

**Documentation of statistics for  
General Enterprise Statistics 2012**

## **1 Introduction**

The purpose of the statistics is to give a coherent and consistent description of the Danish business structure at the enterprise level.

The General enterprise statistics, which were compiled for the first time for the year 1999, have replaced the Enterprise statistics produced for the years 1992-1999. Both statistics gather information at the enterprise level. However, while the Enterprise statistics only included enterprises covered by activities in which the enterprises are liable to pay value added tax and which are engaged in the private sector, the General enterprise statistics cover all activities and sectors. Furthermore, the General enterprise statistics only include enterprises which are real active, while the previous statistics covered all enterprises.

## **2 Statistical presentation**

The General enterprise statistics cover real active enterprises in Denmark. It contain economic and employment information concerning all sectors and industries.

### **2.1 Data description**

The General enterprise statistics cover real active enterprises in all the Danish registered activities including information about number of enterprises and their employees. In addition to that the General enterprise statistics contain accounting information and information about turnover and exports for most of the activities.

### **2.2 Classification system**

The statistics is published on activity classifications. In addition the statistics is published on Danish regions and legal forms.

### **2.3 Sector coverage**

The statistics covers all sectors.

## **2.4 Statistical concepts and definitions**

**Enterprise level:** The enterprise level is the smallest combination of legal units that is an organizational unit, which are financially autonomous. One enterprise is linked to one legal unit or in a few cases several legal units. The enterprise contains statistical information on turnover and employment. There are a small number of enterprises in the agricultural sector to which legal units are not linked.

**Active companies:** In the Central Business Register, which provides the basis for the Statistical Business Register, all enterprises, which are obliged to register according to tax legislation, are registered regardless of their level of activity. This implies that even the smallest activity results in a registration of an enterprise.

The intention of the General enterprise statistics is to analyse real commercial activity. Starting from the recommendation of Eurostat, the General enterprise statistics only include active enterprises - throughout the year or a part of the year.

Eurostat recommends to include only enterprises, where a workload corresponding to at least 0.5 man-year is carried out. The recommendation has been formalized so that the General enterprise statistics include only enterprises, which have paid in wage and salary for employees corresponding to at least 0.5 man-year and/or have had calculated earnings of a certain volume. The earnings are calculated from turnover. The turnover, which corresponds to given earnings, varies widely from activity to activity, and it is therefore impossible to specify one definite limit for earnings. In sectors within the wholesale trade, the limit of earnings will typically amount to over DKK 500,000, while for sectors within the manufacturing industry, it will typically range between DKK 150,000 and DKK 200,000. In the public sector, where turnover is not a relevant estimate for the activity, only the wage and salary for employees are used, while enterprises within financing and insurance are reviewed manually, to see if they were really active throughout the year.

For those enterprises, which started their activity during the course of the year, the limit for earnings has been set to half the level used for enterprises, which were active during the whole year. This is based on the assumption that newly started enterprises do not usually have a great turnover to begin with, compared to the workload that is carried out.

## **2.5 Statistical unit**

The General enterprise statistics is published at the enterprise level (economic units).

## **2.6 Statistical population**

The population includes all active enterprises in Denmark

## **2.7 Reference area**

The General Enterprise Statistics covers the entire country.

## **2.8 Time coverage**

The current publication covers real active enterprises in 2012.

## **2.9 Base period**

Not relevant for this statistics.

## **2.10 Unit of measure**

Number of enterprises.

## **2.11 Reference period**

01-01-2012 - 31-12-2012

## **2.12 Frequency of dissemination**

The General enterprise statistics are compiled annually.

## **2.13 Legal acts and other agreements**

No information is collected directly from respondents, as the statistics entirely is based on registers and other statistics.

## **2.14 Cost and burden**

There is no respond-burden as the statistics are based on information from other statistical registers.

## **2.15 Comment**

No further information is available.

## **3 Statistical processing**

The different input data are integrated and adapted such that the statistics end up covering all active enterprises in Denmark.

