Migration Statistics based on Admin Data. Opportunities and Challenges. The Danish Case

Historical landmarks

1966: New Statistical Law gives access to register data
1968: National Civil Registration System (CPR)
1970: Last survey based census
1975: Business register established (CVR)
1976: Decision to establish a Building and Dwelling Register (BBR)
1981: Worlds first fully register based census
Register structure and data

People

- Central Person Register (CPR)
- Social Benefits
- Income
- Health
- Dwellings

Enterprises

- Central Enterprise Register (CVR)
- Employment
- Education
- Turnover

Buildings and housing (BBR)

Long time series of high quality
A gold mine of data
## Demographic data – Information from late 70’ies and forward

<table>
<thead>
<tr>
<th>Static information</th>
<th>Dynamic information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dates of birth and dead</td>
<td>Place of residence</td>
</tr>
<tr>
<td>Gender</td>
<td>Marriage and divorce</td>
</tr>
<tr>
<td>Place of birth</td>
<td>Migration</td>
</tr>
<tr>
<td>Biological parents</td>
<td>Citizenship</td>
</tr>
<tr>
<td></td>
<td>Children</td>
</tr>
<tr>
<td></td>
<td>Family</td>
</tr>
</tbody>
</table>
Integrated system of longitudinal data on:

- Income & Fortune
- Employment
- Health care
- Education
- Social Benefits
- Social Services
Example: Income Mobility 2001-2011
Challenges

ADMIN DATA IS A PRODUCT OF LEGAL REGULATIONS AND ADMINISTRATION OF THE LAW
Asylum seekers
Are not included in the Danish population register
There is actually a lot of them.....
The average time from seeking asylum to a first decision was in 2016 165 days i.e. below the 1 year limit

548 out of 10,846 took longer than 1 year

And 1,067 was appealed

Case: in August 2016 9,316 persons had a pending application.

Of these 223 person had applied more than a year ago

223 is equal to 0.004 percent of the population
Late de-registration

17% of all emigration in Year X will be registered later than February in Year X+1 - especially emigrations
No signs of activity – 2008 =>
Over-coverage

# OF PEOPLE WITH NO SIGNS OF ACTIVITY IN THREE YEARS = 18,000
2/3 DANES
THE NORDIC SYSTEM OF MIGRATION REGISTRATIONS DOES IMPACT THE NUMBER
EQUAL TO 0.32 PER CENT OF THE POPULATION
In conclusion
This is it

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Thank you for your attention