

Documentation of statistics for ICT Use in Enterprises 2026

1 Introduction

The purpose of the statistics is to shed light on the use of ICT in enterprises, including e-commerce and benefits/barriers to the use of ICT technologies. The survey is harmonized with the EU model questionnaire, which is used in most member states. The statistics form part of Statistics Denmark's focus on the information society. The survey has been carried out annually since 1998.

2 Statistical presentation

The statistics are published annually and describes the use of ICT in enterprises in Denmark. The following areas are covered: The prevalence and use of ICT, including ICT technologies and e-commerce. A considerable number of variables are replaced each year as a result of the development in user needs and new technology. The survey covers enterprises with more than 10 employees in the private, non-financial urban industries.

2.1 Data description

Some questions are included in the questionnaire every year, such as enterprises e-commerce sales, websites and access to the internet. Other questions are repeated after few years, e.g. the enterprises' use of digital business solutions (ERP and CRM software), artificial intelligence and ICT security measures. Finally, in 2026 there are new questions regarding suppliers of Cloud Computing, as well as enterprises' use of Digital Post and MitID. A considerable number of variables are replaced each year as a result of the development in user needs and the need to measure new technology. In the 2026 survey, the statistics cover the following main topics related to ICT usage and e-commerce in enterprises:

- Access to the internet
- e-Commerce sales
- ICT specialists and skills
- Data utilisation, sharing and analytics
- Artificial Intelligence
- Cloud computing
- ICT Security
- ICT related security incidents
- Datatypes
- E-government services
- Investments in digital technology
- Use of satellite based services

The population is defined as enterprises in the private non-agricultural industries (except Mining and quarrying and Financial and insurance activities) with at least 10 full-time employees is determined by EU regulation. In 2019 and 2021 the population also covers microenterprises with 5-9 employees. The following industries are included in the population: Manufacturing and utilities, Construction and civil engineering, Trade, transport, accommodation and restaurants, IT and media, Business services and repair of consumer goods.

2.2 Classification system

Survey results are reported by activity and size class. From 2026, the applied activity nomenclature is Danish Industrial Classification 2025 (DB25), internationally NACE Rev. 2.1. In the period 2008-2025, the applied activity nomenclature is Danish Industrial Classification 2007 (DB07), internationally NACE Rev.2. In the period 2004-2007, the applied activity nomenclature is Danish Industrial Classification 2003 (DB03). By activity groupings, Statistics Denmark's standard groupings are applied. For further information, see [Danish industrial classification](#).

In the StatBank, the size of the enterprise is defined by the number of full-time employees, divided into groups 10-49, 50-99, 100-249 and 250+ full-time employees. Information regarding microenterprises with 5-9 full-time employees (2019-2024) can be found in the tables ITAV10 and ITAV11 in the StatBank.

2.3 Sector coverage

The survey covers private, non-financial enterprises, excluding primary activities such as agriculture, forestry and fishing, mining and quarrying. The financial sector is only covered in the reference periods 2005-2010.

2.4 Statistical concepts and definitions

Use of 3D printing: Use of 3D printing - also called additive layer manufacturing - refers to the use of special printers either by the enterprise itself or the use of 3D printing services provided by other enterprises for the creation of three-dimensional physical objects using digital technology.

Cloud Computing: Cloud computing refers to ICT services that are used over the internet to access software, computing power, storage capacity etc., where the services have all of the following characteristics: i) are delivered from servers or service providers, ii) can be easily scaled up or down, iii) can be used on-demand by the user, at least after the initial set-up, iv) are paid for, either per user, by capacity used, or they are pre-paid.

E-commerce sale : E-commerce sale is the sale or purchase of goods or services conducted over the internet or other computer networks. Orders placed by e-mail are not included. The payment and delivery of the goods or services do not have to be conducted online. E-commerce covers: i) web e-commerce, i.e. orders made at an online webshop or via web forms on the internet or extranet, and ii) EDI e-commerce, i.e. orders placed through electronic transmission of EDI-type business messages allowing for automatic processing and without the individual message or order being manually typed. EDI e-commerce in practice is business-to-business e-commerce.

