

# Statistical databases and registers

## Spring 2010

Departement of statistics  
University of Stockholm

January 2010

- Wallgren, A. och Wallgren, B. *Register-based Statistics – Administrative Data for Statistical Purposes*. Chichester, Wiley. (see for example Adlibris.se or Bokus.se)
- *Register-based statistics in the Nordic Countries – Review of best practices with focus on population and social statistics* (2007), Geneva, United Nations (see the homepage or follow the link)
- Additional notes will be distributed during the course. Observe that these notes are important and will be used in the exams, especially the first exam.

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Lectures on Tuesdays between 13-17.

January: 26

February: 2, 9, 16 och 23

March: 2, 16 och 23

# Exams

- Two written exams

Friday the 12th of March: 9-12, B705, max 40 points

Friday the 26th of March: 9-12, B705, max 40 points

- One oral exam

Monday the 29th of March 13-17, B705, max 20 points

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# Grading

Grades follows a 7 degree scale according to the following table

Grade		Points
A	Excellent	90 – 100
B	Very good	80 – 89
C	Good	70 – 79
D	Satisfactory	60 – 69
E	Sufficient	50 – 59
Fx	Insufficient	30 – 49
F	Not passed	$\leq 29$

The course shall be finished during spring 2010.

No results from this term, spring 2010, may be used at another occasion.



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mikael.moller@stat.su.se
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- 1 Methods to handle measurement errors in sampling surveys (Cochran (1963), *Sampling techniques*)
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The subject, register, is developing and hence we have confusing notations. The following is my personal interpretation:

1. A **database** is a collection of tables that obeys certain parsimonious criteria.
2. A **register** is a collection of tables where updating is possible and they are in some sense complete.
3. Registers are split into two different types:
  - **Administrative** registers are primarily used in administrative information systems
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4. There is also another division of the registers into **base** and **specialized** registers:

- 1 **Administrative base** registers are kept as a basic resource for public administration
- 2 **Statistical base** registers are statistical registers based on administrative base registers
- 3 **Administrative specialized** registers such as the vehicle register
- 4 **Statistical specialized** registers are statistical registers based on several administrative registers

5. In Sweden we have four administrative **base** registers:

- 1 Register on persons
- 2 Register on property
- 3 Business register
- 4 Activity register

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