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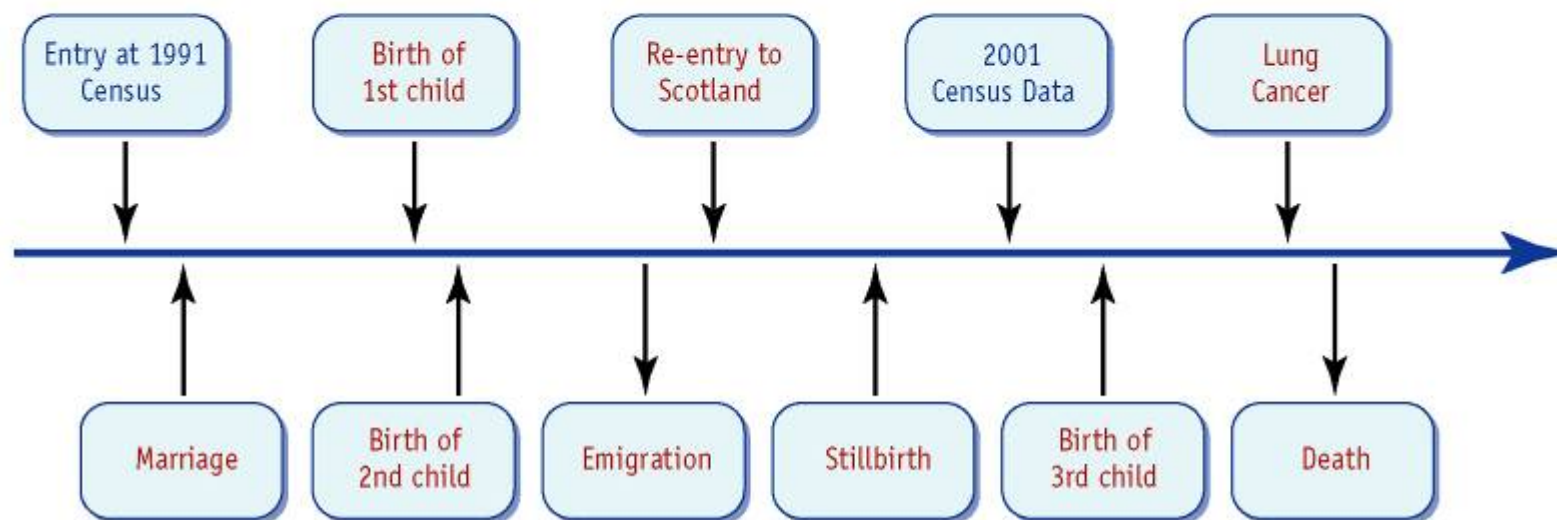
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Introducing the three LSs

