CLS Cohort Studies

Data Note 3

Household Grid Variables in the Combined NCDS/BCS70 1999/2000 Data

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Introduction

This document has been prepared to accompany the second deposit, with the UK Data Archive at the University of Essex, of data from the most recent follow-ups of two continuing, multidisciplinary, national, longitudinal studies – the National Child Development Study (NCDS) and the 1970 British Cohort Study (BCS70). The follow-ups took place between November 1999 and September 2000, and it is noteworthy that this was the first time that both cohorts had been surveyed at the same time. They were designed and implemented jointly by the Centre for Longitudinal Studies of the Institute of Education, University of London (CLS), and the National Centre for Social Research (NatCen), on behalf of the Joint Centre for Longitudinal Research. The work was mainly funded by the Economic and Social Research Council (ESRC), but important contributions were also made by a number of government departments, and by the Basic Skills Agency.

NCDS and BCS70

The National Child Development Study (NCDS) started life as the Perinatal Mortality Survey and examined the social and obstetric factors associated with stillbirth and infant mortality among over 17,000 babies born in Britain in the week 3-9 March 1958. Since this first study the whole cohort have been surveyed on five other occasions in order to monitor their health, education, social and economic circumstances. These surveys were carried out in 1965 (age 7), 1969 (age 11), 1974 (age 16), 1981 (age 23) and 1991 (age 33). As part of the 1991 survey, a special study was also undertaken of the children of one third of the cohort members, including assessments of the behaviour and cognitive development of approximately 5,000 children. There have also been surveys of sub-samples of the cohort, the recent occurring in 1996 (age 37) when information was collected on the basic skills of a representative sample of 10 per cent of cohort members.

The 1970 British Cohort Study (BCS70) was designed along similar lines to the NCDS, surveying over 17,000 babies born in Britain in the week 5-11 April 1970. Since the birth survey there have been four other major data collection exercises in order to monitor their health, education, social and economic circumstances. These were carried out in 1975 (age 5), 1980 (age 10), 1986 (age 16) and 1996 (age 26). As in NCDS, sub-samples have been studied at various ages: for example at age 21, paralleling the NCDS survey at age 37, a 10 per cent representative sample was assessed for basic skills difficulties.

From their original focus on the circumstances and outcomes of birth, the two cohort studies have broadened in scope to map all aspects of health, education and social development of their subjects as they passed through childhood and adolescence. In later sweeps, the information collected has covered their transitions into adult life, including leaving full-time education, entering the labour market, setting up independent homes, forming partnerships and becoming parents.

The latest rounds of data collection for NCDS and BCS70 took place in 1999/2000 when NCDS cohort members were aged 41/42 and BCS70 cohort members were aged 29/30. The main aim of these most recent surveys was to explore the factors central to the formation and maintenance of adult identity in each of the following domains:

- Lifelong learning
- Relationships, parenting and housing
- Employment and income
- Health and health behaviour
- Citizenship and values

Background to cleaning of the 1999/2000 household grid data

During the course of the CAPI (computer assisted personal interview) interview information was gathered on the composition of the cohort member's household in order to compile a household grid. This information forms the basis of 40 variables summarizing the gender (SEX2…10), age last birthday (AGE2…10), current marital status (MS2…10) and the relationship to the cohort member (RELTOKE2…RELTOK10) of persons 2 to 10 living in the same household.

The CAPI code used for the questions RELTOKE2 to RELTOKE10 included instructions to interviewers to prevent them from recording: a lodger under 16 years of age, an employer under 16 years of age, a grandparent of the same age or younger as the cohort member, a grandchild of the same age or older as the cohort member, and a parent of the same age or younger than the cohort member.

While this prevented the recording of a number of invalid relationships to the cohort member, the un-cleaned household grid data show a number of potentially anomalous cases. These include children, spouses or partners, parents, siblings and grandparents with invalid ages. Examination of the household grid data also highlighted a second type of problem. For a number of cases, interviewers appear to have incorrectly coded: children of a current spouse/partner (RELTOKE=5) as either stepmother (RELTOKE=15) or stepfather (RELTOKE=16); and full brother/sisters (RELTOKE=8) as either brother- or sister-in-law (RELTOKE=10).

Resolution of anomalous cases

A number of different methods were used to investigate and resolve anomalous values in the household grid. These included using data from elsewhere in the household grid, pregnancy and relationship history variables from the 1999/2000 surveys, and data from the household grid for earlier surveys (e.g. BCS70 26 year-old survey, NCDS5). In those cases where these data were missing or were unable to provide a definitive answer attempts were made to contact cohort members by telephone or letter to provide confirmation of whom they were living with at the time of the 1999/2000 surveys.

As part of the household grid data cleaning exercise a small number of cases (four from NCDS, one from BCS70) where the derived variables indicating the presence in the household of both a partner (NPART=1) and a spouse (NSPOUSE=1) were also investigated and resolved.

In many instances the resolution of anomalous cases in the household grid meant that one or more of the derived variables reflecting the presence of a partner, spouse, parent or child(ren) in the 1999/2000 household have had to be re-derived.

Appendices 1 and 2 provide a brief overview of those cohort members identified to have anomalous household grid data for the 1999/2000 survey. The small number of cases that we were unable to resolve by December 2002, are indicated by means of an asterisk (*).

Appendices 3 and 4 provide confirmation of how anomalous cases were resolved and the sources of data or methods that were used. Appendices 5 and 6 contain the SPSS code used to resolve the anomalous cases, for BCS70 and NCDS respectively.

Cohort Studies User Support Group

This provides advice and guidance on the use of Cohort Studies data; produces documentation; collates and disseminates information on uses of the data, publications, and other developments; produces and distributes a newsletter and working papers; provides access to non-computerised Cohort Studies data; and collects additional information.

Contacting the User Support Group

The User Support Group can be contacted by post, 'phone, fax, or email as shown below:

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BCS70 cases with anomalous household grid data

00160034	10423066
00164035	10652074*
00387068	10867081
00532065	12676084
00792077*	13448029
00841098	14243077
01284043	14288058
01378045	15136027
01508066	15231028
01612068	16351036
01878031	16571043
01955030	17134033
01965006	17817047
02496002	20480000
03325095	
03449025	
03828006	
03971038	
04412048	
04476006	
05077051	
05614031*	
06041049	
06783045	
06917067	
06921092	
07003073	
08235085	
08490020	
08765000	
08861076	
08862051	
09320088	
09591051	
09635072	
09711096	
09761077	
09789031	
09865055	
09895084	54 cases in total

* Anomalous household grid data not resolved by December 2002.

Appendix 2

NCDS cases with anomalous household grid data

010006V
050042A
054005R
082039T
092283M
094035B
095030W
095040Z
140016A
182046X
187039C
227010V
287193W
288035H
300103K
310057M*
513065S
513108J
550302P
620153M
630006D
740073K
820036X
865021M
920012Q*
920016Y
936004E
960017B
960057Q
986339W
X33016M
X35001J
X40036J
X55002Y
X65002E
X78054Y
X70032U*
X82521C

38 cases

* Anomalous household grid data not resolved by December 2002.

Appendix 3

Resolution of 1999/2000 anomalous household grid data for BCS70 Cohort Members (CMs), including sources of data used

1. Serial no. 00160034 (interview date 10/12/1999). Male CM (single, never married) living in a household size of 4.

    Anomalous case: SEX4=1, AGE4=33, MS4=3 (single), RELTOKE4=10 (brother-in-law)

    SHOULD BE: RELTOKE4=8 (brother)

Evidence: CM confirmed that he was living with his brother – this piece of information had been incorrectly entered by the interviewer.

2. Serial no. 00164035 (date of interview 19/01/2000). Female married CM living in a household size of 3 with 38 year-old spouse and own child aged 2.

Current anomalous case: SEX2=1, AGE2=38, AGESTD8=38.00, MS=1 (married), RELTOKE2=11 (natural mother).

SHOULD BE: RELTOKE2=1 (spouse)

Evidence: MARSTAT2=2 (first and only marriage)

Additional changes:

MOTHIN SHOULD BE 2 (no),	currently 1 (yes)
CHD0_6 SHOULD BE 1 (yes),	currently 2 (no)
CHDAGE3 SHOULD BE 2 (no)	currently . (missing)
CHDAGE4 SHOULD BE 2 (no)	currently . (missing)
CHD5_16 SHOULD BE 2 (no)	currently . (missing)
NSPOUSE SHOULD BE 1 (yes),	currently 0 (no)
DMSPPART SHOULD BE 1 (yes),	currently 2 (no)

3. Serial no. 00387068 (interview date 29/04/2000). Male CM, single (never married), living with 34 year-old partner in a household size of 7 with three of his current partner's children aged 16, 15 and 11 and two of his own children aged 0 and 3.

Anomalous cases: SEX3=1, AGE3=16, RELTOKE3=16 (step father)
                     SEX4=1, AGE4=15, RELTOKE4=16 (step father)
                     SEX5=2, AGE5=11, RELTOKE5=16 (step father)

SHOULD BE: **RELTOKE3=5** (child of current partner/spouse)
                     RELTOKE4=5 (child of current partner/spouse)
                     RELTOKE5=5 (child of current partner/spouse)

Evidence: CM started to live together with current partner in 1998 – she has children from a previous relationship living elsewhere.

Additional changes
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),   currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)
CHD16 SHOULD BE 1 (child 16+ years) currently . (missing)
CHD0_6 SHOULD BE 1 (yes)   currently 2 (no)

4. Serial no. 00532065 (interview date 13/04/2000). Male CM, first marriage living with 31 year-old spouse and her children aged 12 and 10.

Anomalous cases: SEX3=1, AGE3=12, RELTOKE3=16 (stepfather)
                     SEX4=1, AGE4=10, RELTOKE4=16 (stepfather)

SHOULD BE: **RELTOKE3=5** (child of current spouse/partner)
                     RELTOKE4=5 (child of current spouse/partner)

Evidence: CM started to live with current spouse in 1995 – they married in 1996 when she was 26. She has no children living elsewhere. CM did NOT participate in the 26-year sweep of BCS70.

Additional changes
ANYCHD SHOULD BE 1 (yes),   currently 2 (no)
CHD16F SHOULD BE 1 (yes),   currently 2 (no)
CHD13F SHOULD BE 1 (yes)   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),   currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)

5. Serial no. 00792077 (interview date 03/02/2000). Male CM (single, never married) living in a household size of 3 with natural mother aged 51 (divorced).

Anomalous case: SEX3=1, AGE3=17, MS3=3 (single), RELTOKE3=10

Anomalous household grid data not resolved: Cohort member did not participate in the 1996 survey. Has moved since 2000 – still waiting to hear by mail whether this is the CM's brother.

6. Serial no. 00841098 (interview date 18/12/1999). Male CM (single, never married) living in a household size of 5 with both natural parents.

Anomalous cases: SEX4=1, AGE4=31, MS4=3 (single), RELTOKE4=10
SEX5=1, AGE5=27, MS5=3, RELTOKE5=10

SHOULD BE: **RELTOKE4=8** (brother)
RELTOKE5=8 (brother)

Evidence: CM was contacted on 24/10/2002 and confirms that these are his brothers.

7. Serial no. 01284043 (interview date 17/01/2000). Male CM, first marriage, living in a household size of 5 with his 28 year-old spouse, her 9 year-old child and his/their own children aged 7 and 1.

Anomalous case: SEX3=1, AGE3=9, RELTOKE3=16 (stepfather)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner)

Evidence: CM started living with current spouse in 1991. The household grid data from BCS70 at age 26 confirms that he was living with a 6 year-old child belonging to his partner.

