

# Administrative data and migration routes: data and tools

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# Towards integrated registers

During the last decade Istat has gone a long way towards the integration of administrative data and sources for the analysis of migrations and the integration of international migrants

Integration of micro-



# Integration of data to study integration of migrants

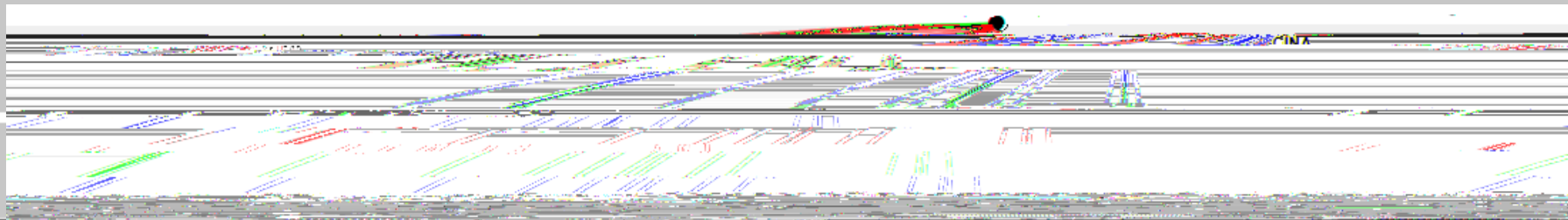
- Microdata integration
- Residence permits (deterministic record linkage between datasets referring to different years derived from the same source)
- **Integration** of information about individuals in a multidimensional perspective
- Opportunity to follow the life of individuals using a **longitudinal** approach. The best approach to study a multidimensional phenomenon: the **integration** process
- Opportunity to study the timing of the events



# Migration History





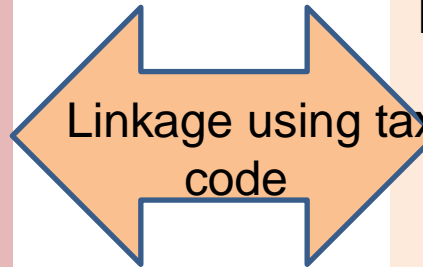


The 15% of Chinese immigrants have moved twice or more between 2007 and 2012

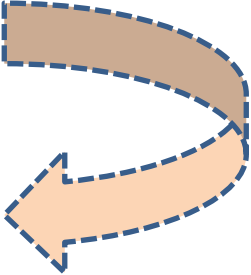
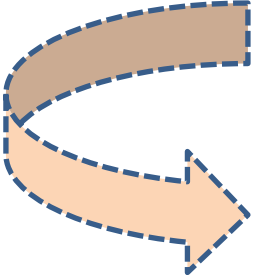


# Acquisitions of citizenship

Individual data provided by Ministry of Interior (only some kinds of acquisitions, but many information on individuals: age, previous citizenship, sex)



Municipality lists at different years (t-1 and t). Record linkage Individual data to individuate the changes of citizenship (many information about individuals, not the type of acquisition)



Aggregated data collected by Istat at municipality level (all kinds of acquisition but few information: municipality and sex)



Istat assessment  
For Regulation 862/2007: data for all kind of acquisitions for age, sex and previous citizenship  
Estimation for different territories and for kind of acquisition (marriage, residence, etc.)







