

# THE 1970 BIRTH COHORT

DATA DEPOSITED WITH THE  
ESRC DATA ARCHIVE

## (D) 5-YEAR FOLLOW-UP:

MATERNAL SELF-COMPLETION  
QUESTIONNAIRE

DOCUMENT PREPARED BY:  
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THE 1970 BIRTH COHORT  
5-YEAR FOLLOW-UP  
MATERNAL SELF-COMPLETION QUESTIONNAIRE

DESCRIPTION OF DATA DEPOSITED  
WITH THE ESRC SURVEY ARCHIVE

BY

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## PART I. REASONS FOR THE 5-YEAR SURVEY

The purpose of the 5-year survey was to review and evaluate pre-school health, care and education services throughout Britain as experienced by the cohort of children born during the week 5-11 April 1970.

The main findings from the survey are published in two reports covering the social (Osborn, Butler and Morris, 1984) and health (Butler and Golding with Howlett, 1986) aspects of the children's lives. The following notes on the survey methods are extracted from the report by Osborn, Butler and Morris (1984) from which further details can be obtained.

### Tracing the children

The children in England and Wales were traced through the cooperation of the registration division of the Registrar General's Office (RGO), the National Health Service Central Register (NHSCR) and Family Practitioner Committees (FPCs). The RGO produced a computer listing of every child whose date of birth was registered as occurring during the week 5-11 April 1970. Using the details provided by the RGO the NHSCR was then able to identify the Area Health Authority (AHA) in which each child was last registered with a NHS general practitioner. The NHSCR could also say if a child had gone abroad, was registered with a Service Medical Officer, i.e. if the father was a member of the HM Forces, or had died, in which case a copy of the death certificate was supplied. Using the NHS number provided by the NHSCR, Family Practitioner Committees could pinpoint the home address of children who had not emigrated or died. This information was passed to the community nursing service of the AHA in which the FPC was located, and the local health visitors personally approached the families in question, inviting them to participate in the study. This procedure ensured that information confidential to the health authorities such as the home address of the study child was not disclosed to the research team unless the parents had agreed to take part.

A similar procedure was adopted in Scotland, but because the administrative structure was slightly different, the Scottish NHSCR was provided with the names of the children who had taken part in the British Births (1970) study. They added the child's NHS number and located the Health Board in which the child was last registered with a NHS general practitioner. Administrators of Primary Care in each Health Board used this information to identify each child's home address which was communicated to the health visitors who then invited the parents' participation.

The whereabouts of children of servicemen who were registered with a Service Medical Officer were determined with the help of the Service Children's Education Authority. This group included 64 children of service families who were interviewed by nurses of the Soldiers, Sailors and Airmen Families Association (SSAFA) in West Germany, Malta, Gibraltar and Singapore. These children were included in the survey because they were members of the British Births cohort and

although they were overseas in 1975 were likely to return to Britain and be included in future follow-ups of the cohort.

These methods of tracing depended entirely on the availability of information obtained at the time of the children's birth. Thus children who were born outside Great Britain but were resident here in 1975 could not be traced in this way. Health Visitors located some of these children by scanning child health records for children born during the study week, but immigrant children were inevitably under-represented in the sample. The NHSCR could provide no information about children who were adopted for reasons of confidentiality. Some adopted children were located from child health records, but information obtained on these children at age five could not be linked with that obtained at birth because of the lack of necessary information concerning their origins.

The cohort size in 1975 was estimated to be 16,284 children. Of these 13,135 (80.7%) were successfully traced and interviewed on or shortly after their fifth birthdays in April 1975. This was considered to be a reasonable response rate considering the difficulty of tracing children in the preschool period.

#### Data collection

Four research documents were used in the five-year survey. These were:

1. Maternal Self-completion Questionnaire
2. Home Interview Questionnaire
3. Test Booklet
4. Developmental History Schedule

These documents were designed to obtain different types of information.

1. The Maternal Self-completion Questionnaire (MSQ) was designed for completion by the mother herself. This was done mainly to reduce the effect of interviewer bias in completing the attitudinal data. However, this also served to reduce the duration of the home interview. More than half the mothers (56.4%) completed the MSQ out of the presence of the health visitor and a further 28.1% completed it unaided during the health visitor's visit. The health visitor's help was needed by only 15.5% of the mothers, some of whom had difficulty in reading or required an interpreter. The MSQ contained questions concerning the child's behaviour at home and maternal depression. These were based on the Rutter A Scale of behavioural, deviance and the Malaise Inventory (Rutter et al., 1970). There were also forty-three attitudinal items designed to elicit attitudes towards child rearing, maternal employment, television viewing and hospital visiting.

2. The Home Interview Questionnaire (HIQ) was administered by health visitors who carried out the interviews in the children's own homes. Usually the interviewee was the mother (92.3%). Relatively few fathers were present at interviews (7%). Fewer

than 1% of the interviews were carried out with persons other than the child's parents. Many questions in the HIQ had precoded response categories where a finite number of responses could be anticipated. Other questions were of the open-ended type which required responses to be written down. This approach was used where the potential range of responses was unknown in advance. Replies to open-ended questions were coded according to schemes devised by scrutinising a thousand randomly selected questionnaires.

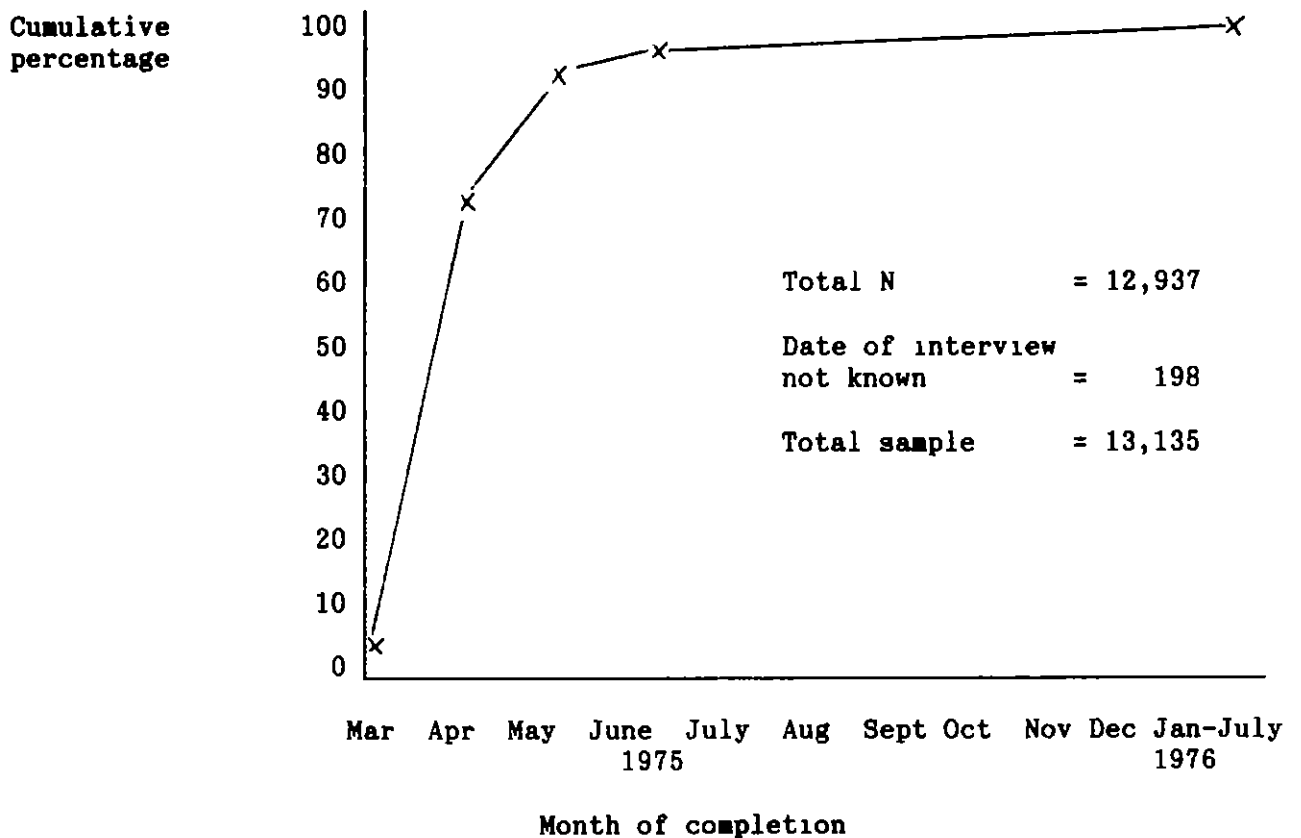
3. Test Booklet (TB) was administered by the health visitor during her visit to the child at home.

4. The Developmental History Schedule (DHS) was designed to obtain information from child health records. Details of developmental screening throughout the preschool period were obtained by reference to child health clinic and health visitor records where these were available. The number of missing records, however, make these data of limited use, and they are not deposited in the ESRC archives.

#### Administration

To achieve a reasonable degree of consistency in the manner in which interview and tests were carried out nationally, a comprehensive set of explanatory notes was prepared for the health visitor interviewers. In addition, briefing meetings were held at regional centres throughout Britain. Criticism of the deployment of health visitors as survey interviewers (Newson, 1970, p.19) is totally misplaced in studies of this type (Douglas, 1976, pp.11-13). Nearly half the families in this study were known to the health visitor interviewers through previous professional contact. Health visitors are seen by the mothers as medical workers with a legitimate interest in all aspects of the children's health, development, social and family circumstances. Health visitors also had access to child health records which provided an important additional source of information on the early health surveillance of these children as well as the means of tracing additional children born in the study week.

The main period of data collection took place over six months in 1975, during which time information was obtained on 95% of the traced sample (Figure 1). Thus, inferences can be made about children aged between five and five and a half years. The same statistical considerations apply to this sample as to that of the National Child Development Study. David et al., 1972, p 216 and Pringel et al., 1966, p 10, concisely summarise these considerations.

**FIGURE 1** MONTH OF COMPLETION OF HOME INTERVIEW QUESTIONNAIRENon-response

There are basically two types of non-response which have been termed specific and gross non-response. Specific non-response occurs where respondents cooperate in the study but fail to complete every part of it and results in some questions having a proportion of 'not stated' responses. Some questions in the present study were affected more by specific non-response than others. For example, information about the parental situation was obtained on every child, but information about the father's experience of any unemployment was not available for over 30% of the children. The majority of variables, however, had a specific non-response rate of under 5%.

Gross non-response was due to cohort members being completely missing from the survey. The two main causes of gross non-response were failure to trace children born in the study week and unwillingness on the part of some families to cooperate in the study. The total gross non-response rate was only a fifth (19.3%) of the estimated sample size despite the difficulty of tracing the children before they had all entered infant school. Assessment of bias was tackled in two ways: firstly, comparison of birth characteristics of those followed up with those who were not, revealed no social class differences, and no sex

differences. Children born to teenage mothers, those of high parity, those who were heavy smokers were somewhat less likely to be contacted. This difference was relatively small. The strongest bias, however, concerned a failure to trace the children of mothers who were single, separated, widowed or divorced at the time of birth (Butler & Golding 1986). Secondly, it was decided to trace and obtain limited information about the children who were missed in the 1975 study in order to check whether these differed in any important respects from those who were successfully traced and interviewed. This additional survey took place just two years later, when the children were seven.

There was little regional or social class variation in trace rates. Nevertheless, factors more directly related to the problems of tracing and interviewing cohort members, such as geographical mobility and family disruption, proved to be more important considerations (Osborn, Butler & Morris, 1984). Higher proportions of children in the 1975 survey were living with their natural parents.

Children of ethnic minorities were more difficult to trace, especially if they had come into Britain since the time of their birth. Interviewing difficulties, especially where there were language differences, further increased the risk of bias in the study. The 1975 survey found 92.3% of the children were with parents who were both of UK origin, i.e. not members of an ethnic minority, but in the 1977 study of children missed in 1975 this figure was down to 84%.

Families which are geographically mobile are expected to be difficult to trace and this factor could have been a major reason why some families were not traced in time for the 1975 survey.