B960350=1 (male), B960351=6 (years), B960353=6 (partner's child)

Additional changes
CHD0_6 SHOULD BE 1 (yes),   currently 2 (no)

8. Serial no. 01378045 (interview date 13/01/2000). Male CM, first marriage, living in a household size of 4 with his 24 year-old spouse and her two children aged 5 and 0.

Anomalous cases: SEX3=1, AGE3=5, RELTOKE3=16 (step father)
        SEX4=2, AGE4=0, RELTOKE4=15 (step mother)

SHOULD BE: **RELTOKE3=5** (child of current spouse/partner)
       RELTOKE4=5 (child of current spouse/partner)

Evidence: CM started living with current spouse in 1999 when she was 23. In 1996 CM was cohabiting with his former partner and her 6 year-old and 1 year-old boys so these anomalous cases are obviously not his former partner's children.

Additional changes
ANYCHD SHOULD BE 1 (yes),   currently 2 (no)
CHD16F SHOULD BE 1 (yes),   currently 2 (no)
CHD13F SHOULD BE 1 (yes)   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes), currently . (missing)
CHDAGE4 SHOULD BE 1 (yes), currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)

9. Serial no. 01508066 (date of interview 19/01/2000). Married female CM living in a household of 4 with 31 year-old spouse and own children aged 10 and 5.

Current anomalous case: SEX2=1, AGE2=31, AGESTD2=31.00, MS2=1, RELTOKE2=3 (own child)

SHOULD BE: RELTOKE2=1 (spouse)
(Evidence: MARSTAT2=2 (married 1st marriage)

Additional changes:
DMSPPART SHOULD BE 1 (partner present) currently 2 (no)
NSPOUSE SHOULD BE 1 (spouse present) currently 0 (no spouse present)
CHD16 SHOULD BE . (missing)   currently 1 (child 16+ years)
CHD0_6 SHOULD BE 1 (yes)   currently 2 (no)

Appendix 3: BCS70 (contd)

10. Serial no. 01612068 (interview date 03/05/2000). Male CM, first marriage, living with 28 year-old spouse and her 12 year-old child.

Anomalous case: SEX3=1, AGE3=12, RELTOKE3=16 (step father)

SHOULD BE: **RELTOKE3=5** (child of current partner/spouse)
Evidence: CM started to live with current partner in 1992 – she has no children living elsewhere (PARTKIDA=2). CM did not participate in the 26 year-old sweep of BCS70.

Additional changes
ANYCHD SHOULD BE 1 (yes), currently 2 (no)
CHD16F SHOULD BE 1 (yes), currently 2 (no)
CHD13F SHOULD BE 1 (yes) currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes), currently . (missing)
CHDAGE4 SHOULD BE 1 (yes), currently . (missing)
CHD5_16 SHOULD BE 1 (yes), currently . (missing)

11. Serial no. 01878031 (interview date 10/11/1999). Male CM, first marriage, living with 34 year-old spouse, her children aged 10 and 5 and the cohort member's own child aged 0.

Anomalous cases: SEX3=1, AGE3=10, RELTOKE3=16 (step father)
  SEX4=2, AGE4=5, RELTOKE4=16 (step father)

SHOULD BE: **RELTOKE3=5** (child of current partner/spouse)
  RELTOKE4=5 (child of current partner/spouse)

Evidence: CM started to live with current spouse in 1998 – she has no children living elsewhere (PARTKIDA=2). CM did not participate in the 26 year-old sweep of BCS70. The pregnancy history data only confirms one child born on 02/04/1999 (aged 0) and living with the CM at the time of the interview.

Additional changes
CHDAGE3 SHOULD BE 1 (yes), currently . (missing)
CHDAGE4 SHOULD BE 1 (yes), currently . (missing)
CHD5_16 SHOULD BE 1 (yes), currently . (missing)
CHD0_6 SHOULD BE 1 (yes), currently 2 (no)

12. Serial no. 01955030 (date of interview 22/06/2000). Male CM, married (first marriage), living with his 40 year-old spouse, her 13 year-old child and his 3 year-old child.

Anomalous case: SEX4=2 (female), AGE4=13, MS4=. (missing), RELTOKE4=14 (adoptive father)

SHOULD BE: RELTOKE4=5 (child of current spouse/partner)

Evidence from BCS70 at age 26:
B960350=2 (female), B960351=9 (age in 1996), B960353=6 (partner's child)

Additional changes
CHDAGE3 SHOULD BE 1 (yes),	currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),	currently . (missing)
CHD5_16 SHOULD BE 1 (yes),	currently . (missing)
CHD0_6 SHOULD BE 1 (yes),	currently 2 (no)

13. Serial no. 01965006 (date of interview 20/12/2000) single never-married male CM, registered disabled (interview carried out with mother of CM) living with 61 year-old mother and 55 year-old father.

Current anomalous case: SEX2=2, AGE2=61, AGESTD2=., MS2=1, RELTOKE2=3

SHOULD BE: RELTOKE2=11 (natural mother)
(Evidence: INTWHO=3 (proxy), PROXYWHO=1 (mother), DMLN=1 (learn difficulty.)

Current anomalous case: SEX3=1, AGE3=55, AGESTD3=., MS3=1, RELTOKE3=3

SHOULD BE: RELTOKE3=13 (natural father)

Additional changes:
MOTHIN SHOULD BE 1 (yes)	currently 2 (no)
FATHIN SHOULD BE 1 (yes)	currently 2 (no)
ANYCHD SHOULD BE 2 (no)	currently 1 (yes)
CHDAGE3 SHOULD BE 2 (no)	currently 1 (yes)
CHD16 SHOULD BE . (missing)	currently 2 (own children 16+ years)
CHD16N01 SHOULD BE . (missing)	currently 2
CHD16N02 SHOULD BE . (missing)	currently 3
OWNCHILD SHOULD BE 2 (no)	currently 1 (yes)

14. Serial no. 02496002 (interview date 25/11/1999). Male CM, single never married, living with his 28 year-old partner and her children aged 9 and 8.

Anomalous cases: SEX3=1, AGE3=9, RELTOKE3=16 (stepfather)
                     SEX4=2, AGE4=8, RELTOKE4=16 (stepfather)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner), **RELTOKE4=5**
Evidence: CM started to live with current partner in 1994. The household grid data from BCS70 at age 26 confirms that he was living with a 6 year-old male child and a 5 year-old female belonging to his partner.
B960345=1 (male), B960346=6 (years), B960348=6 (partner's child)
B960350=2 (female), B960351=5 (years), B960353=6 (partner's child)

Additional changes
ANYCHD SHOULD BE 1 (yes),   currently 2 (no)
CHD16F SHOULD BE 1 (yes),   currently 2 (no)
CHD13F SHOULD BE 1 (yes)   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),   currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)

15. Serial no. 03325095 (interview date 10/11/1999). Female CM (first marriage) living in a household size of 5, with her 31 year-old spouse and his 12 year-old children and two of her/their own children aged 7 and 0.

Anomalous case: SEX3=1, AGE3=12, RELTOKE3=15 (step mother)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner)
Evidence: This CM started living with her current spouse in 1994 when he was 24. It's not been possible to provide any further confirmation since the CM did not participate in the 26 year-old sweep of BCS70.

Additional changes
CHD0_6 SHOULD BE 1 (yes),   currently 2 (no)

16. Serial no. 03449025 (interview date 12/04/2000). Male CM, first marriage, living with his 37 year-old spouse and her children aged 15 and 10.

Anomalous cases: SEX3=2, AGE3=15, RELTOKE3=16 (stepfather)
                      SEX4=1, AGE4=10, RELTOKE4=16 (stepfather)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner), **RELTOKE4=5**

Evidence: CM started living with his current spouse in 1997. She was divorced when they started living together. At age 26 he was living with both of his parents and three brothers.

Additional changes
ANYCHD SHOULD BE 1 (yes),	currently 2 (no)
CHD16F SHOULD BE 1 (yes),	currently 2 (no)
CHD13F SHOULD BE 1 (yes)	currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),	currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),	currently . (missing)
CHD5_16 SHOULD BE 1 (yes),	currently . (missing)

17. Serial no. 03828006 (interview date 19/01/2000). Female CM (2nd or later marriage) living with her 42 year-old spouse and his children aged 16 and 13.

Anomalous cases: SEX3=1, AGE3=16, RELTOKE3=15 (step mother)
                      SEX4=1, AGE4=13, RELTOKE4=15 (step mother)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner)
                      RELTOKE4=5 (child of current spouse/partner)

Evidence: CM started living with current spouse in 1996 when he was 36 (and legally separated). At the previous sweep of BCS70 the CM was legally separated and living on her own.

Additional changes
ANYCHD SHOULD BE 1 (yes),	currently 2 (no)
CHD16F SHOULD BE 1 (yes),	currently 2 (no)
CHD13F SHOULD BE 1 (yes)	currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),	currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),	currently . (missing)
CHD5_16 SHOULD BE 1 (yes),	currently . (missing)
CHD16 SHOULD BE 1 (child 16+),	currently . (missing)

18. Serial no. 03971038 (date of interview 21/12/1999). Married (first marriage) male CM living in a household size of 7, including 25 year-old spouse, both natural parents and two of his own children, aged 2 and 1.

Current anomalous case: SEX7=1 (male), AGE7=21, AGESTD7=21.00, MS7=3 (single), RELTOKE7=7 (fostered child)

SHOULD BE: **RELTOKE7=8** (brother)

Evidence: CM contacted and confirmed that this was his brother.

Additional changes:
CHDAGE3 SHOULD BE 2 (NO)   currently 1 (yes)
CHDAGE4 SHOULD BE 2 (NO)   currently . (missing)
CHD5_16 SHOULD BE 2 (NO)   currently . (missing)
CHD16 SHOULD BE . (missing)   currently 1 (child 16+ years)
CHD0_6 SHOULD BE 1 (yes)   currently 2 (no)

19. Serial no. 04412048 (interview date 04/03/2000). Male CM (single, never married) appears to be living with BOTH his 36 year-old brother-in-law and 34 year-old sister-in-law.

Anomalous cases: SEX2=1, AGE2=36, MS2=1 (married), RELTOKE2=10 (brother-in-law)

                SEX3=2, AGE3=34, MS3=1, RELTOKE3=10 (sister-in-law)

SHOULD BE: **AGE2=34, AGESTD2=34.00, RELTOKE2=8** (brother)
                AGE3=32, AGESTD3=32.00, RELTOKE3=10 (sister-in-law)

Evidence: The CM's sister-in-law (DOB 09/10/1967) confirmed the above details.

20. Serial no. 04476006 (interview date 08/06/2000). Male CM (single, never married) living with both natural parents and a 25 year-old brother (single).

Anomalous case: SEX5=1, AGE5=17, MS5=3 (single), RELTOKE5=10

SHOULD BE: **RELTOKE5=8** (full brother)

Evidence: Contacted CM's father who confirmed that this was CM's brother (DOB 04/01/1983) who would have been 17 at the time of the interview.

21. Serial no. 05077051 (interview date 05/09/2000). Male CM (single, never married) living in a household size of 4 with both natural parents and a younger, single brother.

Anomalous case: SEX4=1, AGE4=28, MS4=3 (single), RELTOKE4=10 (brother-in-law)

SHOULD BE: **RELTOKE4=8** (brother)

Evidence: The 1996 household grid data shows the CM living with his parents and a 24 year-old brother, who would have been aged 28 in 2000.

22. Serial no. 05614031 (interview date 12/01/2000). Male CM (single, never married) living in a household size of 4 with natural mother and 26 year-old lodger.

Anomalous case: SEX3=1, AGE3=22, MS3=3 (single), RELTOKE3=10

At the 1996 survey the CM was living on their own. In 1986 CM living with mother DOB 17/05/46; adoptive father DOB 01/02/1946; half-sister DOB 03/06/1974; half-brother DOB 02/10/1977. (He would have been 22 on 12/01/2000.)

