

**Documentation of statistics for
Zoological and Botanical Gardens 2013**

1 Introduction

The purpose of the statistics is to describe the yearly opening hours and the number of visitors to Zoos, Aquariums and Botanical gardens.

The statistics has been compiled since 1985.

2 Statistical presentation

The purpose of the statistics is to show the number of visitors and annual hours of zoo and botanical gardens. The zoos and botanical gardens are divided into state-subsidized and non state-subsidized. The statistics has been conducted since 1985. From 1985 to 2011 the statistics was a part of the statistics on museums.

2.1 Data description

The purpose of the statistics is to show the number of visitors and annual hours of zoo and botanical gardens.

2.2 Classification system

Not relevant for these statistics.

2.3 Sector coverage

Not relevant for these statistics.

2.4 Statistical concepts and definitions

Opening hours: Annual opening hours.

Visitors: The visitors are persons who physically visited the zoo / botanical garden. It is not decisive whether the ticket has been issued in connection with visits. If there are systematically record of number of visitors, provide an estimate. Number of visitors is calculated in visitors in total and children / young people under 18 with and without learning content.

Zootypes: It distinguishes between three types of zoos:

- zoo which is state-subsidized according to the zoo-law
- Other state-supported
- Non-state-supported

2.5 Statistical unit

Number of visitors.

2.6 Statistical population

The populations of the zoo, Aquariums and Botanical Gardens is formed by the population from the previous year supplemented with units from the Business Register

2.7 Reference area

Denmark.

2.8 Time coverage

Statistics for zoos and botanical gardens have been provided each year since 1984. Up to 2011, the statistics were a part of museum statistics.

2.9 Base period

Not relevant for these statistics.

2.10 Unit of measure

- Number of persons.
- Number of zoos and botanical gardens.

2.11 Reference period

The statistics are compiled for the calendar year.

2.12 Frequency of dissemination

Annually.

2.13 Legal acts and other agreements

Voluntary.

2.14 Cost and burden

The cost burden is not measured.

2.15 Comment

None.

3 Statistical processing

Data are collected yearly through electronic questionnaires to individual zoos and botanical gardens. The statistics is on micro level. If there are large fluctuations in the number of visitors the zoo is contacted an explanation.

3.1 Source data

Yearly questionnaires to the zoos, aquariums and botanical gardens.

3.2 Frequency of data collection

Every year.

3.3 Data collection

Yearly questionnaires to the zoos, aquariums and botanical gardens.

3.4 Data validation

When a zoo or a botanical gardens have large - i.e.. over 40 per cent. or 30,000 - fluctuations in the number of visitors from one year to the next, contact is made to get a clarification. Result prioritized according to the size in terms of number of visitors. In addition, check for changes in museum type.

3.5 Data compilation

Data is validated and published.

3.6 Adjustment

Not relevant for these statistics.

4 Relevance

There have been no separate study of user satisfaction. The users of the statistics are the Ministry of Culture and the press.

4.1 User Needs

The users are primarily the Ministry of Cultural Affairs, The Danish Agency for Culture and organizations engaged in activities within in the field of zoos aquariums and botanical gardens and the news media.

4.2 User Satisfaction

The user satisfaction is not measured.

4.3 Data completeness rate

Not relevant for these statistics.

5 Accuracy and reliability

The statistics are compiled on the basis of (in principle) all zoos, aquariums and botanical gardens.

The questionnaires are subjected to a validation check and corrections are made by addressing the respondents.

5.1 Overall accuracy

Reporting to the statistics is voluntary. Therefore some minor zoological gardens and botanical gardens do not participate in the study. All the major zoos and aquariums participate each year.

5.2 Sampling error

Not relevant for these statistics.

5.3 Non-sampling error

Not relevant for these statistics.

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 survey is voluntary. Some privately owned zoos or botanical gardens refuse to participate. All state-supported zoos participate every year.

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 statistics is published.

6 Timeliness and punctuality

The statistics are published annually approx. 4 months after the reference period.

6.1 Timeliness and time lag - final results

Only final figures is published.

6.2 Punctuality

The time of publication is very precise.

7 Comparability

From 1984 to 2010, the statistics was a part of the museum statistics.

7.1 Comparability - geographical

There are no internationally comparable statistics in the area.

7.2 Comparability over time

Comparability concerning number of visitors is possible from 1984 onwards at the level of the individual zoo, aquarium and botanical garden. At the aggregated level there is a certain level of uncertainty due to an increase of the population.

7.3 Coherence - cross domain

Not relevant for these statistics.

7.4 Coherence - internal

Not relevant for these statistics.

8 Accessibility and clarity

The statistics are published in News from Statistics Denmark, in StatBank and on the [theme page](#).

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

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

[News release](#) (in Danish).

8.5 Publications

Statistical Yearbook and Statistical 10-year-review.

8.6 On-line database

[StatBank Denmark](#)

8.7 Micro-data access

There is not access to micro-data.

8.8 Other

[List with figures](#)

8.9 Confidentiality - policy

Not relevant for these statistics.

8.10 Confidentiality - data treatment

None.

8.11 Documentation on methodology

Declaration of contents.

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 these statistics are in the division of Business Dynamics. The responsible persons are:

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