

Archiving

Preserving the present for the future

 STATISTICS
DENMARK



Archiving questions to consider

- What?
- Why?
- Who?
- Where?
- When?
- How?
- How long?

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2

Traditional archiving



Today's archiving



Archiving – What?

- Published information
 - Books 1800s -
 - PDF: 1990s –
 - Homepage 1995 –
 - HTML tables
 - Output database
 - Revisions

Crawler frequency

- Monthly:
 - Snapshot of site and all pages www.dst.dk and www.dst.dk/uk
 - Snapshot of database interface (site and pages) www.statistikbanken.dk and www.StatBank.dk
- Weekly:
 - [Economic key figures](#)
- Daily:
 - dst.dk, front page: Danish and English versions
- 3 times daily:
 - [IMF figures](#)

What about?

- Data in the internet database
- Preliminary figures that become final
- Errors that are corrected
- Automatically updated web publications
- Responsive web – special editions for tablets / mobile devices?
- App's?
-

Revisions

- Marking preliminary figures
- Saving preliminary figures
- Making series of preliminary figures public

How – OECD

MEI Original release data and revisions

Country: Australia									
Variable: Index of industrial production									
Frequency: Monthly									
Time	September 2012	October 2012	November 2012	December 2012	January 2013	February 2013	March 2013	April 2013	
Jan-2010	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.2
Feb-2010	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.6
Mar-2010	106.6	106.6	106.6	106.7	106.6	106.6	106.6	106.6	106.1
Apr-2010	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.9
May-2010	110.2	110.2	110.2	110.3	110.2	110.2	110.2	110.2	109.7
Jun-2010	110.3	110.3	110.3	110.3	110.3	110.3	110.3	110.3	111.3
Jul-2010	110.4	110.4	110.4	110.4	110.4	110.4	110.4	110.4	110.8
Aug-2010	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	112.4
Sep-2010	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.8
Oct-2010	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9
Nov-2010	114.4	114.4	114.4	114.5	114.4	114.4	114.4	114.4	114.7
Dec-2010	115.4	115.4	115.4	115.4	115.4	115.4	115.4	115.4	115.7
Jan-2011	117.6	117.6	117.2	117.2	117.2	117.2	117.2	117.2	116.9
Feb-2011	117.9	117.9	117.1	117.1	117.1	117.1	117.1	117.1	116.1
Mar-2011	118.5	118.5	117.6	117.6	117.6	117.6	117.6	117.6	116.8
Apr-2011	119.9	119.9	119.0	119.0	119.0	119.0	119.0	119.0	117.7
May-2011	119.0	119.0	119.0	119.0	119.0	119.0	119.0	119.0	117.2
Jun-2011	119.2	119.2	119.0	119.1	119.0	119.1	119.1	119.1	116.9
Jul-2011	118.6	118.6	117.6	117.6	117.6	117.6	117.6	117.6	118.2
Aug-2011	119.9	119.9	119.1	119.1	119.1	119.1	119.1	119.1	118.3
Sep-2011	118.3	118.3	117.9	117.9	117.9	117.9	117.9	117.9	118.9
Oct-2011	118.0	118.0	118.9	118.9	118.9	118.9	118.9	118.9	116.3
Nov-2011	118.4	118.4	117.9	117.9	117.9	117.9	117.9	117.9	117.8
Dec-2011	114.7	114.7	115.5	115.5	115.5	115.5	115.5	115.5	117.3
Jan-2012	119.4	119.4	119.3	119.3	119.3	119.3	119.3	119.3	118.2
Feb-2012	118.8	118.8	117.9	117.9	117.9	117.9	117.9	117.9	118.1
Mar-2012	119.7	119.7	119.4	119.4	119.4	119.4	119.4	119.4	119.1

