

# Avon Longitudinal Study of Parents and Children

<https://neurodegenerationresearch.eu/cohort/avon-longitudinal-study-of-parents-and-children/>

## Cohort Acronym

ALSPAC

## Cohort type

General population-based cohort

## Disease

## Participant type

No diagnosis

## Profile

Recruitment Period 1991-1992

Sample size at start or planned sample size if still recruiting 22528

Estimated Current Sample Size 20,000 to 49,999

Age at Recruitment Children 0 and Mothers 16-45

Gender Male and Female

Abstract

Based at the University of Bristol, the Avon Longitudinal Study of Parents and Children (ALSPAC), also known as Children of the 90s, is a world-leading birth cohort study. Between April 1991 and December 1992 more than 14,000 pregnant women were recruited into the study and these women (some of whom had two pregnancies or multiple births during the recruitment period), the children arising from the pregnancy, and their partners have been followed up over two decades.

The cohort has been followed intensively with annual questionnaires for the mothers, fathers and the children from age 5. A 10% sample of children were seen 10 times between 4 and 61 months for clinic assessment. Annual clinic assessment of the whole cohort was conducted from the age of 7 to 13 and 15 to 17. Assessment at age 24/25 is currently planned.

Record linkage has been completed for Education, Hospital Episode Statistics, Clinical Practice Research Datalink and Death notification and cancer cases.

1 million biological samples are held including maternal blood and urine, umbilical cord blood, placentas, paternal blood and saliva and children's blood, saliva and urine.

The study has been extended to include grandparents, siblings, and children of the children and recruitment is underway.

ALSPAC is part of CLOSER (Cohort & Longitudinal Studies Enhancement Resources) which aims to maximise the use, value and impact of the UK's longitudinal studies.

*Last update: 12/01/2017*

Country United Kingdom

**Contact details**

Institution name University of Bristol

Website <http://www.bris.ac.uk/alspac/>

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Contact phone number

Funders (Core support) Medical Research Council

Wellcome Trust

**Variables Collected**

**Brain related measures:**

Cognitive function, Mental health

**Functional rating:**

Individual psychological

**Anthropometric:**

Blood pressure, Height, Hip circumference, Waist circumference, Weight

**Physical:**

Cardiovascular, Hearing and Vision, Musculoskeletal, Reproductive, Respiratory

**Biological samples:**

Blood, Other, Saliva, Urine

**Genotyping:**

N/A

**Brain imaging:**

N/A

**Brain banking:**

N/A

**Lifestyle:**

Alcohol, Dietary habits, Physical activity, Smoking

**Socio-economic:**

Education, Ethnic group, Family circumstances, Housing and accommodation, Income and finances, Informal support, Marital status, Occupation and employment, Unpaid care

**Health service utilisation:**

Formal health and social care service utilisation including private care