Prof Chris Dibben, SLS-DSU
University of Edinburgh



Example Event History of a Female LS Member aged 21 at 1991 Census

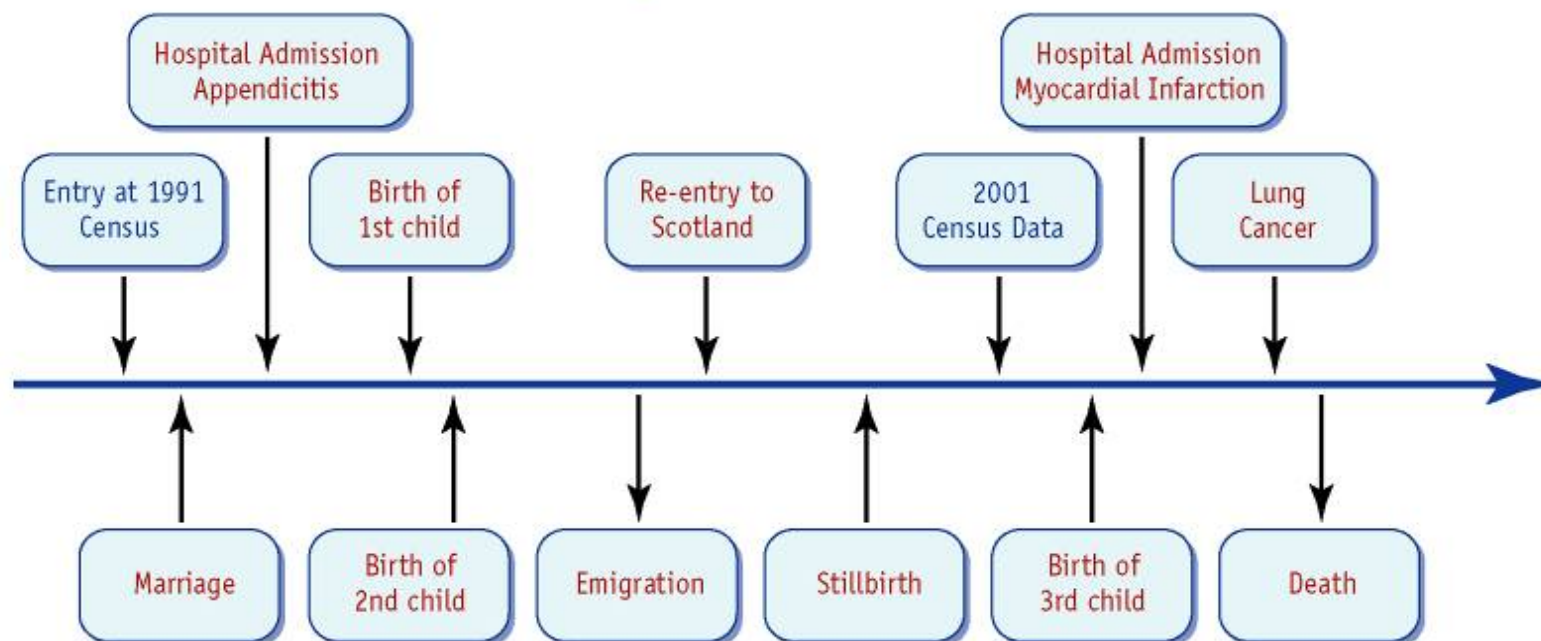




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Example Event History of a Female LS Member aged 21 at 1991 Census



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The England & Wales ONS LS

- 1% sample of the population (c950,000 members)
- 1971, 1981, 1991, 2001 and 2011 Censuses
- Census data for study members and those in same household
- Events data include births and deaths of sample members, immigration, emigration, cancer data, widowerhoods
- Supported by Centre for Longitudinal Study Information & User Support, University College London (CeLSIUS) (www.ucl.ac.uk/celsius/)

The Scottish Longitudinal Study (SLS)

- 5% of the population of Scotland (c274,000)
- 1991, 2001, 2011 Censuses
- Census data for study members and others in same household
- Events data as E & W plus marriages, plus education data (eg exclusions, attainment), hospital episodes and cancer data
- Supported by Scottish Longitudinal Study Development and Support Unit (sls.lscs.ac.uk/)

The Northern Ireland Longitudinal Study (NILS)

- 28% of the population of Northern Ireland (c450,000 in 2001)
- 2001 and 2011 Censuses, with data from 1981 and 1991 to be added soon
- Census data for study members and others in same household
- Events data as E & W plus housing data from Land and Property Services, plus Health and Social Care (one-off linkages, e.g. dental treatment)
- Supported by Northern Ireland Longitudinal Study Research Support Unit (www.qub.ac.uk/research-centres/NILSResearchSupportUnit/)

Summary

- Many similarities between the LSs in the information held in them
- But, important differences in
 - Sample size
 - Date of foundation
- Access and governance arrangements are comparable though there are minor, but important, differences in some restrictions (eg NI has a requirement for health relevance)



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Impact from the LSs



Impact from the LSs – E&W LS

- Data from the ONS LS has a long history of use in Gov reviews and enquiries, e.g.:
 - Dilnot Commission (2011)
 - Marmot Review (2010)
 - Turner Commission (2005)
- DH and DWP: LS-based statistics are key to their work on pension projections

Impact from the LSs – NILS

- O'Reilly, QUB with Director of Screening Services (NI Public Health Agency) - Breast Screening uptake project
 - PI invited to join the NI PHA Screening Planning and Review Group
- Shuttleworth, QUB work on internal migration, social deprivation and religion in Northern Ireland:
 - Led to advice to Community Relations Council, NI Assembly and NI Office