Even with this sizable difference between the children in the two survey, however, the relatively large size of the sample interviewed in 1975 compared with the 1977 sample means that any bias resulting from the loss of children in mobile families will be trivial for analyses involving the whole 1975 survey sample. Analysis carried out on a sub-sample of highly mobile children (i.e. those who moved more than twice in five years), however, would be very prone to error because over a fifth (22.9%) of this group were untraced for the 1975 survey. Comparisons were made in terms of overcrowding (persons per room ratio), and availability of four basic household amenities (kitchen, bathroom, indoor lavatory and hot water supply). The observed differences were so small that statistical significance was achieved for only two of the five housing indicators - crowding and availability of a kitchen. These items suggested that the 1975 sample had a slight excess of children in poor housing conditions. The differences, however, were not sufficient to create a bias in the 1975 sample.

The likelihood of bias resulting from missing data is discussed in more detail in Osborn, Butler & Morris (1984).



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Projects in hand as at October 1989

1. The effects of social and educational change on behaviour in mid-childhood (A.F. Osborn).
2. Regional variation in morbidity and health behaviour (J. Pollock).
3. Accidental injuries (J. Golding).
4. Convulsive disorders (C. Verity).
5. The long-term effects of passive smoking (J-A Evans).
6. Immunisation: Benefits and costs (J. Pollock).
7. Maternal health behaviour and long-term effects on the child (J. Pollock).
8. Pre-term delivery and child health and development (T. Shenton).
9. Child health and development after pregnancies complicated by pre-eclampsia (P. Thomas).



## PART II. DESCRIPTION OF DATA FORMAT.

### The data file

This is set up in SPSS(X) format.

### Coding

Throughout the following standard codes have been used:

- 1 not applicable (1.e. the question is not relevant to this child)
- 2 not known (1.e. the question may be relevant but the answer was specifically stated to be unknown)
- 3 not stated (1.e. no answer was given)

### Number of cases

In all, there are 13,135 cases on file.

### Layout of tables

Details are given for each variable on the file in the pages that follow.

First the actual question is quoted verbatim from the questionnaire, but it is advisable also to refer to the questionnaire reproduced at the end of this document.

The code, frequency (1.e. no of children with that code) and percentage (out of 13,135) are then given for all non-continuous variables.

### Matching files

This should be done only using the KEY variable.

## MATERNAL SELF-COMPLETION QUESTIONNAIRE

## THE DATA

## KEY

All mothers in the birth survey have a key number in the range 000010 to 164112, if born in Great Britain, and in the range 200000 to 206212 if born in Northern Ireland. Children who were not in the Birth Survey but included in the 5 year survey have key nos in range 300000 - 399999. Note that multiple births have the same first 5 digits but can be distinguished using the last digit

## D002 Singleton or twin

	Value	Frequency	Percent
Singleton	0	12885	98.1
1st twin	1	125	1.0
2nd twin	2	125	1.0
		-----	-----
Total		13135	100.0

(NB. This refers only to twins where both twins survived. For identification of twins where only 1 survived use the last digit of the KEY variable or E001)

## D003 Child's sex

Boy	1	6808	51.8
Girl	2	6327	48.2
		-----	-----
Total		13135	100.0

## D005A Regional Health Authority

Northern	1	799	6.1
Yorkshire/Humberside	2	928	7.1
Trent	3	1096	8.3
East Anglia	4	495	3.8
NW Thames	5	718	5.5
NE Thames	6	762	5.8
SE Thames	7	799	6.1
SW Thames	8	582	4.4
Wessex	9	589	4.5
Oxford	10	536	4.1
South West	11	712	5.4
West Midlands	12	1419	10.8
Mersey	13	690	5.3
North West	14	1032	7.9
Wales	15	748	5.7
Scotland	16	1166	8.9
Overseas	17	64	.5
		-----	-----
Total		13135	100.0

The regional classification is that used by the OPCS and comprises the following Area Health Authorities. Regions are only occasionally identical with Regional Health Authorities.

**North:** Cleveland, Cumbria, Durham, Gateshead, Newcastle-upon-Tyne, North Tyneside, Northumberland, South Tyneside, Sunderland.

**Yorkshire & Humberside:** Humberside, North Yorkshire, Bradford, Calderdale, Kirklees, Leeds, Wakefield, Barnsley, Doncaster, Rotherham, Sheffield.

**North-West:** Bolton, Bury, Cheshire, Lancashire, Liverpool, Manchester, Oldham, Rochdale, St. Helens and Knowsley, Salford, Sefton, Stockport, Tameside, Wigan, Wirral.

**East Midlands:** Derbyshire, Leicestershire, Lincolnshire, Nottinghamshire, Northamptonshire.

**West Midlands:** Birmingham, Coventry, Dudley, Hereford and Worcester, Salop, Sandwell, Solihull, Staffordshire, Walsall, Warwickshire, Wolverhampton.

**East Anglia:** Cambridgeshire, Norfolk, Suffolk.

**South-East:** Barking and Havering, Barnet, Bedfordshire, Berkshire, Brent and Harrow, Bromley, Camden and Islington, City and East London, Croydon, Ealing, Hammersmith and Hounslow, East Sussex, Enfield and Haringey, Essex, Greenwich and Bexley, Hampshire, Hertfordshire, Hillingdon, Isle of Wight, Kensington, Chelsea and Westminster, Kent, Kingston and Richmond, Lambeth, Southwark and Lewisham, Merton Sutton and Wandsworth, Oxfordshire, Redbridge and Waltham Forest, Surrey, West Sussex.

**South-West:** Avon, Cornwall, Devon, Dorset, Gloucestershire, Somerset, Wiltshire.

D005B          Standard region

North	1	799	6.1
Yorkshire & Humberside	2	1280	9.7
North West	3	1722	13.1
East Midlands	4	885	6.7
West Midlands	5	1419	10.8
East Anglia	6	495	3.8
South East	7	3582	27.3
South West	8	975	7.4
Wales	9	748	5.7
Scotland	10	1166	8.9
Overseas	17	64	.5
		-----	-----
Total		13135	100.0

## SECTION 1: CHILD'S BEHAVIOUR

Question 1: Below is a list of minor health problems which most children have at some time. Please tell us how often each of these happens with your child by putting a cross in the box which best describes this.

## Complains of headaches

## D006 Headaches

Not stated	-3	687	5.2
Never in the last 12 months	1	8105	61.7
Less than once a month	2	3584	27.3
At least once a month	3	603	4.6
At least once a week	4	156	1.2
		-----	-----
Total		13135	100.0

## Complains of stomach-ache or has vomited

## D007 Stomach-ache or vomits

Not stated	-3	632	4.8
Never in the last 12 months	1	5153	39.2
Less than once a month	2	6122	46.6
At least once a month	3	905	6.9
At least once a week	4	323	2.5
		-----	-----
Total		13135	100.0

## Complains of biliousness

## D008 Biliousness

Not stated	-3	1195	9.1
Never in the last 12 months	1	9754	74.3
Less than once a month	2	1951	14.9
At least once a month	3	197	1.5
At least once a week	4	38	.3
		-----	-----
Total		13135	100.0

Has temper tantrums (that is, complete loss of temper with shouting, angry movements, etc.)

D009 Temper tantrums

Not stated	-3	811	6.2
Never in the last 12 months	1	7248	55.2
Less than once a month	2	2265	17.2
At least once a month	3	1223	9.3
At least once a week	4	1588	12.1
		-----	-----
Total		13135	100.0

Most children go through "difficult" stages. Please show by putting a cross in the correct boxes whether or not your child has any of the following difficulties at the present time. Please answer every question.

Question 2: Does your child have any sleeping difficulty?

D010 Sleeping difficulty

Not stated	-3	96	.7
No	1	9768	74.4
Yes-mild	2	2908	22.1
Yes-severe	3	190	1.4
Yes-NEC	4	173	1.3
		-----	-----
Total		13135	100.0

If yes, which of the following difficulties does he/she have?

D011 Difficulty "getting off to sleep"

Not stated	-3	46	.4
Yes	1	1155	8.8
No	2	11934	90.9
		-----	-----
Total		13135	100.0

D012 "Waking during the night"

Not stated	-3	46	.4
Yes	1	1413	10.8
No	2	11676	88.9
		-----	-----
Total		13135	100.0

## D013 "Waking early in the morning"

Not stated	-3	46	.4
Yes	1	940	7.2
No	2	12149	92.5
		-----	-----
Total		13135	100.0

## D014 "Nightmares or night terrors"

Not stated	-3	46	.4
Yes	1	649	4.9
No	2	12440	94.7
		-----	-----
Total		13135	100.0

## D015 "Sleepwalking"

Not stated	-3	46	.4
Yes	1	97	.7
No	2	12992	98.9
		-----	-----
Total		13135	100.0

## Question 3: Does child ever wet the bed at nights?

## D016A Wets bed at night

Not stated	-3	90	.7
No	1	10206	77.7
Yes	2	2839	21.6
		-----	-----
Total		13135	100.0

If yes, is it:

## D016B Frequency of bed wetting

Very occasionally (less than once a week)	1	1411	10.7
Occasionally (at least once a week)	2	510	3.9
Most nights	3	554	4.2
Every night	4	356	2.7
Not stated how often	5	8	.1
Not known to wet the bed	6	10296	78.4
		-----	-----
Total		13135	100.0

## Question 4: Does child ever wet his/her pants in the daytime?

## D017A Daytime wetting

Not stated	-3	87	.7
No	1	11731	89.3
Yes	2	1317	10.0
		-----	-----
Total		13135	100.0

D017B If yes, is it

Very occasionally (less than once a week)	1	1002	7.6
Occasionally (at least once a week)	2	184	1.4
Most days	3	88	.7
Every day	4	40	.3
Not stated how often	5	3	.0
Not known to wet pants	6	11818	90.0
		-----	-----
Total		13135	100.0

## Question 5: Does child soil or ever make a mess in his/her pants?

## D018A Soiling

Not stated	-3	84	.6
No	1	12494	95.1
Yes	2	557	4.2
		-----	-----
Total		13135	100.0

D018B If yes, is it

Very occasionally (less than once a week)	1	407	3.1
Occasionally (at least once a week)	2	83	.6
Most days	3	43	.3
Every day	4	20	.2
Not stated how often	5	4	.0
Not known to wet pants	6	12578	95.8
		-----	-----
Total		13135	100.0

## Question 6: Does child have any eating or appetite problems?

## D019 Eating or appetite problems

	Value	Frequency	Percent
Not stated	-3	96	.7
No	1	8299	63.2
Yes-mild	2	4368	33.3
Yes-severe	3	270	2.1
Yes-nec	4	102	.8
		-----	-----
Total		13135	100.0

If yes, is it:

## D020 Not eating enough

Not stated	-3	56	.4
Yes	1	1520	11.6
No	2	11559	88.0
		-----	-----
Total		13135	100.0

## D021 Overeating

Not stated	-3	56	.4
Yes	1	144	1.1
No	2	12935	98.5
		-----	-----
Total		13135	100.0

## D022 Faddiness

Not stated	-3	56	.4
Yes	1	3149	24.0
No	2	9930	75.6
		-----	-----
Total		13135	100.0

## D023 Other eating problems

Not stated	-3	56	.4
Yes	1	155	1.2
No	2	12924	98.4
		-----	-----
Total		13135	100.0



Question 7: Does child attend school, nursery school, playgroup or anything like that?

D024A Child attends school

Not stated	-3	118	0.9
No	1	1877	14.3
Yes	2	11140	84.8
		-----	-----
Total		13135	100.0

If yes, has he/she had tears on arrival?

D024B Tears on arrival

Not stated	-3	118	.9
Not applicable	-1	1011	7.7
No	1	10129	77.1
Yes once or twice a week	2	1078	8.2
Yes every day	3	573	4.4
Yes-no information	4	226	1.7
		-----	-----
Total		13135	100.0

Question 8. Below is a series of descriptions of behaviour often shown by children. After each statement are three columns "Doesn't apply", "Applies somewhat", and "Certainly applies". If your child definitely shows the behaviour described by the statement put a cross in the box under "Certainly applies". If he/she shows the behaviour described by the statement but to a lesser degree or less often, place a cross under "Applies somewhat". If, as far as you are aware, your child does not show the behaviour, place a cross under "Doesn't apply".

