



CeLSIUS News

Issue 17

July 2011

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To join our free e-discussion list, go to:
www.jiscmail.ac.uk/lists/ls-support.html

We would like to thank all those who have contributed to this issue of the newsletter. As always, we are keen to spread the word about the ONS LS and the CeLSIUS service, so please help us to do this by passing on the link to CeLSIUS news to your colleagues in the UK academic community.

About CeLSIUS

CeLSIUS is funded by the ESRC Census Programme to provide free advice, information and support to UK based academics, including students, who wish to use the ONS Longitudinal Study.

Our website at <http://www.celsius.lshtm.ac.uk> offers a range of resources to help LS users including:

- web based training modules on themes such as ethnicity, geography, household and families
- searchable data dictionary
- searchable list of publications using the LS
- downloadable tables from LS research studies

CeLSIUS team news

CeLSIUS work to continue until July 2012

We are pleased to announce that the ESRC have awarded further contracts for the existing units of the Census Programme for 12 months. This means that CeLSIUS will continue its work until the end of July 2012. We shall continue to provide expert research and computing support to LS users but will only be approving applications for projects that are likely to be completed within that timescale.

Staff changes

Lynda Clarke and Melissa Neal have now left the CeLSIUS team - we would like to thank them for their work with us. After a four-year absence Jo Tomlinson has returned to the role of CeLSIUS Administrator (formerly known as Executive Officer). Jo works every morning till 12.00 pm.

CeLSIUS team

Emily Grundy	Director
Pat Doyle	Associate
Chris Marshall	Research and Computing Support Officer
Neil Smith	Research and Computing Support Officer
Rachel Stuchbury	Research Support Officer
Jo Tomlinson	Administrator

Moves and movers

If you move to a different institution

It is important that you let us know – in advance, preferably - if the location where you conduct your LS based research changes, i.e. if you move to a different institution. This is so that we can be sure that the intermediate outputs that you receive are always held securely in an approved place. **It is especially important that you consult us in**

advance if you are planning to move outside England and Wales as the legislative and procedural framework for users outside E&W is different.

London Virtual Microdata Laboratory moves to Drummond Gate

On May 16th 2011 the Office for National Statistics' London Virtual Microdata Laboratory (VML) moved to 1 Drummond Gate. This building is located at the junction of Drummond Gate and Vauxhall Bridge Road next to Pimlico underground station (Victoria line). The Victoria mainline and underground stations (Victoria, Circle and District lines) are within 8 minutes walk.



VML capacity has been reduced to five terminals and is currently under heavy use. Bookings can be made by contacting your CeLSIUS support officer or by contacting MAUS directly (maus@ons.gov.uk). Note that until further notice bookings are made in half-day slots: 09.00-13.30 and 14.00-17.30. Full day bookings (i.e. for two consecutive slots) are accepted for those from outside London.

NEW! on the CeLSIUS website

Downloadable table on ethnicity and health

This new downloadable table investigates the extent to which the prevalence of limiting long term illness differs between ethnic groups over time, and whether these differences appear to be related to socioeconomic inequalities.

These tables will be useful to researchers intending to use the LS as they describe the sample sizes and distribution of 16 ethnic minority groups present at 1991 and 2001. Additional detail is provided on the distribution of limiting long term illness as well as socioeconomic characteristics (social class, highest qualification, car ownership, housing tenure, overcrowding) in each ethnic group present in 1991 and 2001.

The module shows considerable differences in the socioeconomic profiles of each ethnic group and that long term socioeconomic disadvantage is associated with higher rates of limiting long term illness in most minority ethnic groups.

Change to guidance on cell counts in final outputs

A long running review of procedures relating to use of the LS in the VML has recently been completed. The two main changes arising from this review which will affect our users are:

- 1) ONS will be offering regular courses on using the VML and all new users will need to attend one of these prior to or early on in their project. We will pass on information about times and dates as it becomes available.
- 2) Current users will know that all LS based analyses destined for publication or other sharing beyond the research team have to be submitted to ONS (via CeLSIUS) for final outputs clearance. Until now one of the criteria for providing clearance has been that the output includes no non zero cell counts below 3 (i.e. no counts of 1 or 2). This has now been revised upwards and users who wish to include non zero counts of less than 10 in final outputs will need to provide a justification (explain why the count is needed from a scientific point of view and why it does not present a disclosure risk) as a basis for discussion with the ONS VML staff. Please see the Step-By-Step Guide to Using the LS on the CeLSIUS website at <http://www.celsius.lshtm.ac.uk/stepbystep.html> for further information about final outputs clearance.