Data extracted on 03 Dec 2013 10:23 UTC (GMT) from OECD.Stat



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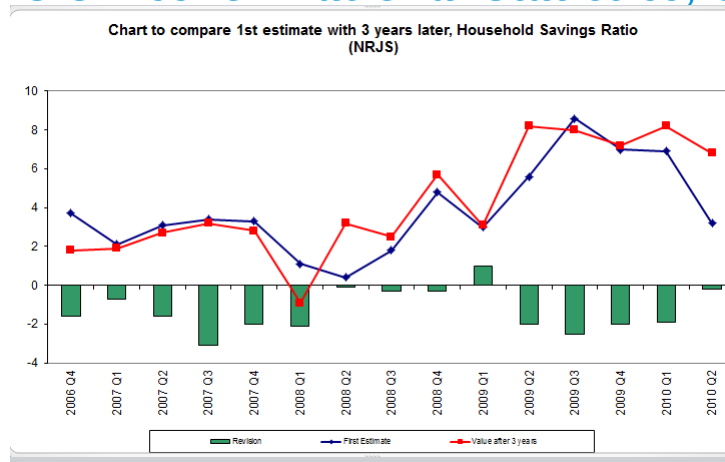
ONS Office for National Statistics, UK

Revisions triangle																																	
1. Household Savings Ratio																																	
Relating to Period	2005 Q3	2005 Q4	2006 Q1	2006 Q2	2006 Q3	2006 Q4	2007 Q1	2007 Q2	2007 Q3	2007 Q4	2008 Q1	2008 Q2	2008 Q3	2008 Q4	2009 Q1	2009 Q2	2009 Q3	2009 Q4	2010 Q1	2010 Q2	2010 Q3	2010 Q4	2011 Q1	2011 Q2	2011 Q3	2011 Q4	2012 Q1	2012 Q2	2012 Q3	2012 Q4	2013 Q1	2013 Q2	
First Estimate	5.5	4.8	6.0	5.2	5.1	3.7	2.1	3.1	3.4	3.3	1.1	0.4	1.8	4.8	3.0	5.6	6.6	7.0	6.9	3.2	5.0	5.4	4.6	7.4	6.6	7.7	6.4	6.7	7.7	6.7	4.2	5.9	
Value 3 Years Later	5.2	5.8	4.0	2.7	3.1	1.8	1.9	2.7	3.2	2.8	-0.9	3.2	2.5	5.7	3.1	8.2	8.0	7.2	8.2	6.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sep-08	5.0	5.3	6.0	4.8	5.0	3.5	3.1	3.5	2.8	3.0	1.1																						
dec-08	5.2	5.8	4.9	4.0	4.5	3.5	2.6	3.2	2.3	1.8	-1.1	0.4																					
mar-09	5.2	5.8	4.9	4.0	4.5	3.5	2.4	2.9	2.0	1.6	-1.3	1.1	1.8																				
jun-09	4.0	4.1	4.0	2.7	3.1	1.8	1.3	2.2	2.7	2.4	-0.8	2.4	1.3	4.0	3.0																		
sep-09	4.0	4.1	4.0	2.7	3.1	1.8	1.3	2.2	2.7	2.4	-0.7	2.4	1.3	3.9	5.6																		
dec-09	4.0	4.1	4.0	2.7	3.1	1.8	1.3	2.2	2.7	2.4	-0.7	2.2	0.9	3.6	5.0	7.6	8.6																
mar-10	4.0	4.1	4.0	2.7	3.1	1.8	1.3	2.2	2.7	2.4	-0.7	2.2	0.9	3.6	4.5	7.9	8.4	7.0															
jun-10	4.0	4.1	4.4	2.9	3.0	2.9	1.9	2.7	3.2	2.8	-0.9	2.1	1.5	5.3	4.2	7.9	8.5	7.2	6.9														
sep-10	4.0	4.1	4.4	2.9	3.0	2.9	1.9	2.7	3.2	2.8	-0.9	2.1	1.5	5.3	3.4	7.7	7.7	6.1	5.5	3.2													
