureau, Statistics Center

1. Brief History of the Business Frame in Japan

-2 Statistical Frame of Establishment and Enterprise(SFE) (2002 ~ 2008)

- Purpose

- to provide population information for various surveys
(*not* limited to Statistics Bureau)

- to avoid excess burden for establishments
(not to select the same establishment too many times
as a survey sample)

- Data source: Establishment and Enterprise Census

- User: central government

(not limited to Statistics Bureau and Statistics Center)

2. The new Establishment Database

(1) Weak Points of SFE

- Timeliness

 - Est. Census conducted at intervals of 2 or 3 years
new-organization/abolishment of establishments
not reflected until the next Census

- Coverage

 - Est. Census: Enumerator visits the enumeration district
and finds establishments
establishments *with no billboards* may be missing!

2. The new Establishment Database

(2) New Statistics Law

- fully enforced in April 2009
- The Law prescribes :
 - Ministry of Internal Affairs and Communications (MIC) should maintain the Establishment Database, to be used as a sampling frame and as a data source to compile data.
 - Government agency can ask another agency to provide administrative data for statistical purposes.

2. The new Establishment Database

(3) Creation of the new database

“Establishment and Enterprise Database”(2008 ~)

- Data source: Establishment and Enterprise Census
Census of Commerce
Census of Manufactures
Financial Statements Statistics of Corporations
Corporate Legal Register
(see the next page)
- User: central/local government, public agencies

(3) Creation of the new database (*cont'd*)

Good Points / Weak Points of Corporate Legal Register Data

cover all incorporated entities

available at monthly base continuous updating!

inactive entities may be included
check by Census needed

information of industry classification *not* included.
supplement by Census or mail survey needed.

do not cover unincorporated entities
other administrative data? (ex. social security data)

(3) Creation of the new database (*cont'd*)

- Items included in the Database

- Establishment: code number of the establishment,
name, address, phone number,
number of employees (full-time, part-time),
type of office (single-unit, head or branch office),
type of legal organization, type of business,
history of survey for national statistics,
code number at the last census
- Enterprise: name, address, phone number,
number of employees (full-time),
type of legal organization,
type of business,
history of survey for national statistics,
capital amount

3. Future Plan

(1) Utilization of the results of the Economic Census 2009 Economic Census

Database will be fully revised in 2010.

Points of Improvement

- Coverage of the Database
- Accuracy of the relation between head office and branch offices

3. Future Plan (*cont'd*)

(3) Utilization of administrative data

- tax data
- social security data
 - covers unincorporated entities*
- patent data

Problems:

- Cooperation of other ministries needed
(No concrete plans have not yet been settled.)
- Tax law provides the duty to protect privileged information

need public understanding!
then, revise the tax law, etc.

3. Future Plan (*cont'd*)

(4) Creation of New Statistics

- combine various data included in the Database
create new statistics!

ex. Survey of R&D and patent data

inputs/outputs of R&D

Trade Statistics and Accounting Items

import/export activity and other characteristics
of the company