New data available in the ONS Longitudinal Study

The annual refresh of vital event registrations linked to the Office for National Statistics Longitudinal Study (ONS LS) was completed in March 2011.

The refresh means that researchers using the ONS LS have access to an extra year of vital event information to use in their research. Information on vital events for 2009 and on cancer registrations for 2008 is available. This will be the last release of the ONS LS database until after the linking in of the 2011 Census data. Work on this is well underway. The addition of 2011 Census data to the ONS LS database will provide researchers with new variables relating to visitor information, civil partnerships, immigration and intention to stay, spoken languages and national identity. It will also provide an additional wave of information on health and limiting long term illness, caring, economic position, qualifications, housing tenure, accommodation, ethnicity, religion, country of birth, migration and travel to work. These data are expected to be available to ONS LS researchers in autumn 2013.

For more information on the content of the 2011 Census questionnaire follow this link to the 2011 Census web pages:

<http://www.ons.gov.uk/census/2011-census/2011-census-questionnaire-content/index.html>.

Further ONS information about the LS can be found at:

<http://www.ons.gov.uk/about/who-we-are/our-services/longitudinal-study>.

Forthcoming events

Census 2011: Impact and Potential, Manchester, 7 – 8 July 2011

You are invited to attend a two-day conference at the University of Manchester on 7 – 8 July 2011. This event has been convened by the ESRC Census Programme and the Royal

Statistical Society Census Study Group and will showcase the research potential of the 2011 Census data in advance of its release to the research community in 2013. The full range of aggregate and microdata census outputs will be discussed, as well as new delivery systems for the data.

Plenary speakers include Paul Boyle (Chief Executive, ESRC), Glen Watson (Director, 2011 Census, ONS) and Roma Chappell (Head of Beyond 2011 Programme, ONS). There will also be speakers from all census.ac.uk Data Support Units and other census data experts and researchers. Emily Grundy, Chris Marshall, Neil Smith and Rachel Stuchbury will be attending from CeLSIUS so do get in touch if you have any queries about the data or CeLSIUS.

The cost of this event is £75 which includes lunch and refreshments on both days and the conference dinner on the first night (day rate £40; conference dinner £20). Participants will need to book their own hotel and travel.

For more information and booking: <http://www.ccsr.ac.uk/sars/conference2011/>.

British Society for Population Studies, York, 7 – 9 September 2011

The 2011 BPS Annual Conference will be held at the University of York on 7 – 9 September. All Conference sessions will be held on site, where Conference catering and accommodation will also be available at very reasonable rates.

There is a full programme of simultaneous strand sessions of submitted papers including two sessions on census based longitudinal studies (the ONS LS, SLS and NILs).

For further information and to register, see:

<http://www2.lse.ac.uk/socialPolicy/BSPS/annualConference/Home.aspx>

Emily Grundy and Rachel Stuchbury will both be attending this conference, as will several colleagues from the ONS LS Development Team.

New projects supported by CeLSIUS

The causal effect of schooling on social mobility: findings from a natural experiment
Franz Buscha, University of Westminster and Patrick Sturgis, University of Southampton

The effect of active travel-to-work on socioeconomic inequalities in health in England and Wales, 1971-2001
Liam Crosby and Emily Grundy, London School of Hygiene & Tropical Medicine, University of London

Mortality and Religion: a Longer Life by the Grace of God?
Tricia Larose and Emily Grundy, London School of Hygiene & Tropical Medicine, University of London

Recent publications from CeLSIUS-supported projects

Journal articles and book chapters

Norman P, Boyle P (2011) Using Microdata from the Samples of Anonymised Records and the Longitudinal Studies. In: Stillwell J, Duke-Williams O, Dennett A. *Technologies*

for *Migration and Commuting Analysis: Spatial Interaction Data Applications*. Pennsylvania: IGI Global

Popham F, Boyle PJ (2011) Is there a 'Scottish effect' for mortality? Prospective observational study of census linkage studies. *Journal of Public Health* 33:2

