

**Documentation of statistics for  
Sports Participation 2017**

## **1 Introduction**

The purpose of the statistics is to highlight sports participation and results of the population and the professional athletes in Denmark. The statistics describes sports activities, the population's sports and exercise habits, attendances to sports events and Danish sports medal winners in international competitions.

## **2 Statistical presentation**

The statistics present annual accounts of the membership numbers in the sports organizations by activities; sports and exercise habits of the population; attendances to selected sports and the number of Danish winners of international sports medals. Membership numbers are distributed by gender, age group, activity and geographically. Sports habits are distributed by gender, age, frequency, time and organization. Attendance numbers are distributed by sport and league, and medals by championship type, sport and medal type.

### **2.1 Data description**

The statistics contains information about sports activities in sports associations, time series with the main results from surveys of the population's exercise and sports habits, attendances and matches for selected sports and leagues and an overview of Danish winners of international sports medals.

## 2.2 Classification system

Activities for the members of associations are divided by municipalities, activities, gender and age groups.

Activities are divided by the following sports; American Football - Athletics - Automobile Sports (4 Wheels) - Badminton - Billiards - Boxing - Table Tennis - Bowling - Wrestling - Archery - Cricket - Curling - Bicycling - Dancing - Darts - Parachuting - Floorball - Football - Fencing - Golf - Gymnastics - Hang Gliding/Paragliding - Handball - Ice Hockey - Judo, Ju-Jitsu - Canoe/Kayak - Karate - Nine-Pin Bowling - Kick-/Thaiboxing - Modern Pentathlon - Motorsport (2 Wheels) - Orienteering - Parasports - Petanque - Riding - Rowing - Rollerskating - Sailing - Shooting - Softball - Scuba Diving - Squash - Powerlifting -Gliding - Swimming - Taekwondo - Triathlon - Waterski / Wakeboard - BMX - Ballroom dancing - Military sports - Flag-football - Basketball - Fishing - Fitness - Outdoor Recreation - Walking - Hockey - Dog Sports - Martial Arts, Others - Climbing - Croquet - Crolf - Running - Minigolf - Aeromodelling - Rugby - Skiing - Ice Skating - Street Sports - Mental Sports - Tennis - Volleyball - Weightlifting - Childrens Sports - Cross-Disciplinary - Vocational - School - Cross-Disciplinary - Family Sports - Cross-Disciplinary - Sports For Seniors - Sports By Day - Other Sporting Activities - Esport

The age groups are:

- 0-12 years
- 13-18 years
- 19-24 years
- 25-59 years
- 60 years and over

Attendances by sports:

- Ice Hockey
- Football
- Basketball
- Handball

Championships are divided into the following tournaments:

- World Championships
- European Championships
- Olympics
- Paralympics
- European Games

Medals are divided into Gold, Silver, Bronze and All medals and in addition to sports with the same categorization as activities for the members.

## 2.3 Sector coverage

Not relevant for these statistics.

## **2.4 Statistical concepts and definitions**

Child: In the sports activity statistics, children are considered to be 7 to 15 years old.

Sports active: In the statistics for sports activity, you are considered sports active if you have confirmed the question "Do you usually practice sports / exercise?".

Adult: In the sports activity statistics, adults are considered to be 16+ years old.

## **2.5 Statistical unit**

Persons, matches and medals.

## **2.6 Statistical population**

These statistics illustrate the Danish population's sports activities, as well as Danish athletes' performance in international competitions.

## **2.7 Reference area**

Denmark.

## **2.8 Time coverage**

Activities for members cover the period from 2014 onwards. The population's exercise and sports habits include studies from 2007, 2011 and 2016. Attendances and match numbers are from the 2006/2007 season onwards and medals from 1980 onwards.

## **2.9 Base period**

Not relevant for these statistics.

## **2.10 Unit of measure**

Number of members, attendance numbers , number of matches and number of medals.

## **2.11 Reference period**

Member and activities follow the calendar year. The results regarding the population's sports and exercise habits relate to the specified year. Attendances are calculated per. season, which runs from 1 August to 31 July of the following year. Medals follow the calendar year.

## **2.12 Frequency of dissemination**

Yearly. Surveys regarding the population's sports and exercise habits are conducted every four years.

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

There is no EU regulation for this statistic.