### **3.1 Source data**

The statistics integrate information from two other business statistics, which are compiled for different unit types. The two statistics comprise the Accounts statistics, which are compiled at the enterprise level, and the VAT statistics, which are compiled at the administrative level used by the Danish Central Customs and Tax Administration. The General enterprise statistics process the information to the same unit level, the enterprise. This implies that the statistics are suitable for conducting, e.g. business-economic analyses.

In total, the following statistics, register and sources are used as input to the General enterprise statistic:

- Accounts statistics
- VAT statistics
- The employment statistics
- The Statistical Business Register.

### **3.2 Frequency of data collection**

The statistics is updated and published annually.

### **3.3 Data collection**

The statistics draws on information entirely from other statistics and registers.

### **3.4 Data validation**

The statistics is build on validated data. In the production of the statistics figures of turnover and employment are compared to earlier published figures.

### **3.5 Data compilation**

No data treatment is done, since the statistic is based on already validated data sources.

### **3.6 Adjustment**

No correction are made other than already mentioned under the two sections; data validation

## **4 Relevance**

The statistics are relevant for analysis of the Danish business development and structure.

Users of the statistic are: Government agencies, corporate agencies, Eurostat, regions, counties as well as private enterprises and private persons.

#### **4.1 User Needs**

Central users are: Government departments and agencies, business centre, Eurostat, Regions, municipalities, private enterprises and private persons.

The statistics provide the background for a number of different tailor made service tasks where the primary data are also combined with other statistical registers, among others IDA (Integrated Database for research of the Labour-market), RAS (Register based-labour force statistics) and the Register of Education and Training Statistics. The statistics are used for longitudinal analyses, analyses of single sectors and activities, and also form an important basis for the production of statistics on the information society.

#### **4.2 User Satisfaction**

Customer satisfaction are not compiled.

#### **4.3 Data completeness rate**

The statistics only include real active enterprises. This is in compliance with guidelines made by Eurostat.

### **5 Accuracy and reliability**

Generally the statistics are considered to be of high quality. The possible uncertainties of the statistics are associated with the quality of the sources of the statistic. Especially Accounts Statistics for Non-Agricultural Private Sector.

#### **5.1 Overall accuracy**

The reliability of the statistics is considered to be high.

#### **5.2 Sampling error**

Not relevant for this statistics.

#### **5.3 Non-sampling error**

The uncertainty, which is associated with the The general enterprise statistics, is connected to the uncertainty of the source statistics. In particular the Accounts Statistics for Non-Agricultural Private Sector.

#### **5.4 Quality management**

Statistics Denmark follows the recommendations on organisation and management of quality given in the Code of Practice for European Statistics (CoP) and the implementation guidelines given in the Quality Assurance Framework of the European Statistical System (QAF). A Working Group on Quality and a central quality assurance function have been established to continuously carry through control of products and processes.

## **5.5 Quality assurance**

Statistics Denmark follows the principles in the Code of Practice for European Statistics (CoP) and uses the Quality Assurance Framework of the European Statistical System (QAF) for the implementation of the principles. This involves continuous decentralized and central control of products and processes based on documentation following international standards. The central quality assurance function reports to the Working Group on Quality. Reports include suggestions for improvement that are assessed, decided and subsequently implemented.

## **5.6 Quality assessment**

The quality of the statistic is associated with the quality of the sources of the statistic.

In a few cases there can be errors in the sectorclassification of the unit. These have limited impact on an aggregated level.

## **5.7 Data revision - policy**

Statistics Denmark revises published figures in accordance with the [Revision Policy for Statistics Denmark](#). The common procedures and principles of the Revision Policy are for some statistics supplemented by a specific revision practice.

## **5.8 Data revision practice**

Only final figures are published.

## **6 Timeliness and punctuality**

The statistics is published 18 months after the end of the reference year.

### **6.1 Timeliness and time lag - final results**

From the end of the reference year to publication a maximum time of about 18 months is aimed at. The comparatively long publication time is due to primarily the fact that the primary statistics which are included in the General Enterprise Statistics have to be published before the production of the Enterprise Statistics can be started. The real period, from all the basic registers are available, to the publication is about 3 months.