GPS and satellite-based services: Satellite-based services include the use of signals and data from satellites, e.g. navigation signals, positioning signals, GPS signals, satellite images or communications outside internet coverage through satellites. GPS is included only in cases where the use is integrated with the enterprise's ICT-systems, or where the data generated is subsequently processed further (e.g. for fleet management or driving records).

Internet of Things (IoT): The Internet of Things (IoT) refers to interconnected devices or systems, often called "smart" devices or systems. They collect and exchange data and can be monitored or remotely controlled via the Internet. Examples of usage are: i) Smart thermostats, smart lamps or smart meters. ii) Radio Frequency Identification (RFID) or Internet Protocol (IP) tags applied or incorporated into a product or an object in order to track them. iii) Sensors for tracking the movement or maintenance needs of vehicles monitored over the Internet.

Machine learning and artificial intelligence: Machine learning and artificial intelligence includes the use of computer software, which with a starting point in data "thinks", analyzes, problem solves and forms connections in patterns, for instance images, audio and text. It may include computer generated annual report, chat bots or automated marketing.

Use of robotics: An industrial robot is an automatically controlled, reprogrammable, multipurpose manipulator programmable in three or more axes, which may be either fixed in place or mobile for use in industrial automation applications. A service robot is a machine that has a degree of autonomy and is able to operate in complex and dynamic environment that may require interaction with persons, objects or other devices, excluding its use in industrial automation applications. Software robots (computer programs) is out of the scope in the survey.

2.5 Statistical unit

Enterprise.

2.6 Statistical population

The population is private, non-financial urban industries with 10 or more employees.

2.7 Reference area

Denmark.

2.8 Time coverage

1998-

2.9 Base period

Not relevant for this statistics.

2.10 Unit of measure

Percent of enterprises and percent of revenue.

In the StatBank table ITAV22, ITAV23, ITAV24, ITAV26, ITAV27, ITAV28, ITAV29 and ITAV30. are specified the percentage of enterprises that either have answered "Yes" or "No" to a question (categorical variable). There are enterprises that have not answered all questions, so the sum of the categories "Yes" and "No" does not total up to 100 percent.

In the StatBank table ITAV25, enterprises e-sales are stated as percentage of the year's turnover. Enterprises annual turnover is obtained from the latest version of the Business Register.

2.11 Reference period

The reference period is January of the same year (for some variables the previous calendar year, e.g. for variables on e-Commerce sales).

2.12 Frequency of dissemination

The survey is published annually.

2.13 Legal acts and other agreements

The Act on Statistics Denmark (Lov om Danmarks Statistik), cf. Order no. 15 of 12 January 1972, as amended by Act no. 386 of 13 June 1990, Act no. 1025 of 19 December 1992, Act no. 295 of 2 May 2000 and Act no. 610 of 30 2018.

EU Commission Regulation (EC) No 960/2008. From 2006 the survey is a part of the EU regulation on statistics on the Information Society (EC regulation No. 808/2004). The regulation is extended in Regulation (EC) No 2022/1344.

2.14 Cost and burden

The reporting burden is set at 1.881 hours for 2201 enterprises with 10 or more persons employed that have answered the question concerning time consumption (total sample was 4.010 enterprises). It gives an average time per enterprise of about 51 minutes.

Questionnaire: [ICT usage and e-commerce in enterprises 2026](#).

The sample size is regulated to minimize the number of enterprises that are burdened while still adhering to quality demands from Eurostat. For this reason the 2024-2026 sample is reduced by around 450 enterprises compared to 2023.

2.15 Comment

Find information on the subject website about [ICT usage in enterprises](#). Additional information can be obtained from Statistics Denmark.