Anomalous household grid data not resolved: still waiting to receive confirmation by mail from CM whether this was in fact the CM's half-brother.

23. Serial no. 06041049 (interview date 16/12/1999). Female CM (single, never married) living in a household size of 6 with both her natural parents, and brothers aged 27, 26 and 19 (all single).

Anomalous case: SEX6=1, AGE6=19, MS6=3 (single), RELTOKE6=10
SHOULD BE: **RELTOKE6=8** (full brother/sister)

Evidence: On 11/08/1986 CM living with mother DOB 07/08/1947; father DOB 13/08/1945; brother DOB 28/06/1972 (who would have been 27); brother DOB 25/09/1973 (who would have been 26); brother DOB 13/10/1980 (who would have been 19 on 16/12/1999).

24. Serial no. 06783045 (interview date 17/04/2000). Male CM (single, never married) living in a household size of 4 with both natural parents.

Anomalous case: SEX4=1, AGE4=32, MS4=3 (single), RELTOKE4=10

SHOULD BE: **RELTOKE4=8** (brother)

Evidence: The 1996 household grid data shows the CM living with his parents and a 28 year-old brother who would have been aged 32 in 2000.

25. Serial no. 06917067 (date of interview 25/04/2000). Male CM living with his partner.

Current anomalous case: SEX2=2, AGE2=19, AGESTD2=19.00, MS2=2 (cohabiting), RELTOKE2=3 (own child)

SHOULD BE: RELTOKE2=2 (partner)
(Evidence: MS=2 (cohabiting), MARSTAT2=1 (single never married)

Additional queries:
DMSPPART SHOULD BE 1	currently 2 (no)
NPART SHOULD BE 1 (partner present)	currently 0 (no partner present)
ANYCHD SHOULD BE 2 (no)	currently 1 (yes)
CHDAGE3 SHOULD BE 2 (no)	currently 1 (yes)
CHD16 SHOULD BE . (missing)	currently 1 (child 16+ years)
CHD16N01 SHOULD BE . (missing)	currently 2
OWNCHILD SHOULD BE 2 (no)	currently 1 (yes)

26. Serial no. 06921092 (interview date 20/09/2000). Male CM, single (never married) living with his 31 year-old partner and her 9 year-old child.

Anomalous case: SEX3=2, AGE3=9, RELTOKE3=16 (step father)

SHOULD BE: **RELTOKE3=5** (child of current partner/spouse)

Evidence: CM started living with current partner in 1996 – she has children from a previous relationship living elsewhere. There is no pregnancy history data to support that this is the CM's own child. CM did not participate in the 26 year-old sweep of BCS70.

Additional changes
ANYCHD SHOULD BE 1 (yes), currently 2 (no)
CHD16F SHOULD BE 1 (yes), currently 2 (no)
CHD13F SHOULD BE 1 (yes) currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes), currently . (missing)
CHDAGE4 SHOULD BE 1 (yes), currently . (missing)
CHD5_16 SHOULD BE 1 (yes), currently . (missing)

27. Serial no. 07003073 (date of interview 04/04/2000). Married female CM living in a household of 4 with her 39 year-old spouse and their children aged 9 and 5.

Current anomalous case: SEX2=1, AGE2=39, AGESTD2=39.00, MS2=1, RELTOKE2=3 (own child)

SHOULD BE: RELTOKE2=1 (spouse)
(Evidence: MS=1, MARSTAT2=3 (remarried), also checked through pregnancy history data which confirmed the details of the two valid-age children who appear in the household grid.)

Additional changes:
DMSPPART SHOULD BE 1 (yes) currently 2 (no)
NSPOUSE SHOULD BE 1 (spouse present) currently 0 (no spouse present)
CHD16 SHOULD BE . (missing) currently 1 (one child 16+)
CHD0_6 SHOULD BE 1 (yes) currently 2 (no)

28. Serial no. 08235085 (interview date 19/03/2000). Male CM, single (never married), living with his 33 year-old partner and her children aged 4 and 14.

Anomalous case: SEX4=1, AGE4=14, RELTOKE4=16 (step father)

SHOULD BE: **RELTOKE4=5** (child of current partner/spouse)

Evidence: CM started to live with current partner in 1993, when she was 26 and legally separated. She has other children living elsewhere at the time of the 2000 interview. CM did not participate in the 26 year-old sweep of BCS70.

Additional changes
CHD5_16 SHOULD BE 1 (yes), currently . (missing)

29. Serial no. 08490020 (date of interview 13/04/2000). Single (never married) female CM living in a household size of 5, including the CM's widowed natural mother (aged 59), a half adopted step-brother and a half adopted step-sister, aged 11 and 10 respectively.

Current anomalous case: SEX3=1 (male), AGE3=17, AGESTD3=17.00, MS3=3 (single, never married), RELTOKE3=7 (fostered child).

SHOULD BE: **RELTOKE3=22** (friend/unrelated sharer)

Evidence: CM confirmed that her mother was fostering this young man.

Additional changes:
ANYCHD SHOULD BE 2 (no) currently 1 (yes)
CHDAGE3 SHOULD BE 2 (no) currently 1 (yes)
CHDAGE4 SHOULD BE 2 (no) currently . (missing)
CHD5_16 SHOULD BE 2 (NO) currently . (missing)
CHD16 SHOULD BE . (missing) currently 1 (child 16+ years)

30. Serial no. 08765000 (interview date 24/01/2000). Male CM (single, never married) living in a household size of 4 with both natural parents.

Anomalous case: SEX4=1, AGE4=40, MS4=3 (single), RELTOKE4=10

SHOULD BE: **AGE4=48, AGESTD4=48, RELTOKE4=8** (full brother)

Evidence: Both CM and CM's mother confirm that this was one of the CM's brothers (DOB 15/01/1952).

Appendix 3: BCS70 (contd)

31. Serial no. 08861076 (date of interview 31/12/1999, male CM (single, never married, MARSTAT2=1) living with 31 year-old unmarried brother and widowed mother.

Current anomalous case: SEX2=2, AGE2=49, AGESTD2=49.00, MS2=6, RELTOKE2=3 (own child)

SHOULD BE: **RELTOKE2=11** (mother)

Evidence: Spoke to CM's mother who confirmed that she was 49, widowed and living with him on 31/12/1999.

Additional changes:
MOTHIN SHOULD BE 1 (yes)	currently 2 (no)
ANYCHD SHOULD BE 2 (no)	currently 1 (yes)
CHDAGE3 SHOULD BE 2 (no)	currently 1 (yes)
CHDAGE4 SHOULD BE 2 (no)	currently . (missing)
CHD5_16 SHOULD BE 2 (no)	currently . (missing)
CHD16 SHOULD BE . (missing)	currently 1 (child 16+)
CHD16N01 SHOULD BE . (missing)	currently 2
OWNCHILD SHOULD BE 2 (no)	currently 1 (yes)

32. Serial no. 08862051 (interview date 30/08/2000). Female CM (single, never married) living in a household size of 3 with natural mother.

Anomalous case: SEX3=1, AGE3=44, MS3=5 (divorced), RELTOKE3=10

SHOULD BE: **RELTOKE3=8** (full brother)

Evidence: from the 1996 household grid confirms the CM living with his mother and a 39 year-old brother (who would have been 44 by the time of the latest sweep).

B960345=1 (male), B960346=39 (years), B960348=7 (brother)

Appendix 3: BCS70 (contd)

33. Serial no. 09320088 (date of interview 08/02/2000). Male CM living with his 38 year-old spouse, their 2 year-old child and 56 year-old mother-in-law.

Current anomalous case: SEX2=2, AGE2=38, AGESTD2=38.00, MS2=1, RELTOKE2=11 (natural mother)

SHOULD BE: RELTOKE2=1 (spouse)

Evidence: MARSTAT2=2 (first and only marriage)

Additional changes:

AGE3 SHOULD BE 2 (years),	currently 3 (years last birthday)
AGESTD3 SHOULD BE 2.00	currently 3 (years last birthday)
NSPOUSE SHOULD BE 1 (yes),	currently 0 (no)
DMSPPART SHOULD BE 1 (yes),	currently 2 (no)
MOTHIN SHOULD BE 2 (no),	currently 1 (yes)
CHDAGE3 SHOULD BE 1 (yes)	currently . (missing)
CHDAGE4 SHOULD BE 2 (no)	currently . (missing)
CHD5_16 SHOULD BE 2 (no)	currently . (missing)
CHD0_6 SHOULD BE 1 (yes),	currently 2 (no)

34. Serial no. 09591051 (date of interview 13/09/2000). Male CM (married, first marriage) living in a household size of 7.

Current anomalous case: SEX2=1 (male), AGE2=15, RELTOKE2=6 (child of previous spouse/partner)

SHOULD BE: RELTOKE2=5 (child of current spouse)

Evidence: CM living with 39 year-old female spouse (married in 1993), two of the current spouse's teenage children – aged 11 and 12, and two of their own children, aged 4 and 3. I can find no data to suggest that the CM had a partner before living with his current spouse. (e.g. EXPART2=2 (no) suggests that the CM hasn't lived with anyone since the reference date.)

Additional queries:

CHD0_6 SHOULD BE 1 (yes)	currently 2 (no)

35. Serial no. 09635072 (interview date 13/03/2000). Male CM, first marriage, living with his 28 year-old spouse, his 9 year-old child and an adopted child aged 6.

Anomalous case: SEX3=1, AGE3=9, RELTOKE3=16 (stepfather)

SHOULD BE: RELTOKE3=3 (own child)

Evidence: The household grid data for age 26 shows that the CM was living with his then 24 year-old spouse and his 5 year-old male child (who would have been aged 9 in 2000).
B960345=1 (male), B960346=5 (years), B960348=3 (own child)

Additional changes
OWNCHILD SHOULD BE 1 (yes),   currently 2 (no)

36. Serial no. 09711096 (interview date 04/05/2000). Male CM, first marriage, living with 27 year-old spouse, her children aged 7 and 5, and their own child aged 1.

Anomalous cases: SEX3=2, AGE3=7, RELTOKE3=16 (step father)
                    SEX4=2, AGE4=5, RELTOKE4=16 (step father)

SHOULD BE: RELTOKE3=5 (child of current partner/spouse)
                    RELTOKE4=5 (child of current partner/spouse)

Evidence: CM started to live with spouse in 1998. She was previously divorced. The pregnancy history data only shows one child born on 27/02/1999, aged 1 year and living with the CM at the time of interview.

Additional changes
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),   currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)
CHD0_6 SHOULD BE 1 (yes),   currently 2 (no)

37. Serial no. 09761077 (date of interview 26/02/2000). Single, never married female CM living with both natural parents.

Currently anomalous case: SEX3=1, AGE3=34, AGESTD3=34.00, MS3=1, RELTOKE3=13 (natural father).

SHOULD BE: AGE3=54, AGESTD3=54.00

Evidence from 26 year-old BCS70 data: n960345=1 (male), n960346=51, b960348=9 (parent).

38. Serial no. 09789031 (interview date 30/04/2000). Female CM living in a household size of 4 with both natural parents.

Anomalous case: SEX4=1, AGE4=41, MS4=3 (single), RELTOKE4=10
SHOULD BE: **RELTOKE4=8** (full brother)

Evidence: On 29/09/1986 the CM was living with his parents and brother DOB 30/10/1957 (who would have been aged 42.) CM also confirmed that she was living with her brother on 30/04/2000 – NOT brother-in-law.

39. Serial no. 09865055 (date of interview 07/12/1999). Single (never married) male CM living with his 22 year-old partner and their 1 year-old child.

Current anomalous case: SEX2=2 (female), AGE2=22, MS2=2 (cohabiting), RELTOKE2=5 (child of current spouse/partner).

