Turnover for Railway Transport in Japan

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Hiroaki NAGAFUJI
Economic Statistics Division
Statistics Bureau of Japan
Contents

- Definition of the service being collected
- Market Conditions and constraints
- New survey on turnover for Railway Transport
- Turnover Method
- Relationship with the Economic Census
- Summary
1. Definition of the service being collected

- Railway transport sector comprises establishments doing
  - transport activities of passengers and freight using railways
  - operation of railway vehicles, maintenance and repair of transport facilities for the purpose of operation

- Some of Establishments of railway transport companies, such as manufacturing factories, power stations, laboratories, training institutes, hospitals, are classified in industries other than the railway transport sector according to the types of their respective activities.
1. Definition of the service being collected

Classification structure of JSIC 42 Railway transport

420 Establishments engaged in administrative or ancillary economic activities
   4200 Head offices primarily engaged in managerial operations
   4209 Miscellaneous establishments engaged in administrative or ancillary economic activities

421 Railway transport
   4211 Ordinary railways
   4212 Tramways
   4213 Underground railways
   4214 Monorails except underground railways
   4215 Guide-rail system railways, except underground railways
   4216 Cable railways
   4217 Ropeways
   4219 Miscellaneous railways
## Comparison of industrial classifications

<table>
<thead>
<tr>
<th>JSIC Rev.12</th>
<th>ISIC rev.4</th>
</tr>
</thead>
<tbody>
<tr>
<td>4200 Head offices primarily engaged in managerial operations</td>
<td>7010 Activities of head office</td>
</tr>
<tr>
<td>4209 Miscellaneous establishments engaged in administrative or ancillary economic activities</td>
<td></td>
</tr>
<tr>
<td>4211 Ordinary railways</td>
<td>4911 Passenger rail transport, interurban</td>
</tr>
<tr>
<td>4212 Tramways</td>
<td>4912 Freight rail transport</td>
</tr>
<tr>
<td>4213 Underground railways</td>
<td></td>
</tr>
<tr>
<td>4214 Monorails, except underground railways</td>
<td>4921 Urban and suburban passenger land transport</td>
</tr>
<tr>
<td>4215 Guide-rail system railways, except underground railways</td>
<td></td>
</tr>
<tr>
<td>4216 Cable railways</td>
<td>4921 Urban and suburban passenger land transport</td>
</tr>
<tr>
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<td>4219 Miscellaneous railways</td>
<td>4921 Urban and suburban passenger land transport</td>
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</tbody>
</table>
2. Market Conditions and constraints

- The number of companies: 328
  (Establishment and Enterprise Census 2006, SBJ)
  - New lines have been opened and some existing lines have been extended in metropolitan areas.
  - Some companies have exited from the industry, or discontinued some of their lines especially in rural area.

- The passenger turnover (trend): relatively stable
- The freight turnover (trend): decreasing
  (Monthly Statistical Report on Railway Transport, MLIT)
The turnover for railway transport sector

- Freight turnover
- Passenger turnover

Source: Monthly Statistical Report on Railway Transport (MLIT)

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3. New survey on turnover for Railway Transport

- Monthly turnover on passenger and freight had been collected until March 2006 by MLIT (excluding JSIC 4217 and 4219).

  Monthly turnover is not collected now.

- Annual Report of Railway Transport Statistics, including annual turnover, is compiled using administrative records by MLIT.

  Annual turnover is published over one year later. Monthly turnover is not compiled in it.
3. New survey on turnover for Railway Transport

- **Monthly Survey on Service Industries**
  - was launched in July 2008 by the Statistics Bureau of Japan
  - aims to provide a set of monthly estimates of turnover and the number of employees of the service industries
  - covers a wide range of service industries accounting for about 44 percent of GDP
  - statistical unit is establishment
  - sample size is 39,000 establishments every month

About 1,200 establishments classified in JSIC 42 Railway transport are surveyed every month.
4. Turnover Method

- **Data collected**
  - Monthly turnover data is collected from establishments engaged in railway transport activities.

- **Freight transportation**
  - Turnover for freight transportation is collected as part of JSIC42, it is not separated from passenger transport.
4. Turnover Method

- **Issues in data collection**
  - Adjustment between stations of different companies is needed for calculating precise turnover of respective stations.
  
  Collected data is not adjusted because of no needs of adjustment for estimating total turnover.

  - Rechargeable IC prepaid card published by railway company can also be used for paying bus fares or shopping.

  As to IC card, the amount of railroad fares, which are recorded at the stations when passengers took train, is collected.
5. Relationship with the Economic Census

The Economic Census

- covers all economic activities of every industrial sector at the same point in time

- 2009 Economic Census
  - The results becomes Business Frame
    Sampling frame for MSSI in 2012 (Plan)

- 2011 Economic Census
  - The results will show turnover of each industrial sector
    Benchmark for turnover obtained from MSSI (Plan)
6. Summary

- **Monthly turnover for railway transport (JSIC 42)**
  - is not available now
  - is to be published as part of the results of MSSI

- **The results of MSSI**
  - is to be released from December 2009 every month
  - is expected to be useful for improving accuracy of the Quarterly Estimates of GDP
  - should be benchmarked to the results of 2011 Economic Census

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Thank you!
Questions?