3 Statistical processing

The statistic is annual and questionnaire-based. Validation includes consistency checks built into the digital form, combined with subsequent checks and possible re-contact to reporting enterprises. The published results are grossed up to population level. Stratification is based on activity and enterprise size class.

3.1 Source data

The survey covers enterprises in the private, non-financial urban industries with at least 10 full-time employees. In 2019 and 2021 the population also covers microenterprises with 5-9 full-time employees. The survey is based on questionnaire information from a sample of enterprises. The sample is stratified by industry groups and size (defined by number of full-time employees). A take-all approach is used for enterprises with at least 100 employees and in the NACE category 95.10. In the years before 2026, when the Danish Industrial Classification 2007 (DB07) was used, all enterprises within the industry categories 47.91.10-47.91.20 and 95.10-95.19 have been selected for the sample.

Information is [reported digitally](#).

The survey covers enterprises in the private, non-financial urban industries with at least 10 full-time employees. The sample included 4.152 enterprises in 2026, and of these 3.244 units also extended to the 2025 sample, i.e. 78.1 percent of the sample in 2026 are repeats from last year. The net sample included 4.120 enterprises, and there were 4.010 responses. In the net sample, enterprises that are closed or bankrupt are deducted.

For the calculation of E-sales share of total revenue, information from the Business Register (ESR) is used.

3.2 Frequency of data collection

Yearly.

3.3 Data collection

Digital reporting via the form. The form can be seen [here](#).

3.4 Data validation

A number of checks and validation mechanisms as well as reporting aides for the reporter's understanding of the questionnaire are built into the digital form. This includes among other things checks on sum totals of quantitative fields (e.g. that reported percentages add to 100 per cent) as well as filter and routing mechanisms (e.g. so that information cannot be reported in fields, where the enterprise should not provide any information and that questions can't be answered in ways that contradict other answers).

Once data is received by Statistics Denmark a number of additional checks are performed. These are performed in part at macro level, where e.g. the results for a given variable for an activity group or size class are compared to the ones from the previous survey period. Further validation is carried out at micro level, i.e. at the level of the individual enterprise. This is done for a subset of enterprises determined by deviations from previous years answers and size of the enterprise. This includes e.g. comparison of the reported e-commerce figures with those reported previously. In both macro and micro level validation background information from Statistics Denmark's Statistical Business Register is used. Finally, in addition to this, checks involve identifying outliers, i.e. reported data with extreme values, for certain variables. In some cases validation results in recontacting the reporting enterprise for a clarification of the reported data.

3.5 Data compilation

The published results are raised to the level of the population.

A stratified random sampling is used on the basis of the activity of the enterprise and the number of employees. By grossing up a weighting and calibration using regression techniques is applied to the weight of the individual enterprise. The calibration of the weights is changed in 2026 to a reduced model. The purpose is to achieve more robust and stable weights. The change has only had a limited impact on the overall results, which are generally unchanged compared to the previous method. The new model also ensures that no enterprise represents less than 0.5 companies in the grossing up. The grossing up continues by enterprise size and industry. Imputation is not used, neither in the case of partially lacking information from the enterprise (item non-response), nor in the case of completely lacking reporting from an enterprise (unit non-response). The latter, instead, is handling through reweighting as part of the grossing up procedure.

3.6 Adjustment

No further corrections are undertaken than those already described under validation and treatment.

4 Relevance

The results are used by ministries, organizations, researchers and journalists etc., as a basis for political interventions, analyses, articles and research projects etc. A considerable number of variables are replaced each year as a result of the development in user needs and the need to measure new technology. The on-going development of the survey contents takes place in close dialogue with national stakeholders as well as in the European Union fora. The statistics is co-funded by the European Union.

4.1 User Needs

In general there is substantial interest in the survey results from ministries, organizations, researchers and journalists etc. A considerable number of variables are replaced each year as a result of the development in user needs and the need to measure new technology. The statistics is co-funded by the European Union.