Very restless. Often running about or jumping up and down. Hardly ever still.

D025

Not stated	-3	150	1.1
Doesn't apply	1	4040	30.8
Applies somewhat	2	5193	39.5
Certainly applies	3	3752	28.6
		-----	-----
Total		13135	100.0

**Is squirmy or fidgety**

D026

Not stated	-3	243	1.9
Doesn't apply	1	7317	55.7
Applies somewhat	2	4083	31.1
Certainly applies	3	1492	11.4
		-----	-----
Total		13135	100.0

**Often destroys own or others' belongings**

D027

Not stated	-3	158	1.2
Doesn't apply	1	9998	76.1
Applies somewhat	2	2437	18.6
Certainly applies	3	542	4.1
		-----	-----
Total		13135	100.0

**Frequently fights with other children**

D028

Not stated	-3	144	1.1
Doesn't apply	1	8280	63.0
Applies somewhat	2	4161	31.7
Certainly applies	3	550	4.2
		-----	-----
Total		13135	100.0

**Not much liked by other children**

D029

Not stated	-3	173	1.3
Doesn't apply	1	12199	92.9
Applies somewhat	2	580	4.4
Certainly applies	3	183	1.4
		-----	-----
Total		13135	100.0

**Often worried, worries about many things**

D030

Not stated	-3	169	1.3
Doesn't apply	1	8445	64.3
Applies somewhat	2	3809	29.0
Certainly applies	3	712	5.4
		-----	-----
Total		13135	100.0

**Tends to do things on his own - rather solitary**

D031

Not stated	-3	175	1.3
Doesn't apply	1	7123	54.2
Applies somewhat	2	4642	35.3
Certainly applies	3	1195	9.1
		-----	-----
Total		13135	100.0

**Irritable. Is quick to "fly off the handle"**

D032

Not stated	-3	150	1.1
Doesn't apply	1	7044	53.6
Applies somewhat	2	4447	33.9
Certainly applies	3	1494	11.4
		-----	-----
Total		13135	100.0

**Often appears miserable, unhappy, tearful or distressed**

D033

Not stated	-3	152	1.2
Doesn't apply	1	10067	76.6
Applies somewhat	2	2588	19.7
Certainly applies	3	328	2.5
		-----	-----
Total		13135	100.0

**Sometimes takes things belonging to others**

D034

Not stated	-3	156	1.2
Doesn't apply	1	10315	78.5
Applies somewhat	2	2420	18.4
Certainly applies	3	244	1.9
		-----	-----
Total		13135	100.0

**Has twitches, mannerisms or tics of the face or body**

D035

Not stated	-3	171	1.3
Doesn't apply	1	12467	94.9
Applies somewhat	2	401	3.1
Certainly applies	3	96	.7
		-----	-----
Total		13135	100.0

**Frequently sucks thumb or finger**

D036

Not stated	-3	129	1.0
Doesn't apply	1	9235	70.3
Applies somewhat	2	1549	11.8
Certainly applies	3	2222	16.9
		-----	-----
Total		13135	100.0

**Frequently bites nails or fingers**

D037

Not stated	-3	134	1.0
Doesn't apply	1	9262	70.5
Applies somewhat	2	2262	17.2
Certainly applies	3	1477	11.2
		-----	-----
Total		13135	100.0

**Is often disobedient**

D038

Not stated	-3	151	1.1
Doesn't apply	1	3950	30.1
Applies somewhat	2	7797	59.4
Certainly applies	3	1237	9.4
		-----	-----
Total		13135	100.0

**Cannot settle to anything for more than a few moments**

D039

Not stated	-3	152	1.2
Doesn't apply	1	8491	64.6
Applies somewhat	2	3587	27.3
Certainly applies	3	905	6.9
		-----	-----
Total		13135	100.0

**Tends to be fearful or afraid of new things or new situations**

D040

Not stated	-3	150	1.1
Doesn't apply	1	8312	63.3
Applies somewhat	2	3816	29.1
Certainly applies	3	857	6.5
		-----	-----
Total		13135	100.0

**Is fussy or over particular****D041**

Not stated	-3	156	1.2
Doesn't apply	1	7719	58.8
Applies somewhat	2	4047	30.8
Certainly applies	3	1213	9.2
		-----	-----
Total		13135	100.0

**Often tells lies****D042**

Not stated	-3	144	1.1
Doesn't apply	1	8577	65.3
Applies somewhat	2	4124	31.4
Certainly applies	3	290	2.2
		-----	-----
Total		13135	100.0

**Bullies other children****D043**

Not stated	-3	135	1.0
Doesn't apply	1	10984	83.6
Applies somewhat	2	1821	13.9
Certainly applies	3	195	1.5
		-----	-----
Total		13135	100.0

The Rutter score, devised to indicate the overall behaviour of the children is described in D119.

## SECTION 2: MOTHER'S HEALTH

Many mothers find caring for their new children difficult if their own health is not very good. Listed below are a number of common symptoms that mothers often describe to doctors. We would like you to say if these happen to you by putting a ring round Yes or No.

Do you often have backache?

D044

Not stated	-3	175	1.3
Yes	1	4346	33.1
No	2	8614	65.6
		-----	-----
Total		13135	100.0

Do you feel tired most of the time?

D045

Not stated	-3	207	1.6
Yes	1	3908	29.8
No	2	9020	68.7
		-----	-----
Total		13135	100.0

Do you often feel miserable or depressed?

D046

Not stated	-3	257	2.0
Yes	1	4273	32.5
No	2	8605	65.5
		-----	-----
Total		13135	100.0

Do you often have bad headaches?

D047

Not stated	-3	209	1.6
Yes	1	4018	30.6
No	2	8908	67.8
		-----	-----
Total		13135	100.0

Do you often get worried about things?

D048

	Value	Frequency	Percent
Not stated	-3	224	1.7
Yes	1	7213	54.9
No	2	5698	43.4
		-----	-----
Total		13135	100.0

Do you usually have great difficulty falling asleep or staying asleep?

D049

Not stated	-3	182	1.4
Yes	1	1815	13.8
No	2	11138	84.8
		-----	-----
Total		13135	100.0

Do you usually wake unnecessarily early in the morning?

D050

Not stated	-3	183	1.4
Yes	1	1603	12.2
No	2	11349	86.4
		-----	-----
Total		13135	100.0

Do you wear yourself out worrying about your health?

D051

Not stated	-3	187	1.4
Yes	1	843	6.4
No	2	12105	92.2
		-----	-----
Total		13135	100.0

Do you often get into a violent rage?

D052

Not stated	-3	205	1.6
Yes	1	1882	14.3
No	2	11048	84.1
		-----	-----
Total		13135	100.0

Do people often annoy and irritate you?

D053

Not stated	-3	216	1.6
Yes	1	4587	34.9
No	2	8332	63.4
		-----	-----
Total		13135	100.0

Have you at times had a twitching of the face, head or shoulders?

D054

Not stated	-3	184	1.4
Yes	1	729	5.6
No	2	12222	93.0
		-----	-----
Total		13135	100.0

Do you often suddenly become scared for no good reason?

D055

Not stated	-3	198	1.5
Yes	1	1423	10.8
No	2	11514	87.7
		-----	-----
Total		13135	100.0

Are you scared to be alone when there are no friends near you?

D056

Not stated	-3	196	1.5
Yes	1	1311	10.0
No	2	11628	88.5
		-----	-----
Total		13135	100.0

Are you easily upset or irritated?

D057

Not stated	-3	230	1.8
Yes	1	5460	41.6
No	2	7445	56.7
		-----	-----
Total		13135	100.0



Are you frightened of going out alone or of meeting people?

D058

Not stated	-3	197	1.5
Yes	1	1164	8.9
No	2	11774	89.6
		-----	-----
Total		13135	100.0

Are you constantly keyed up and jittery?

D059

Not stated	-3	235	1.8
Yes	1	1325	10.1
No	2	11575	88.1
		-----	-----
Total		13135	100.0

Do you suffer from indigestion?

D060

Not stated	-3	187	1.4
Yes	1	1715	13.1
No	2	11233	85.5
		-----	-----
Total		13135	100.0

Do you often suffer from an upset stomach?

D061

Not stated	-3	194	1.5
Yes	1	1288	9.8
No	2	11653	88.7
		-----	-----
Total		13135	100.0

Is your appetite poor?

D062

Not stated	-3	186	1.4
Yes	1	834	6.3
No	2	12115	92.2
		-----	-----
Total		13135	100.0

Does every little thing get on your nerves and wear you out?

D063

Not stated	-3	227	1.7
Yes	1	1423	10.8
No	2	11485	87.4
		-----	-----
Total		13135	100.0

Does your heart often race like mad?

D064

Not stated	-3	201	1.5
Yes	1	1819	13.8
No	2	11115	84.6
		-----	-----
Total		13135	100.0

Do you often have bad pains in your eyes?

D065

Not stated	-3	200	1.5
Yes	1	1426	10.9
No	2	11509	87.6
		-----	-----
Total		13135	100.0

Are you troubled with rheumatism or fibrositis?

D066

Not stated	-3	213	1.6
Yes	1	1631	12.4
No	2	11291	86.0
		-----	-----
Total		13135	100.0

Have you ever had a nervous breakdown?

D067

Not stated	-3	206	1.6
Yes	1	590	4.5
No	2	12339	93.9
		-----	-----
Total		13135	100.0

Do you have any other health problems worrying you?

D068

Not stated	-3	357	2.7
Yes	1	1559	11.9
No	2	11219	85.4
		-----	-----
Total		13135	100.0

The Malaise score based on the above items is described in D122.

## SECTION 3: OPINIONS

This section asks for your opinion about a wide range of subjects. Please give your own opinions and do not worry about what others may think. There are no "correct" answers to the questions. We expect you will agree with some statements and disagree with others.

Please try to answer every one, but if you do not understand a statement leave it out.

Question 1: Women need something more from life than they can get by just looking after the home and children

D069

Not stated	-3	190	1.4
Strongly agree	1	6371	48.5
Mildly agree	2	5008	38.1
Cannot say	3	491	3.7
Mildly disagree	4	656	5.0
Strongly disagree	5	419	3.2
		-----	-----
Total		13135	100.0

Question 2: Such activities as painting and playing should take second place to teaching reading and arithmetic in infant schools

D070

Not stated	-3	199	1.5
Strongly agree	1	3277	24.9
Mildly agree	2	4036	30.7
Cannot say	3	521	4.0
Mildly disagree	4	2839	21.6
Strongly disagree	5	2263	17.2
		-----	-----
Total		13135	100.0

Question 3: Girls should accept the fact that they will marry and have children and not think about starting a career

D071

Not stated	-3	185	1.4
Strongly agree	1	668	5.1
Mildly agree	2	606	4.6
Cannot say	3	470	3.6
Mildly disagree	4	1939	14.8
Strongly disagree	5	9267	70.6
		-----	-----
Total		13135	100.0

**Question 4: Strictly disciplined children rarely grow up to be the best adults**

D072

Not stated	-3	202	1.5
Strongly agree	1	1794	13.7
Mildly agree	2	2736	20.8
Cannot say	3	2986	22.7
Mildly disagree	4	3280	25.0
Strongly disagree	5	2137	16.3
		-----	-----
Total		13135	100.0

**Question 5: Young children who never see children's T.V. miss a lot which is of value**

D073

Not stated	-3	182	1.4
Strongly agree	1	4378	33.3
Mildly agree	2	5449	41.5
Cannot say	3	648	4.9
Mildly disagree	4	1846	14.1
Strongly disagree	5	632	4.8
		-----	-----
Total		13135	100.0

