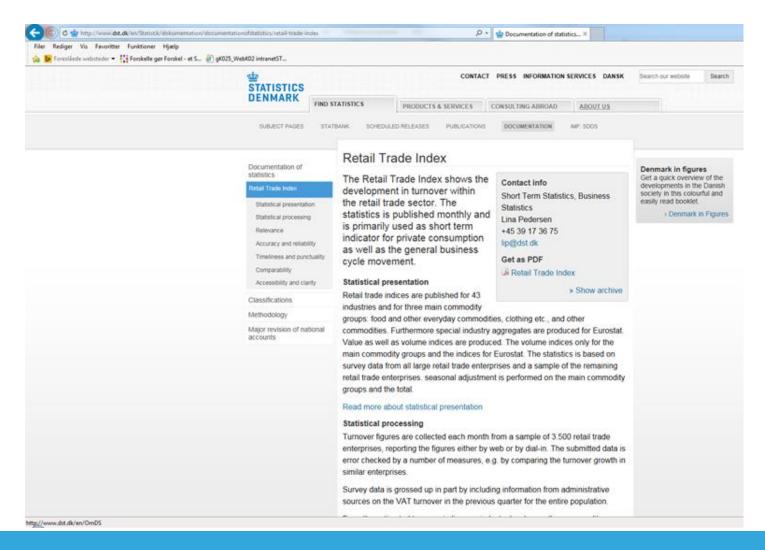# Quality reports step by step

Component A: Quality Management of Official Statistics
Activity A.3: Quality reports, tools and methods
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Documentation of statistics on www.dst.dk

Content of the quality declarations

1 Introduction (s2): **(s.2) 1. מבוא לנושא**

2 Statistical presentation (s4): **(s.4)2. הצגת הסטטיסטיקה**
2.1 Data description (s4.1):
2.2 Classification system (s4.2):
2.3 Sector coverage (s4.3):
2.4 Statistical concepts and definitions (s4.4):
2.5 Statistical unit (s4.5):
2.6 Statistical population (s4.6):
2.7 Reference area (s4.7):
2.8 Time coverage (s4.8):
2.9 Base period (s4.9):
2.10 Unit of measure (s5):
2.11 Reference period (s6):
2.12 Frequency of dissemination (s10):
2.13 Legal acts and other agreements (s7.1):
2.14 Cost and burden (s19):
2.15 Comment (s22):

Challenges on statistical presentation

- ## 2.1 Data description (s4.1):
  - Too detailed – even the more advanced users do not read too long texts
  - Too short –it is important to tell about the contents – give enough information for the user to know what it can be used for
- ## 2.4 Statistical concepts and definitions (s4.4):
  - Give a definition of the most important concepts of this statistical product – not all the variables of the product
- ## 2.6 Statistical population (s4.6):
  - This is the population you want to give information about by this statistical product

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Content of the quality declarations

3 Statistical processing (s21):   *3. עיבוד סטטיסטי (s.21)*

3.1 Source data (s21.1):

3.2 Frequency of data collection (s21.2):

3.3 Data collection (s21.3):

3.4 Data validation (s21.4):

3.5 Data compilation (s21.5):

3.6 Adjustment (s21.6):

4 Relevance (s14): **4(s.14) רלוונטיות**

4.1 User Needs (s14.1):

4.2 User Satisfaction (s14.2):

4.3 Data completeness rate (s14.3):

Challenges on statistical processing

- 3.4 Data validation (s21.4):
  - Too short – you do nothing to detect errors
  - Too long – a detailed description of every step of yu validation procedure
  - Tell on an overall level what is done to validate the data
- 3.5 Data compilation (s21.5):
  - Explain what is done with the data from data comes in till you have your disseminated product

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Challenges on relevance

- 4.1 User Needs (s14.1):
  - Not relevant for these statistics
  - It is always!

- 4.2 User Satisfaction (s14.2):
  - You can probably say something about the user satisfaction even if a user satisfaction survey was not conducted

Contents (cont.)

Challenges on accuracy and reliability

- 5.1 Overall accuracy (s15.1):
  - It is not enough to say that this product has high quality!
- 5.2 Sampling error (s15.2):
  - Not necessarily for all variables – most important
- 5.3 Non-sampling error (s15.3):
  - Not relevant for these statistics – never true!
  - Often the non-sampling errors will dominate the sampling error, but they can be more difficult to quantify
  - Supported by a number of QPIs

Contents (cont.)

Challenges on comparability

- 7.1 Comparability - geographical (s17.1):
  - Even if you have not done the comparison to other countries – it can be compared to what other countries have of statistics in this area
- 7.2 Comparability over time (s17.2):
  - If there has been a lot of changes over time – it is nice to know what the changes are – but also what impact this might have if the user wants to compare the statistics over time

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Contents (cont.)

9 Contact (s1): **9. (**s.1**) פרטי קשר**

9.1 Contact organisation (s1.1):

9.2 Contact organisation unit (s1.2):

9.3 Contact name (s1.3):

9.4 Contact person function (s1.4):

9.5 Contact mail address (s1.5):

9.6 Contact email-address (s1.6):

9.7 Contact phone number (s1.7):

9.8 Contact fax number (s1.8):