4.2 User Satisfaction

Dialogue with national stakeholders takes place, among other things, in Statistics Denmark's Contact Committee for the digital society. The on-going development of the survey contents takes place in close dialogue with national stakeholders as well as in EU forums.

4.3 Data completeness rate

Requirements in regulation and guidelines are met.

5 Accuracy and reliability

The results from the survey for enterprises with at least 10 full-time employees are based on data from 4,010 enterprises from a total population of 18,256 enterprises. The survey is sample based and consequently there is some uncertainty in the results in the form of random variation from the branch and enterprise size. Every year uncertainty calculations are produced, and these show that the sampling uncertainty is limited.

5.1 Overall accuracy

The total uncertainty concerns primary unit and item non-response - both of which only to a limited extent affect the uncertainty of the survey results. The enterprises' responses were collected from January to July 2026. The response rate for the survey is very high (approx. 97 per cent).

5.2 Sampling error

The results are based on data from 4,010 enterprises from a total population of 18,256 enterprises with 10 or more persons full-time employed. The overall response rate is 97 percent.

Every year uncertainty calculations are produced, and these show that the sampling uncertainty is limited. Examples of variables from the survey 2026, with estimated share of enterprises and associated 95 percent confidence interval, lower and upper:

· Enterprises with websales (total): 40 pct. (38; 42) · Enterprises having a website (total): 94 pct. (93; 95) · Enterprises using ERP: 72 pct. (70; 74)

Put differently, the above implies that the share of enterprises with websale, with a probability of 95 percent, is between the lower and upper share in brackets above (38; 42), but that the estimated share in the statistics is the percentage prior to the brackets (40 percent).

For categorical variables in the 2026 survey published results, the absolute sampling error is at most 2%, with a 95 percent statistical confidence interval for the entire population.

Uncertainty is higher when breaking down by activity or size class. For categorical variables, results for subgroups (main branch crossing with enterprise size) are published in the StatBank if the absolute uncertainty is below 7.5 percent associated by 95 percent confidence interval.

5.3 Non-sampling error

Other uncertainty relates to unit and item non-response, and this is in both cases limited in scale.

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 population covers private enterprises with 10 or more persons employed. The population covers private, non-financial enterprises (the financial sector is covered in the reference periods 2005 to 2010).

The net sample in 2026 consists of 4,120 enterprises from a total population of 18,256 formed the sample for the survey of enterprises with 10 or more persons employed. As all enterprises with 100 or more employees are in the sample, the coverage of activity (number of employees and turnover) is substantially higher. The sample is stratified by activity and size class. The response rate for the survey is very high (approx. 97 per cent).

The survey is questionnaire based, and data is collected by digital reporting through virk.dk. Validation comprises macro and micro validation and some extent of recontact with enterprises.

In the survey design, each observation will represent more elements in the population. The weights assigned to each observation are calculated using generalising regression estimates.

Statistical uncertainty is calculated. The answer rate is high, while the extent of item non-response is limited.

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 data are published. The data are not subject to revision.

6 Timeliness and punctuality

The statistics are published seven months after the end of the reference period. Only final data are published. Results are published in September, where the reference period is January (and, for some variables, the previous calendar year).

6.1 Timeliness and time lag - final results

The statistics are published seven months after the end of the reference period. Only final data are published. Results are published in September, where the reference period is January (and, for some variables, the previous calendar year).

6.2 Punctuality

The statistics are usually published without delay in relation to the scheduled date. This also applies to data transmissions to Eurostat.

7 Comparability

The survey is harmonized with the EU model questionnaire, which is used in most member states. A large number of questions in the survey are replaced annually, so there is not a continuous time series for all the results.

7.1 Comparability - geographical

The survey is harmonized with the EU model questionnaire, which is used in most member states, and the results are therefore generally comparable.

7.2 Comparability over time

By comparisons over time, the following changes should be taken into account. The StatBank, have results from 2004 onwards for enterprises with at least 10 full-time employees.

