Activity 3.4: Development of Quality Declarations - I

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Overall schedule for this week
جدول عمل الأسبوع الحالي

Tuesday:
Morning:
Presentation of a draft Quality declaration for Economic Survey, DoS

Discussion of the draft Quality declaration

Afternoon:
Presentation of how Statistics Denmark uses Quality declarations in dissemination

Wednesday:
Morning:
Feed back on the draft Quality declaration for Economic Survey

Presentation of a draft Quality declaration for National Accounts, DoS

Discussion of the draft Quality declaration with National Accounts staff

Afternoon:
Training course in Quality declarations, input to an agenda from Statistics Denmark

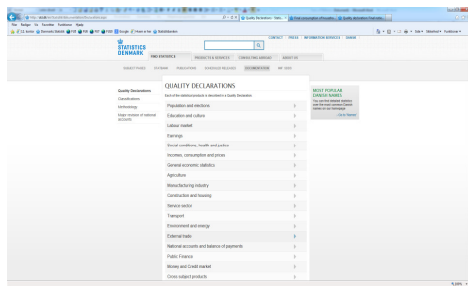Discussions of IT challenges with publishing Quality declarations on DoS homepage, IT and dissemination staff participation

Thursday:
Suggestions to the agenda for the next mission in august
Conclusions and recommendations

A tour on the Danish web page

- www.dst.dk

Future Quality declarations in SD

- A one page front, gives an overview
- 7 questions
- Sims definition
- In a language that is understandable for everyone (users need)
- Dissemination division review the content

1st half of the QD front page

SIMS ID	SIMS name	GSBPM phase	SIMS Description	ESS Guidelines	DST guidelines
			Generel fase: udfyldes når som helst		
5.1	Contact / Administrative oplysninger	-	Individual or organisational contact points for the data or metadata, including information on how to reach the contact points.	N/A	Til forsiden som "Administrative oplysninger": kort beskrivelse med bl.a. kontaktoplysninger
5.4	Statistical presentation / Indhold	(1-2)	Description of the disseminated data which can be displayed to users as tables, graphs or maps.	N/A	Til forsiden som "Indhold": Kort sammenfatning af indholdsbeskrivelse og indsamlingsbeskrivelse. Importeret fra 1.1 Indholdsbeskrivelse. Husk at rette til, og holde det korttfattet!
5.2	Introduction / Indledning	1.2	A general description of the statistical process and its outputs, and their evolution over time.	Describe briefly the statistical PROCESS generating the data in question, the broad statistical domain to which the outputs belong, the related statistical OUTPUTS as well as the boundary of the quality report at hand and references to related quality reports.	Til forsiden som "Indledning": Formål og historie i KORT sammenfattet form. Se mere i forside-guide for "Indledning". Også importeret fra 0.4 Formål og historie
5.15	Accuracy and reliability / Usikkerhed og pålidelighed	6.3	Accuracy: closeness of computations or estimates to the exact or true values that the statistics were intended to measure. Reliability: closeness of the initial estimated value to the subsequent estimated value.	N/A	Forsidetekst til "Usikkerhed". Her beskrives statistikkens usikkerhed. Her lægges især vægt på usikkerhedens betydning for brugerne, når de skal anvende tallene. Også importeret fra både 3.2 Usikkerhedskilder og 3.3 Tal for usikkerhed i gammel KD. Det er især vigtigt at rette dette felt til, så det passer til en forsidetekst, idet der er flere usikkilder her

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2nd half of the QD front page

