Register for mapping circular migration

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Statistics Sweden
Introduction

• Circular migration is often seen as a win-win-win proposition, providing gains to countries of both origin and destination, as well as to the migrants themselves.
Introduction

- Swedish Parliamentary Committee (Committee for circular migration and development)
  - 2009 – 2011
  - Examine circular migration and development
    - Considered that international mobility should be encouraged
    - Considered that further knowledge about global patterns of movement is needed
      - SOU 2010:40 (Mapping of circular migration)
      - SOU 2011:28 (Proposals)
  - Mapping by using data from Statistics Sweden
    - Definition:
      A person that in migration purpose had crossed the Swedish border at least twice during the period 1969 – 2009.
New mapping in 2014

- Statistics Sweden, in collaboration with the Swedish Migration Board, made a new mapping study of statistics on migration (2014)
  - Existing statistics
  - Registers
  - Other sources
  - Remittances
  - Proposals
    - Personal identification numbers on short term migrants
    - A new migration register
      - Intention to migrate for one year or more
      - (Short term migrants 3 – 12 months)
Mapping circular migration

- In the budget bill for 2016, the Swedish Government allocated funds to Statistics Sweden to produce yearly statistics on circular migration.
Swedish register system

- Personal identification number (PIN) is used as a identifier
  - Total population register
  - Education register
  - Income register
    - Including persons with individual coordination numbers
  - Occupation registers
  - And more
Personal identification numbers

• Since 1947 has every person registered as living in Sweden a Personal identification number (PIN)
  • New-born children
  • Immigrants which intent to stay at least 12 months
  • (YY)YMMDD-XXXY
  • The PIN is a life-long companion
• The PIN is widely used both in the public and private sector
• One big exception
  • Asylum-seekers
Total population register

- Introduced in 1968
  - Total population year t-1
    - + Births
    - + Immigration
    - - Deaths
    - - Emigration
    - (+/- internal migration)
    - (Citizenship, marital status changes and more)
  - = Total population year t
Available data material

- Historic Population Register (HPR)
  - Period January 1, 1969 – December 31, 2015
    - Births, live births and stillborns
    - Deaths
    - Immigrations
    - Emigrations
    - Migrations within Sweden
    - Changes in civil status
    - Changes in citizenship
Available data material

- Historic Population Register (HPR)
  - Period January 1, 1969 – December 31, 2015
    - Births, live births and stillborns
    - Deaths
    - **Immigrations**
    - **Emigrations**
      - Migrations within Sweden
      - Changes in civil status
      - Changes in citizenship
  - Includes dates of events
Some preliminary statistics

- A person with 3 registered migrations 1969 – 2014
  - The statistics is dependent on national registration
    - persons with the intention to live in Sweden for a year or more shall be registered
    - persons with the intention to live outside Sweden for a year or more shall be deregistered
Some preliminary statistics

- Persons that during the period 1969-2014 has met the conditions to qualify as circular migrants
  - Year of immigration and emigration,
  - first and last migration,
  - region of birth,
  - age,
  - gender,
  - total number of migrations
  - region of origin/destination
  - and more..
Some preliminary statistics

- Population 2015
  - 9,851,017
  - 17.0% foreign born

- Immigrants 2015
  - 134,240

- Emigrants 2015
  - 55,830
Most migrations are not circular

- Foreign-born circular migrants share of all foreign-born migrations
Mainly people born in the Nordic countries

- Number of circular migrants and migrations by sex and continent of birth 1969-2014

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About 55 percent are men
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About 65% of migrants and migrations

Work Session on Migration Statistics 2016
Globalization has made its mark

- Number of circular migrations by continent of birth and year

![Graph showing circular migrations by continent from 1969 to 2014](Image)
Time between first and last migration

- Migrants by time between first and last migration, %
Time between first and last migration

- Migrants by time between first and last migration, %

![Bar chart showing percentages of migrants by time between first and last migration. The chart has two categories: 2 migrations and 3+ migrations. The data is presented in a histogram format with time intervals on the x-axis and percentage on the y-axis. The chart highlights the majority of migrants having 2 migrations, with a smaller percentage having 3+ migrations.](image-url)
Time between first and last migration

- Migrants by time between first and last migration, %
Usually few migrations

- Circular migrants by region of birth and number of migrations, %
Usually few migrations

- Circular migrants by region of birth and number of migrations, %

![Bar chart showing the percentage of circular migrants by region of birth and number of migrations. The chart indicates that 16% of the migrants fall under the category of 7+ migrations.]
"Yo-yo" migrators

- Most migrations is between Sweden and country of birth, %
"Yo-yo" migrations by age
Education level

- Least 3 migrations, 18 years and older 2005 – 2014
Education level

- Least 3 migrations, 18 years and older 2005 – 2014

73% has high education level
Education level

• Least 3 migrations, 18 years and older 2005 – 2014

73 % has high education level

30 % with low education

Unknown  Low  Medium  High
Education level

- Least 3 migrations, 18 years and older 2005 – 2014

73% has high education level

Difference in education level

30% with low education
Migration register

- Some questions have to be answered
  - Which population should the database contain?
  - What variables should the database contain?
  - What statistics should be published?
- United Nations Economic Commission for Europe (UNECE)
  - Task force 2013
    - Statistical definition of circular migration
      A circular migrant is a person who has crossed the national borders of the reporting country at least 3 times over the past 10 years, each time with duration of stay (abroad or in the country) of at least 12 months.
References

- SOU 2010:40: Delbetänkande av kommittén för cirkulär migration och utveckling
- SOU 2011:28: Cirkulär migration och utveckling – förslag och framåtblick
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- SCB 2006, Historic population register, 2006:3
- SCB 2007, Personnummer – dess konstruktion och hantering inom Statistiska centralbyrån
- SCB 2012 (Anna-Karin Nylin), Background and definitions on circular migration
- SCB 2014, Migrationsstatistik i Sverige – nuläge, behov och förslag till förbättringar
- UNECE 2016, Defining and Measuring Circular Migration (Draft 19 January 2016)
Thank you!

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