SHOULD BE: RELTOKE2=2 (partner)
Evidence: MS=2 (cohabiting) – other household member is the CM's own 1 year-old female child.

Additional queries:
DMSPPART SHOULD BE 1 (yes)   currently 2 (no)
NPART SHOULD BE 1 (partner present) currently 0 (no partner present)
CHDAGE3 SHOULD BE 2 (no)   currently 1 (yes)
CHDAGE4 SHOULD BE 2 (no)   currently . (missing)
CHD5_16 SHOULD BE 2 (no)   currently . (missing)
CHD16 SHOULD BE . (missing)   currently 1 (one child 16+)
CHD0_6 SHOULD BE 1 (yes)   currently 2 (no)

40. Serial no. 09895084 (interview date 16/11/1999). Male CM (single, never married) living with his 29 year-old partner, her 10 year-old child and their own 1 year-old child.

Anomalous case: SEX3=2, AGE3=10, RELTOKE3=9 (half/adopted stepsister)

Also living with: SEX2=2, AGE2=29, MS2=5 (divorced), RELTOKE2=2 (partner)
                                SEX4=1, AGE4=1, RELTOKE4=3 (own child)

SHOULD BE   **RELTOKE3=5** (child of current spouse/partner)

Evidence: Contacted CM's partner who confirms that this is her child (step-daughter)

Additional changes:
CHDAGE3 SHOULD BE 1 (yes)   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes)   currently . (missing)
CHD5_16 SHOULD BE 1 (yes)   currently . (missing)
CHD0_6 SHOULD BE 1 (yes)   currently 2 (no)

41. 10423066 (date of interview 25/02/2000). Male CM living in a household of 6 with 27 year-old spouse and own children aged 8,6,4 and 1.

Anomalous case: SEX5=2, AGE5=1, RELTOKE5=1 (spouse)

SHOULD BE RELTOKE5=3 (own child)

Evidence from pregnancy history: PREGA=1 (live birth), PREGC=2 (girl), PREGED, PREGEM, PREGEY=20/04/1998, 1 year-old at date of interview.

Additional changes:
RELTOKE6 SHOULD BE 1 (spouse)   currently 2 (partner)

Evidence: This person's marital status (MS6) from the (NCDS6) household grid is 'married'. For the CM MARSTAT2=2 (first and only marriage) – they were married in 1992.

NPART SHOULD BE 0 (no partner present)   currently 1 (partner present)
CHD0_6 SHOULD BE 1 (yes)   currently 2 (no)

42. Serial no. 10652074 (date of interview 15/02/2000, female CM living with a male 36 year-old spouse, 60 year-old mother-in-law and 7 other household members.)

Current anomalous case: SEX4=1, AGE4=40, AGESTD4=40.00, MS4=1(married), RELTOKE4=3 (own child)

Anomalous household grid data not resolved: Looking at the pregnancy history data didn't really help here – since there are discrepancies between the ages of the children (calculated from the pregnancy history data) and the ages recorded in the household grid. This CM didn't participate in BCS70 at age 26.

43. Serial no. 10867081 (interview date 26/11/1999). Female CM (single, never married) living in a household size of 4 with both natural parents.

Anomalous case: SEX4=1, AGE4=36, MS4=5 (divorced), RELTOKE4=10

SHOULD BE: **RELTOKE4=8** (brother)

Evidence: When contacted CM confirmed that this was in fact her brother.

44. Serial no. 12676084 (interview date 24/03/2000). Female CM (single, never married) living in a household size of 4 with both natural parents.

Anomalous case: SEX4=1, AGE4=41, MS4=3 (single), RELTOKE4=10

SHOULD BE: **RELTOKE4=8** (brother)

Evidence: The 1996 household grid data shows the CM living with her parents and a 37 year-old brother who would have been aged 41 in 2000.

Appendix 3: BCS70 (contd)

45. Serial no. 13448029 (date of interview 25/11/2000). Female CM living in a household size of 4 with her 27 year-old spouse and two children aged 4 and 2.

Current anomalous case: SEX3=2, AGE3=54, AGESTD3=54.00, MS3=3, RELTOKE3=3 (own child)

SHOULD BE: AGE3=4, AGESTD3=4.00
(**Evidence from pregnancy histories:** PREGA6=1(live birth), PREGC6=2(girl), PREGED6=12, PREGM6=7, PREGEY6=1995 (12/07/1995)(4 year-old girl)

Current anomalous case: SEX4=1, AGE4=25, AGESTD4=25.00, MS4=3, RELTOKE4=3 (own child)

SHOULD BE: AGE4=2, AGESTD4=2.00
(**Evidence from pregnancy histories:** PREGA=1(live birth), PREGC=1(boy), PREGED=8, PREGEM=9, PREGEY=1997 (08/09/1997) (2 year-old boy)

Additional changes:
CHD16F SHOULD BE 1 (yes)	currently 2 (no)
CHD13F SHOULD BE 1 (yes)	currently 2 (no)
CHDAGE4 SHOULD BE 1 (yes)	currently . (missing)
CHD16 SHOULD BE . (missing)	currently 2 (children 16+ years)
CHD0_6 SHOULD BE 1 (yes)	currently 2 (no)

Appendix 3: BCS70 (contd)

46. Serial no. 14243077 (interview date 20/03/2000). Male CM, single never married, living with his 28 year-old spouse and her children aged 16, 12 and 8.

Anomalous cases: SEX3=1, AGE3=16, MS3=3, RELTOKE3=16 (stepfather)
                                 SEX4=1, AGE4=12, RELTOKE4=16 (stepfather)
                                 SEX5=2, AGE5=8, RELTOKE5=16 (stepfather)

SHOULD BE: **RELTOKE3=5** (child of current spouse/partner),
                                 RELTOKE4=5,
                                 RELTOKE5=5

Evidence: CM started living with his spouse in 1990. The household grid data for age 26 shows him living with a 30 year-old female partner, 12 year-old male child, 9 year-old male child and 5 year-old female child all belonging to his partner.

Additional changes
ANYCHD SHOULD BE 1 (yes),   currently 2 (no)
CHD16F SHOULD BE 1 (yes),   currently 2 (no)
CHD13F SHOULD BE 1 (yes)   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),   currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)
CHD16 SHOULD BE 1 (child 16+),   currently . (missing)

47. Serial no. 14288058 (interview date 21/01/2000). Male CM, legally separated, living with his 30 year-old partner, her children aged 10, 7 and 5, and their own child aged 0.

Anomalous cases: SEX3=2, AGE3=10, RELTOKE3=16 (stepfather)
                                 SEX4=1, AGE4=7, RELTOKE4=16 (stepfather)
                                 SEX5=1, AGE5=5, RELTOKE5=16 (stepfather)

SHOULD BE: **RELTOKE3=5** (child of current spouse/partner)
                                 RELTOKE4=5, RELTOKE5=5

Evidence: CM started to live with current partner in 1998 when she was 28. The pregnancy history data shows a male child born on 11/08/1994 (who would have been aged 5) living elsewhere at the time of the 2000 interview. From this we can assume that these are the children of the CM's current partner. There is no 26-year data.

Additional changes
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),   currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)
CHD0_6 SHOULD BE 1 (yes),   currently 2 (no)

Appendix 3: BCS70 (contd)

48. Serial no. 15136027 (date of interview 17/07/2000). Female CM living with 33 year-old husband and own children aged 14 and 12.

Current anomalous case: SEX4=2, AGE4=112, AGESTD4=112.00, MS4=3, RELTOKE4=3 (own child)

SHOULD BE: AGE4=12, AGESTD4=12.00
(Evidence from pregnancy history: PREGA6=1, PREGC6=2 (girl), PREGED6=3, PREGEM6=2, PREGEY6=1988) (03/02/1988) (12 year-old girl at date of interview)

Additional queries:
CHD13F SHOULD BE 1 (yes)	currently 2 (no)
CHD16 SHOULD BE . (missing)	currently 1 (child 16+ years)

49. Serial no. 15231028 (interview date 30/03/2002). Male CM (divorced) living with his 27 year-old partner and her children aged 11 and 8.

Anomalous cases: SEX3=1, AGE3=11, RELTOKE3=16 (step father)
                             SEX4=2, AGE4=8, RELTOKE4=16 (step father)

SHOULD BE: **RELTOKE3=5** (child of current partner/spouse)
                         RELTOKE4=5 (child of current partner/spouse)

Evidence: CM has two children but they are living elsewhere with his previous partner (ABSKIDA, ABSKIDA6=1). CM's current partner has no children living elsewhere (PARTKIDA=2). CM did not participate in the 26 year-old sweep of BCS70.

Additional changes
ANYCHD SHOULD BE 1 (yes),	currently 2 (no)
CHD16F SHOULD BE 1 (yes),	currently 2 (no)
CHD13F SHOULD BE 1 (yes)	currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),	currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),	currently . (missing)
CHD5_16 SHOULD BE 1 (yes),	currently . (missing)

Appendix 3: BCS70 (contd)

50. Serial no. 16351036 (interview date 20/11/1999). Male CM, single (never married), living with his 35 year-old partner and her 11 year-old child.

Anomalous case: SEX3=2, AGE3=11, RELTOKE3=16 (step father)

SHOULD BE: **RELTOKE3=5** (child of current partner/spouse)

Evidence: CM started to live with current partner in 1994 – she has no children living elsewhere (PARTKIDA=2). CM did not participate in the 26 year-old sweep of BCS70.

Additional changes
ANYCHD SHOULD BE 1 (yes),   currently 2 (no)
CHD16F SHOULD BE 1 (yes),   currently 2 (no)
CHD13F SHOULD BE 1 (yes)   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),   currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)

51. Serial no. 16571043 (date of interview 15/03/2000). Married female CM living with 30 year-old male spouse plus own 1 year-old child.

Current anomalous case: SEX3=1, AGE3=20, AGESTD3=20.00, MS3=3, RELTOKE3=3 (own child)

SHOULD BE: AGE3=1, AGESTD3=1.00
(Evidence from pregnancy history data: PREGA=1, PREGC=1 (boy), PREGED=3, PREGEM=7, PREGEY=1998) (03/07/1998) (1 year-old boy at date of interview)

Additional queries:
CHD16F SHOULD BE 1 (yes)   currently 2 (no)
CHD13F SHOULD BE 1 (yes)   currently 2 (no)
CHD16 SHOULD BE . (missing)   currently 1 (child 16+ years)
CHD0_6 SHOULD BE 1 (yes)   currently 2 (no)

52. Serial no. 17134033 (interview date 16/03/2000). Male CM (single, never married) living in a household size of 3 with natural mother.

Anomalous case: SEX3=1, AGE3=35, MS3=3 (single), RELTOKE3=10

SHOULD BE: RELTOKE3=8 (full brother)

Evidence: from the 1996 household grid confirms the CM living with his mother and a 32 year-old brother (who would have been 35 by the time of the latest sweep).

B960345=1 (male), B960346=32 (years), B960348=7 (brother)

53. Serial no. 17817047 (date of interview 12/04/2000). Female CM living with her 68 year-old mother.

Current anomalous case: SEX2=2, AGE2=68, AGESTD2=., MS2=6 (divorced), RELTOKE2=3 (own child)

SHOULD BE: RELTOKE2=11   (natural mother)
(**Evidence:** INTWHO=3 (Proxy with carer) PROXYWHO=1 (mother) DMLN=1 (learning difficulty), PROXYAC1=5 (never married, never had children, a job etc)

Additional changes:
MARSTAT SHOULD BE 1 (single)	currently . (missing)
MOTHIN SHOULD BE 1 (yes)	currently 2 (no)
ANYCHD SHOULD BE 2 (no)	currently 1 (yes)
CHDAGE3 SHOULD BE 2 (no)	currently 1 (yes)
CHD16 SHOULD BE . (missing)	currently 1 (child 16+)
CHD16N01 SHOULD BE . (missing)	currently 2
OWNCHILD SHOULD BE 2 (no)	currently 1 (yes)

54. Serial no. 20480000 (interview date 07/02/2000). Male CM (single, never married) living in a household size of 4 with both natural parents.

