BUSINESS STATISTICS
Structural Business Statistics

VOORBURG GROUP MEETING

22. SEPTEMBER 2010

© STATISTIK AUSTRIA

We move information.

www.statistik.at
Introduction

1 Organisational and Legal Framework
2 Developments in Business Statistics
3 Structural Business Statistics
4 Further Developments
Organisational and legal framework

Directorate Business Statistics

- Industry and Construction
- Trade and Services
- Transport
- Foreign Trade

Indicators, Analysis

www.statistik.at
Organisational and legal framework

- Foreign Trade - Goods
- Foreign Trade - Services
- Short Term Statistics
- Structural Business Statistics
- Transport Statistics
- Other: e.g. Input Statistics, Labour Cost statistics, R & D, Service Prices
Organisational and legal framework

Legal Framework

- Federal Statistics Act 2000
- European Regulations
  - SBS Recast Regulation
  - STS Regulation
  - Regulations concerning Classifications, Business Register, Statistical Units, National Accounts…….

National Regulations for Business Statistics
Organisational and legal framework

Federal Statistics Act 2000

Statutory statistics and surveys

Better access to administrative sources

“Administrative data and all relevant information available from registers have to be made available to Statistics Austria free of charge”

Minimise response burden

“Statistical survey only if data are not available in administrative sources or estimation methods are possible”

Provide electronic questionnaires free of charge

Special publication obligations

„Main data free of charge on the internet“
Developments in Business Statistics

- Dominance of requirements of the European Union
- Legal based statistics

Reduction of burden on respondents by

- Sample surveys instead of censuses; reduction of burden of small enterprises
- Electronic reporting (electronic questionnaires or online reporting)
- Use of administrative sources and synergies between statistical surveys
- Development of advanced estimation methods
Developments in Business Statistics

Response Burden Barometer 2001-2009

Index Number (Base year 2001)

- Total for ongoing surveys only
- Total for ongoing and perennial surveys

Year:
2001 2002 2003 2004 2005 2006 2007 2008 2009
Number of enterprises in selected compulsory surveys of Statistics Austria - 2009

<table>
<thead>
<tr>
<th>Survey</th>
<th>Enterprises</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Term Statistics (Industries and Construction)</td>
<td>12,602</td>
</tr>
<tr>
<td>Structural Business Statistics</td>
<td>35,103</td>
</tr>
<tr>
<td>Input Statistics</td>
<td>2,098</td>
</tr>
<tr>
<td>Intrastat</td>
<td>18,238</td>
</tr>
<tr>
<td>Transport</td>
<td>8,457</td>
</tr>
<tr>
<td>Labour Costs</td>
<td>7,364</td>
</tr>
<tr>
<td>Industrial Producer Prices</td>
<td>1,519</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>85,381</strong></td>
</tr>
</tbody>
</table>
Developments in Business Statistics

Share of Enterprises obliged to report in Total Number of Enterprises
by Sections of OENACE-2008

- B - Mining and Quarrying: 59.3%
- C - Manufacturing: 29.3%
- D - Electricity: 21.0%
- E - Water Supply, Waste Management: 24.8%
- F - Construction: 22.0%
- G - Wholesale and Retail Trade: 18.9%
- H - Transportation and Storage: 29.6%
- I - Accommodation and Food Service: 6.5%
- J - Information and Communication: 8.7%
- K - Financial and Insurance Activities: 5.0%
- L - Real Estate Activities: 12.7%
- M - Scientific and Technical Activities: 7.7%
- N - Administrative and Support Services: 17.9%
- P - Education: 3.1%
- Q - Human Health and Social Work Activities: 1.6%
- R - Arts, Entertainment and Recreation: 2.4%
- S - Other Service Activities: 2.5%
- Total Reporting Obligations: 13.4%
Developments in Business Statistics

![Graph showing the share of reporting devices over years (2001-2009). The graph includes data on paper, e-Quest, and net-Quest reporting devices.]}
STRUCTURAL BUSINESS STATISTICS

© STATISTIK AUSTRIA

www.statistik.at
What’s Structural Business Statistics?

- ... is one of the most important *business statistics* about enterprises in Austria
- ... is compiled on a *yearly* basis
- ... provides information about structure, activity and competitiveness and performance of businesses
- ... provides numerous variables (income and turnover, expenditures, value added, employment and investments) by
  - Activity
  - Regions
  - Size classes
  - in terms of gross data and ratios
Historical Development of Structural Business Statistics in Austria

- Non agricultural Census 1995 = Census of all economic activities
- Sample surveys for the reference years 1997 – 2001
  - Reduced list of variables for small enterprises
  - Yearly rotation of sampled units
- Since 2002: Cut off survey and model based estimation of enterprises below thresholds
- From 2008 onwards:
  - Continuation of cut off surveys with higher thresholds
  - Implementation of NACE Rev. 2 (OENACE 2008)
  - SBS Recast Regulation
Breakdown of Population