### **2.14 Cost and burden**

The statistics are based on existing administrative registers and already collected and published data. Therefore, there is no direct reporting burden with these statistics.

### **2.15 Comment**

Statistics Denmark covers the field of sport under the subjects [Economics and Employment of the Sports Sector](#), [Sports Participation](#) and [Sports infrastructure and Resources](#). In addition, a new cultural habits survey is being developed and the first new results from this are expected to be completed by 2019.

## **3 Statistical processing**

The statistics of the sports associations' members' activities and the medal overview for Danish athletes' international performances are received from the Central Sports Association Register and from the Sports Confederation of Denmark. Data is validated by comparison with previous years results and tables. Selected results from IDAN's studies of the population's sports and exercise habits are received in the form of special extracts, which are tabulated and documented by the number of respondents and the exact wording of the current questions. Attendances and number of matches for selected sports and leagues are collected by special extracts from the relevant sports federation or by collecting published numbers. The attendance numbers are validated by comparison with previous years, average per match is calculated and data tabulated.

### 3.1 Source data

Activity, association and membership information is based on an extract from the Central Association Register, driven by the The Sports Confederation of Denmark, DGI and the Danish federation of Company Sports. See [[dif.dk/medlemstal](https://www.dif.dk/en/politik/we-are/memberships)]([https://www.dif.dk/en/politik / we-are / memberships](https://www.dif.dk/en/politik/we-are/memberships)) for the overall association sport and [dif.dk/forbund](https://www.dif.dk/en/politik/we-are/memberships) for detailed numbers for each federation. Membership numbers are listed as unique memberships in sports associations. A person who is a member of two associations will count twice in the statement. Membership numbers in the IDRAKT01 table are lower than in Table IDRFOR01, as non-sporting activities such as theater, politics, etc. are not in IDRAKT01.

The attendances statistics are based on several data prepared by the federations within the individual sports. Some data are collected by Statistics Denmark at the individual federations. The remaining data is sent annually from the individual federation.

Attendance numbers and number of home matches for national team statistics in football are registered in (Dansk Boldspil Union database)  
[<https://www.dbu.dk/landshold/landsholdsdatabasen/landsholdsdatabasen.aspx>]

Data for the handball leagues are registered at the Danish Handball Federation. [Https: / /  
/haandbold.dk/raekker/]

Data for the handball national teams will be reported by the Danish Handball Federation.

Data for the basketball national team is reported from the Danish Basketball Federation.

Data for the Basketball League is reported annually from Basket League.

Data for ice hockey is registered and reported from the Danish Ice Hockey Union.

Data for Danish club football is reported from the Division Association.

The reports include the total number of matches and attendances for the individual sports by league and gender.

The medal statistics are based on the The Sports Confederation of Denmark's medal overview, which has been prepared on the basis of reports from approx. 60 special federations. More detailed information about activities, disciplines, tournaments and medalists can be found at [https://www.dif.dk/en/elite/news/media\\_and\\_masterships](https://www.dif.dk/en/elite/news/media_and_masterships).

### 3.2 Frequency of data collection

Yearly, however, results regarding the population's sports and exercise habits are made every four years.

### 3.3 Data collection

Data for the members' activities of the sports associations and the medal overview are sent as special features from the Sports Confederation of Denmark. Selected results from IDAN's studies of the population's sports and exercise habits are received in the form of special extracts. Data for the attendances is collected from the federations and player associations or by registering on the websites of those organizations.

### **3.4 Data validation**

Data regarding sports associations' members and medals are validated by comparison with previous years' results. In case of larger fluctuations, the data provider is contacted for confirmation and, if necessary, correction of errors. Results from IDAN's studies of the population's sports and exercise habits are compared to the published results. The attendance numbers are checked by comparing with the attendance figures for the previous years. Account is also taken of restructuring of league structures where fewer / more matches and thus fewer / more attendances may occur.

### **3.5 Data compilation**

The processing of the data includes coding, tableing and checking of detailed registry extractions to the level of publication as well as validation of results compared to the previous year's results. For the attendances statistics, specifically, play-off matches between clubs for promotion, relegation and qualification in handball and football are not included in the total number of matches and attendances. This is because the clubs in these cases represent different leagues or qualify for another league.

In the attendance statistics, "matches" is considered as home games played in Denmark. The away games for the national teams are therefore not included in the statistics.

