

The cohort studies by scientific theme/discipline

CENTRE FOR
LONGITUDINAL
STUDIES



Economic
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Research Council

Subject areas

- Physical health
- Mental health & Wellbeing
- 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, 55	5, 10, 16, 34, 42, 46	25	3, 5, 7, 11, 14, 17
BMI, Height, Weight	7,11, 16, 23, 33, 42, 44, 50, 55	10,16, 26, 30, 34, 42, 46	25	3, 5, 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, 55	5, 10, 16, 34, 42, 46	20, 25	5, 7, 11, 14, 17
Diet related measures (intake, overeating)	7, 33, 42, 44	10, 16, 30, 34, 42, 46	25	9 months, 3, 7, 11, 14, 17
Anthropometry (e.g. blood pressure, body fat, grip strength, vision, motor skills)	7, 11, 16, 44	10, 16, 46 + accelerometry	-	3, 7, 11, 14, 17 (10, 14 acceler)
Medical conditions/ *long term illness	0, 7, 11, 26, 23, 33, 42, 44, 46, 50, 55	0, 5, 10, 16, 26, 30, 34, 38, 42, 46	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, 30, 34, 42, 46	14, 15, 16, 17, 18, 19, 20, 25	11, 14, 17

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Medical conditions/ *long term illness	0, 7, 11, 26, 23, 33, 42, 44, 46, 50, 55	0, 5, 10, 16, 26, 30, 34, 38, 42, 46	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, 30, 34, 42, 46	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	

Mental Health & Wellbeing

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Mental health & Wellbeing– all cohorts

- Bristol Social Adjustment Guide (BSAG)
- Conners teachers Hyperactivity Rating Scale (Conn)
- Rutter Behavioural Scale (RUT)
- Child Development Scale (combination of Rutter and Connor) (CDS)
- Strengths and difficulty questionnaire (SDQ)
- Mood and feelings questionnaire (MFQ)
- **Malaise inventory (MAL)**
- Kessler Scale (4 item) (K4)
- General Health Questionnaire (12-item version) (GHQ-12)
- Short Form Health Survey (SF-36)
- 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, 11			
Conn		10, 16		
RUT	7, 11, 16, 16	5, 10, 16		
CDS		10		
SDQ				3, 5, 7, 7, 11, 11, 14, 17, 17
MFQ				14
MAL	23, 33, 42, 50	16, 26, 30, 34, 42, 46		
K4/K6		34		17
GHQ-12	42	16, 30	15, 17, 25	
SF-36	50	46		
WEMWEBS	50	42, 46		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

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

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

- Bracken school readiness (BSRA-R)
- British Ability Scales: verbal similarities, word definitions, matrices, recall of digits, pattern construction, picture similarities, naming vocabulary, word reading
- General Ability Test (GAT)
- Cambridge Neuropsychological Test Automated Battery (CANTAB): Decision making, Working memory
- National Foundation for Education Research (NFER): maths tests, reading comprehension
- Applied Psychology Unit (APU): Vocab test, Maths test
- Number Analogies (GL Assessment)
- Schonell Reading Test; Southgate Group Reading Test; Edinburgh Reading Test; English Picture Vocabulary Test
- Copying Designs Test; Human Figure Drawing; Complete a Profile Test

(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

Earnings and income

Earnings and Income	NCDS 58	BCS 70	NS 89	MCS 01
Earnings from work (CM and parents)	7, 11, 16, 23, 33, 42, 46, 50, 55	5, 10, 16, 26, 30, 34, 38, 42, 46	14, 15, 16, 20, 25	3, 7, 11, 14, 17
Income (investments, income support, benefits, etc.)	16, 33, 42, 46, 50, 55	10, 16, 30, 34, 38, 42	25	3, 7, 11, 14, 17
Occupation	11, 33, 42, 46, 50, 55	10, 30, 34, 38, 42, 46	25	3, 7, 11, 14, 17
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

How to search these resources

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SEARCH Closer Discovery



Navigation sidebar:

- About
- Search
- Explore
- Lists 0

Item Type filter:

- Studies (0)
- Sweeps (0)
- Datasets (0)
- Variables (7)
- Questionnaires (0)
- Questions (0)

More...

Help

Search bar: life satisfaction [Search] Sort by: Relevance [Dropdown]

Item types: All
Query: life satisfaction
Search within: 1970 British Cohort Study

Results 1 to 8 of 8 (0.02 seconds)

- COVID, Social, and Mental health – Life satisfaction**
Study: [1970 British Cohort Study](#) / Sweep: [Age 50 COVID-19 Survey \(2020\) Wave 2](#) / Questionnaire: [BCS70 Age 50 COVID-19 Survey - Wave 2](#)
- B960667**
Satisfaction about how **life** has turned out (10)
Please tick the box with the number above it which shows how dissatisfied or satisfied you are about the way your **life** has turned out so far.
Study: [1970 British Cohort Study](#) / Sweep: [Age 26 Survey \(1996\)](#) / Dataset: [BCS70 Questionnaire \(1996\) Dataset](#)

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

Additional sources of information

Physical health

- 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 and Wellbeing

- 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.

Cognitive ability

- 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.



Thanks for listening...

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