dec-10	4.0	4.1	4.4	2.9	3.0	2.9	1.9	2.7	3.2	2.8	-0.9	2.1	1.5	5.3	3.1	7.5	7.3	6.0	5.0	3.5	5.0												
mar-11	4.0	4.1	4.4	2.9	3.0	2.9	1.9	2.7	3.2	2.8	-0.9	2.1	1.5	5.3	3.1	7.5	7.3	6.0	5.0	3.5	5.0	5.4											
jun-11	4.0	4.1	4.4	2.9	3.0	2.9	1.9	2.7	3.2	2.8	-0.9	2.1	1.5	5.3	3.1	7.5	7.3	6.0	5.0	3.5	5.0	5.4	4.8										
sep-11	3.7	3.9	3.9	2.6	3.1	2.9	1.9	2.9	3.3	2.5	0.9	3.2	2.5	5.7	4.2	9.4	9.1	8.3	8.4	7.0	7.7	7.0	5.9	7.4									
dec-11	3.7	3.9	3.9	2.6	3.1	2.9	1.9	2.9	3.3	2.5	0.9	3.2	2.5	5.7	4.2	9.4	9.1	8.3	8.5	6.3	7.0	6.8	5.2	6.4	6.6								
mar-12	3.7	3.9	3.9	2.6	3.1	2.9	1.9	2.9	3.3	2.5	0.9	3.2	2.5	5.7	4.2	9.4	9.1	8.3	8.5	6.3	7.0	6.8	5.0	7.5	7.9	7.7							
jun-12	2.8	3.1	3.7	2.3	2.4	2.2	1.2	2.2	2.2	1.0	-0.2	2.7	1.9	4.3	3.1	8.2	8.0	7.2	6.9	5.9	7.2	6.2	5.0	7.0	7.5	6.9	6.4						
sep-12	2.8	3.1	3.7	2.3	2.4	2.2	1.2	2.2	2.2	1.0	-0.2	2.7	1.9	4.3	3.1	8.2	8.0	7.2	6.9	5.9	7.2	6.2	5.1	6.3	6.6	6.0	6.0	6.7					
dec-12	2.8	3.1	3.7	2.3	2.4	2.2	1.2	2.2	2.2	1.0	-0.2	2.7	1.9	4.3	3.1	8.2	8.0	7.2	6.9	5.9	7.2	6.2	5.6	6.9	6.6	7.2	7.0	7.4	7.7				
mar-13	2.8	3.1	3.7	2.3	2.4	2.2	1.2	2.2	2.2	1.0	-0.2	2.7	1.9	4.3	3.1	8.2	8.0	7.2	6.9	5.9	7.2	6.2	5.2	6.8	6.6	7.4	6.5	7.5	7.9	6.7			
jun-13	3.0	3.4	4.2	3.0	3.2	3.1	1.8	2.7	2.6	1.4	0.2	2.7	1.7	4.1	3.4	8.6	8.3	7.5	8.2	6.8	7.6	6.7	6.1	7.1	6.4	7.1	7.4	6.5	7.1	5.9	4.2		
sep-13	3.0	3.4	4.2	3.0	3.2	3.1	1.8	2.7	2.6	1.4	0.2	2.7	1.7	4.1	3.4	8.6	8.3	7.5	8.2	6.8	7.6	6.7	6.1	7.1	6.4	7.1	7.4	6.7	5.9	4.4	5.9		
Latest Estimate	3.0	3.4	4.2	3.0	3.2	3.1	1.8	2.7	2.6	1.4	0.2	2.7	1.7	4.1	3.4	8.6	8.3	7.5	8.2	6.8	7.6	6.7	6.1	7.1	6.4	7.1	7.4	6.7	5.9	4.4	5.9		

