

The cohort studies by scientific theme/discipline

CENTRE FOR
LONGITUDINAL
STUDIES



Economic
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Subject areas

- Physical health
- Mental health
- Family and relationships
- Earnings and income
- Education, ability and cognitive measures
- Social care

...but there are many more

Typical information covered



Birth

Household composition
Parental social class
Obstetric history
Smoking in pregnancy
Pregnancy (problems, antenatal care)
Labour (length, pain relief, problems)
Birthweight, length



School years

Household composition
Parental social class
Parental employment
Financial circumstances
Housing
Health
Cognitive tests
Emotions and behaviour
School
Views and expectations
Attainment



Adult

Household composition
Employment
Social class
Income
Housing
Health (including biomarkers)
Well-being and mental health
Health-related behaviour
Training and qualifications
Basic skills
Cognitive tests
Views and expectations

Physical Health

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Physical health measures	NCDS 58	BCS 70	NS 89	MCS 01
Self assessed general health	7, 11, 16, 33, 44, 46, 50	5, 10, 16, 34, 42, 50	25	3, 5, 7, 11, 14
BMI, Height, Weight	7, 11, 16, 23, 33, 42, 44, 50	10, 16, 26, 30, 34, 42	25	3, 7, 11, 14, 17
Hospital Episodes Statistics:	England & Scotland ✓	England & Scotland ✓	England ✓	Scotland & Wales ✓
DNA /biomarkers	44 (available)	46 (genotyping)	Planned for age 32	14 (available)
Physical activity (leisure time)	11, 16, 23, 33, 42, 44, 50	5, 10, 16, 33, 42	20, 25	5, 7, 11, 14, 17
Diet related measures (intake, overeating)	7, 33, 42, 44, 62	10, 16, 30, 42, 46	25, 32	9 months, 3, 7, 11, 14, 17
Anthropometry (e.g. blood pressure, body fat, grip strength, vision, motor skills)	7, 11, 16, 44	46 + accelerometry	-	3, 7, 11 (10, 14 acceler)
Medical conditions/ *long term illness	0, 7, 11, 26, 23, 33, 42, 44, 46, 50, 55, 62	0, 5, 10, 16, 26, 30, 34, 38, 42, 46, 51	14*, 15*, 16*, 17*, 18*, 19*, 20*, 25*	9m, 3, 5, 7, 11, 14, 17
Drugs & alcohol consumption	16, 23, 33, 42, 44, 46, 50, 55,	16, 26, 34, 42	14, 15, 16, 17, 18, 19, 20, 25	11, 14, 17

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Drugs & alcohol consumption	16, 23, 33, 42, 44, 46, 50, 55,	16, 26, 34, 42	14, 15, 16, 17, 18, 19, 20, 25	11, 14, 17

Health measures in COVID-19 web surveys	NCDS 58	BCS 70	NS 89	MCS 01	
COVID-19 antibodies N=10,442	n=3,222	n=2,547	n=1,267	CM n=1,140	Par n=2,266
Long COVID Symptoms	W3 W1, W2;	W3 W1, W2;	W3 W1, W2;	W3 W1, W2;	
Testing	W1, W2;	W1, W2;	W1, W2;	W1, W2;	
COVID presence	W1, W2, W3	W1, W2, W3	W1, W2, W3	W1, W2, W3	
Self-related general health	W1, W2, W3	W1, W2, W3	W1, W2, W3	W1, W2, W3	
Long-standing health conditions	W1, W2, W3	W1, W2, W3	W1, W2, W3	W1, W2, W3	
Disruption to medical appointments	W1, W2, W3	W1, W2, W3	W1, W2, W3	W1, W2, W3	
Difficulty obtaining medication	W2, W3	W2, W3	W2, W3	W2, W3	
Defined as vulnerable	W1, W2, W3	W1, W2, W3	W1, W2, W3	W1, W2, W3	

Source of Information

- Fluharty, M., Villadsen, A., Kandola, A., Griffiths, L., O'Neill, D., Pinto Pereira, S., Timpson, N., Cooper, R., Bann, D.(2020). Physical activity across age and study: a guide to data in six CLOSER studies. London, UK: CLOSER.
- Rajatileka S, Groom A, Ring S. Harmonisation of strategies for exploitation of biological sample collections. London, UK: CLOSER; 2017.
- Ruiz M, Benzeval M, Kumari M. A guide to biomarker data in the CLOSER studies: A catalogue across the cohort and longitudinal studies. London, UK: CLOSER; 2017.
- Maddock, J., O'Neill, D., Robinson, S., Crozier, S., Jameson, K., Dodgeon, B., Suderman, M., Emmett, P., Gush, K., Burton, J., Payne, J., Kumari, M., & Hardy, R. (2020). A guide to the dietary data in eight CLOSER studies. London, UK: CLOSER.