Breakdown of key data - SBS 2008

 Enterprises (%)  Turnover in %  Employees in %

89  12  24
11  88  76

Estimation  Survey
<table>
<thead>
<tr>
<th>What is new from the reference year 2008 onwards?</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Scope</strong></td>
</tr>
<tr>
<td>Sections B-N, Division 95 of OENACE 2008</td>
</tr>
<tr>
<td><strong>Amendments in the list of variables</strong></td>
</tr>
<tr>
<td>Deletions and Additions</td>
</tr>
<tr>
<td><strong>New thresholds</strong></td>
</tr>
<tr>
<td>Additional and higher thresholds</td>
</tr>
<tr>
<td><strong>New Annex VIII for Business services</strong></td>
</tr>
<tr>
<td>Turnover by products and clients</td>
</tr>
<tr>
<td><strong>Double reporting for 2008</strong></td>
</tr>
<tr>
<td>Results by OENACE 2003 and OENACE 2008</td>
</tr>
</tbody>
</table>
Thresholds for Industries and Construction

If coverage measured in terms of turnover is below 90 % of total turnover, the turnover threshold becomes relevant in the economic activity in question.
Thresholds for Services

**Turnover**

- 3 Mio. €: Wholesale Trade, Pharmacies
- 1,8 Mio. €: Retail Trade, Travel agencies, Forwarding agents, Freight transport
- 850 Tsd. €: Other service activities
- 300 Tsd. €: Veterinary activities

**Persons employed**

- Annex VIII: 20
- 10

---

Structural Business Statistics
New Annex in SBS RECAST

Business Services = Annex VIII

→ Most important extension of SBS from 2008 onwards

Purpose:

Supply of turnover by products (CPA) and clients for selected service activities
Enterprises with 20 persons employed

**Disadvantage:** only a small number of enterprises with more than 20 persons employed in some economic activities

Insufficient coverage as well as distribution of products for purposes of services producer prices

Therefore:

- Additional employment threshold of 10 persons employed for some economic activities
- Requirements of SBS Recast and services producer prices are satisfied
Annex VIII - Thresholds

<table>
<thead>
<tr>
<th>ÖNACE 2008</th>
<th>Employment Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>58.2, 62.03, 62.09, 63.12, 70.21, 73.11-2, 73.12</td>
<td>10 persons employed</td>
</tr>
<tr>
<td>62.01, 62.02, 63.11, 69, 70.22, 71, 73.11-1, 73.2, 78</td>
<td>20 persons employed</td>
</tr>
</tbody>
</table>

Additional breakdown of turnover by products for about 100 enterprises

Total number of enterprises

1.500
## Annex VIII – Coverage

<table>
<thead>
<tr>
<th>Economic activity</th>
<th>OENACE</th>
<th>Periodicity</th>
<th>from</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer services</td>
<td>62, 58.2, 63.1</td>
<td>Annual</td>
<td>2008</td>
</tr>
<tr>
<td>Advertising</td>
<td>73.1</td>
<td>Annual</td>
<td>2008</td>
</tr>
<tr>
<td>Employment activities</td>
<td>78</td>
<td>Annual</td>
<td>2008</td>
</tr>
<tr>
<td>Legal services</td>
<td>69.1</td>
<td>Biennal</td>
<td>2008</td>
</tr>
<tr>
<td>Accounting, bookkeeping activities; tax consultancy</td>
<td>69.2</td>
<td>Biennal</td>
<td>2008</td>
</tr>
<tr>
<td>Management consultancy activities</td>
<td>70.2</td>
<td>Biennal</td>
<td>2008</td>
</tr>
</tbody>
</table>
## Structural Business Statistics

### Annex VIII – Coverage

<table>
<thead>
<tr>
<th>Economic activity</th>
<th>OENACE</th>
<th>Periodicity</th>
<th>from</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architectural activities</td>
<td>71.11</td>
<td>Biennial</td>
<td>2009</td>
</tr>
<tr>
<td>Engineering; technical consulting services)</td>
<td>71.12</td>
<td>Biennial</td>
<td>2009</td>
</tr>
<tr>
<td>Technical testing and analysis</td>
<td>71.2</td>
<td>Biennial</td>
<td>2009</td>
</tr>
<tr>
<td>Market research and public opinion polling</td>
<td>73.2</td>
<td>Biennial</td>
<td>2009</td>
</tr>
</tbody>
</table>

[www.statistik.at](http://www.statistik.at)
Breakdown of turnover by products for legal services

- Legal services - business and commercial law: 25%
- Legal services - civil law: 20%
- Legal services - criminal law: 15%
- Other legal services: 15%
- Legal services - patents, copyrights and other: 10%
- Legal services - labour law: 10%
- Notarial services: 5%
- Turnover from other activities: 5%
- Auction legal services: 2.5%
- Arbitration and conciliation services: 2.5%
Breakdown of turnover by clients

FURTHER DEVELOPMENTS
Further Developments

Business Statistics – Further Developments

- Extension of use of administrative sources
- Advanced estimation methods
- Further development of multiple use of statistical information
- New methods for data editing ➔
  - Automatic corrections of implausible data
  - Selective editing
- Exclusive use of electronic reporting media ➔ No paper questionnaires for selected surveys from 2013 onwards
Thank You!

Sabine Zach
Tel: +43 1 71128 7940
mailto: sabine.zach@statistik.gv.at