In four single matches, over four seasons (Woman2009/10, Woman2011/12, Men2015/16, Woman2016/17) for men and women national teams in handball, there is no attendances. The correlation between the number of matches and the number of attendances for these individual seasons may therefore be slightly different. Attendances per. match in the above seasons are calculated without the individual mentioned matches.

In a single match for the basketball national team season 2007/08 there is no attendance. The correlation between the number of matches and the number of attendances for this individual season may therefore be slightly different. Attendances per. match in the above mentioned season is calculated without the individual mentioned match.

### **3.6 Adjustment**

Not relevant for these statistics.

## **4 Relevance**

The statistics are relevant to professionals in institutions, organizations and public authorities as the basis for, for example, forecasts, analyzes and planning purposes. In addition, several of the statistics results are relevant to interested users for the lighting of sports topics.

### **4.1 User Needs**

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## **4.2 User Satisfaction**

No measurement of user satisfaction has been made. The statistics are established and developed in collaboration with the Ministry of Culture and with a follow-up group with representatives of the major sports organizations, sports research and state actors in sports.

## **4.3 Data completeness rate**

Not relevant for these statistics.

## **5 Accuracy and reliability**

The overall accuracy and reliability of the results of the members' activities of the sports organizations, international medals and attendance is considered to be high, as it is build on register information from central and authoritative sources. For an assessment of the overall accuracy and reliability of the results regarding the Danish sports and sports habits, please refer to the original reports from the Sports Analysis Institute.

### **5.1 Overall accuracy**

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### **5.2 Sampling error**

Not relevant for these statistics. Assessment of sampling errors of results regarding the Danish sports and sports habits, refer to the original reports from the Sports Analysis Institute.

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

Register information about sports activities is based on reports from individual sports associations, and there may therefore be variations in registration practices.



#### **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 are based on key and well-known authoritative sources, and the quality of the results regarding the member activities of the sports organizations, international medals and attendance is considered high as it builds on register information published by organizations who maintain these statistics. A quality assessment of the results regarding Danish sports and sports habits, refer to the original reports from the Sports Analysis Institute. There is not made any real quality assessment of this statistics.

#### **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**

Publications are made annually approximately four months after the end of the reference period. These statistics are published without delay, with reference to the announced time of publication in the release calendar.

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

Statistical data are published approximately 4 months after the end of the reference period.

## **6.2 Punctuality**

These statistics are published without delay, with reference to the announced time of publication in the release calendar.

## **7 Comparability**

Comparison of statistics with other countries in the area is not made. Certain results are comparable to other publications of the original sources, such as the Central Sports Association Register, and results from the Sports Institute's studies of population's sports and exercise habits.

### **7.1 Comparability - geographical**

These statistics are not based on EU legislation and are therefore not compiled according to uniform international guidelines. For that same reason, these statistics are not directly comparable to similar estimates from other countries.

### **7.2 Comparability over time**

There are no data jams in the registry based statistics. For an assessment of the possibilities of over time comparing results from the Sports Institute's studies of Danish sports and exercise habits, refer to the original sources.

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

Certain results can be compared to other publications of the original sources, such as the Central Association Register, Facility Database and results from the Sports Institute's studies of Danish sports and exercise habits.

### **7.4 Coherence - internal**

Not relevant for these statistics.

## **8 Accessibility and clarity**

These statistics are published in the StatBank under [Sports Participation](#) and in the annual publication on Culture.

### **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**

These statistics are published in a Danish press release.

### **8.5 Publications**

Publication only in Danish.

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

The statistics are published in the StatBank under [Sports Participation](#) in the following tables:

- [IDRAKTO1](#): Members of sports organizations by region, activity, sex and age
- [IDRTIL](#): Attendance at selected sporting events by sport and attendance to matches
- [MEDALJE1](#): Danish winners of international sports medals by championship, sports and medal

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

Not available.

### **8.8 Other**

Not relevant for these statistics.

### **8.9 Confidentiality - policy**

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

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

These statistics are published at a level of aggregation that does not necessitate discretion.

### **8.11 Documentation on methodology**

There are no separate documentation on methodology for these 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 these statistics is in Science, Technology and Culture. The person responsible is Henrik Huusom, tel.: + 45 3917 3866, e-mail: hhu@dst.dk.

### **9.1 Contact organisation**

Statistics Denmark

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Research, Technology and Culture. Business Statistics.

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