National Child Development Survey

2013 Follow-up: Derived Variables
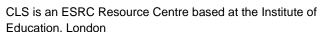
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Introduction

This User Guide describes the dataset of derived variables for the 2013 sweep of the National Child Development Study (NCDS). This dataset is deposited with the NCDS 2013 follow-up datasets at the UK Data Archive. Further variables will be derived and deposited in due course.

The derived variables included in the NCDS 2013 follow-up derived variables dataset, 'ncds_2013_derived', are as follows:

Country and Region variables:

Variable	Variable label
ND9CNTRY	Country of Interview (2013)
ND9GOR	Government Office Region of residence (2013)
ND9REGN	Standard Statistical Region (2013)

Key variables:

ND9HSIZE	Number of persons in CM's household
ND9MS	CM's legal marital status
ND9COHAB	Whether CM cohabiting as a couple
ND9PARTP	Whether CM lives with a spouse or partner
ND9PAGE	Age Of CM's Partner
ND9PID	HH Number Of CM's Partner/Spouse/Civil Partner
ND9PSEX	Gender Of CM's Partner
ND9FATHN	Whether CM's Father in HH (incl. adoptive / step)
ND9MOTHN	Whether CM's Mother in HH (incl. adoptive / step)
ND9NUMCH	Number Of Children in HH
ND9NMGCH	(Derived) Num CM's grandchildren in HH(N.B. other child related DVs don't
ND9NOCHH	Number of own children in household
ND9NPCHH	Number of children of current or previous partner in household
ND9AYCHH	Age of youngest child (under 19) in household
ND9NC2H	Number of children aged 0 to 2 in household
ND9NC4H	Number of children aged 3 to 4 in household
ND9NC11H	Number of children aged 5 to 11 in household
ND9NC15H	Number of children aged 12 to 15 in household
ND9NACAB	Number of absent children (including step-children etc)
ND9NOCAB	Number of absent children - own children only
ND9TOTAC	Total number of children (in HH or absent, including step-children etc)
ND9TOTOC	Total number of children (in HH or absent) - own children only
ND9WCDIE	Whether had any (own) children who have died
ND9NCDIE	Number of own children who have died
ND9TOTCE	Total number of children ever had
ND9MALIV	Whether mother alive
ND9PALIV	Whether father alive
ND9ECACT	Current economic activity status
ND9PEACT	Partner's current economic activity status
ND9WRBEN	Whether receives any benefits
ND9NUALC	Number of units of alcohol consumed in last 7 days
ND9HGHTM	Height in metres
ND9WGHTK	Weight in kilograms
ND9BMI	Body mass index
ND9WP12M	Whether had period in last 12 months
ND9ALSTP	Age at last period
ND9MLSTP	Month of year at last period

Highest qualification variables

ND9ACHQ1	(Derived) Highest Academic Qualification CM obtained in 2013 survey
ND9ANVQ1	(Derived) Highest NVQ level from an academic qualification in 2013 survey
ND9VNVQ1	(Derived) Highest NVQ Level from a Vocational Qualification in 2013 survey
ND9NVQ1	(Derived) Highest NVQ Level from an Academic or Vocational Qual in 2013
ND9HACHQ	(Derived) Highest Academic Qualification up to 2013 (see var nd9hqflg)
ND9HANVQ	(Derived) Highest NVQ level from acad qual up to 2013(see var nd9hqflg)
ND9HVNVQ	(Derived) Highest NVQ Level from Voc Qual up to 2013(see var nd9hqflg)
ND9HNVQ	(Derived) Highest NVQ Level frm Acad/Voc Qual to 2013(see var nd9hqflg)
ND9HQFLG	(Derived) Highest qualifications missing information flag

Scale variables

ND9DISEQ	Disability classification Equality act (2010)
ND9DISLS	Disability classification EU-SILC

Country of interview derived variable

The Country of Interview variable ND9cntry is taken from the country where the 2013 interview took place (England, Wales, Scotland) or whether not resident in the U.K.

Region derived variables

The Standard Region of residence variable, ND9regn, and the Government Office Region of residence variable, ND9gor, are the region variables for the residence of the cohort member at the 2013 interview. For details of how these variables are derived, please refer to the document 'NCDS Revised Region Variables_2013 included in the deposit.