Webb RT, Marshall CE, Abel KM (2011) Teenage motherhood and risk of premature death: long-term follow-up in the ONS Longitudinal Study. *Psychological Medicine* 1:11

Conference presentations and proceedings

Grundy E (2011) *Changing times and changing lives: insights from the Office for National Statistics Longitudinal Study of England and Wales*, lecture, and *Households and later life transitions: trends and implications*, seminar. Northern Ireland Longitudinal Study Research Forum, NISRA, Belfast, 11 May

Robards J and Goldring S (2011) *The ONS Longitudinal Study and research using the LS to explore recent changes in fertility in England and Wales*, presentation. Centre for Population Change, University of Southampton, 10 May

Stuchbury R (2011) *The ONS Longitudinal Study*, lecture. Study day on Census Resources for Research, British Library, 12 April.

Stuchbury R (2011) *Individual change over time: the Longitudinal Studies*, lecture with hands-on exercises. Postgraduate training workshop on Census data, University of Manchester, 15 April.

Stuchbury R (2011) *Introduction to the ONS Longitudinal Study (England and Wales)*, lecture with hands-on exercises. Workshop on the Longitudinal Studies of England and Wales, Scotland and Northern Ireland, Queen's University Belfast, 12 May.

Other census microdata resources

Integrated Census Microdata Project (I-CeM)

The Integrated Census Microdata (I-CeM) project is a three-year programme to produce an anonymised, integrated dataset of the censuses of Great Britain for the period 1851 to 1911. For further information See: <http://www.essex.ac.uk/history/research/icem/>.

Integrated Public Use Microdata Series (IPUMS)

IPUMS is a series of projects based at the University of Minnesota that specialises in making huge population data resources easily available to academics. One of the projects is IPUMS International which aims to collect samples of census microdata from as many countries world-wide as possible, covering the period from 1960 to the present. Harmonised variables are derived as far as possible from the samples collected in order to facilitate cross-national work and the data are meticulously documented and labelled. Thus far the collection includes 185 censuses from 62 countries. See: <https://international.ipums.org/international/>.

Integrated European Census Microdata (IECM)

IECM has its own website but the service it offers is an offshoot of IPUMS International. It includes the IPUMS European resources but the period covered appears to start in 1950 or occasionally even earlier. See: <http://www.iecm-project.org/>.

Key Links

Centre for Longitudinal Study Information and User Support (CeLSIUS):

<http://www.celsius.lshtm.ac.uk/>

National Statistics Online:

<http://www.statistics.gov.uk/>

ONS Longitudinal Study:

<http://www.ons.gov.uk/about/who-we-are/our-services/longitudinal-study>

Census of Population Programme Data Units Links

census.ac.uk, home of ESRC Census Programme:

<http://census.ac.uk/>

Users wishing to use the data provided by CDU, CIDER, UKBORDERS, and SARs must register via census.ac.uk

Census Dissemination Unit (CDU):

<http://cdu.mimas.ac.uk/>

Centre for Interaction Data Estimation and Research (CIDER):

<http://cids.census.ac.uk/>

UK Boundary datasets (UKBORDERS):

<http://www.edina.ac.uk/ukborders/>

Scottish Longitudinal Study:

<http://www.lscs.ac.uk/>

Samples of Anonymised Records (SARs):

<http://www.ccsr.ac.uk/sars/>

New Advanced Stata course at LSHTM

**Advanced STATA: programming and other techniques to make your life easier
A 5 day course from the Population Studies Department, London School of
Hygiene and Tropical Medicine**

Date: Monday 7th November to Friday 11th November 2011

Cost: £1,000

The course is aimed at researchers and other professionals, from any discipline, who regularly use STATA for analysis but want to learn how to work more efficiently. It would be particularly suited to those who are about to embark on large analyses and who would like a quick guide on how to automate the repetitive parts of the process.

The course will cover:

1. Data handling and manipulation
2. Accessing and outputting results
3. Programming STATA

The course has been running since 2008 and response from participants has been very positive. Participants have commented on the excellent teaching, telling us *"I learnt so much in such a short time"* and *"I would recommend this course to others"*.

Full details of the course can be found at:

<http://www.lshtm.ac.uk/prospectus/short/sasta1.html>

The application form can be downloaded from:

http://www.lshtm.ac.uk/prospectus/howto/advanced_stata_application_form_2011.pdf