Anomalous case: SEX4=1, AGE4=20, MS4=3 (single), RELTOKE4=10

SHOULD BE: RELTOKE4=8 (brother)

Evidence: Contacted CM's mother who confirmed that this was CM's brother.

Appendix 4

Resolution of 1999/2000 anomalous household grid data for NCDS Cohort Members (CMs), including sources of data used

1. Serial no. 010006V (interview date 08/05/2000). Male CM (second or later marriage) living with his 51 year-old spouse and her children aged 25, 18 and 16.

Anomalous cases: SEX2=2, AGE2=25, MS2=3, RELTOKE2=9 (half/adopted stepsister)
SEX3=2, AGE3=16, MS3=3, RELTOKE3=9 (ditto)
SEX4=1, AGE4=18, MS4=3, RELTOKE4=9 (ditto)

Also living with: SEX5=2, AGE5=51, MS5=1, RELTOKE5=1 (spouse)

SHOULD BE: **RELTOKE2-4=5** (child of current spouse)

Evidence: Unfortunately, it's not possible to provide evidence from NCDS5 (at this time the CM was living with just one parent). However, given that the CM's spouse was divorced when they married and a full ten years older than the CM it's most likely that these are her children from the previous relationship.

Additional changes:
ANYCHD SHOULD BE 1 (yes)	currently 2 (no)
CHD16F SHOULD BE 1 (yes)	currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes)	currently . (missing)
CHDAGE4 SHOULD BE 2 (no)	currently . (missing)
CHD5_16 SHOULD BE 1 (yes)	currently . (missing)
CHD16 SHOULD BE 3 (aged 16+)	currently . (missing)

Appendix 4: NCDS (contd)

2. Serial no. 050042A (interview date 23/02/2000). Male CM (first marriage) living with his 45 year-old spouse and her 16 year-old daughter.

Anomalous case: SEX3=2, AGE3=16, MS3=3, RELTOKE3=9 (half/adopted stepsister)

Also living with: SEX2=2, AGE2=45, MS2=1, RELTOKE2=1 (spouse)

SHOULD BE: **RELTOKE3=5** (child of current spouse/partner)

Evidence from NCDS5 household grid: At NCDS5 the CM was living with his 37 year-old female partner (divorced/separated) and his partner's 12 and 8 year-old daughters.

n502617=2, n502618=37, n502620=2, n502622=4 (37 year-old female partner)
n502623=2, n502624=12, n502626=6, n502628=5 (partner's 12 year-old daughter)
n502629=2, n502630=8, n502632=6, n502634=5 (partner's 8 year-old daughter) (would have been 16 at NCDS6)

NCDS6 shows that the CM's spouse had a child(ren) from a previous relationship living elsewhere.

Additional changes:
ANYCHD SHOULD BE 1 (yes)	currently 2 (no)
CHD16F SHOULD BE 1 (yes)	currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes)	currently . (missing)
CHDAGE4 SHOULD BE 2 (no)	currently . (missing)
CHD5_16 SHOULD BE 1 (yes)	currently . (missing)
CHD16 SHOULD BE 1 (child 16+)	currently . (missing)

Appendix 4: NCDS (contd)

3. Serial no. 054005R (date of interview 01/08/2000). Married (first marriage) female CM with her three children aged 19, 17 and 14.

Currently anomalous case: SEX4=2, AGE4=14, AGESTD4=14.00, MS4=. (missing), RELTOKE4=19 (grandchild).

SHOULD BE: RELTOKE4=3 (own child)
Evidence from NCDS5 household grid: n502635=2 (female), n502636=5 (age at last birthday), n502638=3 (own child), n502640=5 (under 16) (This child would have been 14 at NCDS6.)

Additional changes:
MS SHOULD BE 4 (separated)   currently 1 (married)

Evidence: CM separated from her spouse 03/1999.

CHD16F SHOULD BE 1 (yes)   currently 2 (no)
CHDAGE4 SHOULD BE 1 (yes)   currently . (missing)
CHD5_16 SHOULD BE 1 (yes)   currently . (missing)

4. Serial no. 082039T (date of interview 15/11/1999). Female CM (single, never married) living with her 33 year-old female (divorced) partner and her two children aged 14 and 13.

Anomalous cases: SEX2=1, AGE2=14, RELTOKE2=27 (child of non-relative adult in the household)
                      SEX3=1, AGE3=13, RELTOKE3=27

SHOULD BE: **RELTOKE2=5** (child of current partner)
                    RELTOKE3=5 (child of current partner)
Evidence: CM started to live together with her current partner in 1997. There are NO "non-relative adults" in the household – therefore I believe that these children should be re-classified as "child of current partner".

Additional changes:
ANYCHD SHOULD BE 1 (yes)   currently 2 (no)
CHD16F SHOULD BE 1 (yes)   currently 2 (no)
CHD13F SHOULD BE 1 (yes)   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes)   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes)   currently . (missing)
CHD5_16 SHOULD BE 1 (yes)   currently . (missing)

5. Serial no. 092283M (interview date 17/11/1999). Female CM (divorced) living with own 9 year-old child.

Anomalous case: SEX2=1, AGE2=9, RELTOKE2=8 (full brother/sister)

SHOULD BE: RELTOKE2=3 (own child)
Evidence from NCDS5 household grid: showed the CM (divorced/separated) living with a boy < 1 year, coded as her own child.
N502617=1 (male), n502618=0 (years), n502620=3 (own child), n502622=5 (under 16)

Additional changes:
ANYCHD SHOULD BE 1 (yes)   currently 2 (no)
CHD16F SHOULD BE 1 (yes)   currently 2 (no)
CHD13F SHOULD BE 1 (yes)   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes)   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes)   currently . (missing)
CHD5_16 SHOULD BE 1 (yes)   currently . (missing)
OWNCHILD SHOULD BE 1 (yes)   currently 2 (no)

6. Serial no. 094035B (interview date 13/02/2000). Male CM (divorced and cohabiting with 41 year-old female partner – also divorced) with her children aged 20 and 23.

Anomalous cases: SEX3=2, AGE3=23, RELTOKE3=16 (step father)
                              SEX4=1, AGE4=20, RELTOKE4=16 (step father)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner); **RELTOKE4=5** (child of current spouse/partner).

Evidence from NCDS5 household grid:
N502623=2 (female), N502624=14 (years), N502626=6 (step child or partner's child)
N502629=1 (male), N502630=11 (years), N502632=6 (step child or partner's child)

Additional changes
ANYCHD SHOULD BE 1 (yes),   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 2 (no),   currently . (missing)
CHD5_16 SHOULD BE 2 (no),   currently . (missing)
CHD16 SHOULD BE 2 (aged 16+),   currently . (missing)

7. Serial no. 095030W (interview date 29/04/2000). Male CM (single, never married) living with his 85 year-old father, 75 year-old mother and 37 year-old brother.

Anomalous cases: SEX2=1, AGE2=85, AGESTD2=85.00, RELTOKE2=13 (father)
SEX3=2, AGE3=75, AGESTD3=75.00, RELTOKE3=11 (mother)
SEX4=1, AGE4=37, MS4=3 (single), RELTOKE4=10

SHOULD BE:　　　**AGE2=81, AGESTD2=81.00**
AGE3=77, AGESTD3=77.00
RELTOKE4=8 (full brother/sister)

Evidence: CM's Mother confirmed that the ages that were recorded for her and her husband were incorrect. Also, the fourth person living in the household was the CM's brother, who is 5 years younger.

8. Serial no. 095040Z (date of interview 12/04/2000). Male CM living in a household of 4 with 41 year-old spouse and own children aged 11 and 9.

Anomalous case: 　　　SEX3=2, AGE3=9, RELTOKE3=2 (partner)

SHOULD BE RELTOKE3=3 (own child)
Evidence from NCDS5 household grid: n502629=2(female),
n502630=0 (under 1 year of age), n502632=3(CM own child).

Additional changes:
NPART SHOULD BE 0 (no partner present)　　　currently 1 (partner present)

9. Serial no. 140016A (date of interview 13/02/2000). Male CM (divorced) living with 37 year-old female partner, her children aged 15 and 14 and their 3 year-old.

Anomalous cases: SEX3=2, AGE3=15, RELTOKE3=16 (step mother)
SEX4=2, AGE4=14, RELTOKE4=16 (step mother)

SHOULD BE: RELTOKE3=5 (child of current spouse), RELTOKE4=5 (child of current spouse)

Evidence: This CM started living with his current partner in 1994. She was also divorced when they started living together. During the reference period they had a female child, aged 3 at the time of the interview. CM was living by himself in 1991.

Additional changes
CHDAGE3 SHOULD BE 1 (yes),　　　currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),　　　currently . (missing)
CHD5_16 SHOULD BE 1 (yes),　　　currently . (missing)

10. Serial no. 182046X (date of interview 01/12/1999). Female CM (divorced) living with 79 year-old mother, 42 year-old partner (also divorced), her partner's 16 year-old child and her own 12 year-old daughter.

Anomalous case: SEX5=1, AGE5=16, MS5=3, RELTOKE5=27

SHOULD BE: **RELTOKE5=5** (child of current partner)
Evidence: CM started to live together with her current partner in 1993. Since there are no "non-relative adults" in the household I believe that this child should be re-classified as "child of current partner".

Additional queries
CHD16 SHOULD BE 1 (aged 16+)   currently . (missing)

11. Serial no. 187039C (date of interview 24/02/2000). Male married CM living in a household size of 4 with 42 year-old spouse and own children aged 12 and 9.

Current anomalous case: SEX2=2, AGE2=42, AGESTD2=42.00, MS2=1 (married), RELTOKE2=11 (natural mother).

SHOULD BE: RELTOKE2=1 (spouse)
Evidence from NCDS6: MARSTAT2=2 (1st and only marriage)
Evidence from NCDS5: n502617=2 (female), n502618=33 (years), n502620=1 (lawful spouse), n502622=1 (married/living as married).

Additional queries:
NSPOUSE SHOULD BE 1 (yes),   currently 0 (no)
DMSPPART SHOULD BE 1 (yes),   currently 2 (no)
MOTHIN SHOULD BE 2 (no),   currently 1 (yes)

12. Serial no. 227010V (date of interview 14/01/2000). Male CM (2nd or later marriage) living with his 34 year-old spouse and her 8 year-old child.

Anomalous case: SEX3=1 (male), AGE3=8, RELTOKE3=16 (stepfather)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner)
Evidence: This child is NOT listed in the pregnancy history data – which he would be were he the CM's child. The CM started to live with his current spouse in 1995 – this is also her second marriage. The household grid data from NCDS5 shows that the CM was living with his first wife (aged 27 in 1991) and two children aged 3 and 1 respectively.

Additional changes:
ANYCHD SHOULD BE 1 (yes),   currently 2 (no)
CHD16F SHOULD BE 1 (yes),   currently 2 (no)
CHD13F SHOULD BE 1 (yes),   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),   currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)

13. Serial no. 287193W (date of interview 11/02/2000). Female CM (married, first marriage) living with 45 year-old spouse and one other.

Anomalous case: SEX3=1, AGE3=65, MS3=5 (divorced), RELTOKE3=27 (child of Non-relative adult in the household)

SHOULD BE: RELTOKE3=22 (friend/unrelated sharer)
Evidence - the CM and her husband were/are carers for an older man with learning difficulties.

