

**Documentation of statistics for
Sports Participation 2019**

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.

The Danish sports performance is ranked in comparison with the other sports nationals around the world calculated on gold medals, podiums and top-8-rankings.

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 and foreign 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 - Surf and rafting - Sportsactivities at work

In 2019 "Rollerskating" is replayed by "Roller sports"

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.

Discipline by Summer-Olympics-disciplines (the current disciplines for an upcoming Summer-Olympics) Winter-Olympics-disciplines (the current disciplines for an upcoming Winter-Olympics)

Performance by Gold Medal / 1st place medals/ Podium Top-8-rankings (one of the first 8 winners within a given discipline)

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, medals and rank.

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.

Members and population of Christiansø are summed with Bornholm in IDRAKT01 and IDRAKT02.

The rank tables compare the Danish sports performance with other countries.

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. The rank tables are from 2016 and onwards.

2.9 Base period

Not relevant for these statistics.

2.10 Unit of measure

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

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 and rank 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](#).

There are some discrepancies in the membership for 2019 compared to 2018, which relates to the tables IDRAKT01 and IDRAKT02. This is due to the fact that it is the local business sports associations that register how many people exercise at work in their local areas. It is a practice that is underway, with some of the local corporate sports associations registering exercise at the workplace to a greater extent than before. This applies, for example, in the municipality of Lemvig. In addition, the relocation of members between municipalities can be a cause of large member fluctuations, which is the case for Brønderslev and Albertslund in 2019. This is due to the fact that larger national associations during corporate sports are registered under the municipalities where the companies are headquartered.

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.

Medalje1, IDRRES01, IDRRES02 and IDRRANG1 statistics are collected by special extracts from DIF and Gracenote. These are ranked and from this validated by comparison with previous years.

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/medlemstal)]([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/forbund) 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.

IDRKVU01 is based on the Cultural Habits Study, which is why reference is made to its source documentation.
<https://www.dst.dk/da/Statistik/dokumentation/statistikdokumentation/kulturvaneundersogelse/n/statistisk-behandling>

IDRAKT02 is constructed from IDRAKT01 and FOLK1A, why reference is made to the documentation of these two tables. Population are extracted from FOLK1A in the fourth quarter of the relevant year.

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/](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. The medal statistics are reported from the special federations, where the requirement is, that there must be four participating countries in an official championship as a minimum. The Federation of Danish Sports search for duplicates in the reports. The medal statistics does not include junior and veteran medals. The statistics include 'European Games', which was held the first time in 2015, and corresponds to a kind of "Continental Olympic Games".

The rank tables IDRRES01, IDRRES02 are IDRRANG1 are based on special extracts from a relative medal table comparing international sports performance established by Gracenote - A Nielsen Company. The population numbers of the countries taken from the UN website <https://population.un.org/wpp/DataQuery/>

The disciplines of the summer- and winter-Olympics typically change at a new Olympic. Information regarding the relevant disciplines a specific year, refer to the official Olympics website <https://www.olympic.org/sports>

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. Medalje1, IDRRES01, IDRRES02 and IDRRANG1 statistics are collected by special extracts from DIF and Gracenote. These are ranked and from this validated by comparison with previous years.

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. Medal1, IDRRES01, IDRRES02 and IDRRANG1 are checked by comparing medals and sporting events the year in question and in previous years.

3.5 Data compilation

IDRKVU01 is based on the Cultural Habits Survey, which is why reference is made to its data processing documentation.

<https://www.dst.dk/da/Statistik/dokumentation/statistikdokumentation/kulturvaneundersoegelse/n/statistisk-behandling>

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.

Summing up the municipalities in IDRFOR01 doesn't give "All Denmark". This is because associations / memberships outside the municipalities are not included in any specific municipality, but only in "All Denmark" (Whole Country).

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.

IDRRES01, IDRRES02 and IDRRANG1 compare the Danish results internationally with the other athlete nations over a given year, based on the official Olympic disciplines for the upcoming Olympics. The disciplines in these tables will change every four year, depending on which ones are added and subtracted. The Olympic-disciplines, which are in the program during the Summer- and Winter-Olympics, is a measure Team Denmark (TD) and the Danish Sports Federation (DIF) normally use, when studying Denmark's performance internationally.