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Statistics Finland

Home > Statistics > Government Finance > General government revenue and expenditure by quarter > Revisions in these statistics

Statistics
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General government revenue and expenditure by quarter
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Releases
Reviews
Tables
Figures
► Revisions in these statistics
Press releases
Available products and services
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Quality descriptions
Methodological descriptions
Concepts and definitions
Classifications
Further information

Revisions in these statistics

2013

2nd quarter

- Revisions in these statistics (30.9.2013)

1st quarter

- Revisions in these statistics (28.6.2013)

2012

4th quarter

- Revisions in these statistics (28.3.2013)

Referencing instructions:

Official Statistics of Finland (OSF): General government revenue and expenditure by quarter [e-publication]
ISSN=1797-9382. Helsinki: Statistics Finland [referred: 3.12.2013].
Access method: http://www.stat.fi/til/jume/rev_en.html.

Related topics

Revision of national accounts, ESA 2010

Statistics Finland

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Revisions in these statistics

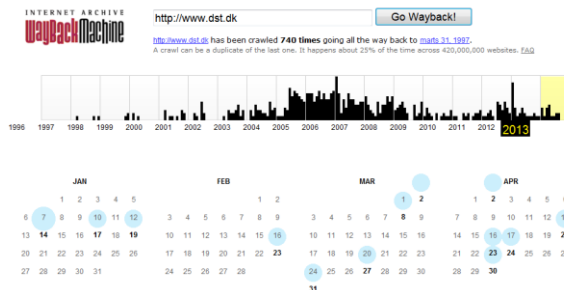
Seasonally adjusted quarter-on-quarter change, %

Sector	Transaction	Quarter	1st release (%)	Latest release (%)	Revision, %-points
General Government	Total Revenue	2012, 2nd Quarter	-2,1	-2,8	-0,7
		2012, 3rd Quarter	0,8	1,1	0,3
		2012, 4th Quarter	1,0	-0,2	-1,2
		2013, 1st Quarter	0,1	1,4	1,3
	Total Expenditure	2012, 2nd Quarter	-0,7	0,9	1,6
		2012, 3rd Quarter	0,9	1,2	0,3
		2012, 4th Quarter	-1,0	0,6	1,6
Central Government	Total Revenue	2013, 1st Quarter	1,5	0,3	-1,2
		2012, 2nd Quarter	-2,0	-4,6	-2,6
		2012, 3rd Quarter	0,0	1,4	1,4
		2012, 4th Quarter	2,1	-0,6	-2,7

14

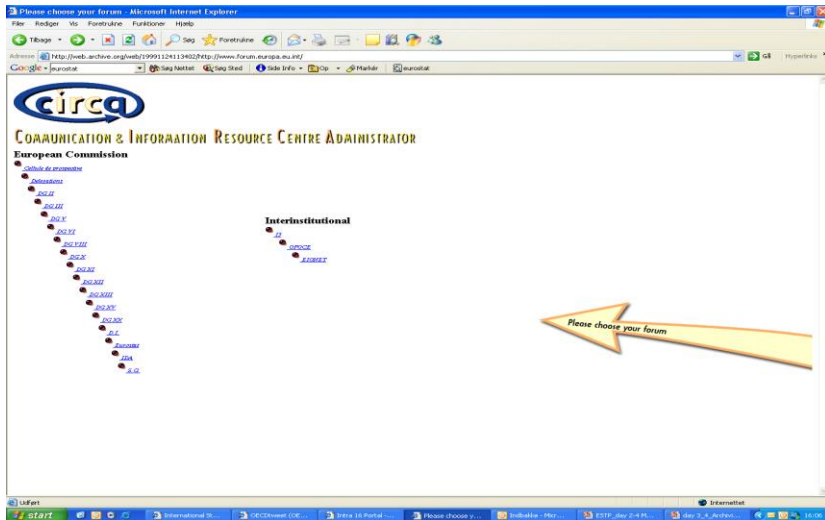
Who: External archiving possibilities

- National Library
- Data Archives
- [The Wayback Machine 1996-](http://www.archive.org/web)



