Outline of the Census of Manufactures

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Research and Statistics Department
Economic and Industrial Policy Bureau
Ministry of Economy, Trade and Industry
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Purposes

Manufacturing industry establishments in Japan are surveyed for the purpose of clarifying the current conditions of the manufacturing industry in Japan, such as the number of establishments and employees and shipments of manufactured goods, and for obtaining basic data for manufacturing industry policies.

Tabulated by: Industrial sector, size, and prefecture (municipality), etc.

Legal Basis

Designated Statistical Survey No. 10 based on the Statistics Law
Regulations for Census of Manufacture
History of the Census

• **1909**  Census commenced (establishments with five or more employees, every five years);

• **1920**  - Conducted annually;

• **1939**  - Conducted on all establishments;

• **1981**  - Conducted on all establishments in years ending with 0, 3, 5, or 8 of the Western calendar year, while in other years it is conducted only on establishments with four or more employees (except establishments in selected industries)
History of the Census (continued)

- **1987** Survey on Business Diversification conducted (Transferred to the Basic Survey of Business Structure and Activities in 1992);
- **2001** Treatment of the consumption tax modified;
- **2002** Survey on establishments in selected industries with three or less employees in years ending with 1, 2, 4, 6, 7, or 9 of the Western calendar year discontinued
Outline of the Census

(1) Scope of the Census
   Establishments classified into “Division F – Manufacturing” of the Japan Standard Industrial Classification

(2) Types of questionnaires
   - Form A: for establishments with 30 or more employees
   - Form B: for establishments with 29 or less employees

(3) Date of the Census
   As of December 31, annually
(4) Items surveyed

<table>
<thead>
<tr>
<th>No.</th>
<th>Items surveyed</th>
<th>Form B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name and location of establishment</td>
<td>1. Same as Form A</td>
</tr>
<tr>
<td>2</td>
<td>Name and location of head office</td>
<td>2. Same as Form A</td>
</tr>
<tr>
<td>3</td>
<td>Existence of other establishments</td>
<td>3. Same as Form A</td>
</tr>
<tr>
<td>4</td>
<td>Legal status</td>
<td>4. Same as Form A</td>
</tr>
<tr>
<td>5</td>
<td>Amount of paid-up capital or investment</td>
<td>5. Same as Form A</td>
</tr>
<tr>
<td>6</td>
<td>Number of employees</td>
<td>6. Same as Form A</td>
</tr>
<tr>
<td>7</td>
<td>Total number of regular workers as of the end of every month</td>
<td>-</td>
</tr>
<tr>
<td>8</td>
<td>Value of total cash wages and salaries</td>
<td>7. Total value only</td>
</tr>
<tr>
<td>9</td>
<td>Value of raw materials, fuels, and electricity consumed and subcontracting</td>
<td>8. Total value only</td>
</tr>
<tr>
<td></td>
<td>expenses for consigned production</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Value of tangible fixed assets</td>
<td>14. Surveyed only in years ending with 0 or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(i) Only establishments with 10 or more</td>
</tr>
<tr>
<td></td>
<td></td>
<td>employees;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(ii) No breakdowns of value of acquisition;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(iii) No changes in construction in progress entered</td>
</tr>
<tr>
<td>No.</td>
<td>Items surveyed</td>
<td>Form B</td>
</tr>
<tr>
<td>-----</td>
<td>--------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>11.</td>
<td>Value of lease contracts and value of lease payments</td>
<td></td>
</tr>
<tr>
<td>12.</td>
<td>Value of manufactured goods inventory, value of semi-manufactured goods and work in progress, and value of raw materials and fuel inventory</td>
<td>15. Surveyed only in years ending with 0 or 5:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(i) Only establishments with 10 or more employees;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(ii) No value of raw materials and fuel inventory entered</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.</td>
<td>Value of manufactured goods shipment by commodity, processing fees received, and repair charges received, and value of manufactured goods inventory by commodity</td>
<td>9. No value of inventory entered</td>
</tr>
<tr>
<td>15.</td>
<td>Internal tax on consumption (excluding consumption tax)</td>
<td>11. Same as Form A</td>
</tr>
<tr>
<td>16.</td>
<td>Proportion of value of direct export to value of manufactured goods shipment</td>
<td>12. Same as Form A</td>
</tr>
<tr>
<td>18.</td>
<td>Working processes</td>
<td></td>
</tr>
<tr>
<td>19.</td>
<td>Industrial site and water</td>
<td></td>
</tr>
</tbody>
</table>
(5) Flow of surveys

Prefectures (47)

Data input

Supervisors

Municipalities (1,958)
As of April 2008

Enumerators

Distribution and collection

Establishments (2006 Census)

Form A (30 or more employees):

46,366 (17.9%)

Form B (29 or less employees):

212,177 (82.1%)

Total: 258,543
トレンド分析 マニュファクチャリングの就業機関数

総数 1,500

1000未満 590
1000以上 910

情報システム厚生  ❍ グラフ差し替え
情報システム厚生課

スライド Ⅱ

2008/09/26
(6) Method of surveys

- Self-entry method by enumerators

(i) Preparations before surveys:

- Explanatory meeting for prefectures (held by METI);
- Explanatory meetings for municipalities (held by prefectures);
- Appointment of Census of Manufacturing Supervisors and Enumerators (by prefectural governors);
- Explanatory meetings for Census of Manufacturing Enumerators (held by municipalities)
(6) Method of surveys (continued)

(ii) Implementation of surveys:

- Preparatory survey:
  - to determine the establishments to be surveyed;

- Actual survey
  - Delivery of questionnaires and guidance for filling-in;
  - Collection of questionnaires and reminders;
  - Examination of questionnaires, etc.
Tabulation and publication of the results of the Census

(1) Preliminary Report for the Census of Manufactures

(i) Establishments tabulated:
those with four or more employees;

(ii) Items tabulated:
number of establishments and employees, value of total cash wages and salaries, that of raw materials used, that of manufactured goods shipment, amount of value added, etc;

(ii) Tabulation unit:
by first two-digits of the Industrial Classification, size of employees, and prefecture;

(iv) Date of publication:
nine months after the implementation of the survey
Tabulation and publication of the results of the Census (continued)

(2) Census of Manufactures (revised report)

(i) Items tabulated:
all items surveyed, such as the number of establishments and employees, value of total cash wages and salaries, that of raw materials used, that of manufactured goods shipment;

(ii) Tabulated tables:

(iii) Date of publication:
12 months after the implementation of surveys;

(iv) Manufacturing industries in Japan:
produced in years of complete enumerations
Use of the results of the Census

(1) Basic data for policy-making by national and prefectural governments

Basic data for:

(i) Policies for industrial development, small and medium enterprises, environmental protection and industrial location, water resources, etc.;
(ii) Making of comprehensive development plans, community development plans, urban plans, etc;
(iii) Planning of industrial sites and water; etc.

(2) Basic data for producing second-order statistics

Data for:
- National and regional input-output tables
- National income statistics (GDP statistics)
- Prefectural income statistics
- Calculation of weights for indices of industrial production
- White Paper on Small and Medium Enterprises; etc.
Use of the results of the Census (continued)

(3) Use by businesses and universities

(i) Businesses:
    data for analysis of trends of industries related, forecast of
demand, plans of capital investment;

(ii) Universities and academic societies:
    data for scientific research by academic societies and
    educational materials for primary, junior-high, and high
    schools

(4) Others

(i) Populations for, among others, sample designing for surveys
    and research;

(ii) Data contributed to the Statistical Office of the United
    Nations, and the Organisation for Economic Co-operation
    and Development (OECD)
Thank you for listening