SIMS ID	SIMS name	GSBPM phase	SIMS Description	ESS Guidelines	DST guidelines
			Generel fase: udfyldes når som helst		
5.17	Comparability / Sammenlignelighed	6.3	Measurement of the impact of differences in applied statistical concepts, measurement tools and procedures where statistics are compared between geographical areas or over time.	N/A	Forsidetekst til "Sammenlignelighed". Her beskrives kort statistikkens sammenlignelighed. Det vigtigste emne sæt fra et brugersynspunkt er det tidsmæssige aspekt. Er der fx brud i tidsserier, skal brugerne informeres om dette. Et andet vigtigt aspekt er mulighederne for at kunne sammenligne med tal fra andre lande.
5.11	Dissemination format, Accessibility and clarity / Tilgængelighed	7.2	Media, various means and formats by which statistical data and metadata are disseminated to users and their accessibility. Accessibility and clarity refer to the simplicity and ease, the conditions and modalities by which users can access, use and interpret statistics, with the appropriate supporting information and assistance.	N/A	Forsidetekst til "Tilgængelighed". Her beskrives de vigtigste offentliggørelser, herunder statistikbanken. Hvis statistikken har en hjemmeside henvises der også til den herfra. Også importeret fra 5.1 Distributionskanaler. Det er vigtigt at rette denne så den passer til en forsidetekst.
5.16	Timeliness and punctuality / Til og punktlighed	7.3	T: Length of time between data availability and the event or phenomenon they describe. P: Time lag between the actual delivery of the data and the target date when it should have been delivered.	N/A	Forsidetekst til "Til". Her redegøres for statistikkens udgivelsestider og punktlighed.

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Quality declarations has 3 levels in SD

- Level 1: Press releases
- Level 2: A one page overview
- Level 3: The detailed Quality declaration

Quality declarations begins with a press release

Text box in the press release

More information

Link to dissemination database

Link to Quality declaration

Sources and methods

Next scheduled dissemination

Contact information

Suggestions to guidelines in DoS

- Useful in training courses
- New staff
- Update of Quality declaration

DoS own guidelines

Recommendations

Henrik Sejerbo Sørensen &
Lars Thygesen

Key findings

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Checklist for Data Quality Assurance

- The checklist was tested successfully for the Agricultural Employment Survey
- The checklist proved to be useful for statistics in general

- Recommendation: Use checklist for all new statistics and for new waves of existing surveys

Quality Declarations

- Draft template agreed during activity 3.3
- Template successfully tested for Economic Surveys
- The draft QD was discussed and compared with content of Danish QD
- Amendments proposed and discussed

- Template ready to use in existing and upcoming statistics
- Recommendation: Develop comprehensive guidelines for content of each item

Producing Quality Declarations

- Complete QD for Economic Surveys
  - Split in 5 surveys
  - If you send them, SD will review them shortly
- DoS should draft QD for
  - Quarterly National Accounts
  - Annual National Accounts
  - Input-Output Tables (when these are produced, 2 years?)
- Granularity: One QD for each statistical product:
  - Similar or common source
  - Published as one product
  - Probably 100-200 QDs

Training course in Quality Declarations

Proposed elements in a one-day course, max. 20 participants (heads of divisions, who will then train their staff):

1. What is quality? Quality dimensions (short introduction)
2. The quality checklist and its application (short introduction)
3. What is important for users to know about your products?
4. The quality declaration template (short introduction)
5. Thorough explanation of each of the items with examples, based on written guidelines (3 hours?)
6. Practical exercise: try to fill in selected items

After the course:
Home work: submit a draft QD for each product
Reviewed by the Quality Division

Publishing the Quality Declarations

- Establish dedicated area for QD on DoS web site
- Store QD in simple format like PDF
- Link to QD in Press releases
- Link to QD from tables and databases

- Long term: include QD in a comprehensive metadata system

Updating

- Each QD must be updated by the responsible statistician before publishing each new wave of the statistical product (e.g. Economic Surveys, Quarterly National Accounts…)

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Program for next mission (August)

- Review final drafts of QD for
  - 5 economic surveys
  - Quarterly National Accounts
  - Annual National Accounts
  - and maybe a few other statistics
- Population Census:
  - SD to present a QD from EU
  - DoS to present elements of QD for the Jordan Census
- Review experience from training course
  - Report from quality team
  - Interview with participants
- Review of presentation of QD on DoS web site
  - Test version by Electronic Dissemination Division, incl. at least two real QDs
- Seminar with key users about QD

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