

Millennium Cohort Study: MCS Hospital of Birth Coding

A Guide to the Datasets

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Background

Data Availability

In August 2007 ‘anonymised’ hospital of birth and NHS trust was added to the MCS Birth Registration and Hospital Records Dataset (SN 5614). This note describes the coding of these variables and the concurrent deposit of the Hospital and Trust names and codes available under Special Licence (see SN 5724).

Millennium Cohort Study

The Millennium Cohort Study (MCS) is a longitudinal observational study of over 19,500 babies born in the UK between September 2000 and January 2002. Parents of the babies were recruited from Child Benefit Records after being given a chance to opt out by post, telephone or on the doorstep. Parents were interviewed for the first time (sweep 1) when the baby was about 9 months old, and information was collected on social, economic, educational and health factors. The health questions included topics such as the mother’s health during pregnancy, birth and delivery, and the baby’s health immediately after birth.

Mothers responding to the 9 month interview were accordingly asked to give written consent to birth registration and hospital maternity records being added to the survey. This data has been deposited as SN 5614 at the Economic and Social Data Service, see <http://www.esds.ac.uk/findingData/mcsTitles.asp> for more information on MCS see <http://www.cls.ioe.ac.uk/mcs>.

Coding of data

Organisation (Hospital) Site and NHS Trust (NHS Region in Scotland) codes at 2000/2001 were supplied from the National Administrative Codes Service of NHS Connecting for Health for England, Health Solutions Wales of the NHS in Wales, Information Services (DIG) branch of the Information and Statistics Division (ISD) of the NHS in Scotland and the Hospital Information Branch of the Department of Health, Social Services and Public Safety (DHSSPS) in Northern Ireland. These were matched to the self reported hospitals of birth collected at the 9 month interview.

NHS region in Scotland has been generated by CLS as this was not available from ISD. With this exception, it should be possible to match in NHS administrative data.

England and Wales

5 Character Organisation Site Code (hospcode)

3 Character NHS Trust Code (trustcode)

Scotland

5 Character Organisation Site Code (hospcode)

2 character NHS Region (trustcode - CLS generated)

Northern Ireland

5 Character Organisation Site Code (hospcode)

3 Character NHS Trust Code (trustcode)

The Dataset

Variables available with the MCS Birth Registration and Hospital Records Datasets:

Variable	Description
famsrno	Family Serial Number
cbornwh	MCS1: Place of birth recorded at Interview
hmes	Family in Hospital Maternity Episode Data
cofhosp	Country of Hospital
hcodeann	Anonymised Hospital Code
tcodeann	Anonymised NHS Trust Code

Variables available under Special Licence (see SN 5724):

Variable	Description
famsrno	Family Serial Number
cbornwh	MCS1: Place of birth recorded at Interview
hmes	Family in Hospital Maternity Episode Data
cofhosp	Country of Hospital
hospital	Hospital Name
hospcode	Hospital Code
trustname	NHS Trust Name
trustcode	NHS Trust Code

Scope of Data

Coded data is available for all families who responded that the cohort child was born in hospital less those born in hospital outside the UK (n=18095).

cbornwh MCS1: Place of birth recorded at Interview	
	<i>Frequency</i>
1 In hospital	18121
2 At home	345
51 Other/On the way to hospital	22
85 Other answer	14
Total	18502
-8 Don't Know	1
-1 Not known	49
Total Missing	50
<i>Total</i>	<i>18552</i>

cofhosp Country of Hospital	
	<i>Frequency</i>
1 England	11582
2 Wales	2651
3 Scotland	2327
4 Northern Ireland	1916
5 Elsewhere	26
Total	18502
-1 Unknown	50
<i>Total</i>	<i>18552</i>

The variable hmes is provided to indicate those cases which appear in the MCS Birth Registration and Hospital Records Dataset (SN 5614)

hmes Family in Hospital Maternity Episode Dataset

	<i>Frequency</i>
0 No	4508
1 Yes	14044
<i>Total</i>	<i>18552</i>

Queries

Please address queries about this or any other aspect of MCS to: clsfeedback@ioe.ac.uk