

**Documentation of statistics for  
Nights Spent at Marinas 2024**

## **1 Introduction**

The purpose of the survey Overnight stays in marinas is to supply information on the tourism activity in the Danish marinas. Users of the statistics is e.g. business and tourism organisations as well as municipalities and regions to analyse the development in tourism. Furthermore the statistics is used to identify the most popular marina areas in Denmark. The survey is collected on a voluntary basis and is made in collaboration with VisitDenmark. The survey has been compiled since 1992. The survey went from mandatory to voluntary in 2004 which has had an impact on the response rate and thus also the comparability over time.

## **2 Statistical presentation**

The statistics regarding marinas is a monthly seasonally survey about boats and guest nights spent by visiting yachts in marinas in the months of May-September. The statistics are divided into nationalities of the guests, as well as geographically by regions, parts of the country and waters. In addition, there is an annual assessment of the capacity of marinas divided into parts of the country and the size of the marina. Numbers of Municipal distribution is published at the homepage of VisitDenmark.

### **2.1 Data description**

The purpose of the statistics is in overall to visualize the activity in the Danish marinas. The most important variables are guests nights and boat nights divided into nationality, geographical area and waters. The numbers of guest nights visualize how many guests who stayed in the Danish marinas in different parts of the country. The statistics furthermore visualize the nationality of the guests and the number of boat nights visualize the number of boats in the Danish marinas and waters, the use of the marinas and the lengths of the stay.

The monthly survey covers: - Number of nights stayed divided among guest nationality and geographical area or water. - The number of boat nights divided among guest nationality and geographical area or water.

The yearly survey covers: - The numbers of marinas divided into their capacity - The capacity of the marinas divided into different geographical areas

### **2.2 Classification system**

The tables in the statistical bank divide into different groupings and classifications. The statistics divide geographically into regions, parts of the country and waters. Furthermore the statistics are distributed according to nationalities of the guests.

### **2.3 Sector coverage**

The statistics include marinas under the industry code 93.29.10, marinas in the Danish Industry Code 2007 and the international NACE, rev. 2 classification. A complete description of the industry can be found in the Danish Industry Code 2007.

## **2.4 Statistical concepts and definitions**

Boat nights spent at marinas: Boat nights spent at marinas is the number of boats in Danish marinas times the length of their stay.

Person nights spent: Person nights spent is the size of the crew on the boat combined with the length of the stay.

## **2.5 Statistical unit**

The statistical unit is marinas.

## **2.6 Statistical population**

The population includes all Danish marinas.

## **2.7 Reference area**

Denmark.

## **2.8 Time coverage**

The survey covers 1992 and onwards.

## **2.9 Base period**

Not relevant for this survey.

## **2.10 Unit of measure**

The primary unit of measure is the number of marinas, boat and person nights spent.

## **2.11 Reference period**

The statistics is compiled monthly for the period May to September.

## **2.12 Frequency of dissemination**

The survey is compiled and published monthly for the months of May-September. Furthermore, an annual publication is released in December.

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

The survey is collected on a voluntary basis. Prior to 2004, the survey was mandatory and covered by the [Act on Statistics Denmark] (Lov om Danmarks Statistik) (<https://www.dst.dk/-/media/Kontorer/XX-Direktionssekretariatet/LBK-Lov-om-Danmarks-Statistik-2018-07-01.pdf?la=da>), section 8, cf. Order no. 599 of 22 June 2000.

### **2.14 Cost and burden**

The survey is collected on a voluntary basis. The response burden is not calculated.

### **2.15 Comment**

Additional information can be found on the statistics [subject page](#) or obtained by contacting Nanna Nikander Nonboe-Nygaard, tel.: +45 20 56 39 57, email: [nio@dst.dk](mailto:nio@dst.dk).

The statistics regarding the marinas are part of the accommodation statistics, which also include data for hotels, holiday centers, camping, hostels and holiday houses.

## **3 Statistical processing**

Data for the statistics is collected monthly for for the reference months May to September. The monthly statistics shows temporary data for the activity in the marinas. If a marina has not reported data from the same month the year before is imputed. At the end of the reference year the imputed data is replaced by reported final data for the year. The numbers of nights spent at marinas are calculated by using a average factor for the size of the crew. The average factor is based by a survey made by VisitDenmark in 2017. Data for the statistics is collected via an upload solution or by a electronic questionnaire. The collected data undergoes micro-level debugging during the actual collection and at the macro-level when the data is aggregated.