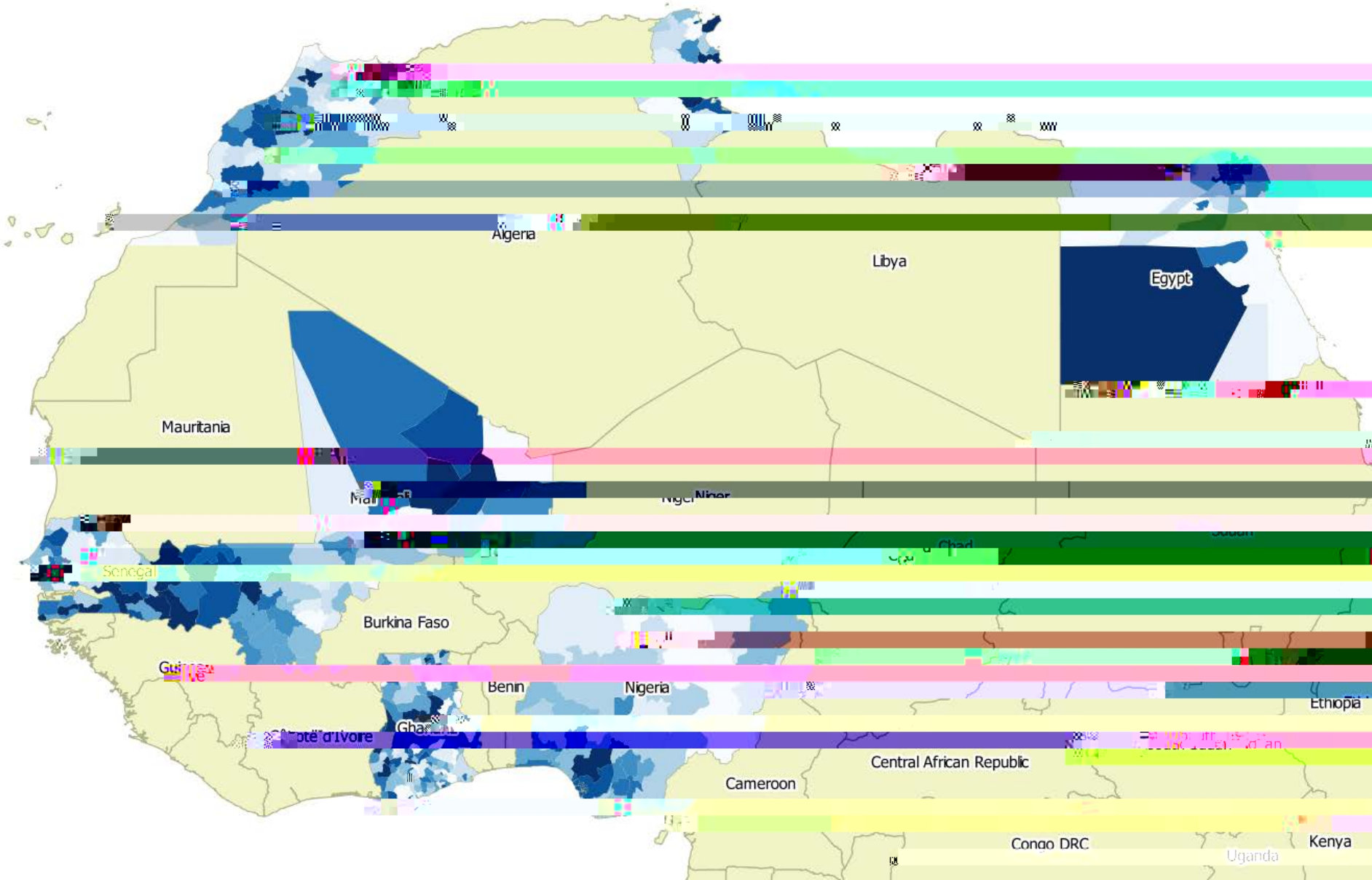
# Integration and full exploitation of the administrative data

- ISTAT is currently working to improve the quality of information on the place of birth of the migrants with a residence permit
- The **birthplace name** is not standardized, wrong and sometimes missing.
- The correction of this information requires a process of data integration with other repositories of geographical names.

