Turnover for the Waste Management Sector 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 4: Prices
Part 1: Definition of service being collected
Definition

• “I'm in the waste management business. Everybody immediately assumes you're mobbed up. It's a stereotype. And it's offensive.”
Part 1: Definition of service

- NACE 37: Sewerage
- NACE 38: Waste collection, treatment and disposal activities; materials recovery
- NACE 39: Remediation activities and other waste management services
Part 2: Market conditions
Turnover by division

- E: 0.6%
- G: 32.4%
- F: 7.1%
- D: 3.7%
- C: 24.3%
- B: 2.7%
- A: 9.0%
- M: 3.1%
- L: 4.2%
- I: 5.5%
- H: 6.1%
- J: 1.5%
- N: 0.6%
- P: 2.2%
- Q: 1.6%
Value added by division
Turnover by section
Market conditions

- NACE 37 + 38.1-2
  - NACE 37 Sewerage closely connected to NACE 36 Water collection, treatment and supply
  - Legislation: municipalities are required to provide water and sewerage services
  - Service produced either by the municipality itself or enterprise owned by the municipality/group of municipalities
  - Business sector statistics only cover the latter
Market conditions

- NACE 37+38.1-2 cont.
  - Cross-industry activities
  - 30% of sewerage services (CPA 37) produced in NACE 36
  - 12% of water supply services (CPA 36) produced in NACE 37

- NACE 38.3
  - Mainly private enterprises
  - Volatile prices for raw materials affect turnover
## Turnover by product

<table>
<thead>
<tr>
<th>Industry</th>
<th>Product</th>
<th>35</th>
<th>36</th>
<th>37</th>
<th>38</th>
<th>39</th>
<th>Other</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>35</td>
<td>210 088</td>
<td>70</td>
<td>55</td>
<td>1 626</td>
<td>32</td>
<td>3606</td>
<td>215 477</td>
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<td>36</td>
<td>1 410</td>
<td>1 885</td>
<td>460</td>
<td>95</td>
<td>6</td>
<td>102</td>
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<td>2 529</td>
<td>136</td>
<td>503</td>
<td>22 872</td>
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<td>215</td>
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<tr>
<td>39</td>
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<td>105</td>
<td>4</td>
<td>0</td>
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<tr>
<td>Other</td>
<td>16 162</td>
<td>197</td>
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<td></td>
<td></td>
<td></td>
<td>-</td>
<td></td>
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<tr>
<td>Total</td>
<td>229 648</td>
<td>3 130</td>
<td>2 859</td>
<td>28 230</td>
<td>429</td>
<td></td>
<td>-</td>
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</tbody>
</table>
Part 3:
Turnover data method
STS

- Quarterly statistics, only turnover - mandatory
- EU-regulated survey
  - NACE 37-39 not actually covered by regulation but produced due to NA demands
- Sample survey
- Results presented as development indices, released t+35 days
- Data in NACE Rev. 2 2000-
- No admin data used at present, work is in progress
SBS

- Annual statistics - mandatory
- EU-regulated survey
- Based on administrative (tax) data
  - 600 largest enterprises surveyed separately
  - Sample 16 500 enterprises for turnover by product
- Transmission to NA t+16 months
- Preliminary results transmission to Eurostat t+10 months, definitive t+18 months
- Data in NACE Rev. 2 2000-
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 : 16 500 enterprises (population 925 000)

- 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
- Turnover by products within NACE 37-39:

<table>
<thead>
<tr>
<th>Variable</th>
<th>CPA 2008</th>
<th>Name</th>
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<tbody>
<tr>
<td>V2887</td>
<td>37</td>
<td>Sewerage services; sewage sludge</td>
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<tr>
<td>V2950</td>
<td>38.1</td>
<td>Waste; waste collection services</td>
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<tr>
<td>V2951</td>
<td>38.2</td>
<td>Waste treatment and disposal services</td>
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<td>V2952</td>
<td>38.31</td>
<td>Dismantling services of wrecks</td>
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<tr>
<td>V2953</td>
<td>38.32.12,38.32.3</td>
<td>Recovery of non-metallic materials</td>
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<tr>
<td>V2954</td>
<td>38.32.11,38.32.2</td>
<td>Recovery of metallic materials</td>
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<td>V2940</td>
<td>39</td>
<td>Remediation activities...</td>
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</tbody>
</table>
Questionnaire NACE 37

Income sheet with specifications SEK 000's

Pre-printed values are collected from the income tax return form your enterprise have sent to the National Tax Agency. Please change false values.

Operating income
3.1 Net turnover

Customer breakdown of turnover
- Domestic enterprises within business group
- Foreign enterprises within business group
- Other foreign customers

Turnover by product
- Sewage services; sewage sludge
- Waste: waste collection services
- Waste treatment and disposal services
- Dismantling services of wrecks
- Recovery of non-metallic materials
- Recovery of metallic materials
- Water supply services
- Manufactured electricity
- Manufactured gas
- Steam and air conditioning services
- Retail trade services
- Employment services
- Other

v2885
v2886
v2851
v2953
v2953
v2954
v1056
v1031
v1035
v1036
v2807
v2843
v2596
Part 4: Prices
Prices

- Only NACE 38 covered by price statistics at present
- Index for NACE 39 is under development
- Main problem with measuring prices in these industries is to get comparable data over time
Questions?

Thank you!