The disciplines of the Summer- and Winter-Olympics typically change at a new Olympic. Information regarding the relevant disciplines a specific year, refer to the official Olympics website <https://www.olympic.org/sports>

When it is not an Olympic year, the results from the World Championships in the Olympic-disciplines are used instead. In disciplines where there is no World Championship, results from the World Cup will be used instead. In other cases, results are included from the latest World Championship in the specific discipline. The results are processed, so that the number of medals and the number of participants per nation is similar to the one at the Olympics.

Performance are calculated in gold medals, podium (number of medals) and based on the top-8 places within a discipline (tTp-8). The Top-8 provides a larger database, hereby securing a more robust goal when nations performances between are compared. This is necessary with smaller nations winning a limited amount of medals at the Olympics or World Championship.

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

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.

4.2 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, ranks 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

The overall accuracy and reliability of the results of the members' activities of the sports organizations, international medals, rank 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, refer to the original reports from the Sports Analysis Institute.

In the attendance statistics, 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.

IDRKVU01 is based on the Cultural Habits Survey, which is why reference is made to its documentation for the precision of the sample.
<https://www.dst.dk/da/Statistik/dokumentation/statistikdokumentation/kulturvaneundersoegelse/n/praecision-og-paalidelighed>

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.

There are some discrepancies in the membership for 2019 compared to 2018, which relates to the tables IDRAKTO1 and IDRAKTO2. This is due to the fact that it is the local business sports associations that register how many people exercise at work in their local areas. It is a practice that is underway, with some of the local corporate sports associations registering exercise at the workplace to a greater extent than before. This applies, for example, in the municipality of Lemvig. In addition, the relocation of members between municipalities can be a cause of large member fluctuations, which is the case for Brønderslev and Albertslund in 2019. This is due to the fact that larger national associations during corporate sports are registered under the municipalities where the companies are headquartered.

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 in the following tables:

- [IDRVAN01](#): Adults sporting activities by sex and age, sports and time
- [IDRVAN02](#): Adults sporting activities by sex and age, participation and time
- [IDRVAN03](#): Sports active adults sporting activities by sex and age, frequency and time
- [IDRVAN04](#): Sports active adults sporting activities by sex and age, time usage and time
- [IDRVAN05](#): Adults sporting activities by sex and age, organisation and time
- [IDRVAN06](#): Adults sporting activities by highest education completed, participation and time
- [IDRVAN07](#): Adults sporting activities by region, participation and time
- [IDRVAN08](#): Adults sporting activities by socioeconomic status, participation and time
- [IDRVAN09](#): Childrens sporting activities by age and sex, sports and time
- [IDRVAN10](#): Childrens sporting activities by age and sex, participation and time
- [IDRVAN11](#): Sports active childrens sporting activities by age and sex, frequency and time
- [IDRVAN12](#): Sports active childrens sporting activities by age and sex, time usage and time
- [IDRVAN14](#): Childrens sporting activities by age and sex, parental background and time
- [IDRVAN13](#): Childrens sporting activities by age and sex, organisation and time
- [IDRKVU01](#): Individuals' use of sport activities within the past three months by sport activity and age and sex
- [IDRRSO1](#): Sports results in olympic disciplines by dicipline, country and performance
- [IDRRSO2](#): Sports results in olympic diciplines by dicipline, country and comparative performance
- [IDRRANG1](#): Overall rank in olympic disciplines by discipline, country, performance and rank

Medals

- [MEDALJE1](#): Danish winners of international sports medals by championship, sports, medal and time

** Members of sports organizations **

- [IDRAKT01](#): Members of sports organizations by region, activity, sex, age and time
- [IDRAKT02](#): Memberships of sports organizations (share of population) by region, sex, age and time

** Attendance **

- [IDRTILO1](#): Attendances at selected sportsevents by sport, attendances and matches and time

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

9.2 Contact organisation unit

Research, Technology and Culture. Business Statistics.

9.3 Contact name

Søren Østerballe

9.4 Contact person function

Responsible for the statistics

9.5 Contact mail address

Sejrøgade 11, 2100 Copenhagen

9.6 Contact email address

srb@dst.dk

9.7 Contact phone number

+45 3717 3525

9.8 Contact fax number

+45 39 17 39 99