### **3.1 Source data**

The survey is compiled on a voluntary basis of reports from marinas.

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

Monthly for the reference period May to September.

### **3.3 Data collection**

Data is disseminated on a monthly basis to Statistics Denmark via an online questionnaire on [Virk](#) via a digital upload solution.

### **3.4 Data validation**

The collected data from each marina is checked for errors during the data collection. When the data is collected, a micro error search is carried out, where significant deviations from the same month last year or incorrect summations are examined and possibly corrected, if any error has occurred, after contacting the company. The variables are also compared with each other, and it is examined whether the totals match. After aggregating the data into totals for geographical area and nationality of the guests, the totals are searched for errors, the totals are also checked across census periods.

### **3.5 Data compilation**

Data is provided by marinas and then aggregated and validated. This procedure is followed by a summation of the data into totals broken down by nationality and geography. The survey is voluntary and based on a census. Data is imputed if an enterprise does not disseminate data within the given time frame. The data is not seasonal adjusted. Some marinas have in addition units for camper vans. The number of nights spent in camper vans at the marinas are also part of the survey. The marinas are reporting number of boat nights divided into the nationality of the guests.

Boat nights spent is the number of boats in the Danish marinas times the length of the stay. Person nights spent is the size of the crew on the boat times the length of the stay. The size of the crew is calculated by using an average factor. This factor is for Denmark, Germany and Sweden = 3.4 and for all other countries = 4.5.

Before 2006 the average factor was - DK = 3 - GE = 2.9 - SW = 3.4 - All other countries = 3

From 2007 to 2016 the average factor has been phased in. From 2017 the factor is fully phased in.

### **3.6 Adjustment**

There is not seasonal adjustments to the statistics as it does not contain data for all of the 12 months of the year.

## **4 Relevance**

The statistics are relevant for e.g. the companies, industry associations, municipalities and regions as well as business and tourism organizations as a basis for forecasts, analyses and planning purposes.

### **4.1 User Needs**

The statistics is of interest to accommodation establishments who can utilize the numbers for comparison purposes. Furthermore, the statistics is of use to Danish ministries as well as business organizations, private enterprises, municipalities and regions.

### **4.2 User Satisfaction**

An expert committee meets approx. each half year with stakeholders from the tourism industry as well as other areas of the tourism and accommodation industry. Here, the participants have the opportunity to acquire knowledge about the latest initiatives in the area as well as discuss the current statistics and possible improvements thereof.

### **4.3 Data completeness rate**

Not relevant as this survey is made on a voluntary basis.

## **5 Accuracy and reliability**

The marina statistics was made voluntary from 2004 which may influence the comparability over time as well as the coverage. Some reports are based on a best estimate by the respondent and therefore in risk of being wrong.

### **5.1 Overall accuracy**

The statistics has been voluntary since 2004 and this has an impact on the coverage and validity. Before 2004 the survey was a total census aimed all marinas in Denmark. The change in the survey may have a negative consequence at the statistics.

### **5.2 Sampling error**

Not relevant for this survey

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

The survey is collected on a voluntary basis and does therefore not provide a full coverage of nights spent in Danish marinas. Furthermore, some marinas will disseminate their questionnaires by the end of the year or too late for the monthly deadline, and their monthly numbers are subsequently imputed on the basis of the previous year. Reports can also be based on estimates by the respondents and therefore be less accurate. The number of nights spent at marinas is calculated by an average factor for the size of the crew in the boat. This factor is based on a survey made by VisitDenmark in 2017.

### **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 statistics is a census with voluntary participation from Danish marinas. Since the sample is relatively constant from year to year, the data are believed to be comparable from year to year. The variable *number of overnight stays by nationality* is considered most reliable.

## 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

The monthly publications are preliminary and may differ from the final data in the annual publication that are published approx. 75 days after the end of the reference year.

## 6 Timeliness and punctuality

The survey is published on a monthly basis for the reference months May-September approx. 40 days after the end of the reference month. Furthermore, an annual publication is made that is published approx. 75 days after the end of the reference year. The survey is published according to the scheduled time table and therefore has a high degree of punctuality.

### 6.1 Timeliness and time lag - final results

The marina statistics is published monthly and annually. Monthly statistics are published 40 days after the end of the reference month. Annual statistics are published 75 days after the end of the reference year.