Derived key variables

The derived key variables include ND9hsize, ND9ms. ND9cohab, ND9numch, ND9fathn, ND9mothn, ND9totoc, ND9totce, ND9maliv, ND9paliv, ND9ecact, ND9peact, ND9wrben, ND9nualc, ND9hghtm, ND9wghtk, ND9bmi. See Appendix 1 for the details of the derivation of all the derived key variables.

Highest qualification derived variables

The highest qualification derived variables are ND9achq1, ND9anvq1, ND9vnvq1, ND9nvq1, ND9hachq, ND9hanvq, ND9hvnvq, ND9hnvq. For details of how these variables are derived, please refer to CLS Cohort Studies Datanote 2011/1 'Deriving Highest Qualification in NCDS and BCS70' (http://www.cls.ioe.ac.uk/ncds6_datanotes). An update to this data note is in preparation.

It should be noted that where cohort members have not been interviewed in the last two sweeps they are asked about qualifications gained since 2004 and therefore there may be gaps in the qualifications data. The derivation of the NCDS 2013 highest qualification derived variables is handled as follows: for cohort members last interviewed in 2000 there is potentially a four year gap,

for these cases the highest qualifications derived variables have been computed and the flag variable ND9HQFLG has been set to 1 ('No qualification data 2000-2004,sweep9 highest qualifications DVs computed ') ; for those cases last interviewed before 2000, the highest qualifications derived variables have not been computed and the flag variable ND9HQFLG has been set to 2-4 ('Missing qualifications data, sweep9 highest qualifications DVs not computed').

Derived scale variables

The derived scale variables are ND9diseq and ND9disls. See appendix 2 for details of the derivation of these scale variables.

Appendices

Appendix 1: Definition of derived key variables

The derived key variables were derived from variables included in the NCDS 2013 follow-up datasets. The key variables and the variables they were derived from are as follows:

Variable name	Variable label	Derived using variables
ND9HSIZE	Number of persons in CM's household	n9gslive (ncds_2013_persongrid)
ND9MS	CM's legal marital status	n9hms, n9marchk, n9divchk (ncds_2013_flatfile)
ND9COHAB	Whether CM cohabiting as a couple	n9gslive n9grtok (ncds_2013_persongrid)
ND9PARTP	Whether CM lives with a spouse or partner	n9gslive n9grtok (ncds_2013_persongrid)
ND9PAGE	Age Of CM's Partner	n9gslive n9grtok n9gage (ncds_2013_persongrid)
ND9PID	HH Number Of CM's Partner/Spouse/Civil Partner	n9gslive n9grtok n9gridid (ncds_2013_persongrid
ND9PSEX	Gender Of CM's Partner	n9gslive n9grtok n9gsex (ncds_2013_persongrid
ND9FATHN	Whether CM's Father in HH (incl adoptive / step)	n9gslive n9grtok (ncds_2013_persongrid)
ND9MOTHN	Whether CM's Mother in HH (incl adoptive / step)	n9gslive n9grtok (ncds_2013_persongrid)
ND9NUMCH	Number Of Children in HH	n9gslive n9grtok (ncds_2013_persongrid)
ND9NMGCH	(Derived) Num CM's grandchildren in HH(N.B. other child related DVs don't include grandchildren)	n9gslive n9grtok (ncds_2013_persongrid)
ND9NOCHH	Number of own children in household	n9gslive n9grtok (ncds_2013_persongrid)
ND9NPCHH	Number of children of current or previous partner in household	n9gslive n9grtok (ncds_2013_persongrid)
ND9AYCHH	Age of youngest child (under 19) in household	n9gslive n9grtok n9gage (ncds_2013_persongrid)
ND9NC2H	Number of children aged 0 to 2 in household	n9gslive n9grtok n9gage (ncds_2013_persongrid)
ND9NC4H	Number of children aged 3 to 4 in household	n9gslive n9grtok n9gage (ncds_2013_persongrid)
ND9NC11H	Number of children aged 5 to 11 in household	n9gslive n9grtok n9gage (ncds_2013_persongrid)
ND9NC15H	Number of children aged 12 to 15 in household	n9gslive n9grtok n9gage (ncds_2013_persongrid)
ND9NACAB	Number of absent children (including step-children etc)	n9gslive n9grtok n9gdied (ncds_2013_persongrid)
ND9NOCAB	Number of absent children - own children only	n9gslive n9grtok n9gdied (ncds_2013_persongrid)
ND9TOTAC	Total number of children (in HH or absent, incl. step-children etc)	n9grtok (ncds_2013_persongrid)
ND9TOTOC	Total number of children (in HH or absent) - own children only	n9grtok (ncds_2013_persongrid)
ND9WCDIE	Whether had any (own) children who have died	n9dchany (ncds_2013_flatfile) n9grtok n9gdied (ncds_2013_persongrid)
ND9NCDIE	Number of own children who have died	n9dchmny (ncds_2013_flatfile) n9grtok n9gdied (ncds_2013_persongrid)
ND9TOTCE	Total number of own children ever had	nd9totoc,nd9ncdie (ncds_2013_derived)
ND9MALIV	Whether mother alive	n9malive (ncds_2013_flatfile) n9grtok n9gdied (ncds_2013_persongrid)
ND9PALIV	Whether father alive	n9palive (ncds_2013_flatfile) n9grtok n9gdied (ncds_2013_persongrid)
ND9ECACT	Current economic activity status	Activity from last sweep n9activ n9curac (ncds_2013_flatfile) n9aactiv (ncds_2013_employment)
ND9PEACT	Partner's current economic activity status	n9pcnct2 n9pcnct3 n9pcnct4 (ncds_2013_flatfile)
ND9WRBEN	Whether receives any benefits	n9incc1 (ncds_2013_flatfile)
ND9NUALC	Number of units of alcohol consumed in last 7 days	n9units (ncds_2013_flatfile)

