Turnover for Human health activities in Sweden

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Outline of presentation

• Part 1: Definition of service being collected

• Part 2: Market conditions

• Part 3: Turnover data method
Part 1: Definition of service being collected
Part 1: Definition of service

- NACE 86: Human health activities

<table>
<thead>
<tr>
<th>NACE group</th>
<th>Name</th>
<th>NACE class</th>
</tr>
</thead>
<tbody>
<tr>
<td>86.1</td>
<td>Hospital activities</td>
<td>86.10</td>
</tr>
<tr>
<td>86.2</td>
<td>Medical and dental practice activities</td>
<td>86.21, 86.22, 86.23</td>
</tr>
<tr>
<td>86.9</td>
<td>Other human health activities</td>
<td>86.90</td>
</tr>
</tbody>
</table>

- Detailed breakdown in Sweden: 14 subclasses
<table>
<thead>
<tr>
<th>SNI 5-digit level</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>86.101</td>
<td>Hospital primary health activities</td>
</tr>
<tr>
<td>86.102</td>
<td>Specialised hospital somatic activities</td>
</tr>
<tr>
<td>86.103</td>
<td>Specialised hospital psychiatric activities</td>
</tr>
<tr>
<td>86.211</td>
<td>General primary medical practice activities</td>
</tr>
<tr>
<td>86.212</td>
<td>Other general medical practice activities</td>
</tr>
<tr>
<td>86.221</td>
<td>Special medical practice activities at hospitals</td>
</tr>
<tr>
<td>86.222</td>
<td>Special medical practice activities, not at hospitals</td>
</tr>
<tr>
<td>86.230</td>
<td>Dental practice activities</td>
</tr>
<tr>
<td>86.901</td>
<td>Activities of medical laboratories etc.</td>
</tr>
<tr>
<td>86.902</td>
<td>Ambulance transports and ambulance health care activities</td>
</tr>
<tr>
<td>86.903</td>
<td>Primary health activities, not physicians</td>
</tr>
<tr>
<td>86.904</td>
<td>Activities of dental hygienists</td>
</tr>
<tr>
<td>86.905</td>
<td>Activities of physiotherapists etc.</td>
</tr>
<tr>
<td>86.909</td>
<td>Other human health activities n.e.c.</td>
</tr>
</tbody>
</table>
Part 2: Market conditions
History of human health care

- 1500
- 1896
- 1915
- 1927
5 important innovations

- **1796** Edward Jenner invents the vaccin — but China was first
- **1850** The importance of clean hands! Semmelweis, Florence Nightingale
- **1895** Wilhelm Röntgen — Nobel prize 1901
- **1909** Discovery of blood groups by Karl Landsteiner — Nobel prize 1930
- **1928** Alexander Fleming discovered the penicillin — Nobel prize 1945
History of human health care in Sweden

- 1600s asylums and special institutions
- The first public hospital opens in 1752 Serafimerlasarettet
- 1862 county councils were established
- 1955 public health insurance policy
- Health care mostly on hospitals and local health centers
- Private or public sector?
Providers of health care activities in Sweden 2011, per cent

- County councils: 77%
- Municipalities: 22%
- Private sector (enterprises & non-profit institutions): 0.3%
- Central government: 0.7%
- County councils: 77%
Total health care expenditures according to Health accounts 2012, per cent

- Central government: 2 per cent
- Municipalities: 8 per cent
- County councils: 71 per cent
- Private sector (enterprises, households & non-profit institutions): 19 per cent
Turnover by section in SBS

- C: 25%
- G: 31%
- H: 6%
- I: 2%
- J: 5%
- K: 4%
- L: 4%
- M: 5%
- N: 3%
- P+Q: 2% (whereof NACE 86 has 1%)
- R+S: 2%
- A+B: 3%
- D: 4%
- E: 1%
- F: 7%
- N: 3%
Value added by section in SBS

- A+B: 4%
- C: 23%
- D: 4%
- E: 1%
- F: 9%
- G: 16%
- H: 6%
- I: 2%
- J: 8%
- K: 7%
- L: 8%
- M: 5%
- N: 2%
- P+Q: 5%
- R+S: 2%
- A+B: 4%

P+Q 5% whereof NACE 86 has 2%
Human health care in SBS 2012

- 27,000 enterprises
- 61,000 employees
- Turnover 8.2 billion EUR
- Value added 4.9 billion EUR
- Net investments 0.3 billion EUR
- Mostly small enterprises
Human health care in SBS

• Turnover by products on 13 different variables close to the Swedish 5-digit level (SNI)
• 2 additional variables:
  - Occupational health care
  - Vision screening (NACE 47)
• 98% of turnover generated by enterprises in NACE 86
Turnover in human health activities 2000-2012 in SBS

- 86.1 hospitals
- 86.2 medical and dental practices
- 86.9 other human health establishments
Value added in human health activities 2000-2012 in SBS

- 86.1 hospitals
- 86.2 medical and dental practices
- 86.9 other human health establishments
Part 3:
Turnover data method
Short-Term Statistics (STS)

- Service production index
- Quarterly and monthly statistics, only turnover
- EU-regulated survey
- Sample survey
- Results presented as development indices, released t+35 days
- Data in NACE Rev2 2000-
- No admin data used at present
Structural Business Statistics (SBS)

- Annual statistics
- EU-regulated survey
- Based on administrative (tax) data
  - 600 largest enterprises surveyed separately (ten enterprises in NACE 86)
  - Sample 17,000 enterprises for turnover by product (295 enterprises in NACE 86)
- Transmission to NA t+15 months
- Preliminary results transmission to Eurostat t+10 months, definitive t+18 months
SBS

- Turnover by product via additional sample surveys (NA and BR)
- Detailed distribution of e.g. other income as well as cost variables

πps-Sample : 17 000 enterprises (out of 1 000 000)

Data collection:
- Web-based questionnaire
- Pre-printed values (from admin data)
- Certain number of turnover variables included (based on industry)
- Use of drop-down lists for other activities
Thank you for your attention!