**Question 6: It's best not to visit children under five in hospital because it is too upsetting for the child**

D074

Not stated	-3	182	1.4
Strongly agree	1	652	5.0
Mildly agree	2	872	6.6
Cannot say	3	1064	8.1
Mildly disagree	4	1498	11.4
Strongly disagree	5	8867	67.5
		-----	-----
Total		13135	100.0

**Question 7: Women should have the same work opportunities as men**

D075

Not stated	-3	182	1.4
Strongly agree	1	7253	55.2
Mildly agree	2	3255	24.8
Cannot say	3	609	4.6
Mildly disagree	4	1049	8.0
Strongly disagree	5	787	6.0
		-----	-----
Total		13135	100.0

Question 8: If a child is often allowed to have his own way while he is young he will be uncontrollable later

D076

Not stated	-3	166	1.3
Strongly agree	1	5174	39.4
Mildly agree	2	4481	34.1
Cannot say	3	797	6.1
Mildly disagree	4	1707	13.0
Strongly disagree	5	810	6.2
		-----	-----
Total		13135	100.0

Question 9: A person who does not let others stand in his way is to be admired

D077

Not stated	-3	220	1.7
Strongly agree	1	1968	15.0
Mildly agree	2	3589	27.3
Cannot say	3	1565	11.9
Mildly disagree	4	3096	23.6
Strongly disagree	5	2697	20.5
		-----	-----
Total		13135	100.0

Question 10: Things should be made easier for unmarried mothers

D078

Not stated	-3	181	1.4
Strongly agree	1	4553	34.7
Mildly agree	2	4261	32.4
Cannot say	3	1614	12.3
Mildly disagree	4	1530	11.6
Strongly disagree	5	996	7.6
		-----	-----
Total		13135	100.0

Question 11: Increases in vandalism and delinquency are largely due to the fact that children nowadays lack strict discipline

D079

Not stated	-3	194	1.5
Strongly agree	1	5763	43.9
Mildly agree	2	4357	33.2
Cannot say	3	893	6.8
Mildly disagree	4	1227	9.3
Strongly disagree	5	701	5.3
		-----	-----
Total		13135	100.0

Question 12: Children should not be allowed to talk at the meal table

D080

Not stated	-3	181	1.4
Strongly agree	1	1192	9.1
Mildly agree	2	3145	23.9
Cannot say	3	222	1.7
Mildly disagree	4	3795	28.9
Strongly disagree	5	4600	35.0
		-----	-----
Total		13135	100.0

Question 13: Children under five should always accept what their parents say as being true

D081

Not stated	-3	200	1.5
Strongly agree	1	3617	27.5
Mildly agree	2	3523	26.8
Cannot say	3	674	5.1
Mildly disagree	4	3039	23.1
Strongly disagree	5	2082	15.9
		-----	-----
Total		13135	100.0

Question 14: Mothers need a break from their children from time to time during the day

D082

Not stated	-3	178	1.4
Strongly agree	1	7124	54.2
Mildly agree	2	4535	34.5
Cannot say	3	277	2.1
Mildly disagree	4	636	4.8
Strongly disagree	5	385	2.9
		-----	-----
Total		13135	100.0

Question 15: T.V. is a useful way of keeping the children amused

D083

Not stated	-3	182	1.4
Strongly agree	1	2645	20.1
Mildly agree	2	7406	56.4
Cannot say	3	340	2.6
Mildly disagree	4	1542	11.7
Strongly disagree	5	1020	7.8
		-----	-----
Total		13135	100.0

Question 16: It is unreasonable to expect hospitals to upset their routine by allowing unlimited visiting in children's wards

D084

Not stated	-3	217	1.7
Strongly agree	1	2673	20.4
Mildly agree	2	2869	21.8
Cannot say	3	1320	10.0
Mildly disagree	4	2270	17.3
Strongly disagree	5	3786	28.8
		-----	-----
Total		13135	100.0

Question 17: Parents should treat young children as equals

D085

Not stated	-3	221	1.7
Strongly agree	1	2689	20.5
Mildly agree	2	3653	27.8
Cannot say	3	714	5.4
Mildly disagree	4	3257	24.8
Strongly disagree	5	2601	19.8
		-----	-----
Total		13135	100.0

Question 18: Young children pick up a lot of bad habits from T.V.

D086

Not stated	-3	191	1.5
Strongly agree	1	2771	21.1
Mildly agree	2	4786	36.4
Cannot say	3	903	6.9
Mildly disagree	4	3206	24.4
Strongly disagree	5	1278	9.7
		-----	-----
Total		13135	100.0

Question 19: One of the things parents must do is sort out their children's quarrels for them and decide who is right and wrong

D087

Not stated	-3	200	1.5
Strongly agree	1	1645	12.5
Mildly agree	2	2995	22.8
Cannot say	3	579	4.4
Mildly disagree	4	3526	26.8
Strongly disagree	5	4190	31.9
		-----	-----
Total		13135	100.0



Question 20: Some equality in marriage is a good thing but by and large the husband ought to have the main say-so in family matters

D088

Not stated	-3	191	1.5
Strongly agree	1	3681	28.0
Mildly agree	2	3560	27.1
Cannot say	3	423	3.2
Mildly disagree	4	2158	16.4
Strongly disagree	5	3122	23.8
		-----	-----
Total		13135	100.0

Question 21: Nothing is worse than a person who does not feel a great love, gratitude, and respect for his parents

D089

Not stated	-3	221	1.7
Strongly agree	1	4782	36.4
Mildly agree	2	3094	23.6
Cannot say	3	1364	10.4
Mildly disagree	4	2341	17.8
Strongly disagree	5	1333	10.1
		-----	-----
Total		13135	100.0

Question 22: Unquestioning obedience is not a good thing in a young child

D090

Not stated	-3	296	2.3
Strongly agree	1	4020	30.6
Mildly agree	2	4672	35.6
Cannot say	3	1036	7.9
Mildly disagree	4	2045	15.6
Strongly disagree	5	1066	8.1
		-----	-----
Total		13135	100.0

Question 23: The State should open more day nurseries so as to make it easier for mothers of young children to go out to work

D091

Not stated	-3	206	1.6
Strongly agree	1	4662	35.5
Mildly agree	2	3805	29.0
Cannot say	3	857	6.5
Mildly disagree	4	1895	14.4
Strongly disagree	5	1710	13.0
		-----	-----
Total		13135	100.0

Question 24: The trouble with hospital specialists is that they never have time to explain all their patients would like to know

D092

Not stated	-3	191	1.5
Strongly agree	1	5365	40.8
Mildly agree	2	3512	26.7
Cannot say	3	1804	13.7
Mildly disagree	4	1207	9.2
Strongly disagree	5	1056	8.0
		-----	-----
Total		13135	100.0

Question 25: People should be satisfied with their lot in this world and not struggle to get more

D093

Not stated	-3	201	1.5
Strongly agree	1	1393	10.6
Mildly agree	2	1825	13.9
Cannot say	3	709	5.4
Mildly disagree	4	3309	25.2
Strongly disagree	5	5698	43.4
		-----	-----
Total		13135	100.0

Question 26: A mother who always gives in to her young child's demands for attention will spoil him

D094

Not stated	-3	173	1.3
Strongly agree	1	6355	48.4
Mildly agree	2	3696	28.1
Cannot say	3	268	2.0
Mildly disagree	4	1711	13.0
Strongly disagree	5	932	7.1
		-----	-----
Total		13135	100.0

Question 27: There is nothing wrong with a mother going out to work if her children can be properly cared for by someone else

D095

Not stated	-3	181	1.4
Strongly agree	1	4940	37.6
Mildly agree	2	4404	33.5
Cannot say	3	611	4.7
Mildly disagree	4	1651	12.6
Strongly disagree	5	1348	10.3
		-----	-----
Total		13135	100.0

Question 28: Teaching 5 year old children obedience and respect for authority is not as important as all that

D096

Not stated	-3	196	1.5
Strongly agree	1	814	6.2
Mildly agree	2	1510	11.5
Cannot say	3	315	2.4
Mildly disagree	4	3540	27.0
Strongly disagree	5	6760	51.5
		-----	-----
Total		13135	100.0

Question 29: If pre-school children would pay more attention to what they are told instead of just having their own ideas they would learn more quickly

D097

Not stated	-3	231	1.8
Strongly agree	1	1325	10.1
Mildly agree	2	1996	15.2
Cannot say	3	1229	9.4
Mildly disagree	4	3900	29.7
Strongly disagree	5	4454	33.9
		-----	-----
Total		13135	100.0

Question 30: A mother who leaves her children with someone else in order to go out to work is not fit to be a mother unless she needs the money for food and clothes

D098

Not stated	-3	218	1.7
Strongly agree	1	1678	12.8
Mildly agree	2	2031	15.5
Cannot say	3	1603	12.2
Mildly disagree	4	2899	22.1
Strongly disagree	5	4706	35.8
		-----	-----
Total		13135	100.0

Question 31: A child should not be allowed to talk back to his parents

D099

Not stated	-3	207	1.6
Strongly agree	1	3432	26.1
Mildly agree	2	4021	30.6
Cannot say	3	464	3.5
Mildly disagree	4	3555	27.1
Strongly disagree	5	1456	11.1
		-----	-----
Total		13135	100.0

Question 32: There are many things a 5 year old child must do with no explanation from his parents

D100

Not stated	-3	286	2.2
Strongly agree	1	1664	12.7
Mildly agree	2	3531	26.9
Cannot say	3	1049	8.0
Mildly disagree	4	3239	24.7
Strongly disagree	5	3366	25.6
		-----	-----
Total		13135	100.0

Question 33: A young child must be allowed to be himself even if this means going against his parents' wishes

D101

Not stated	-3	232	1.8
Strongly agree	1	1459	11.1
Mildly agree	2	4217	32.1
Cannot say	3	1050	8.0
Mildly disagree	4	3923	29.9
Strongly disagree	5	2254	17.2
		-----	-----
Total		13135	100.0

Question 34: Parents must face the fact that teenagers have different morals to their own when they were that age and must put up with it

D102

Not stated	-3	223	1.7
Strongly agree	1	2281	17.4
Mildly agree	2	4957	37.7
Cannot say	3	1001	7.6
Mildly disagree	4	2581	19.6
Strongly disagree	5	2092	15.9
		-----	-----
Total		13135	100.0

Question 35: It is not surprising if educational standards are falling when children have so much freedom in school nowadays

D103

Not stated	-3	225	1.7
Strongly agree	1	4032	30.7
Mildly agree	2	3858	29.4
Cannot say	3	1361	10.4
Mildly disagree	4	2180	16.6
Strongly disagree	5	1479	11.3
		-----	-----
Total		13135	100.0

Question 36: A wife must sacrifice her right to go out to work once she has children

D104

Not stated	-3	210	1.6
Strongly agree	1	1944	14.8
Mildly agree	2	2516	19.2
Cannot say	3	859	6.5
Mildly disagree	4	3336	25.4
Strongly disagree	5	4270	32.5
		-----	-----
Total		13135	100.0

Question 37: A mother should accept that her children are sometimes too busy to do as she asks

D105

Not stated	-3	196	1.5
Strongly agree	1	1462	11.1
Mildly agree	2	5002	38.1
Cannot say	3	486	3.7
Mildly disagree	4	3387	25.8
Strongly disagree	5	2602	19.8
		-----	-----
Total		13135	100.0

Question 38: You cannot expect a child under five to understand how another person feels

D106

Not stated	-3	201	1.5
Strongly agree	1	3751	28.6
Mildly agree	2	3822	29.1
Cannot say	3	469	3.6
Mildly disagree	4	3316	25.2
Strongly disagree	5	1576	12.0
		-----	-----
Total		13135	100.0

Question 39: A well brought up child is one who does not have to be told twice to do something

D107

Not stated	-3	197	1.5
Strongly agree	1	1878	14.3
Mildly agree	2	2970	22.6
Cannot say	3	513	3.9
Mildly disagree	4	4390	33.4
Strongly disagree	5	3187	24.3
		-----	-----
Total		13135	100.0

Question 40: A mother's proper place is at home with her children

D108

Not stated	-3	217	1.7
Strongly agree	1	4371	33.3
Mildly agree	2	4167	31.7
Cannot say	3	799	6.1
Mildly disagree	4	2344	17.8
Strongly disagree	5	1237	9.4
		-----	-----
Total		13135	100.0

Question 41: Children under five should never be allowed to watch adult T.V.