Mental Health

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Mental health – all cohorts

- Bristol Social Adjustment Guide (BSAG)
- Conners teachers Hyperactivity Rating Scale (Conn)
- Emotionally Activity Sociability Scale (EAS)
- General Health Questionnaire (12-item version) (GHQ-12)
- **Malaise inventory (MAL)**
- Mood and feelings questionnaire (MFQ)
- Rutter Behavioural Scale (RUT)
- Strengths and difficulty questionnaire (SDQ)
- Short Form Health Survey (SF-36)
- Kessler Scale (4 item) (K4)
- Child Development Scale (combination of Rutter and Connor) (CDS)
- The Warwick-Edinburgh Mental Wellbeing Scale (WEMWEBS)

Malaise

A nine-item Malaise Inventory: a measure of psychological distress

- Do you feel tired most of the time?
- Do you often feel miserable or depressed?
- Do you often get worried about things?
- Do you often get into a violent rage?
- Do you often suddenly become scared for no reason?
- Are you easily upset or irritated?
- Are you constantly keyed up and jittery?
- Does every little thing get on your nerves?
- Does your heart often race like mad?

Mental Health measure	NCDS 58	BCS 70	NS 89	MCS 01
BSAG	7			
Conn		10, 16,		
EAS				
GHQ-12	42, 50	16, 30	15, 17, 25, 32	
MAL	23, 33, 42	16, 26, 30, 34, 42, 46		
MFQ				14
RUT	7, 11, 16, 16	5, 10, 16,		
SDQ				3, 5, 7, 7, 11, 11, 14,
SF-36	50	46		
K4		34		17
CDS		10		
WEMWEBS				17

Parent, teacher and self-report

COVID-19 sweeps: All Cohorts

- **Patient Health Questionnaire-2 (PHQ-2):**
- Over the last 2 weeks, how often have you been bothered by the following problems?
 - Little interest or pleasure in doing things
 - Feeling down, depressed or hopeless
- **Generalised-Anxiety Disorder (GAD-2)**
- Over the last 2 weeks, how often have you been bothered by the following problems?
 - Feeling nervous, anxious or on edge
 - Not being able to stop or control worrying
- Not at all – Nearly every day

Source of information

- [McElroy, E., Villadsen, A., Patalay, P., Goodman, A., Richards, M., Northstone, K., Fearon, P., Tibber, M., Gondek, D., & Ploubidis, G.B. \(2020\). Harmonisation and Measurement Properties of Mental Health Measures in Six British Cohorts. London, UK: CLOSER.](#)

Family and Relationships

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Family and relationships

- Who is in the household
- Relationship to cohort member
- Age /number of siblings
- Biological, step, adoptive parents
- Age of parents when the cohort member was born
- Fertility intentions
- Pregnancy history
- Partnership formation, cohabitation, marriage, divorce, dissolution, formation



Education, ability and cognitive measures

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Education measure	NCDS 58	BCS 70	NS 89	MCS 01
<u>School</u>				
Key stage 1				NPD
Key stage 2			NPD	NPD
Key stage 3			NPD	
GCSE or equivalent (subject and grades) (KS4)	23, 42	32	NPD & self report	NPD & self report
A level or equivalent (KS5)	23, 42	26, 32, 34, 42	NPD & self report	NPD & self report
<u>Study intentions</u>	16	16	14, 15, 16, 17	11, 14
<u>Further education</u>			Individualised Learning Record	
<u>Higher education</u>				
Degree subject	42, 46	38, 42	20, 25	17
University type	23,33	42	20, 25	17
Degree grade	42	38,	20, 25	-