Appendix 4: NCDS (contd)

14. Serial no. 288035H (date of interview 11/09/2000). Married female CM living in household size of 3 with a 45 year-old spouse and own 14 year-old child.

Current anomalous case: SEX2=1, AGE2=45, MS2=1 (married), RELTOKE2=3 (own child).

SHOULD BE: RELTOKE2=1 (spouse)
Evidence from NCDS6: MARSTAT2=3 (2nd or later marriage), LIVOUT=01/08/1981 (previous relationship ended in 1981).

CM did NOT participate in NCDS5 - therefore it's not possible to provide further evidence from NCDS5 household grid.

Additional changes:
DMSPPART SHOULD BE 1 (yes),   currently 2 (no)
NSPOUSE SHOULD BE 1 (yes),   currently 0 (no)
CHD16 SHOULD BE . (missing)   currently 1 (yes)

15. Serial no. 300103K (date of interview 23/11/1999). Female married CM living in a household size of 4 with her 49 year-old spouse and own children aged 9 and 4.

Current anomalous case: SEX2=1, AGE2=49, AGESTD2=49.00, MS2=1 (married), RELTOKE2=11 (natural mother).

SHOULD BE: RELTOKE2=1 (spouse)

Evidence from NCDS6: MARSTAT2=2 (1st and only marriage)
Evidence from NCDS5: n502617=1(male), n502618=40 (years), n502620=.(relationship to CM data missing), n502622=1 (married/living as married).

Additional queries:
NSPOUSE SHOULD BE 1 (yes),   currently 0 (no)
DMSPPART SHOULD BE 1 (yes),   currently 2 (no)
MOTHIN SHOULD BE 2 (no),   currently 1 (yes)

16. Serial no. 310057M (interview date 26/04/2000). Male CM (legally separated) with only one other household member.

Anomalous case: SEX2=1, AGE2=999, MS2=. (missing), RELTOKE2=10

At the 1991 sweep the CM was living with his wife and children while at 1981 he was living with his parents, a male relative (brother?) aged 11-16 and a female relative (sister?) aged 22-29.

Anomalous household grid data not resolved: CM has moved since 2000. Unable to check back to confirm whether this was the CM's own brother or brother-in-law, and if so what age he was at the date of the interview.

17. Serial no. 513065S (date of interview 19/06/2000). Female CM living in a household of 4 with 41 year-old spouse and own children aged 11 and 9.

Anomalous case: SEX3=1, AGE3=9, RELTOKE3=2 (partner)

SHOULD BE RELTOKE3=3 (own child)
Evidence from NCDS5 household grid: n502629=1 (male), n502630=0 (under 1 year of age), n502632=3 (CM's own child).

Additional changes:
NPART SHOULD BE 0 (no partner present)   currently 1 (partner present)

18. Serial no. 513108J (interview date 11/06/2000). MALE CM (married, 2nd or later marriage) living with a 37 year-old female spouse and her 15 and 17 year-old children.

Anomalous case: SEX2=2, AGE2=17, RELTOKE2=16 (step father)

SHOULD BE: RELTOKE2=5 (child of current spouse/partner)
Evidence: CM started living with his current spouse in 1996. The NCDS6 household includes a 15 year-old girl child of the current spouse. In 1991 the CM was living with both parents.

Additional changes
CHD16 SHOULD BE 1 (child aged 16+),   currently . (missing)

19. Serial no. 550302P (interview date 28/03/2000). Male CM (legally separated) living with one other.

Anomalous case: SEX2=1, AGE2=29, MS2=3, RELTOKE2=8 (full brother)

SHOULD BE: AGE2=39, AGESTD2=39.00

Evidence: CM confirms that his brother's age was coded incorrectly. His brother's DOB is 03/09/1960, making him 39 at the time of the 2000 interview.

20. Serial no. 620153M (date of interview 29/02/2000). Female CM living with 46 year-old spouse and their children aged 12 and 13.

Anomalous case: SEX2=1, AGE2=12, RELTOKE2=1 (spouse)

SHOULD BE: RELTOKE2=3 (own child)
Evidence from NCDS5 household grid: n502629=1(male), n502630=3 (age), n502632=3(own child).

Additional changes:

RELTOKE4 SHOULD BE 1 (spouse)   currently 2 (partner)
Evidence: This person's marital status (MS4) from the (NCDS6) household grid is 'married'. For the CM MARSTAT2=2 (first and only marriage) – they were married in 1979.

NPART SHOULD BE 0 (no partner present)   currently 1 (partner present)

21. Serial no. 630006D (date of interview 02/05/2000). Male CM living in household of 6 with 41 year-old spouse and children aged 10, 8, 6 and 2.

Anomalous case: SEX5=2, AGE5=6, RELTOKE5=2 (partner)

SHOULD BE: RELTOKE5=3 (own child)

Evidence from pregnancy history: PREGA2=1 (live birth), PREGC2=2 (girl), PREGED2, PREGEM2, PREGEY2=23/04/1994, 6 years at date of interview.

Additional changes:
NPART SHOULD BE 0 (no partner present)   currently 1 (partner present)

Appendix 4: NCDS (contd)

22. Serial no. 740073K (interview date 10/11/1999). Female CM (first marriage) living with her 50 year-old spouse, his 21 year-old child and their 14 year-old.

Anomalous case: SEX3=1, AGE3=21, MS3=3, RELTOKE3=9 (half/adopted stepbrother)

Also living with: SEX2=1, AGE2=50, MS2=1, RELTOKE2=1 (spouse) (have lived together since 1982)
SEX4=1, AGE4=14, MS4=., RELTOKE4=3 (own child)

SHOULD BE: **RELTOKE3=5** (child of current spouse/partner)

Evidence from NCDS5 household grid: At NCDS5 CM was living with her 41 year-old male spouse, his 13 year-old son and their 6 year old son.

n502617=1, n502618=41, n502620=1, n502622=1 (41 year-old male spouse)
n502623=1, n502624=13, n502626=6, n502628=5 (partner's 13 year-old son)
n502629=1, n502630=6, n502632=3, n502634=5 (their 6 year-old son)

Additional changes:
CHD16 SHOULD BE 1 (child 16+) currently . (missing)

23. Serial no. 820036X (interview date 10/04/2000). Male CM (first marriage) living with his 48 year-old spouse and her 16 year-old daughter.

Anomalous case: SEX3=2, AGE3=16, MS3=3, RELTOKE3=9 (half/adopted stepsister)

Also living with: SEX2=2, AGE2=48, MS2=1, RELTOKE2=1 (spouse)

SHOULD BE: **RELTOKE3=5** (child of current spouse/partner)

Evidence: At NCDS5 the CM was living with his 63 year-old father and 64 year-old mother. However, given that the CM's spouse was divorced when they married, older than the CM and has a child(ren) from a previous relationship living elsewhere I believe that the relationship to CM should be re-coded as above.

Additional changes:
ANYCHD SHOULD BE 1 (yes) currently 2 (no)
CHD16F SHOULD BE 1 (yes) currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes) currently . (missing)
CHDAGE4 SHOULD BE 2 (no) currently . (missing)
CHD5_16 SHOULD BE 1 (yes) currently . (missing)

24. Serial no. 865021M (date of interview 26/01/2000). Male CM (2nd or later marriage) living with his 38 year-old spouse, her children aged 18 and 12 and their own children aged 9 and 5.

Anomalous case: SEX3=1 (male), AGE3=18, MS3=3, RELTOKE3=16 (stepfather)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner)

Evidence from NCDS5 household grid:
N502623=1 (male), N502624=9 (age in years), N502626=6 (child of partner)

Anomalous case: SEX4=2 (female), AGE4=12, RELTOKE4=16 (stepfather)

SHOULD BE: RELTOKE4=5 (child of current spouse/partner)
Evidence from NCDS5 household grid:
N502629=2 (female), N502630=3 (age in years), N502632=6 (child of partner)

Additional changes
CHD16 SHOULD BE 1 (child 16+ years),   currently . (missing)

25. Serial no. 920012Q (date of interview 14/04/2000). Single, never married male CM living with both natural parents.

Current anomalous cases: SEX2=2, AGE2=999, AGESTD2=999.00, MS2=.(missing), RELTOKE2=11 (natural mother).

SEX3=1, AGE3=999, AGESTD3=999.00, MS3=. (missing), RELTOKE3=13 (natural father).

Looking back through NCDS5 the ages for both parents are coded as '98' (don't know) and at NCDS4 they are coded as 30-59.

Anomalous household grid data not resolved: still to contact CM to clarify parents' ages.

26. Serial no. 920016Y (date of interview 15/03/2000). Married (first marriage) male CM living in a household size of 6.

Current anomalous case: SEX3=2, AGE3=19, AGESTD3=19.00, MS3=3 (single), RELTOKE3=4 (adopted child)

OK – CM confirmed that he adopted both girls aged 19 and 17. (No further changes necessary.)

Appendix 4: NCDS (contd)

27. Serial no. 936004E (interview date 25/02/2000). Male CM (divorced and cohabiting with a 43 year-old female partner) and her 16 year-old child.

Anomalous case: SEX3=2 (female), AGE3=16, RELTOKE3=16 (step mother)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner)
Evidence: CM started living with his current partner, who was also previously married, in 1999. He did not participate in NCDS5.

Additional changes
ANYCHD SHOULD BE 1 (yes),   currently 2 (no)
CHD16F SHOULD BE 1 (yes),   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 2 (no),   currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)
CHD16 SHOULD BE 1 (child 16+ years), currently . (missing)

28. Serial no. 960017B (date of interview 9/12/1999). Married (first marriage) female CM living in a household size of 8 with 35 year-old spouse and 5 own children aged 4, 7, 12, 16 and 20.

Current anomalous case: SEX8=1 (male), AGE8=11, RELTOKE8=19 (grandchild).

SHOULD BE: AGE8=0, AGESTD8=0.0 (under 1 year of age)
Evidence: Contacted CM on 22/10/2002 and she confirmed that at the time of the interview her grandson (DOB: 23/09/1999) was living with her.

29. Serial no. 960057Q (interview date 24/01/2000). Male CM (single, never married) living with 63 year-old father and 62 year-old mother.

Anomalous case: SEX4=2, AGE4=39, MS4=3 (single), RELTOKE4=10

SHOULD BE: RELTOKE4=8 (sister)

Evidence: The 1991 household grid data shows the CM living with his 54 year-old mother, 55 year-old father and a 31 year-old sister.

N502629=2 (female), n502630=31 (years), n502632=7 (sister), n502634=2 (single)

30. Serial no. 986339W (date of interview 17/12/1999). Married (2nd marriage) female CM living in a household size of 3 with 43 year-old spouse and own 25 year-old child.

Current anomalous case: SEX3=1, AGE3=30, AGESTD3=30.00, MS3=3 (single, never married), RELTOKE3=3 (own child).

SHOULD BE: **AGE3=25, AGESTD3=25.00**
Evidence: CM contacted by phone and confirmed that she was living with her son (DOB 8/10/1974) whom she had when she was 16 years of age.

Additional queries:
CHDAGE4 SHOULD BE 2 (no) currently . (missing)
CHD5_16 SHOULD BE 2 (no) currently . (missing)

31. Serial no. X33016M (date of interview 12/04/2000). Married female CM living in household size of 4 with 42 year-old spouse and own children aged 23 and 18.

Current anomalous case: SEX2=1, AGE2=42, AGESTD2=42.00, MS2=3, RELTOKE2=3 (own child).

SHOULD BE: MS2=1 (married), RELTOKE2=1 (spouse)

Evidence from NCDS6: MARSTAT2=2 (married, 1st marriage), MS=1 (married), OTHRELB=26 (years in this relationship).

Evidence from NCDS5 household grid: n502617=1 (male), n502618=34 (age), n502620=1 (spouse), n502622=1 (married).