D109

Not stated	-3	198	1.5
Strongly agree	1	2111	16.1
Mildly agree	2	2483	18.9
Cannot say	3	629	4.8
Mildly disagree	4	4472	34.0
Strongly disagree	5	3242	24.7
		-----	-----
Total		13135	100.0

Question 42: Children who get upset whilst in hospital soon get over it afterwards

D110

Not stated	-3	198	1.5
Strongly agree	1	2464	18.8
Mildly agree	2	3288	25.0
Cannot say	3	3564	27.1
Mildly disagree	4	2005	15.3
Strongly disagree	5	1616	12.3
		-----	-----
Total		13135	100.0

Question 43: Girls are just as capable as boys of learning to be engineers

D111

Not stated	-3	189	1.4
Strongly agree	1	6817	51.9
Mildly agree	2	3356	25.6
Cannot say	3	1660	12.6
Mildly disagree	4	700	5.3
Strongly disagree	5	413	3.1
		-----	-----
Total		13135	100.0

[Composite attitude scores derived from the above are described in D124A-H]

The last few questions on this page are to give us some idea about how you got on with the form.

Question 1: Did you have any difficulty in understanding any of the questions?

D112 Difficulty understanding questions

Not stated	-3	211	1.6
No, no difficulty	1	10269	78.2
Yes - some questions were difficult	2	2483	18.9
Yes - many questions were difficult	3	172	1.3
		-----	-----
Total		13135	100.0



Question 2: Did you have any difficulty in making up your mind about any questions?

D114 Difficulty making up mind

Not stated	-3	231	1.8
No, no difficulty	1	7788	59.3
Yes-some difficulty	2	4965	37.8
Yes-a lot of difficulty	3	151	1.1
		-----	-----
Total		13135	100.0

Question 3: Who answered this form?

D116 Who answered form

Not stated	-3	128	1.0
Mother alone	1	9750	74.2
Father alone	2	92	.7
Mother & father together	3	3152	24.0
Other person	4	13	.1
		-----	-----
Total		13135	100.0

Question 4: How long did it take to complete?

D117 Time taken to complete form (in minutes)

Not stated	-3	217	1.7
Not known	-2	12	.1
Time given		12906	98.2
		-----	-----
Total		13135	100.0

range 2 - 90

D118A Procedure adopted for completion of form

Not stated	-3	201	1.5
Questionnaire left with mother & collected after completion	1	7295	55.5
Mother completed it without help during the home interview	2	3636	27.7
Mother completed it with some help from the interviewer	3	1045	8.0
Interviewer read out all the questions for mother to respond	4	735	5.6
Other procedure	5	223	1.7
		-----	-----
Total		13135	100.0

## D119 Rutter score

## Purpose

To provide a summary of behaviour score from 27 behavioural items using the 0, 1, 2 weighting system suggested by M. Rutter, J. Tizard and K. Whitmore, 1970, Education and Behaviour.

## Variables used

D006, D007, D009, D010, D016, D019, D025 - D043.

Some items included in the original Rutter A-scale were excluded from this scale mainly because of the high non-response rate on these items compared with the other items in the scale. These are:

D008 Billiousness  
D024 Tears on arrival at school  
E306 Stammer and stutter  
E307 Other speech difficulties

## Specification

Weights are assigned to the values of the items comprising the scale. The sum of these weights gives the Rutter behaviour score.

A score of 1 is added for any of the following:

D006 - D009 = 3, D010, D019 = 2,4; D016B, D017B, D018B = 1,5;  
D025 - D043 = 2.

A score of 2 is added for any of:

D006 - D009 = 4; D010, D019 = 2,4, D016B, D017B, D018B = 1,5;  
D025 - D043 = 2.

Note that non-response in any variable is given a zero weighting thus a high proportion of items with non-response will tend to produce a lower score than might otherwise be achieved.

## D119 Rutter score

Not stated	-3	98	.7
Score given		13037	99.3
		-----	-----
Total		13135	100.0

Range 0-38

D121 gives the number of behaviour items not stated so that children with an unacceptable level of non-response may be excluded from analysis.

## D121 No. of items missing for Rutter score

Not stated	-3	62	.5
Items given		13073	99.5
		-----	-----
	Total	13135	100.0

Range 0 - 27

## D122 Malaise score

## Purpose

To provide index of psychiatric problems in parents as suggested by M. Rutter, et al.

## Variables used

VARs D044 to D067 inclusive are the 24 items comprising the scale.

## Specification

Items coded 1 (yes) are given a weight of 1. Items coded 2 (no) or -3 (not stated) are given a zero weight. The sum of the weights give the Malaise score. If there was no mother figure, this variable is coded -1 (NA). If all 24 items are not stated (-3), this variable is coded -3 (NS).

## Notes on use of variable

VAR D123 below indicates the number of items in the scale which were not stated. Accuracy may be increased by limiting analyses to mothers providing complete information.

## D122 Malaise score

Not stated	-3	160	1.2
Not applicable - no mother	-1	52	.4
Score derived		12923	98.4
		-----	-----
	Total	13135	100.0

Range 0 - 23

## D122A      Grouped malaise score

Rutter et al used a cut-off point at 7 and over to identify mothers at risk of psychiatric disorder.

## D122A      Malaise score grouped

Not stated	-3	160	1.2
Not known	-2	89	.7
Not applicable - no mother	-1	52	.4
<7	1	9742	74.2
7+	2	3092	23.5
		-----	-----
	Total	13135	100.0

## D123      Malaise: missing items

## Specification

Items D044 - D067 coded -3 (not stated) are given a weight of 1. Items coded 1 or 2 are given a zero weight. The sum of the weights gives the number of items not stated. If there was no mother figure, this variable is coded -1 (NA).

## D123      Malaise score: no. of items missing

Not stated	-3	54	.4
Not applicable - no mother	-1	52	.4
No. items given		13029	99.2
		-----	-----
	Total	13135	100.0

Range 0 - 24

## D124      Maternal attitudes

The 43 five-point Likert items describe attitudes towards the role of women in society and various child-rearing issues. These items were subject to factor analysis to determine the underlying structure of attitudes and eight dimensions were identified. The items which comprised each dimension were then scored by means of separate principal components analyses. This two-stage method of item analysis and scoring provided scores which could correlate to some degree between attitude dimensions. This was preferred to using factor scores from the analysis of all 43 items which would have produced orthogonal dimensions which, we suggest, imposes an artificial constraint on the data. For example, authoritarian world view and child-rearing attitudes would be expected to correlate to some degree.

D124A Attitude to maternal employment

Score derived from variables D091 (-.64), D095 (-.70), D098 (+.72), D104 (+.72), D108 (+.71); figures in brackets are the component loading.

A high score indicates approval for mothers going out to work.

Not stated	-3	161	1.2
Score given		12974	98.8
		-----	-----
	Total	13135	100.0

Range -2.367 to +1.699

D124B Attitude to sex equality

Score derived from D071 (-.53), D075 (+.68), D088 (-.58), D111 (+.65).

High score indicates disagreement with equal opportunities.

Not stated	-3	146	1.1
Score given		12989	98.9
		-----	-----
	Total	13135	100.0

Range -1.362 to +4.046

D124C Needs of better life for women

Score derived from D069 (+.75), D082 (+.75), D078 (+.41)

High scores indicate disagreement with statement.

Not stated	-3	147	1.1
Score given		12988	98.9
		-----	-----
	Total	13135	100.0

Range -1.150 to +4.645

## D124D Attitude towards television

Score derived from D073 (+.61), D083 (+.56), D086 (-.58), D019 (-.53).

High score indicates belief in bad influence of TV.

Not stated	-3	147	1.1
Score given		12988	98.9
		-----	-----
	Total	13135	100.0

Range -2.199 to +3.35

## D124E Attitude towards hospital visiting

Score derived from D074 (+.64), D082 (+.75) and D110 (+.65).

High score indicates importance of visiting children in hospital.

Not stated	-3	150	1.1
Score given		12985	98.9
		-----	-----
	Total	13135	100.0

Range -2.688 to 1.739

## D124F Authoritarian world view

Score derived from D077 (+.62), D088 (+.56), D089 (+.73), D093 (+.56), D102 (+.38).

High score indicates liberal views.

Not stated	-3	157	1.2
Score given		12978	98.8
		-----	-----
	Total	13135	100.0

Range -2.304 to +2.414

## D124G Authoritarian child rearing

Score derived from D070 (+.43), D079 (+.42), D080 (+.52), D081 (+.59), D087 (+.44), D090 (-.21), D094 (+.37), D097 (+.62), D099 (+.59), D100 (+.43), D103 (+.48), D106 (+.40), D107 (+.60).

Not stated	-3	145	1.1
Score given		12990	98.9
		-----	-----
	Total	13135	100.0

Range -2.814 to +3.021

## D124H Children should be themselves

Score derived from D072 (+.36), D076 (-.35), D085 (+.62), D096 (+.52), D101 (+.62), D105 (+.59) with 1 added.

High scores indicate disagreement.

Not stated	-3	147	1.1
Score given		12988	98.9
		-----	-----
Total		13135	100.0

Range -2.433 to +3.413

# Child Health and Education in the Seventies

A national study in England, Wales and Scotland of all children born 5th–11th April 1970

Under the auspices of the University of Bristol  
and the National Birthday Trust Fund

Department of Child Health Research Unit  
University of Bristol  
Bristol BS2 8BH

Health District Code

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Child's Local Serial Number

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Child's Central Survey Number

--	--	--	--	--	--

CONFIDENTIAL

## MATERNAL SELF-COMPLETION QUESTIONNAIRE

Full Name of the Child

Sex

Address

Date of birth . April 1970

### To the Mother

This questionnaire is part of a survey into the health and education of 5 year old children. In this form we are asking about the behaviour of your child, your own health and your opinions on a number of subjects. We hope that you will be able to find time to complete the form and that you will find it of interest. We would be grateful to have any remarks you may care to make about the questions in this form and you will find space for this on the last page. All information will be treated in the strictest confidence.

If you should have any difficulty in filling in any part of the form, the Health Visitor will be pleased to advise you.

### SECTION 1 Child's Behaviour

Please put a cross in the box by the answer which best describes which is true about your child's behaviour.

The following examples will help you to see what is required.

#### Example 1

PLEASE SAY IF

	Never in the last 12 months	Less than once a month	At least once a month	At least once a week
Child has dizzy spells	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Child complains of aching back or limbs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The crosses in these boxes mean that this child has dizzy spells less than once a month and complains of aching back or limbs at least once a week.

#### Example 2

DOES CHILD HAVE ANY DIFFICULTY DRESSING?

NO

YES

IF YES, is this with

Shoes

Socks

Pants

Shirts/dresses etc

Buttons

Zips

The crosses in these boxes mean that this child has difficulty in dressing, and socks and buttons are the main problems.

PLEASE TURN OVER THE PAGE AND ANSWER THE QUESTIONS

Please leave blank

1-9

0-8



1 Below is a list of minor health problems which most children have at some time. Please tell us how often each of these happens with your child by putting a cross in the box which best describes this.

	Never in the last 12 months	Less than once a month	At least once a month	At least once a week
Complains of headaches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complains of stomach ache or has vomited	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complains of biliousness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has temper tantrums (that is complete loss of temper with shouting, angry movements, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9-12

Most children go through "difficult" stages. Please show by putting a cross in the correct boxes whether or not your child has any of the following difficulties at the present time. Please answer every question.

2 DOES YOUR CHILD HAVE ANY SLEEPING DIFFICULTY?

NO

YES - MILD

YES - SEVERE

IF YES, which of the following difficulties does he/she have?

- getting off to sleep
- waking during the night
- waking early in the morning
- nightmares or night terrors
- sleepwalking

Please describe any sleeping difficulties, including those above.

13

14 15

3 DOES CHILD EVER WET THE BED AT NIGHTS?

NO  IF NO, at what age did he/she become dry at night?