ND9HGHTM	Height in metres	height htmetres htcms htfeet htinches height2 htmetre2 htcms2 htfeet2 htinche2 (swp6) n8height n8htmees n8htcms n8htfeet n8htines n8xheigt n8xhtmtr n8xhtcms n8xhtft n8xhtins (swp8) n9height n9htmees n9htcms n9htfeet n9htines (ncds_2013_flatfile)
ND9WGHTK	Weight in kilograms	n9weigh n9wtkis n9wtste n9wtpod (ncds_2013_flatfile)
ND9WGHTF	(Derived) Whether weight in kgs computed from stones data only	n9weigh n9wtste n9wtpod (ncds_2013_flatfile)
ND9BMI	Body mass index	nd9wghtk nd9hghtm (ncds_2013_derived)
ND9WP12M	Whether had period in last 12 months	n9men12m (ncds_2013_flatfile)
ND9ALSTP	Age at last period	hadopage (biomedical) n8menage (swp8) n9menage (ncds_2013_flatfile)
ND9MLSTP	Month of year at last period	hadopmth (biomedical) n8menmth (swp8) n9men12m (ncds_2013_flatfile)

Appendix 2: Deriving scores to questionnaire scales

Disability classification according to Equality act 2010: ND9diseq

If an individual does not have a longstanding illness or condition (N9LOIL=2) or if their long standing illness or condition does not reduce ability to carry out day to day activities (N9LOIL = 1 AND N9LOLM = 3) then ND9DISEQ = 0 (cohort member is not disabled).

If an individual does have a longstanding illness or condition (N9LOIL=1) and if their long standing illness or condition does reduce ability to carry out day to day activities a lot or a little (N9LOLM = 1 OR N9LOLM = 2) then ND9DISEQ =1 (cohort member is disabled).

EU-SILC classification of disability by extent: ND9disls

If an individual does not have a longstanding illness or condition (N9LOIL=2) or if they do does have a longstanding illness or condition but this does not reduce ability to carry out day to day activities or the length of time that the ability to carry out day to day activities has been reduced is less than 6 months   (N9LOIL = 1 AND (N9LOLM=3 or N9LOLP = 1)) then the cohort member does not have an EU-SILC long-standing health condition (ND9DISLS=0).

If an individual does have a longstanding illness or condition and their ability to carry out day to day activities is reduced a little for 6 months or more (N9LOIL = 1 AND (N9LOLP = 3 OR N9LOLP = 2) AND (N9LOLM = 2)) then the cohort member is categorised as being disabled, hampered to some extent. (ND9DISLS=1).

If CM does have a longstanding illness or condition and the CM's ability to carry out day to day activities is reduced a lot for 6 months or more (N9LOIL = 1 AND (N9LOLP = 3 OR N9LOLP = 2) AND (N9LOLM = 1)) then the cohort member is categorised as being disabled, severely hampered. (ND9DISLS=2).

For more information see ONS document 'Long-lasting Health Conditions and Illnesses; Impairments and Disability': http://www.ons.gov.uk/ons/guide-method/harmonisation/primary-set-of-harmonised-concepts-and-questions/index.html.

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