For some items the wording of questions and answers are adjusted over time.

Enterprise size classes covered in the survey over time:

- 2026: 10+ employees
- 2025: 10+ employees
- 2024: 10+ employees
- 2023: 10+ employees
- 2022: 10+ employees
- 2021: 10+ employees and 5-9 employees (enterprises with 5-9 employees received a reduced version of the questionnaire)
- 2020: 10+ employees
- 2019: 10+ employees and 5-9 employees (enterprises with 5-9 employees received a reduced version of the questionnaire)
- 2018: 10+ employees
- 2017: 10+ employees
- 2016: 10+ employees and 5-9 employees
- 2004-2015: 10+ employees
- 2000-2002: 5+ employees
- 1999: 10+ employees
- 1998: 20+ employees

Change in industry coverage: From 2021 veterinarians are included.

Notable changes in the industry coverage: The financial sector is only included in 2005-2010.

Change in industry nomenclature and industry groups: The 2026 survey introduced the new industry nomenclature, DB25.

Change in industry nomenclature and industry groups: The 2008 survey introduced the new industry nomenclature, DBO7. The difference in relation to the previous industry nomenclature, DBO3, is described in more detail in the Annual publication [Danish enterprises' use of IT 2008](#).

Weighting results: The calibration of the weights has been changed in 2026 to a reduced model. The aim is to achieve more robust and stable weights. The change has only had a limited impact on the overall results, which are generally unchanged compared to the previous method.

Weighting results: The published results in 1998 and 1999 were not raised to the total population at the publishing. Figures from 1999 have subsequently been raised for later publications.

7.3 Coherence - cross domain

Statistics Denmark also produces statistics on the ICT usage by households and individuals.

7.4 Coherence - internal

A number of checks and validation mechanisms as well as reporting aides for the reporter's understanding of the questionnaire are built into the digital form. This includes among other things checks on sum totals of quantitative fields (e.g. that reported percentages add to 100 per cent) as well as filter and routing mechanisms (e.g. so that information cannot be reported in fields, where the enterprise should not provide any information).

8 Accessibility and clarity

News from Statistics Denmark and the main results are available in Danish on Statistics Denmark's homepage at the address [Statistics Denmark's homepage](#).

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

Most recent publications can be found at [Most recent publications](#).

8.5 Publications

No publications have been scheduled.

8.6 On-line database

The statistics are published in the StatBank under the subject [ICT in enterprises](#). From 2026 and forward the following tables are active:

- [ITAV22](#): Enterprises' access to the internet
- [ITAV23](#): Enterprises' use of websites and social media
- [ITAV24](#): Share of enterprises with e-commerce
- [ITAV25](#): Enterprises' percentage of turnover due to e-commerce
- [ITAV26](#): Enterprises' it security and incidents
- [ITAV27](#): Enterprises' use of cloud computing
- [ITAV28](#): Enterprises' use artificial intelligence
- [ITAV29](#): Enterprise use of business software and satellite-based services
- [ITAV30](#): Enterprise access to IT skills

8.7 Micro-data access

The basic material (questionnaires and database) is stored for a number of years. Researchers and other analysts from authorized research institutions can be granted access to the underlying micro data by contacting [Denmark's Data Portal](#).

8.8 Other

Results are transmitted annually to Eurostat. The statistics are published in tables in Eurostat's [database](#).

8.9 Confidentiality - policy

For a description of Statistics Denmark's policy on confidentiality, see (<https://dst.dk/Site/Dst/SingleFiles/GetArchiveFile.aspx?fi=formid&fo=datafortrolighed&ext={2}>).

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

More detailed documentation about the methodology is available in the report from the survey in 2018 (in Danish) [Danske virksomheder er i EU's digitale top](#).

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 the division of Science, Technology and Culture, Business Statistics. The contact person is Anton Lyngvold Erenbjerg, tel.: + 45 2014 5790 and e-mail: AEL@dst.dk.