Cognitive ability in childhood

- British Ability Scales II /Bracken school readiness (BSRA-R)
- National Foundation for Education Research (NFER) Progress in Maths
- Cambridge Neuropsychological Test Automated Battery (CANTAB)
- Applied Psychology Unit (APU) Vocab test
- Number Analogies (GL Assessment)
- Schonell Reading Test; English Picture Vocabulary Test; Copying Designs Test; Human Figure Drawing; Complete a Profile Test (Schonell etc).
- Southgate Group Reading Test; Problem Arithmetic Test (NFER devised); Copying Designs Test; Human Figure Drawing (Southgate etc)
- General ability test; reading; maths and copying design test (GAT)
- Reading, Maths, Language, Dictation, BAS (Reading +)

(Main) cognitive ability/skill	NCDS 58	BCS 70	NS 89	MCS 01
Developmental milestones		22 months*, 42 months*		9 months
School readiness (BSRA-R)				3
Verbal reasoning	11	10		11
Non-verbal reasoning	11	10,16		5
Verbal skills (i.e. reading, comprehension, vocabulary, literacy)	7,11,16,37*	5,10,16,21*,34,42		3,5,7,14
Mathematics and numeracy	7,11,16,37*	10,16,21*,34		7,17
Visual/spatial processing	7	5		5,7
Decision making				11,14
Memory (short-term, long-term, spatial working)	50	10,46		11
Processing speed	50	46		

* sub-sample

Source of information

- Moulton, V., McElroy, E., Richards, M., Fitzsimons, E., Northstone, K., Conti, G., Ploubidis, G.B., Sullivan, A., O'Neill, D. (2020). A guide to the cognitive measures in five British birth cohort studies. London, UK: CLOSER.

Earnings and income

Earnings and Income	NCDS 58	BCS 70	NS 89	MCS 01
Earnings from work	7, 11, 16, 23, 33, 42, 46, 50	5, 10, 16, 26, 30, 34, 38, 42	20, 25, 32	3, 7, 11, 14, 17, 21
Income (investments, income support, benefits, etc.)	16, 33, 42, 46, 50, 55	10, 16, 34, 38, 42	25, 32	3, 7, 11, 14, 17, 21
Occupation	11, 33, 42, 46, 50, 55	10, 34, 38, 42	25, 32	3, 7, 11, 14, 17, 21
Social mobility (generational analysis)	✓	✓	✓	✓
Wealth (actual):				
Housing	55	42	-	11,14
Financial				
- Savings	23,33,50	34,42,46	-	7,11,14
- Debt	-	42,46	25	7,11,14

Social Care Variables

Social care/caring responsibility	NCDS 58	BCS 70	NS 89	MCS 01
Ever been in care	7, 11, 16, 23, 33	5, 10	14	✓
Age of being in care		10	14	9m,3, 5, 7, 11, 20
Age left care	23		14	
Duration		10	14	9m,3, 5, 7, 11, 20
Frequency		10	14	
Reason		10	14	3, 5, 7, 11
Own child in care	33		25	
Caring responsibilities of parents /family members/other	50		16, 17, 18, 19,	20
Contact with social workers			14, 15, 16, 17	

COVID-19 Sweeps

COVID-19 Sweeps: all of CLS cohorts (MCS, NS, BCS, NCDS, and 1946)

- Did you need help caring for yourself?
- Whether help received?
- Whether needed help caring for others in your household
- Whether received it

How to search these resources

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SEARCH Closer Discovery



About

Search

Explore

Lists 0

Item Type

- Studies (0)
- Sweeps (0)
- Datasets (0)
- Variables (-2,282)
- Questionnaires (0)
- Questions (-185)

More...

Help

in care



Sort by: Relevance



Item types: Variables, Questions

Query: in care

Results 1 to 50 of 2,467 (0.12 seconds)

qi_85

Has ... ever been in the care of a voluntary society?

Yes - in care now

Study: [National Child Development Study](#) / Sweep: [Age 33 Survey \(1991\)](#) / Questionnaire: [NCDS Age 33 Medical Interview](#)

qi_A9_e

Reason(s) why in care

Study: [1970 British Cohort Study](#) / Sweep: [Age 10 Survey \(1980\)](#) / Questionnaire: [BCS70 Age 10 Parental Interview](#)

Alternative methods for searching

- Or questionnaires (UK Data Service or [CLS website](#): Our Studies; Sweeps; Documentation; Questionnaires)
- Or download the actual datasets and search the variables ([UK Data Service](#))
- Descriptions of variables in published papers

Questions?

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