Migmap
Detailed interactive mapping of migration in The Netherlands in the 20th century

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Outline

Migration
People move houses and this may contribute to diffusion processes
- socio-economic
- cultural
- linguistic
Can we visualise population movement over several generations?

To get a flavour
Children leave home at the age of 18 – 30 years

Where are the data?
(1) National Bureau of Statistics
- data at municipality (or region) level
- migration out and in during (period of) years
- no information about origin or destination
(2) Base data from the digitised Civil Registration
For research on given names we have got specific information for 16 million persons (and 6 million deceased parents)
Coverage close to 100% from 1930 onwards
Coverage still over 25% in 1880

relevant data per person

- id
- gender
- municipality of birth
- municipality of living in 2006
- id's of parents

no details of migration during lifetime (until 2006)
but generations are known and connected

research community with
linguists, demographers,
socio-economic historians
- easy data exploration
- data downloads

general public:
- easy access, self-explaining site

The great-grandparents of the current residents of Amsterdam, where are they born?
The great-grandchildren of residents of Amsterdam born in the late 19e century, where do they live in 2006?
time = generation

Map of The Netherlands with 460 municipalities
- target municipality
- results of request in % for any other municipality

Amsterdam: great grandparents
mouse-over shows:
- municipality
- percentage
click on municipality for next target
descendants from some village

request options

- municipality (460)
- region
  - part of province (40)
  - dialect area (24)
  - province (12)
- gender line
  - both, male, female
- generation (4)
- time direction
  - origin
  - descendants

quantitative data

For easier comparison between maps

per generation:

% of population that resided in the target municipality

median distance to target municipality

data output

- raw data (.csv file)
- large map
- KML for Google earth

KML output

(places of birth West-Brabant, with dialect area overlay)

large map output

great grandparents | regional surnames

56% born in Limburg

5-10%

20-40%
questions, so far?