### 6.2 Punctuality

The statistics are published without delay in relation to the pre-announced publication time in the publication calendar.

## 7 Comparability

From 2004 the statistics are voluntary which minimize the comparability over time. From 2007-20016 a new factor regarding the size of the crew has been phased in. From 2017 an onwards this factor is fully phased in.

### 7.1 Comparability - geographical

The statistics is voluntary and is not incorporated in the EU Regulation on tourism statistics. [Eurostat](#).

## 7.2 Comparability over time

During the years the statistics have been going through some changes which have minimized the comparability.

- From 2004 the survey is voluntary. This can influence the representation of the statistics and the numbers of marinas participating in the statistics.
- From 2006 the months May and September were added to the statistics.
- For the key figures the statistics is comparable over time.

## 7.3 Coherence - cross domain

The statistics is part of the total nights spent in Denmark. The statistics are comparable with other accommodation statistics such as the hotel and camping statistics etc.

## 7.4 Coherence - internal

Not relevant.

## 8 Accessibility and clarity

The statistics are published in [Nyt from Statistics Denmark](#). In the statbank the figures are published under the subject [Marinas](#) and [All types of accommodation](#). In addition, the figures are included in the [Statistical Ten-Year Overview] (<https://www.dst.dk/da/Statistik/Publikationer/VisPub?cid=29816>). See more on the statistics [topic page](#). Municipality-distributed statistics on holiday rental are financed by VisitDenmark and are freely available on their [website](#).

If you want to combine statistics on marinas with other variables or put them together in another way, you can contact DST Consulting to clarify options and request a quote.

### 8.1 Release calendar

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

### 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.

### 8.2 Release calendar access

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



#### 8.4 News release

The statistics on marinas are published monthly for the reference months May to September with the preliminary figures in a combined NYT [Nyt from Statistics Denmark](#) for all overnight accommodation statistics and in an annual publication with the final figures.

#### 8.5 Publications

Statistics on marinas are presented in the [Statistical Ten-Year Review] (<https://www.dst.dk/da/Statistik/Publikationer/VisPub.aspx?cid=22260>) and in the [Statistical Yearbook](#).

#### 8.6 On-line database

The statistics are published in the StatBank under the subjects [Marinas](#) in the following tables and [All types of accommodation](#):

Monthly figures can be found in the following tables: - [LYST1](#): Nights spent at marinas with overnight accommodations by region, nationality of the guest, period and time - [LYST2](#): Nights spent at marinas with overnight accommodations by waters, nationality of the guest, period and time - [LYST10](#): Nights spent at marinas with overnight accommodations by region, nationality of the guest, period and accommodation type - [LYST11](#): Nights spent at marinas with overnight accommodations by waters, nationality of the guest, period and accommodation type

Annual figures can be found in the following tables: - [LYST12](#): Marinas by size and capacity - [LYST13](#): Marinas by region and capacity

Figures for all types of accommodation can be found in the following table: - [TURIST](#): Overnight stays by type of overnight accommodation, region, nationality of the guest and period

#### 8.7 Micro-data access

Researchers and other analysts from authorized research institutions, can be granted access to the underlying micro-data by contacting [Research Services](#).

#### 8.8 Other

Since 2017 data by municipality is freely available by visiting the VisitDenmark website. VisitDenmarks [website](#). The data is collected by Statistics Denmark and published every month by VisitDenmark.

The statistics' anonymised basic data is made available for service tasks against payment. Read more about [Customized solutions](#) or get more information by contacting DST Consulting.

#### 8.9 Confidentiality - policy

[Data Confidentiality Policy](#) at Statistics Denmark.

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

Any geographical area has to have at least 3 reporting units before any data can be published. There is no need for discretization of totals for parts of the country, regions and the whole country. Confidentiality is ensured by accumulating data or by omission of certain variable breakdowns.

### **8.11 Documentation on methodology**

There is no separate method descriptions for this statistics.

### **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 Short Term Statistics. The persons responsible is Majbrit Holst, tel. +45 24 94 08 24, e-mail: [mbj@dst.dk](mailto:mbj@dst.dk)

### **9.1 Contact organisation**

Statistics Denmark

### **9.2 Contact organisation unit**

Short Term Statistics, Business Statistics

### **9.3 Contact name**

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### **9.4 Contact person function**

Responsible for the statistics

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N/A