Additional changes:
DMSPPART SHOULD BE 1 (yes), currently 2 (no)
NSPOUSE SHOULD BE 1 (yes), currently 0 (no)
CHDAGE4 SHOULD BE 2 (no) currently . (missing)
CHD5_16 SHOULD BE 2 (no) currently . (missing)
CHD16 SHOULD BE 2, currently 3 (children aged 16+)
CHD16N03 SHOULD BE . (missing), currently 4

(Note: There are only 2 children in this household – therefore a third child reference is superfluous.)

Appendix 4: NCDS (contd)

32. Serial no. X35001J (date of interview 09/12/1999). Female CM (married, second or later marriage) living with her 53 year-old spouse and his 27 year-old child.

Anomalous case: SEX3=1 (male), AGE3=27, MS3=3, RELTOKE3=15 (stepmother)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner)

Evidence: This CM has been living with her spouse, aged 53 at the time of the interview, since 1989. Since she did not participate in NCDS5 it was not possible to check back in the household grid data for this sweep.

Additional changes:
ANYCHD SHOULD BE 1 (yes),   currently 2 (no)
CHDAGE3 SHOULD BE 2 (no),   currently . (missing)
CHDAGE4 SHOULD BE 2 (no),   currently . (missing)
CHD5_16 SHOULD BE 2 (no),   currently . (missing)
CHD16 SHOULD BE 1 (child 16+),   currently . (missing)

33. Serial no. X40036J (date of interview 27/01/2000). Male CM living in household size of 4 with 29 year-old partner, MARSTAT2=1 (single, never married) and children aged 4 and 0 years.

Current anomalous case: SEX3=1, AGE3=44, AGESTD3=44.00, MS3=3, RELTOKE3=3 (own child).

SHOULD BE: AGE3=4, AGESTD3=4.0, MS3=. (missing under 16 years)

Evidence from pregnancy histories: PREGA6=1 (live birth), PREGC6=1 (boy), PREGED6=1, PREGEM6=6, PREGEY6=1995 (01/06/1995) (4 year-old boy)

Additional changes:
CHDAGE4 SHOULD BE 1 (yes)   currently . (missing)
CHD16 SHOULD BE . (missing)   currently 1 (child 16+ years)

34. Serial no. X55002Y (date of interview 09/12/1999). Female CM with learning difficulties living in household size of 3 with both natural parents.

Current anomalous case: SEX2=2, AGE2=66, AGESTD2=., MS2=1 (married), RELTOKE2=3 (own child).

SHOULD BE: RELTOKE2=11 (natural mother)

Evidence: INTWHO=3 (proxy with carer), PROXYWHO=1 (mother), PROXYAC1=5 (no marriage, children nor job), DMLN=1(learning difficulties).

Additional queries:

MOTHIN SHOULD BE 1 (Yes),	currently 2 (no)
ANYCHD SHOULD BE 2 (No),	currently 1 (yes)
CHDAGE3 SHOULD BE 2 (No),	currently 1 (yes)
CHD16 SHOULD BE . (missing),	currently 1 (yes)
OWNCHILD SHOULD BE 2 (No)	currently 1 (yes)

35. Serial no. X65002E (interview date 20/12/1999). Male CM (2nd or later marriage) living with his 40 year-old spouse and 18 year-old and 14 year-old children, and his spouse's children aged 18 and 15.

Anomalous cases: SEX4=2, AGE4=18, MS4=3, RELTOKE4=9 (half/adopted stepsister)
SEX5=2, AGE5=15, MS5=., RELTOKE5=9

SHOULD BE: **RELTOKE4=5** (child of current spouse/partner)
RELTOKE5=5 (child of current spouse/partner)

Evidence from NCDS5 household grid data: confirms that the CM was living with two girl children belonging to his current spouse.

n502535=2, n502636=10, n502638=6, n502640=5 (10 year-old daughter of partner)
n502641=2, n502642=6, n502644=6, n502646=5 (6 year-old daughter of partner)

Additional changes:
CHD16 SHOULD BE 2 (children 16+)   currently 1

36. Serial no. X78054Y (date of interview 09/11/1999). Male single CM living in a household size of 3 with both natural (married) parents – father aged 65 (AGE2=65) and mother aged 62.

Current anomalous case: SEX3=2 (female), AGE3=52, AGESTD3=52.00, MS3=1 (married), RELTOKE3=11 (natural mother).

SHOULD BE: AGE3=62, AGESTD3=62.00

Evidence: Information provided by the CM confirmed that his mother's age should have been 62.

Additional queries:
CHDAGE3 SHOULD BE 2 (no)   currently . (missing)
CHDAGE4 SHOULD BE 2 (no)   currently . (missing)
CHD5_16 SHOULD BE 2 (no)   currently . (missing)

37. Serial no. X70032U (date of interview 08/12/1999). Male CM (divorced) living in a household size of 4.

Anomalous case: SEX4=1, AGE4=25, MS4=3, RELTOKE4=8 (full brother)
Also living with: SEX2=1, AGE2=61, MS2=5, RELTOKE2=13 (natural father)
                      SEX3=1, AGE3=33, MS3=2, RELTOKE3=8 (full brother)

At NCDS5 on 27/05/1991 the CM was reported living with:
n502617=1, n502618=51, n502620=13, n502622=4 (51 year-old sep/divorced father)
n502623=1, n502624=25, n502626=7, n502628=2 (25 year-old unmarried brother)
n502629=1, n502630=20, n502632=7, n502634=2 (20 year-old unmarried brother)

Anomalous household grid data not resolved: There's an inconsistency between the ages of the brothers at NCDS5 and NCDS6 but unfortunately contacting the CM by phone didn't help – he couldn't remember dates of birth.

38. Serial no. X82521C (interview date 23/03/2000). Male CM (married, first marriage) living with his 38 year-old spouse and her children aged 14 and 10.

Anomalous cases: SEX3=1 (male), AGE3=14, RELTOKE3=16 (step father)
                     SEX4=1 (male), AGE4=10, RELTOKE4=16 (step father)

SHOULD BE: RELTOKE3=5 (child of current spouse/partner); **RELTOKE4=5** (child of current spouse/partner).

Evidence: CM started living with his current spouse (previously divorced) in 1993 – when she was aged 30. There is no evidence that these are the CM's children – since he was living with a 27 year-old partner in 1991 (no children appear in the 1991 household grid).

Additional changes
ANYCHD SHOULD BE 1 (yes),   currently 2 (no)
CHD16F SHOULD BE 1 (yes),   currently 2 (no)
CHD13F SHOULD BE 1 (yes),   currently 2 (no)
CHDAGE3 SHOULD BE 1 (yes),   currently . (missing)
CHDAGE4 SHOULD BE 1 (yes),   currently . (missing)
CHD5_16 SHOULD BE 1 (yes),   currently . (missing)

Appendix 5

SPSS code used to resolve anomalous cases in the household grid for BCS70

```
* COMMENT this variable indicates changes to the household grid data.
Compute h_grid=0.
set mxwarns=0.

* COMMENT example 1.
Do if (bserial='00160034').
Compute h_grid=1.
Compute reltoke4=8.
End if.

* COMMENT example 2.
Do if (bserial='00164035').
Compute h_grid=1.
Compute reltoke2=1.
Compute mothin=2.
Compute chd0_6=1.
Compute chdage3=2.
Compute chdage4=2.
Compute chd5_16=2.
Compute nspouse=1.
Compute dmsppart=1.
End if.

* COMMENT example 3.
Do if (bserial='00387068').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute reltoke5=5.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
Compute chd16=1.
Compute chd0_6=1.
End if.

* COMMENT example 4.
Do if (bserial='00532065').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.
```

```
* COMMENT example 5 - anomalous household grid data not resolved.

* COMMENT example 6.
Do if (bserial='00841098').
Compute h_grid=1.
Compute reltoke4=8.
Compute reltoke5=8.
End if.

* COMMENT example 7.
Do if (bserial='01284043').
Compute h_grid=1.
Compute reltoke3=5.
Compute chd0_6=1.
End if.

* COMMENT example 8.
Do if (bserial='01378045').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.

* COMMENT example 9.
Do if (bserial='01508066').
Compute h_grid=1.
Compute reltoke2=1.
Compute dmsppart=1.
Compute nspouse=1.
Compute chd16=1/0.
Compute chd0_6=1.
End if.

* COMMENT example 10.
Do if (bserial='01612068').
Compute h_grid=1.
Compute reltoke3=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.
```

```
* COMMENT example 11.
Do if (bserial='01878031').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
Compute chd0_6=1.
End if.

* COMMENT example 12.
Do if (bserial='01955030').
Compute h_grid=1.
Compute reltoke4=5.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
Compute chd0_6=1.
End if.

* COMMENT example 13.
Do if (bserial='01965006').
Compute h_grid=1.
Compute reltoke2=11.
Compute reltoke3=13.
Compute mothin=1.
Compute fathin=1.
Compute anychd=2.
Compute chdage3=2.
Compute chd16=1/0.
Compute chd16n01=1/0.
Compute chd16n02=1/0.
Compute ownchild=2.
End if.

* COMMENT example 14.
Do if (bserial='02496002').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.
```

```
* COMMENT example 15.
Do if (bserial='03325095').
Compute h_grid=1.
Compute reltoke3=5.
Compute chd0_6=1.
End if.

* COMMENT example 16.
Do if (bserial='03449025').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.

* COMMENT example 17.
Do if (bserial='03828006').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
Compute chd16=1.
End if.

* COMMENT example 18.
Do if (bserial='03971038').
Compute h_grid=1.
Compute reltoke7=8.
Compute chdage3=2.
Compute chdage4=2.
Compute chd5_16=2.
Compute chd16=1/0.
Compute chd0_6=1.
End if.

* COMMENT example 19.
Do if (bserial='04412048').
Compute h_grid=1.
Compute age2=34.
Compute agestd2=34.00.
Compute reltoke2=8.
Compute age3=32.
Compute agestd3=32.00.
End if.
```

```
* COMMENT example 20.
Do if (bserial='04476006').
Compute h_grid=1.
Compute reltoke5=8.
End if.

* COMMENT example 21.
Do if (bserial='05077051').
Compute h_grid=1.
Compute reltoke4=8.
End if.

* COMMENT example 22 - anomalous household grid data not resolved.

* COMMENT example 23.
Do if (bserial='06041049').
Compute h_grid=1.
Compute reltoke6=8.
End if.

* COMMENT example 24.
Do if (bserial='06783045').
Compute h_grid=1.
Compute reltoke4=8.
End if.

* COMMENT example 25.
Do if (bserial='06917067').
Compute h_grid=1.
Compute reltoke2=2.
Compute dmsppart=1.
Compute npart=1.
Compute anychd=2.
Compute chdage3=2.
Compute chd16=1/0.
Compute chd16n01=1/0.
Compute ownchild=2.
End if.

* COMMENT example 26.
Do if (bserial='06921092').
Compute h_grid=1.
Compute reltoke3=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.
```

```
* COMMENT example 27.
Do if (bserial='07003073').
Compute h_grid=1.
Compute reltoke2=1.
Compute dmsppart=1.
Compute nspouse=1.
Compute chd16=1/0.
Compute chd0_6=1.
End if.

* COMMENT example 28.
Do if (bserial='08235085').
Compute h_grid=1.
Compute reltoke4=5.
Compute chd5_16=1.
End if.

* COMMENT example 29.
Do if (bserial='08490020').
Compute h_grid=1.
Compute reltoke3=22.
Compute anychd=2.
Compute chdage3=2.
Compute chdage4=2.
Compute chd5_16=2.
Compute chd16=1/0.
End if.

* COMMENT example 30.
Do if (bserial='08765000').
Compute h_grid=1.
Compute age4=48.
Compute agestd4=48.00.
Compute reltoke4=8.
End if.

* COMMENT example 31.
Do if (bserial='08861076').
Compute h_grid=1.
Compute reltoke2=11.
Compute mothin=1.
Compute anychd=2.
Compute chdage3=2.
Compute chdage4=2.
Compute chd5_16=2.
Compute chd16=1/0.
Compute chd16n01=1/0.
Compute ownchild=2.
End if.
```

```
* COMMENT example 32.
Do if (bserial='08862051').
Compute h_grid=1.
Compute reltoke3=8.
End if.

* COMMENT example 33.
Do if (bserial='09320088').
Compute h_grid=1.
Compute reltoke2=1.
Compute age3=2.
Compute agestd3=2.00.
Compute nspouse=1.
Compute dmsppart=1.
Compute mothin=2.
Compute chdage3=1.
Compute chdage4=2.
Compute chd5_16=2.
Compute chd0_6=1.
End if.

* COMMENT example 34.
Do if (bserial='09591051').
Compute h_grid=1.
Compute reltoke2=5.
Compute chd0_6=1.
End if.

* COMMENT example 35.
Do if (bserial='09635072').
Compute h_grid=1.
Compute reltoke3=3.
Compute ownchild=1.
End if.

* COMMENT example 36.
Do if (bserial='09711096').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
Compute chd0_6=1.
End if.

* COMMENT example 37.
Do if (bserial='09761077').
Compute h_grid=1.
Compute age3=54.
Compute agestd3=54.00.
End if.
```

```
* COMMENT example 38.
Do if (bserial='09789031').
Compute h_grid=1.
Compute reltoke4=8.
End if.

* COMMENT example 39.
Do if (bserial='09865055').
Compute h_grid=1.
Compute reltoke2=2.
Compute dmsppart=1.
Compute npart=1.
Compute chdage3=2.
Compute chdage4=2.
Compute chd5_16=2.
Compute chd16=1/0.
Compute chd0_6=1.
End if.

* COMMENT example 40.
Do if (bserial='09895084').
Compute h_grid=1.
Compute reltoke3=5.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
Compute chd0_6=1.
End if.

* COMMENT example 41.
Do if (bserial='10423066').
Compute h_grid=1.
Compute reltoke5=3.
Compute reltoke6=1.
Compute npart=0.
Compute chd0_6=1.
End if.

* COMMENT example 42 - anomalous household grid data not resolved.

* COMMENT example 43.
Do if (bserial='10867081').
Compute h_grid=1.
Compute reltoke4=8.
End if.

* COMMENT example 44.
Do if (bserial='12676084').
Compute h_grid=1.
Compute reltoke4=8.
End if.
```

```
* COMMENT example 45.
Do if (bserial='13448029').
Compute h_grid=1.
Compute age3=4.
Compute agestd3=4.00.
Compute age4=2.
Compute agestd4=2.00.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage4=1.
Compute chd16=1/0.
Compute chd0_6=1.
End if.

* COMMENT example 46.
Do if (bserial='14243077').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute reltoke5=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
Compute chd16=1.
End if.

* COMMENT example 47.
Do if (bserial='14288058').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute reltoke5=5.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
Compute chd0_6=1.
End if.

* COMMENT example 48.
Do if (bserial='15136027').
Compute h_grid=1.
Compute age4=12.
Compute agestd4=12.00.
Compute chd13f=1.
Compute chd16=1/0.
End if.
```

```
* COMMENT example 49.
Do if (bserial='15231028').
Compute h_grid=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.

* COMMENT example 50.
Do if (bserial='16351036').
Compute h_grid=1.
Compute reltoke3=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.

* COMMENT example 51.
Do if (bserial='16571043').
Compute h_grid=1.
Compute age3=1.
Compute agestd3=1.00.
Compute chd16f=1.
Compute chd13f=1.
Compute chd16=1/0.
Compute chd0_6=1.
End if.

* COMMENT example 52.
Do if (bserial='17134033').
Compute h_grid=1.
Compute reltoke3=8.
End if.

* COMMENT example 53.
Do if (bserial='17817047').
Compute h_grid=1.
Compute reltoke2=11.
Compute marstat=1.
Compute mothin=1.
Compute anychd=2.
Compute chdage3=2.
Compute chd16=1/0.
Compute chd16n01=1/0.
Compute ownchild=2.
End if.
```

```
* COMMENT example 54.
Do if (bserial='20480000').
Compute h_grid=1.
Compute reltoke4=8.
End if.
```