Impact from the LSs – SLS

- Freeke, Glasgow City Council - tenure change in Scotland, 1991-2006
 - Unique insights incorporated into a demographic model of tenure change
 - Fed into a number of key strategic policy documents:
 - Glasgow and the Clyde Valley Strategic Development Plan (2012)
 - Glasgow's Housing Strategy (2012)

Impact from the LSs – SLS

- McCollum, St Andrews, for Scottish Government - return and long-term in-migrants in Scotland
 - Fed into Scottish Govt report: 'Characteristics and intentions of immigrants to and emigrants from Scotland – Review of existing evidence' (2011)
 - Featured widely online:
 - Skills Development Scotland
 - Migrant's Rights Network
 - National Coalition of Anti-Deportation Campaigns
 - Information Centre about Asylum and Refugees
 - Referenced in UK Needs Analysis Report of the 'EU Portfolio of Integration' project



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Potential developments and data linkages in the LSs





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- Increasingly the studies are looking at alternative sources from administrative systems
- SPiNe will be useful in directing us

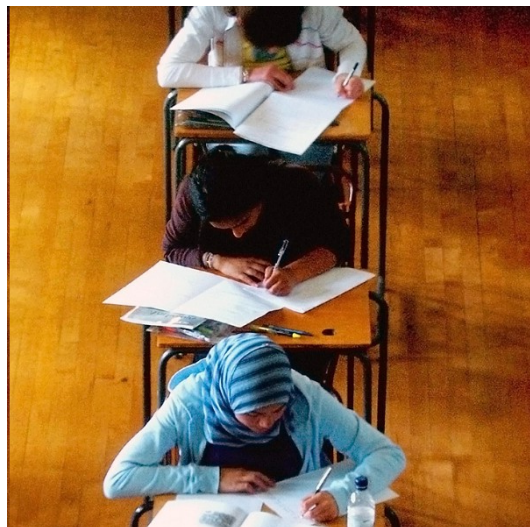
Hospital data

- In patient stays
- Mental health
- Violence – knife injury
- Drug misuse
- Child health surveillance systems
- Prescribing data



Education data in Scotland

- Attendance/Absence
- Exclusions
- Attainment



● School census

- Main difficulty in learning
- Free school meals registered
- Individual educational programme (IEP)
- Records of needs (RON)
- English as a second language

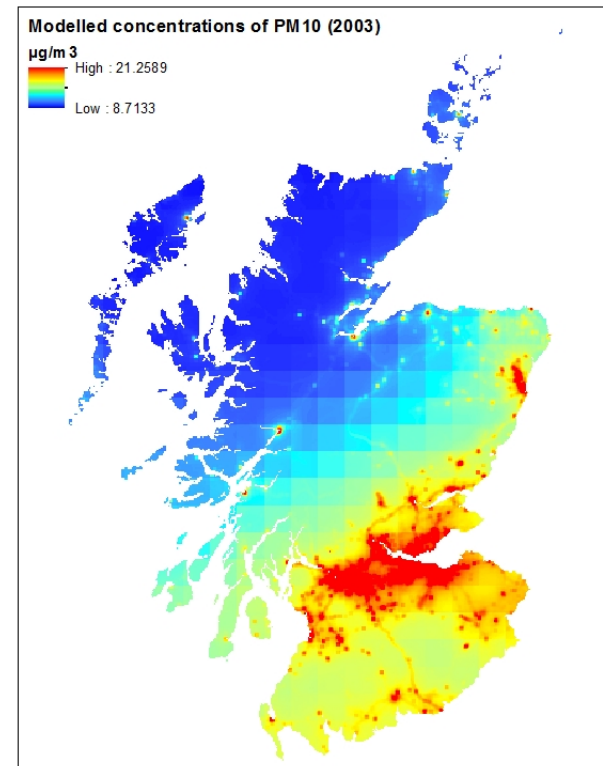
Ecological data

● Pollution data

- CO, NO, SO₂, O₃
- Particulate matter

● Weather data

- Temp, frost, sunshine, precipitation, clouds



Looking forward

- Administrative Data Research Network
 - Administrative Data Research Centres in England, Wales, Northern Ireland and Scotland
 - Engaging with a census or census replacement



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Thank you

For more information visit:

calls.ac.uk