### **6.2 Punctuality**

The general enterprise statistics have been published on time.

## **7 Comparability**

General enterprise statistics, covering only private enterprises excluding agriculture, can be compared to the national published Account statistics for enterprises, also published annually by Eurostat under the name "Business Statistics".

### **7.1 Comparability - geographical**

Covering private enterprises excluding agriculture, the General enterprise statistics can be compared to the Business Statistics published by Eurostat.

### **7.2 Comparability over time**

The statistics were transferred from sector nomenclature DBo3 to DBo7 in December 2009. The background and significance of this transfer is described in a [paper](#)

From the reference year 2009 the General enterprise statistics started using eIndkomst as the primary data source for the calculation of full-time employees. This resulted in a discontinuity in the number of full-time employees from 2008 to 2009.

Starting with reference year 2009 also the input source Purchases and sales by firms (the VAT Statistics) where changed. [More information about the VAT Statistics](#)

Small changes due to quality improvements was made and implemented from the reference year 2009.

### **7.3 Coherence - cross domain**

For activity performed in the private sector excluding agriculture, It is possible to compare the statistics with the Danish Accountant statistics for enterprises.

### **7.4 Coherence - internal**

The statistics are based on multiple sources with different types of units. Therefore, the statistics are processed so that type of unit will be the same across sources.

## **8 Accessibility and clarity**

Current publication: News from Statistics Denmark (only Danish), The Danish Stat Bank, Statistical Yearbook and The statistical decade (only Danish)

### **8.1 Release calendar**

The publication date appears in the release calendar. The date is confirmed in the weeks before.

### **8.2 Release calendar access**

The Release Calender can be accessed on our English website: [Release Calender](#).

### **8.3 User access**

Statistics are always published at 8:00 a.m. at the day announced in the release calendar. No one outside of Statistics Denmark can access the statistics before they are published.



#### **8.4 News release**

[NYT](#).

#### **8.5 Publications**

To read more about the General enterprise statistics:

- [The Statistical Yearbook 2014 - Business Sectors in general](#)
- [General enterprise statistics](#)

#### **8.6 On-line database**

Find the General enterprise statistics in the Stat Bank.

- [Enterprise Statistics by industry groups](#)
- [Enterprise Statistics by employee size classes](#)
- [Enterprise Statistics by regions](#)

#### **8.7 Micro-data access**

It is possible to get access to micro level data from the General enterprise statistics.

Only Danish research environments are granted authorisation. Foreign researchers can, however, get access to micro data through an affiliation to a Danish authorised environment. Access is given to anonymised micro data, i.e. data at an individual personal or corporate level. Access takes place through researcher's own pc over the Internet.

[Access to micro level data](#).

#### **8.8 Other**

IT is possible to order tailor made statistics from the General enterprise statistics.

Orders can be placed by writing to this e-mail: [firma\\_stat@dst.dk](mailto:firma_stat@dst.dk)

#### **8.9 Confidentiality - policy**

[Data confidentiality policy at Statistics Denmark](#) .

The section regarding Business Statistics.

#### **8.10 Confidentiality - data treatment**

In connection to publication and delivery of customized statistics, a so-called confidentiality test of data is made. The confidentiality test is made on the basis of two criteria:

1. The number criteria: If one data cell contains less than 3 observations (enterprises) employment and financial information can not be published
2. The dominance criteria: If one or two observations (enterprises) contained in one data cell, alone or together constitute a certain percentage of the total turnover of the cell, the turnover and other financial information for this group can not be published.

### **8.11 Documentation on methodology**

No other documents available.

### **8.12 Quality documentation**

Results from the quality evaluation of products and selected processes are available in detail for each statistics and in summary reports for the Working Group on Quality.

## **9 Contact**

The administrative placement of this statistic is in the division of Business Dynamics, Business Statistics . The person responsible is Head of section Jesper Moltrup-Nielsen, tel. +45 39 17 38 56, e-mail: [jmn@dst.dk](mailto:jmn@dst.dk)

### **9.1 Contact organisation**

Statistics Denmark

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Business Dynamics

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