Appendix 6:

SPSS code used to resolve anomalous cases in the household grid for NCDS

```
* COMMENT this variable indicates changes to the household grid data.
Compute h_grid1=0.
set mxwarns=0.

* COMMENT example 1.
Do if (nserial='010006V').
Compute h_grid1=1.
Compute reltoke2=5.
Compute reltoke3=5.
Compute reltoke4=5.
Compute anychd=1.
Compute chd16f=1.
Compute chdage3=1.
Compute chdage4=2.
Compute chd5_16=1.
Compute chd16=3.
End if.

* COMMENT example 2.
Do if (nserial='050042A').
Compute h_grid1=1.
Compute reltoke3=5.
Compute anychd=1.
Compute chd16f=1.
Compute chdage3=1.
Compute chdage4=2.
Compute chd5_16=1.
Compute chd16=1.
End if.

* COMMENT example 3.
Do if (nserial='054005R').
Compute h_grid1=1.
Compute reltoke4=3.
Compute ms=4.
Compute chd16f=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.
```

```
* COMMENT example 4.
Do if (nserial='082039T').
Compute h_grid1=1.
Compute reltoke2=5.
Compute reltoke3=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.

* COMMENT example 5.
Do if (nserial='092283M').
Compute h_grid1=1.
Compute reltoke2=3.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
Compute ownchild=1.
End if.

* COMMENT example 6.
Do if (nserial='094035B').
Compute h_grid1=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute anychd=1.
Compute chdage3=1.
Compute chdage4=2.
Compute chd5_16=2.
Compute chd16=2.
End if.

* COMMENT example 7.
Do if (nserial='095030W').
Compute h_grid1=1.
Compute age2=81.
Compute agestd2=81.00.
Compute age3=77.
Compute agestd3=77.00.
Compute reltoke4=8.
End if.

* COMMENT example 8.
Do if (nserial='095040Z').
Compute h_grid1=1.
Compute reltoke3=3.
Compute npart=0.
End if.
```

```
* COMMENT example 9.
Do if (nserial='140016A').
Compute h_grid1=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.

* COMMENT example 10.
Do if (nserial='182046X').
Compute h_grid1=1.
Compute reltoke5=5.
Compute chd16=1.
End if.

* COMMENT example 11.
Do if (nserial='187039C').
Compute h_grid1=1.
Compute reltoke2=1.
Compute nspouse=1.
Compute dmsppart=1.
Compute mothin=2.
End if.

* COMMENT example 12.
Do if (nserial='227010V').
Compute h_grid1=1.
Compute reltoke3=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.

* COMMENT example 13.
Do if (nserial='287193W').
Compute h_grid1=1.
Compute reltoke3=22.
End if.

* COMMENT example 14.
Do if (nserial='288035H').
Compute h_grid1=1.
Compute reltoke2=1.
Compute dmsppart=1.
Compute nspouse=1.
Compute chd16=1/0.
End if.
```

```
* COMMENT example 15.
Do if (nserial='300103K').
Compute h_grid1=1.
Compute reltoke2=1.
Compute nspouse=1.
Compute dmsppart=1.
Compute mothin=2.
End if.

* COMMENT example 16 - anomalous household grid data not resolved.

* COMMENT example 17.
Do if (nserial='513065S').
Compute h_grid1=1.
Compute reltoke3=3.
Compute npart=0.
End if.

* COMMENT example 18.
Do if (nserial='513108J').
Compute h_grid1=1.
Compute reltoke2=5.
Compute chd16=1.
End if.

* COMMENT example 19.
Do if (nserial='550302P').
Compute h_grid1=1.
Compute age2=39.
Compute agestd2=39.00.
End if.

* COMMENT example 20.
Do if (nserial='620153M').
Compute h_grid1=1.
Compute reltoke2=3.
Compute reltoke4=1.
Compute npart=0.
End if.

* COMMENT example 21.
Do if (nserial='630006D').
Compute h_grid1=1.
Compute reltoke5=3.
Compute npart=0.
End if.

* COMMENT example 22.
Do if (nserial='740073K').
Compute h_grid1=1.
Compute reltoke3=5.
Compute chd16=1.
End if.
```

Appendix 6: NCDS (contd)

```
* COMMENT example 23.
Do if (nserial='820036X').
Compute h_grid1=1.
Compute reltoke3=5.
Compute anychd=1.
Compute chd16f=1.
Compute chdage3=1.
Compute chdage4=2.
Compute chd5_16=1.
End if.

* COMMENT example 24.
Do if (nserial='865021M').
Compute h_grid1=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute chd16=1.
End if.

* COMMENT example 25 - anomalous household grid data not resolved.

* COMMENT example 26 - OK.

* COMMENT example 27.
Do if (nserial='936004E').
Compute h_grid1=1.
Compute reltoke3=5.
Compute anychd=1.
Compute chd16f=1.
Compute chdage3=1.
Compute chdage4=2.
Compute chd5_16=1.
Compute chd16=1.
End if.

* COMMENT example 28.
Do if (nserial='960017B').
Compute h_grid1=1.
Compute age8=0.
Compute agestd8=0.00.
End if.

* COMMENT example 29.
Do if (nserial='960057Q').
Compute h_grid1=1.
Compute reltoke4=8.
End if.
```

```
* COMMENT example 30.
Do if (nserial='986339W').
Compute h_grid1=1.
Compute age3=25.
Compute agestd3=25.00.
Compute chdage4=2.
Compute chd5_16=2.
End if.

* COMMENT example 31.
Do if (nserial='X33016M').
Compute h_grid1=1.
Compute ms2=1.
Compute reltoke2=1.
Compute dmsppart=1.
Compute nspouse=1.
Compute chdage4=2.
Compute chd5_16=2.
Compute chd16=2.
Compute chd16n03=1/0.
End if.

* COMMENT example 32.
Do if (nserial='X35001J').
Compute h_grid1=1.
Compute reltoke3=5.
Compute anychd=1.
Compute chdage3=2.
Compute chdage4=2.
Compute chd5_16=2.
Compute chd16=1.
End if.

* COMMENT example 33.
Do if (nserial='X40036J').
Compute h_grid1=1.
Compute age3=4.
Compute agestd3=4.00.
Compute ms3=1/0.
Compute chdage4=1.
Compute chd16=1/0.
End if.

* COMMENT example 34.
Do if (nserial='X55002Y').
Compute h_grid1=1.
Compute reltoke2=11.
Compute mothin=1.
Compute anychd=2.
Compute chdage3=2.
Compute chd16=1/0.
Compute ownchild=2.
End if.
```

```
* COMMENT example 35.
Do if (nserial='X65002E').
Compute h_grid1=1.
Compute reltoke4=5.
Compute reltoke5=5.
Compute chd16=2.
End if.

* COMMENT example 36.
Do if (nserial='X78054Y').
Compute h_grid1=1.
Compute age3=62.
Compute agestd3=62.00.
Compute chdage3=2.
Compute chdage4=2.
Compute chd5_16=2.
End if.

* COMMENT example 37 - anomalous household grid data not resolved.

* COMMENT example 38.
Do if (nserial='X82521C').
Compute h_grid1=1.
Compute reltoke3=5.
Compute reltoke4=5.
Compute anychd=1.
Compute chd16f=1.
Compute chd13f=1.
Compute chdage3=1.
Compute chdage4=1.
Compute chd5_16=1.
End if.
```