QuantMig Migration Data Inventory

The project *QuantMig: Quantifying Migration Scenarios for Better Policy* has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 870299

Web: www.quantmig.eu Twitter: @QuantMig

photo: iStockphoto.com/Guenter Guni

Overview

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- Selection criteria
- Search strategy
- What characteristics of the datasets we show
- Quality assessment
- Website demonstration
- Future

Selection criteria

- Migration to and within EU – cross-national
- Stock/flow, quantitative data, including surveys
- Country level
- Not older than 2000
- Accessible
- Not digital trace/social media data

- What is a dataset?
- Treat each table in Eurostat, OECD, UN etc. as unique dataset
- Unless dataset clearly subset of other dataset

Search Strategy

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- Existing metadatabases:
  - KCMD data catalogue
  - Ethmig survey registry
  - REMINDER
  - PROMINSTAT
  - IOM GMDAC's Global Migration Data Portal
  - Migration Research Hub (Crossmigration)
- Big dataproviders Eurostat, OECD, World Bank, UNCHR etc.
- Checking projects funded by EU for data
- Consulted experts

Overview of key characteristics (1)

- Name, provider, source
- Data characteristics
  - Type of data – register, census, survey etc.
  - Design of data – cross-sectional, longitudinal etc.
  - Stock or Flow
  - Micro or macro data
- Migrant characteristics and definitions
  - Citizenship, country of birth, previous/next residence
  - Migrant type – labor, refugee, student etc.
  - Details on migration definition (time)

Overview of key characteristics (2)

- Coverage (geographical and temporal)
  - Origin and destination countries
  - Aggregation level (country, region)
  - Intra-EU
  - Years (data collection)
  - Update status
- Demographic characteristics
  - Sex
  - Age
  - Education
  - Labour/occupational status

Quality Assessment

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- Aim: provide overview of relative strenghths and weaknesses
- NOT ranking datasets from best to worst
- Different dimensions
- Acknowledge comparing accross different types of data is difficult
- User can decide what matters more

Quality Assessment dimensions

- ***Geographic coverage*** – origin and destination countries
- ***Migrant characteristics*** – 1 or more indicators: citizenship, previous/next residence, country of birth
- ***Target type*** – distinction in type of migrant, specific, not specified
- ***Completeness*** – register: origin-destination cell missings;

  crossnational surveys: country missing; more weight to recent data!
- ***Timeliness*** – time between collection and publication and how recent data is

Overview Quality Assessment

Quality assessment indicator	High score	Medium score	Low score
Q1 Geographical coverage	>=100 origin/destination countries	>10 & <100 origin/destination countries	<=10 origin/destination countries
Q2 Migrant characteristics	3 indicators	2 indicators	1 indicator
Q3 Completeness	<10% missing	>10% & <33.3% missing	>33.3% missing
Q4 Target type	*Multiple migration types*	*One specific migrant type*	*Not specified*
Q5 Timeliness	T	T – 1	T – 2 or earlier

Browsable website version

- Can search through data inventory
- Links to data, documentation, reports
- Accessibility: open access, apply for access, or no (easy) access
- Can download selected search results!

www.quantmig.eu/data_inventory

Future

- Continue to update
- Beyond QuantMig
- Join forces - MPIDR Human migration database
- Move away from data from national statistical offices?
- More complete data from big data providers, combining data tables?

- Want to know your thoughts!

The people behind the data inventory

QuantMig

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Check out the data inventory!

Website: www.quantmig.eu/data_inventory

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