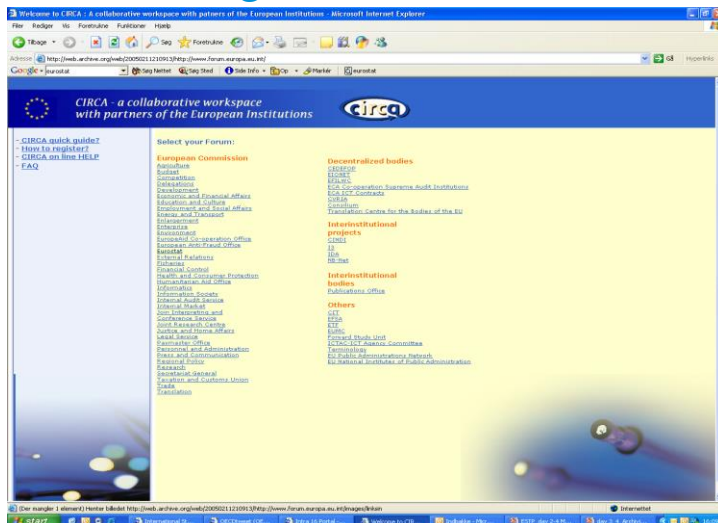
<http://web.archive.org/web>

Circa -1999



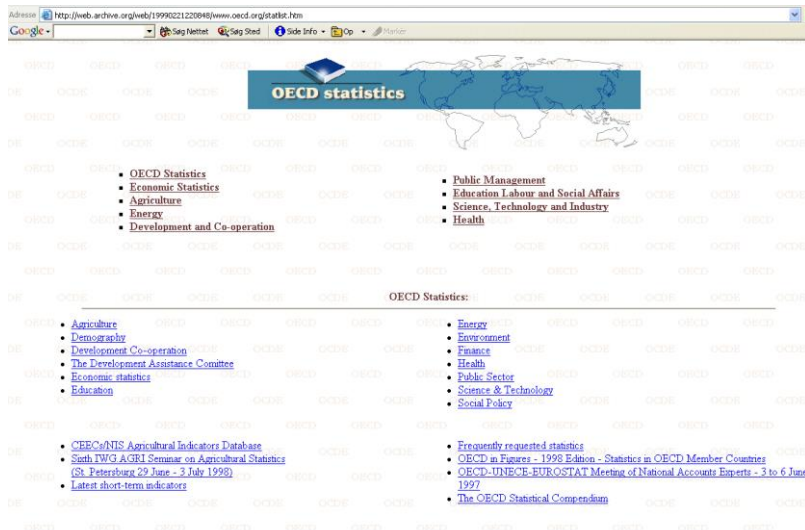
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Circa -2005



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1999 OECD



2009 OECD

ORGANISATION
FOR ECONOMIC
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- Job Vacancies
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- OECD used in fraudulent e-mail scam

Where to find our statistics?

Data warehouse and databases

- OECD Stat Extractions: a selection of datasets (no subscription)
- OECD.Stat: our complete statistics service by subscription (free trial)
- A few databases are not available via the links above:
 - => Student Assessment (PISA)
 - => Key Environmental Indicators 2008

Key tables

- Country Statistical Profiles
- OECD Factbook
- => dynamic maps & charts

Need help? Consult our:

- List of topics
- Frequently requested statistics
- A to Z index of key variables
- Catalogue of statistical publications

Spotlight

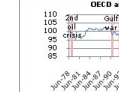
Women's unequal world: Sudan and Afghanistan are among countries whose traditional social institutions result in the highest levels of discrimination against women, while Croatia and Paraguay are among those with the lowest levels of discrimination, according to the Social Institutions and Gender Index (SIGI) of 102 non-OECD countries. See how countries compare and give us your

News

News releases

- OECD Secretary-General congratulates Enrico Giovannini on designation to head Italian statistics institute (24 July)
- OECD-UNEPCE-EUROSTAT Meeting of National Accounts Experts - 3 to 6 June 1997
- The OECD Statistical Compendium

OECD area



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Charting Progress, Building Visions, Improving Life

3rd OECD World Forum on "Statistics, Knowledge and Policy"