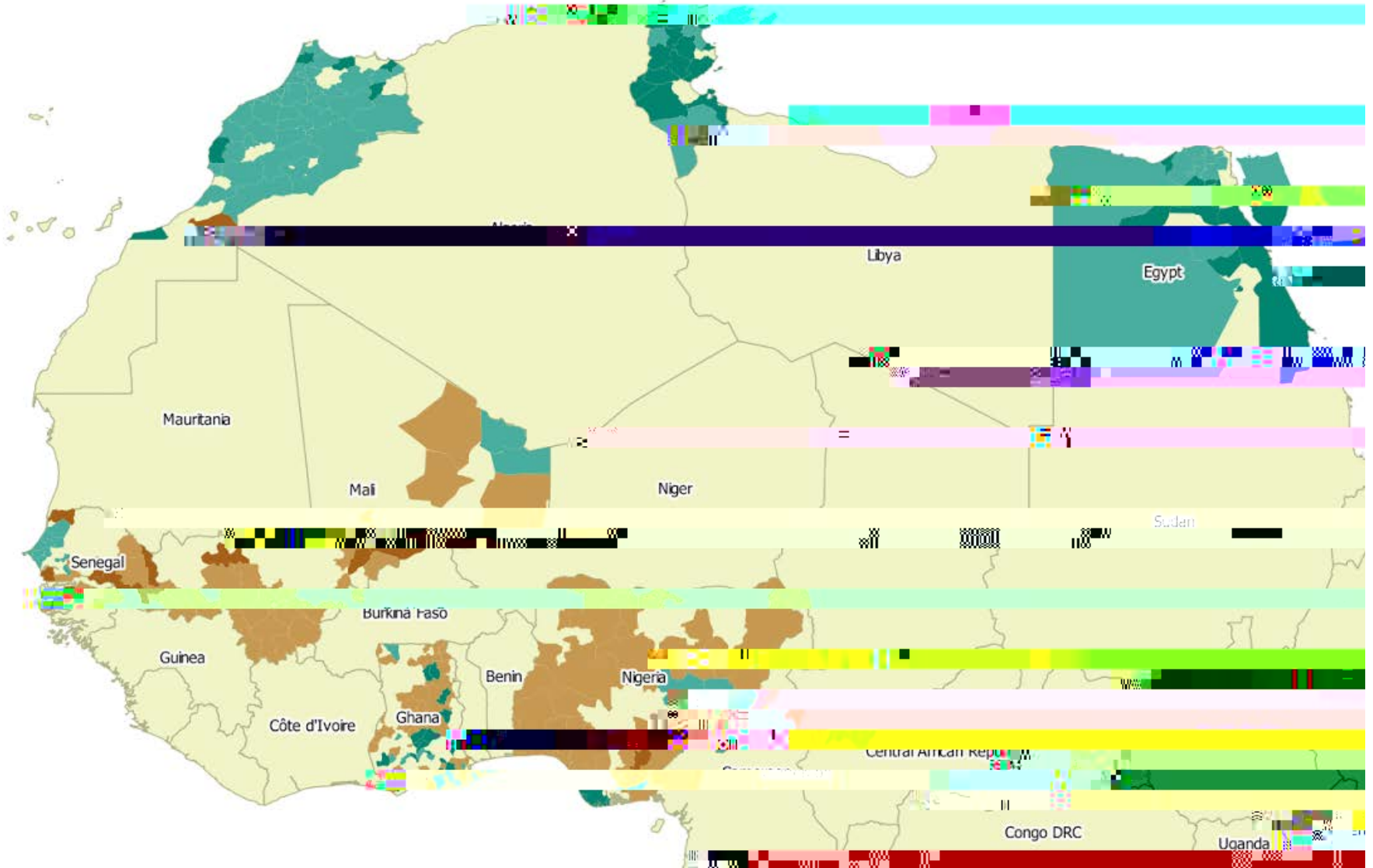




# 2013 – # residence permits over



# Migration flows over time (12-15)



# Perspectives

- The data represent only migrations flows towards Italy, but with a very disaggregated territorial level for the country of origin
- This is an example of how European countries could provide information on emigration from other areas of the world at a regional level and on migration routes if administrative data were fully exploited
- The ICT gives us new instruments that could help in completing the information of administrative data
- Cooperation among different Institutions is another important step to produce "new" statistic information