YES  IF YES, is it

- very occasionally (less than once a week)
- occasionally (at least once a week)
- most nights
- every night

16

4 DOES CHILD EVER WET HIS/HER PANTS IN THE DAYTIME?

NO

YES  IF YES, is it

- very occasionally (less than once a week)
- occasionally (at least once a week)
- most days
- every day

17

5 DOES CHILD EVER SOIL OR MAKE A MESS IN HIS/HER PANTS?

NO

YES  IF YES, is it

- very occasionally (less than once a week)
- occasionally (at least once a week)
- most days
- every day

18

6. DOES CHILD HAVE ANY EATING OR APPETITE PROBLEMS?

NO

YES - MILD

YES - SEVERE

IF YES, is it

not eating enough

over eating for more than the occasional meal

faddiness

Please describe any other eating problem

Please leave blank

19 20

7. DOES CHILD ATTEND SCHOOL, NURSERY SCHOOL, PLAYGROUP OR ANYTHING LIKE THAT?

NO

YES

IF YES, has he/she had tears on arrival

NO

YES, once or twice a week

YES, every day

21

8. Below is a series of descriptions of behaviour often shown by children. After each statement are three columns - "Doesn't apply", "Applies somewhat", and "Certainly applies". If your child definitely shows the behaviour described by the statement put a cross in the box under "Certainly applies". If he/she shows the behaviour described by the statement but to a lesser degree or less often, place a cross under "Applies somewhat". If, as far as you are aware, your child does not show the behaviour, place a cross under "Doesn't apply".

Please put one cross against each statement

	Doesn't apply	Applies somewhat	Certainly applies
Very restless Often running about or jumping up and down. Hardly ever still	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is squirmy or fidgety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often destroys own or others belongings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Frequently fights with other children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not much liked by other children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often worried, worries about many things	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tends to do things on his own - rather solitary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Irritable Is quick to fly off the handle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often appears miserable, unhappy, tearful or distressed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sometimes takes things belonging to others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has twitches, mannerisms or tics of the face or body	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Frequently sucks thumb or finger	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Frequently bites nails or fingers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is often disobedient	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cannot settle to anything for more than a few moments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tends to be fearful or afraid of new things or new situations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is fussy or over particular	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Often tells lies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bullies other children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

22 23

26 29

30 33

34 37

38 40

Many mothers find caring for their children difficult if their own health is not very good. Listed below are a number of common symptoms that mothers often describe to doctors. We would like you to say if these happen to you by putting a ring round Yes or No as in the examples given.

Here are two EXAMPLES

Do your hands often tremble?

Yes

No

Are you worried about travelling long distances?

Yes

No

*This means my hands do not tremble but I am worried about travelling long distances*

PLEASE RING THE CORRECT ANSWER TO EACH OF THE FOLLOWING

- |   |     |    |                      |
|---|-----|----|----------------------|
| Do you often have back ache?  | Yes | No |                      |
| Do you feel tired most of the time?                                       | Yes | No |                      |
| Do you often feel miserable or depressed?                                 | Yes | No | <input type="text"/> |
| Do you often have bad headaches?  | Yes | No | 41-44                |
| Do you often get worried about things?                                    | Yes | No |                      |
| Do you usually have great difficulty in falling asleep or staying asleep? | Yes | No |                      |
| Do you usually wake unnecessarily early in the morning?                   | Yes | No | <input type="text"/> |
| Do you wear yourself out worrying about your health?                      | Yes | No | 45-48                |
| Do you often get into a violent rage?                                     | Yes | No |                      |
| Do people often annoy and irritate you?                                   | Yes | No |                      |
| Have you at times had a twitching of the face, head or shoulders?         | Yes | No | <input type="text"/> |
| Do you often suddenly become scared for no good reason?                   | Yes | No | 49-52                |
| Are you scared to be alone when there are no friends near you?            | Yes | No |                      |
| Are you easily upset or irritated?  | Yes | No |                      |
| Are you frightened of going out alone or of meeting people?               | Yes | No | <input type="text"/> |
| Are you constantly keyed up and jittery?                                  | Yes | No | 53-56                |
| Do you suffer from indigestion?   | Yes | No |                      |
| Do you often suffer from an upset stomach?                                | Yes | No |                      |
| Is your appetite poor?  | Yes | No | <input type="text"/> |
| Does every little thing get on your nerves and wear you out?              | Yes | No | 57-60                |
| Does your heart often race like mad?                                      | Yes | No |                      |
| Do you often have bad pains in your eyes?                                 | Yes | No |                      |
| Are you troubled with rheumatism or fibrositis?                           | Yes | No | <input type="text"/> |
| Have you ever had a nervous breakdown?                                    | Yes | No | 61-64                |
| Do you have any other health problems worrying you?                       | Yes | No | <input type="text"/> |

IF YES, please describe in your own words

65-68

This section asks for your opinion about a wide range of subjects. Please give your own opinions and do not worry about what others may think. There are no "correct" answers to the questions. We expect you will agree with some statements and disagree with others.

If you strongly agree, ring the 'A'

If you mildly agree, ring the 'a'

If you mildly disagree, ring the 'd'

If you strongly disagree, ring the 'D'

If you cannot say whether you agree or disagree with a statement, for instance when it "depends on circumstances", ring the 'X'

Please try to answer every one, but if you do not understand a statement leave it out.

These three examples should help you to see how to answer the questions

Example 1

Strongly agree Mildly agree Cannot say Mildly disagree Strongly disagree

People are not very co-operative these days

*This means I strongly disagree with this statement*

A	a	X	d	D
---	---	---	---	---

Example 2

If people were not so selfish the world would be a happier place

*This means I mildly agree with this statement*

A	a	X	d	D
---	---	---	---	---

Example 3

No marriage is complete without children

*This means I strongly agree with this statement*

A	a	X	d	D
---	---	---	---	---

PLEASE ANSWER EVERY QUESTION

Strongly agree Mildly agree Cannot say Mildly disagree Strongly disagree

1 Women need something more from life than they can get by just looking after the home and children

A	a	X	d	D
---	---	---	---	---

2 Such activities as painting and playing should take second place to teaching reading and arithmetic in infant schools

A	a	X	d	D
---	---	---	---	---

3 Girls should accept the fact that they will marry and have children and not think about starting a career

A	a	X	d	D
---	---	---	---	---

4 Strictly disciplined children rarely grow up to be the best adults

A	a	X	d	D
---	---	---	---	---

5 Young children who never see children's T V miss a lot which is of value

A	a	X	d	D
---	---	---	---	---

6 It's best not to visit children under five in hospital because it is too upsetting for the child

A	a	X	d	D
---	---	---	---	---

7 Women should have the same work opportunities as men

A	a	X	d	D
---	---	---	---	---

8 If a child is often allowed to have his own way while he is young he will be uncontrollable later

A	a	X	d	D
---	---	---	---	---

1-5
-----

6-8
-----

9-12
------

13-16
-------

		Strongly agree	Mildly agree	Cannot say	Mildly disagree	Strongly disagree
9	A person that does not let others stand in his way is to be admired	A	a	X	d	D
10	Things should be made easier for unmarried mothers	A	a	X	d	D
11	Increases in vandalism and delinquency are largely due to the fact that children nowadays lack strict discipline	A	a	X	d	D
12	Children should not be allowed to talk at the meal table	A	a	X	d	D
13	Children under five should always accept what their parents say as being true	A	a	X	d	D
14	Mothers need a break from their children from time to time during the day	A	a	X	d	D
15	TV is a useful way of keeping the children amused	A	a	X	d	D
16	It is unreasonable to expect hospitals to upset their routine by allowing unlimited visiting in children's wards	A	a	X	d	D
17	Parents should treat young children as equals	A	a	X	d	D
18	Young children pick up a lot of bad habits from TV	A	a	X	d	D
19	One of the things parents must do is sort out their children's quarrels for them and decide who is right and wrong	A	a	X	d	D
20	Some equality in marriage is a good thing, but by and large the husband ought to have the main say-so in family matters	A	a	X	d	D
21	Nothing is worse than a person who does not feel a great love, gratitude and respect for his parents	A	a	X	d	D
22	Unquestioning obedience is not a good thing in a young child	A	a	X	d	D
23	The State should open more day nurseries so as to make it easier for mothers of young children to go out to work	A	a	X	d	D
24	The trouble with hospital specialists is that they never have time to explain all their patients would like to know	A	a	X	d	D
25	People should be satisfied with their lot in this world and not struggle to get more	A	a	X	d	D
26	A mother who always gives in to her young child's demands for attention will spoil him	A	a	X	d	D

17 20

21 24

25 28

29 32

Strongly agree    Mildly agree    Cannot say    Mildly disagree    Strongly disagree

27	There is nothing wrong with a mother going out to work if her children can be properly cared for by someone else	A	a	X	d	D
28	Teaching 5 year old children obedience and respect for authority is not as important as all that	A	a	X	d	D
29	If pre-school children would pay more attention to what they are told instead of just having their own ideas they would learn more quickly	A	a	X	d	D
30	A mother who leaves her children with some one else in order to go out to work is not fit to be a mother unless she needs the money for food and clothes	A	a	X	d	D
31	A child should not be allowed to talk back to his parents	A	a	X	d	D
32	There are many things a 5 year old child must do with no explanation from his parents	A	a	X	d	D
33	A young child must be allowed to be himself even if this means going against his parents' wishes	A	a	X	d	D
34	Parents must face the fact that teenagers have different morals to their own when they were that age and must put up with it	A	a	X	d	D
35	It is not surprising if educational standards are falling when children have so much freedom in school nowadays	A	a	X	d	D
36	A wife must sacrifice her right to go out to work once she has children	A	a	X	d	D
37	A mother should accept that her children are sometimes too busy to do as she asks	A	a	X	d	D
38	You cannot expect a child under five to understand how another person feels	A	a	X	d	D
39	A well brought up child is one who does not have to be told twice to do something	A	a	X	d	D
40	A mother's proper place is at home with her children	A	a	X	d	D
41	Children under five should never be allowed to watch adult T V	A	a	X	d	D
42	Children who get upset whilst in hospital soon get over it afterwards	A	a	X	d	D
43	Girls are just as capable as boys of learning to be engineers	A	a	X	d	D

33-36

37-40

41-44

45-48

49-51

The last few questions on this page are to give us some idea about how you got on with the form

Please leave Blank

1 Did you have any difficulty in understanding any of the questions?

NO, no difficulties

YES, some questions were difficult

YES, many questions were difficult

IF YES, please say which questions were difficult and why

-

  
52 33

2 Did you have any difficulty in making up your mind about any questions?

NO, no difficulty

YES some difficulty

YES, a lot of difficulty

IF YES, please say which questions and why

  
54 35

3 Who answered this form?

Mother alone

Father alone

Mother and father together

  
56

4 How long did it take to complete?

minutes

  
57 38

5 Any other comments about the form

-

-

-

  
59-62

THANK YOU VERY MUCH FOR ALL YOUR HELP

# THE 1970 BIRTH COHORT

DATA DEPOSITED WITH THE  
ESRC DATA ARCHIVE

(E) 5 - YEAR FOLLOW-UP:  
HOME INTERVIEW

DOCUMENT PREPARED BY :  
INSTITUTE OF CHILD HEALTH  
UNIVERSITY OF BRISTOL  
BRISTOL



THE 1970 BIRTH COHORT

5-YEAR FOLLOW-UP

HOME INTERVIEW QUESTIONNAIRE

DESCRIPTION OF DATA DEPOSITED

WITH THE ESRC DATA ARCHIVE

BY

DIVISION OF EPIDEMIOLOGY

DEPARTMENT OF CHILD HEALTH

UNIVERSITY OF BRISTOL

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### IV THE QUESTIONNAIRE

## PART I. REASONS FOR THE 5-YEAR SURVEY

The purpose of the 5-year survey was to review and evaluate pre-school health, care and education services throughout Britain as experienced by the cohort of children born during the week 5-11 April 1970.