Editor's choice

education statistics trade environment and social statistics

OECD Factbook 2009: Economic, Environmental and Social Statistics

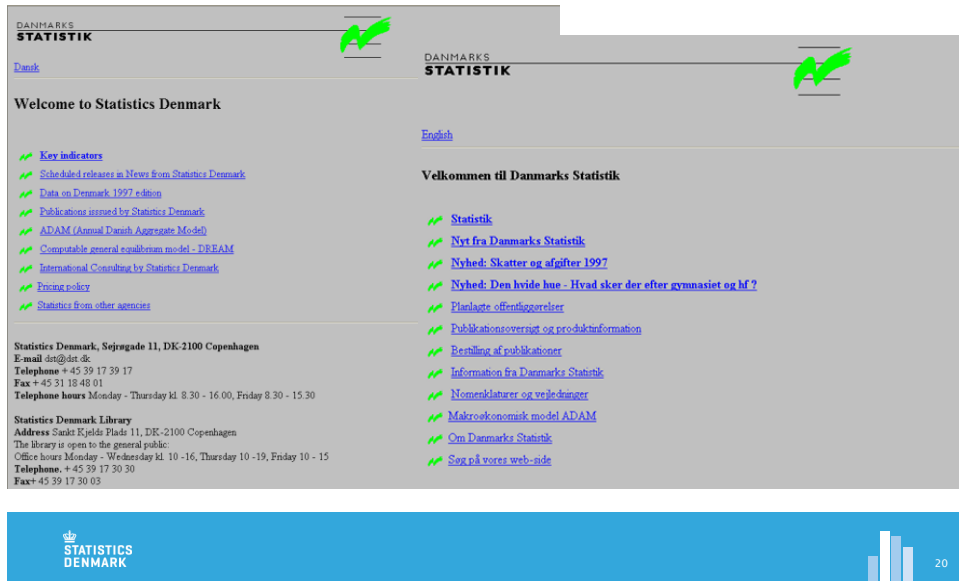
OECD Statistical Information System (SIS)

Methodology and Tools

- Glossary of Statistical Terms
- Sources and methods
- Statistical meetings
- Statistical Newsletter
- Statistics Brief
- Statistics working papers
- Statistical Programme of Work
- OECD Statistics Dissemination Project

STATISTICS
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December 1997 – DST.DK



DANMARKS STATISTIK
Dansk

Welcome to Statistics Denmark

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Address: Sankt Kjelds Plads 11, DK-2100 Copenhagen
The library is open to the general public:
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DANMARKS STATISTIK
English

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STATISTICS DENMARK 20

Archiving - Why?

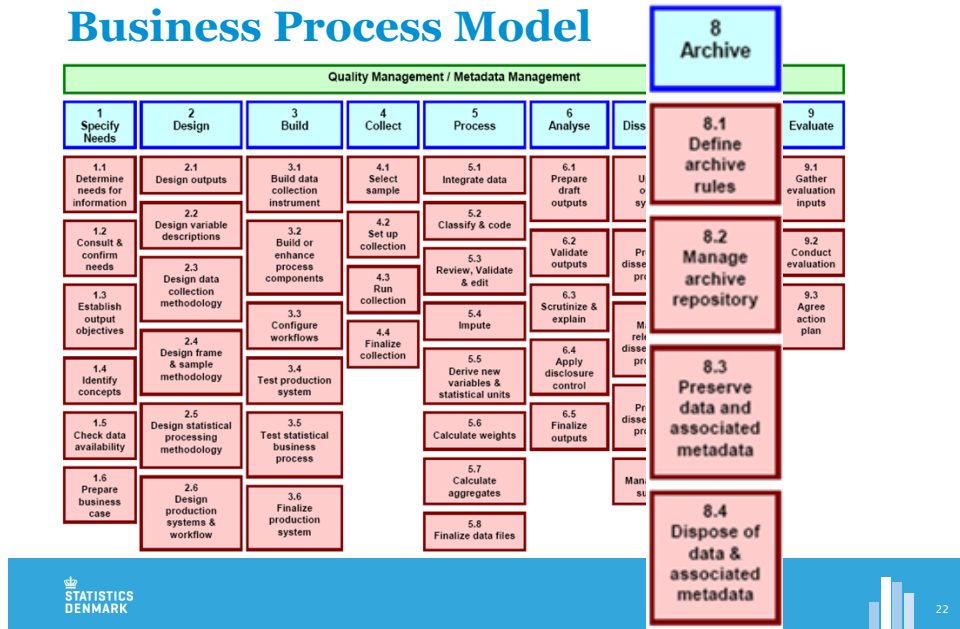
Need to have – nice to have?

- Legal obligation – may be in some countries?
- Institutional obligation – partly
- Practical, service minded ?
- Revisions accessible?
- Error corrections handled openly?
- Proof - if disputes should occur



STATISTICS DENMARK 21

Archiving in the Generic Statistical Business Process Model



Accessibility



Still accessible in 2100?

- Do we constantly need to convert data to new formats and media ?
- Can we still read data from past with new software?
- Would we need a very simple standard for archived files?

Future generations?