The main findings from the survey are published in two reports covering the social (Osborn, Butler and Morris, 1984) and health (Butler and Golding with Howlett, 1986) aspects of the children's lives. The following notes on the survey methods are extracted from the report by Osborn, Butler and Morris (1984) from which further details can be obtained.

### Tracing the children

The children in England and Wales were traced through the cooperation of the registration division of the Registrar General's Office (RGO), the National Health Service Central Register (NHSCR) and Family Practitioner Committees (FPCs). The RGO produced a computer listing of every child whose date of birth was registered as occurring during the week 5-11 April 1970. Using the details provided by the RGO the NHSCR was then able to identify the Area Health Authority (AHA) in which each child was last registered with a NHS general practitioner. The NHSCR could also say if a child had gone abroad, was registered with a Service Medical Officer, i.e. if the father was a member of the HM Forces, or had died, in which case a copy of the death certificate was supplied. Using the NHS number provided by the NHSCR, Family Practitioner Committees could pinpoint the home address of children who had not emigrated or died. This information was passed to the community nursing service of the AHA in which the FPC was located, and the local health visitors personally approached the families in question, inviting them to participate in the study. This procedure ensured that information confidential to the health authorities such as the home address of the study child was not disclosed to the research team unless the parents had agreed to take part.

A similar procedure was adopted in Scotland, but because the administrative structure was slightly different, the Scottish NHSCR was provided with the names of the children who had taken part in the British Births (1970) study. They added the child's NHS number and located the Health Board in which the child was last registered with a NHS general practitioner. Administrators of Primary Care in each Health Board used this information to identify each child's home address which was communicated to the health visitors who then invited the parents' participation.

The whereabouts of children of servicemen who were registered with a Service Medical Officer were determined with the help of the Service Children's Education Authority. This group included 64 children of service families who were interviewed by nurses of the Soldiers, Sailors and Airmen Families Association (SSAFA) in West Germany, Malta,

Gibraltar and Singapore. These children were included in the survey because they were members of the British Births cohort and although they were overseas in 1975 were likely to return to Britain and be included in future follow-ups of the cohort.

These methods of tracing depended entirely on the availability of information obtained at the time of the children's birth. Thus children who were born outside Great Britain but were resident here in 1975 could not be traced in this way. Health Visitors located some of these children by scanning child health records for children born during the study week, but immigrant children were inevitably under-represented in the sample. The NHSCR could provide no information about children who were adopted for reasons of confidentiality. Some adopted children were located from child health records, but information obtained on these children at age five could not be linked with that obtained at birth because of the lack of necessary information concerning their origins.

The cohort size in 1975 was estimated to be 16,284 children. Of these 13,135 (80.7%) were successfully traced and interviewed on or shortly after their fifth birthdays in April 1975. This was considered to be a reasonable response rate considering the difficulty of tracing children in the preschool period.

#### Data collection

Four research documents were used in the five-year survey. These were:

1. Maternal Self-completion Questionnaire
2. Home Interview Questionnaire
3. Test Booklet
4. Developmental History Schedule

These documents were designed to obtain different types of information.

1. The Maternal Self-completion Questionnaire (MSQ) was designed for completion by the mother herself. This was done mainly to reduce the effect of interviewer bias in completing the attitudinal data. However, this also served to reduce the duration of the home interview. More than half the mothers (56.4%) completed the MSQ out of the presence of the health visitor and a further 28.1% completed it unaided during the health visitor's visit. The health visitor's help was needed by only 15.5% of the mothers, some of whom had difficulty in reading or required an interpreter. The MSQ contained questions concerning the child's behaviour at home and maternal depression. These were based on the Rutter A Scale of behavioural, deviance and the Malaise Inventory (Rutter et al., 1970). There were also forty-three attitudinal items designed to elicit attitudes towards child rearing, maternal employment, television viewing and hospital visiting.

2. The Home Interview Questionnaire (HIQ) was administered by health visitors who carried out the interviews in the children's own homes. Usually the interviewee was the mother (92.3%). Relatively few fathers were present at interviews (7%). Fewer than 1% of the interviews were carried out with persons other than the child's parents. Many questions in the HIQ had precoded response categories where a finite number of responses could be anticipated. Other questions were of the open-ended type which required responses to be written down. This approach was used where the potential range of responses was unknown in advance. Replies to open-ended questions were coded according to schemes devised by scrutinising a thousand randomly selected questionnaires.

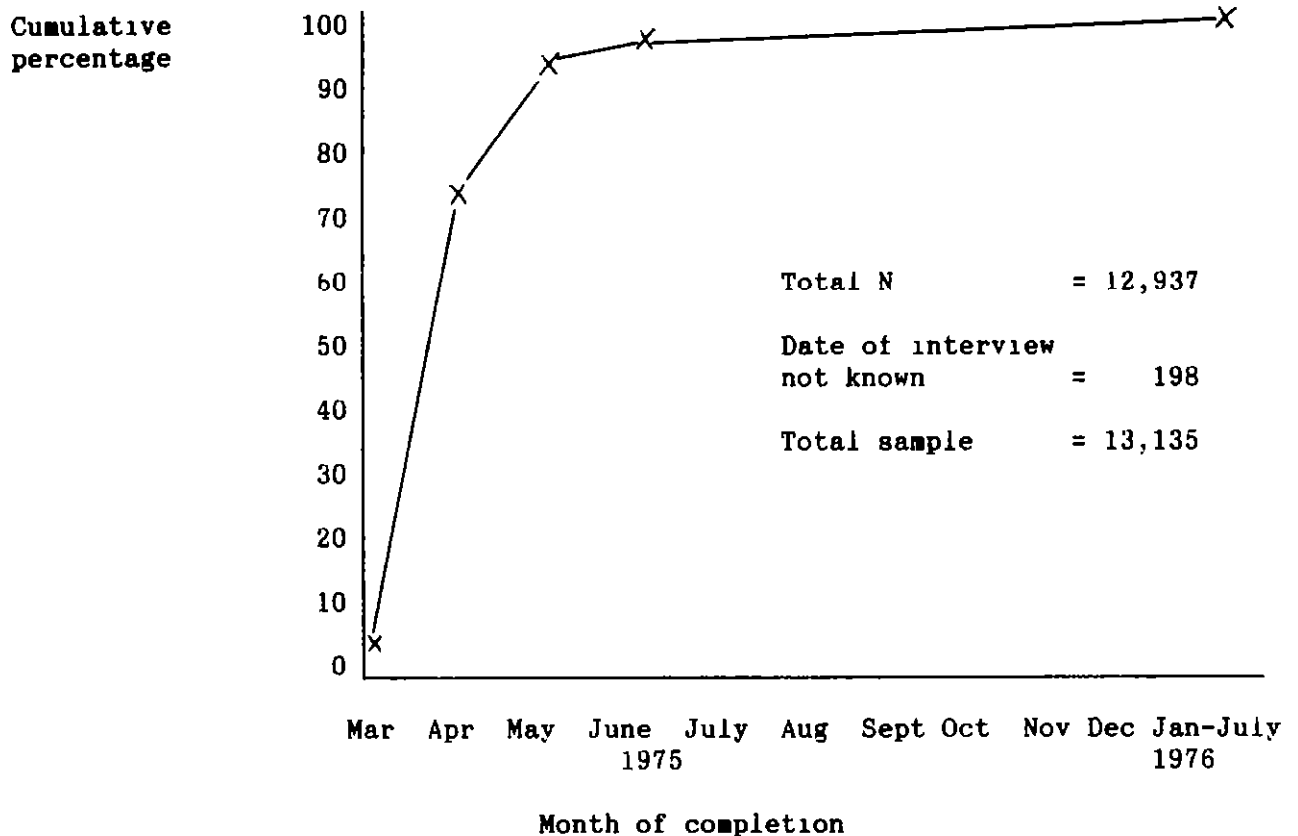
3. Test Booklet (TB) was administered by the health visitor during her visit to the child at home.

4. The Developmental History Schedule (DHS) was designed to obtain information from child health records. Details of developmental screening throughout the preschool period were obtained by reference to child health clinic and health visitor records where these were available. The number of missing records, however, make these data of limited use, and they are not deposited in the ESRC archives.

#### Administration

To achieve a reasonable degree of consistency in the manner in which interview and tests were carried out nationally, a comprehensive set of explanatory notes was prepared for the health visitor interviewers. In addition, briefing meetings were held at regional centres throughout Britain. Criticism of the deployment of health visitors as survey interviewers (Newson, 1970, p.19) is totally misplaced in studies of this type (Douglas, 1976, pp.11-13). Nearly half the families in this study were known to the health visitor interviewers through previous professional contact. Health visitors are seen by the mothers as medical workers with a legitimate interest in all aspects of the children's health, development, social and family circumstances. Health visitors also had access to child health records which provided an important additional source of information on the early health surveillance of these children as well as the means of tracing additional children born in the study week.

The main period of data collection took place over six months in 1975, during which time information was obtained on 95% of the traced sample (Figure 1). Thus, inferences can be made about children aged between five and five and a half years. The same statistical considerations apply to this sample as to that of the National Child Development Study. David et al., 1972, p 216 and Pringel et al., 1966, p 10, concisely summarise these considerations.

**FIGURE 1** MONTH OF COMPLETION OF HOME INTERVIEW QUESTIONNAIRENon-response

There are basically two types of non-response which have been termed specific and gross non-response. Specific non-response occurs where respondents cooperate in the study but fail to complete every part of it and results in some questions having a proportion of 'not stated' responses. Some questions in the present study were affected more by specific non-response than others. For example, information about the parental situation was obtained on every child, but information about the father's experience of any unemployment was not available for over 30% of the children. The majority of variables, however, had a specific non-response rate of under 5%.

Gross non-response was due to cohort members being completely missing from the survey. The two main causes of gross non-response were failure to trace children born in the study week and unwillingness on the part of some families to cooperate in the study. The total gross non-response rate was only a fifth (19.3%) of the estimated sample size despite the difficulty of tracing the children before they had all entered infant school. Assessment of bias was tackled in two ways: firstly, comparison of birth characteristics of those followed up with those who were not. revealed no social class differences, and no sex

differences. Children born to teenage mothers, those of high parity, those who were heavy smokers were somewhat less likely to be contacted. This difference was relatively small. The strongest bias, however, concerned a failure to trace the children of mothers who were single, separated, widowed or divorced at the time of birth (Butler & Golding 1986). Secondly, it was decided to trace and obtain limited information about the children who were missed in the 1975 study in order to check whether these differed in any important respects from those who were successfully traced and interviewed. This additional survey took place just two years later, when the children were seven.

There was little regional or social class variation in trace rates. Nevertheless, factors more directly related to the problems of tracing and interviewing cohort members, such as geographical mobility and family disruption, proved to be more important considerations (Osborn, Butler & Morris, 1984). Higher proportions of children in the 1975 survey were living with their natural parents.

Children of ethnic minorities were more difficult to trace, especially if they had come into Britain since the time of their birth. Interviewing difficulties, especially where there were language differences, further increased the risk of bias in the study. The 1975 survey found 92.3% of the children were with parents who were both of UK origin, i.e. not members of an ethnic minority, but in the 1977 study of children missed in 1975 this figure was down to 84%.

Families which are geographically mobile are expected to be difficult to trace and this factor could have been a major reason why some families were not traced in time for the 1975 survey.

Even with this sizable difference between the children in the two surveys, however, the relatively large size of the sample interviewed in 1975 compared with the 1977 sample means that any bias resulting from the loss of children in mobile families will be trivial for analyses involving the whole 1975 survey sample. Analysis carried out on a sub-sample of highly mobile children (i.e. those who moved more than twice in five years), however, would be very prone to error because over a fifth (22.9%) of this group were untraced for the 1975 survey. Comparisons were made in terms of overcrowding (persons per room ratio), and availability of four basic household amenities (kitchen, bathroom, indoor lavatory and hot water supply). The observed differences were so small that statistical significance was achieved for only two of the five housing indicators - crowding and availability of a kitchen. These items suggested that the 1975 sample had a slight excess of children in poor housing conditions. The differences, however, were not sufficient to create a bias in the 1975 sample.

The likelihood of bias resulting from missing data is discussed in more detail in Osborn, Butler & Morris (1984).

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**Books and monographs**

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1. The effects of social and educational change on behaviour in mid-childhood (A.F. Osborn).
2. Regional variation in morbidity and health behaviour (J. Pollock).
3. Accidental injuries (J. Golding).
4. Convulsive disorders (C. Verity).
5. The long-term effects of passive smoking (J-A Evans).
6. Immunisation Benefits and costs (J. Pollock).
7. Maternal health behaviour and long-term effects on the child (J. Pollock).
8. Pre-term delivery and child health and development (T. Shenton).
9. Child health and development after pregnancies complicated by pre-eclampsia (P. Thomas).

PART II. DESCRIPTION OF DATA FORMAT.

The data file

This is set up in SPSS(X) format.

Coding

Throughout the following standard codes have been used

- 1 not applicable (i.e. the question is not relevant to this child)
- 2 not known (i.e. the question may be relevant but the answer was specifically stated to be unknown)
- 3 not stated (i.e. no answer was given)
- 4 vague response (e.g. several, many)

Number of cases

In all, there are 13,135 cases on file.

Layout of tables

Details are given for each variable on the file in the pages that follow.

First the actual question is quoted verbatim from the questionnaire, but it is advisable also to refer to the questionnaire reproduced at the end of this document.

The code, frequency (i.e. no of children with that code) and percentage (out of 13,135) are then given for all non-continuous variables.

Matching files

This should be done only using the KEY variable.



THE 1970 BIRTH COHORT  
HOME INTERVIEW QUESTIONNAIRE

## KEY VARIABLE

All mothers in the birth survey have a key number in the range 000010 to 164112, if born in Great Britain, and in the range 200000 to 206212 if born in Northern Ireland. Children who were not in the Birth Survey but included in the 5-year survey have key nos in range 300000 - 399999. Note that multiple births have the same first 5 digits but can be distinguished using the last digit.

E001 Singleton or twin

	VALUE	FREQUENCY	PERCENT
Singleton	0	12868	98.0
1st twin	1	125	1.0
2nd twin	2	125	1.0
1st twin only in survey*	3	12	.1
2nd twin only in survey*	4	5	.0
		-----	-----
Total		13135	100.0

[\* i.e. cotwin died]

E004 Child's place of residence

[This variable was derived from information given at various places on the questionnaire]

Domestic - relative's	1	6	.0
Domestic - fostered	2	20	.2
Residential home	3	14	.1
With parents	9	13095	99.7
		-----	-----
Total		13135	100.0

## SECTION A: FAMILY COMPOSITION

## Question A.1 (a) People in the household

A household consists of a group of people who all live at the same address and who are all catered for by the same person. List below all the members of this household. Include the study child, N, the present parents and others, e.g. relatives or lodgers, who are members of this household. Exclude any who are only at home for short periods: enter these in Table (b) below. [see questionnaire for lay out]

## E005 Number of persons in household

Total number of all who live at the same address and are catered for by the same person. Family members who are at home only for short periods, e.g. holidays or leave, are excluded from this number.

Not applicable*	-1	14	.1
	2	101	.8
	3	1284	9.8
	4	6087	46.3
	5	3245	24.7
	6	1387	10.6
	7	558	4.2
	8	240	1.8
	9	122	.9
	10	56	.4
	11	22	.2
	12	12	.1
	13	2	.0
	14	4	.0
	15	1	.0
		-----	-----
	Total	13135	100.0

[\* residential home]

## E006 Number of children older than study child

Includes all children whether or not related to the study child whose birth dates fell on or after 5 April 1957 and before 5 April 1970. [see note following E007]

Not applicable*	-1	14	.1
	0	5002	38.1
	1	4547	34.6
	2	2156	16.4
	3	910	6.9
	4	310	2.4
	5	124	.9
	6	52	.4
	7	18	.1
	8	1	.0
	10	1	.0
		-----	-----
[*residential home]	Total	13135	100.0

## E007 Number of children younger than study child

Includes all children whether or not related to the study child whose birth dates fell on or after 5 April 1970.

Not applicable*	-1	14	.1
	0	7270	55.3
	1	4975	37.9
	2	783	6.0
	3	85	.6
	4	7	.1
	5	1	.0
		-----	-----
	Total	13135	100.0

[\*residential home]

Note:

1. Children related to the study child who are away for long periods, e.g. at boarding school, residential special school, in care, fostered, etc. are excluded from VARS E006-7.

2. A surviving twin of the study child is included in VAR E006 (older children).

## E008 Age of mother figure in 1970

Not stated	-3.	154	1.2
Not applicable	-1.	52	.4
Age given		12929	98.4
		-----	-----
	Total	13135	100.0

Range given 13 - 65

## E009 Age of father figure in 1970

Not stated	-3	189	1.4
Not applicable	-1	655	5.0
Age given		12291	93.6
		-----	-----
	Total	13135	100.0

Range 14 - 72

Note:

Ages are given of parent substitutes, e.g. foster parents, adoptive parents, grandparents, etc, as well as natural parents. Age at April 1970 is used. Parents' age at time of survey may be obtained by adding 5.

Question A.2 (a) What is the relationship to N of the person now acting as his/her mother?

E010 Mother figure Mother figure must be female, adult (born before April 1957) and living in the same household as the study child. There must be only one mother figure. Same general principles apply as for the father figure below. [see note following E011B]

Natural mother	1	12880	98.1
Mother by legal adoption	2	97	.7
Stepmother	3	13	.1
Foster mother	4	26	.2
Grandmother	5	45	.3
Elder sister	6	1	.0
Father's cohabitee	7	14	.1
Other mother figure	8	7	.1
No mother figure	9	52	.4
		-----	-----
Total		13135	100.0

Please give reason(s) for any past changes in N's situation, e.g. family changes, mother died, etc.

E010A Changes in situation

Not stated	-3	98	.7
Not applicable	-1	12880	98.1
Death of mother	1	17	.1
Divorce	2	28	.2
Other situation	3	112	.9
		-----	-----
Total		13135	100.0

If N is not now living with natural mother, i.e. 2-9 ringed, please ask when this situation began.

E010B Age at change (year)

Not known	-2	17	.1
Not applicable	-1	12880	98.1
	0	107	.8
	1	23	.2
	2	25	.2
	3	35	.3
	4	34	.3
	5	14	.1
		-----	-----
Total		13135	100.0

Question A.3 (a) What is the relationship to N of the person now acting as his/her father?

E011 Father figure: Father figure must be male, adult (born before April 1957) and living in the same household as the study child. There must be only one father figure. If father is normally part of the household but is away a lot of the time because of his job, e.g. in H.M. Forces, on oil rig, in the merchant navy, deep sea fisherman, etc., or because in prison or temporarily absent for other reasons, the person counts as father figure in question A3(a) in the Home Interview Questionnaire. If father is divorced, separated from or has deserted the mother, he is not considered to be a father figure even if visiting child daily. If this person was entered in Table (b) in question A.1 and reason for absence was divorce, separation or desertion, he was excluded from the table when coding. [see note following E011B]

Natural father	1	11937	90.9
Father by legal adoption	2	155	1.2
Stepfather	3	191	1.5
Foster father	4	23	.2
Grandfather	5	85	.6
Mother's cohabitee	7	79	.6
Other father figure	8	10	.1
No father figure	9	655	5.0
		-----	-----
	Total	13135	100.0

Please give reason(s) for any past changes in N's situation, e.g. family changes, father died, etc.

E011A Changes in situation

Not stated	-3	325	2.5
Not applicable	-1	11937	90.9
Death of father	1	73	.6
Divorce	2	339	2.6
Other situation	3	461	3.5
		-----	-----
	Total	13135	100.0

If N is not now living with natural father, i.e. 2-9 ringed please ask when this situation began.

E011B	Age at change (year)		
Not known	-2	176	1.3
Not applicable	-1	11937	90.9
	0	345	2.6
	1	135	1.0
	2	141	1.1
	3	179	1.4
	4	162	1.2
	5	60	.5
	Total	----- 13135	----- 100.0

Except in Q's B.1 to B.4 and B.23 where information is specifically required about N's natural mother or father, the terms "father" or "present father" are used to denote the present father figure identified in Q.A.3(a). The terms "mother" or "present mother" are used to denote the present mother figure identified in Q.A.2(a).

#### Note

VARS E010 and E011 are the key variables indicating the parental situation. Note that there may be a grandfather or other adult male person in the household whom the mother did not consider to be a father figure. Similarly in situations where there is no mother figure; a grandmother or other adult female may be present in the household but not regarded as a mother figure.

## SECTION B: MEDICAL HISTORY AND PRESENT HEALTH

Question B.1 Enter obstetric details on the study child N, and on all liveborn and stillborn children born subsequently to N's natural mother. Include also children no longer living with their natural mother. Record each member of twin pair separately. Exclude miscarriages.

## E012A Birthweight (in ounces) of study child

Not stated	-3	348	2.6
Not known	-2	32	.2
Birthweight given		12755	97.1
		-----	-----
	Total	13135	100.00

Range given 19 - 194

## E012B Gestation at delivery of study child

Not stated	-3	330	2.5
Not known	-2	182	1.4
Over 3 weeks early	1	744	5.7
At term (37-41 weeks)	2	10306	78.5
Over 2 weeks late	3	1573	12.0
		-----	-----
	Total	13135	100.00

## E012C Method of delivery of study child

Not stated	-3	541	4.1
Not known	-2	123	.9
Vertex	1	10385	79.1
Breech	2	450	3.4
Forceps	3	973	7.4
Caesarean	4	582	4.4
Other	5	81	.6
		-----	-----
	Total	13135	100.0

[Note: caesarean combined with any other is coded as caesarean]

## E013 Number of subsequent births

None	0	7295	55.5
	1	4901	37.3
	2	833	6.3
	3	99	.8
	4	7	.1
		-----	-----
	Total	13135	100.0

Note:

1. In the case of study twins the 'other' twin is excluded.
2. Children no longer living with their natural mother are included in data given.
3. Each member of a twin pair is recorded separately, (i.e. subsequent twins)
4. Miscarriages are excluded.
5. It is recommended that analyses using variables E012A to E017G be restricted to children living with their natural mother (E010=1)

## E014A Sex of 1st subsequent child

Not stated	-3	16	.1
Not applicable	-1	7295	55.5
Singleton-boy	1	3040	23.1
Singleton-girl	2	2734	20.8
Singleton-not stated	3	8	.1
Twin-boy	4	24	.2
Twin-girl	5	17	.1
Twin-not stated	6	1	.0
		-----	-----
TOTAL		13135	100.0

## E014B Month of birth of 1st subsequent child

Not stated	-3	23	.2
Not applicable	-1	7295	55.5
	1	443	3.4
	2	512	3.9
	3	564	4.3
	4	570	4.3
	5	580	4.4
	6	513	3.9
	7	482	3.7
	8	452	3.4
	9	412	3.1
	10	435	3.3
	11	435	3.3
	12	419	3.2
		-----	-----
TOTAL		13135	100.0

## E014C Year of birth of 1st subsequent child

Not stated	-3	24	.2
Not applicable	-1	7295	55.5
1971	1	1551	11.8
1972	2	2027	15.4
1973	3	1406	10.7
1974	4	671	5.1
1975	5	161	1.2
		-----	-----
TOTAL		13135	100.0



## E014D Birthweight (oz) of 1st subsequent child

Not Stated	-3	240	1.8
Not Known	-2	2	.0
Not Applicable	-1	7295	55.5
Birthweight given		5598	42.6
		-----	-----
TOTAL		13135	100.0

Range 8 - 184

## E014E Gestation of 1st subsequent child

Not stated	-3	172	1.3
Not known	-2	59	.4
Not applicable	-1	7295	55.5
Over 3 weeks early	1	335	2.6
At term	2	4692	35.7
Over 2 weeks late	3	582	4.4
		-----	-----
TOTAL		13135	100.0

## E014F Method of delivery of 1st subsequent child

Not stated	-3	307	2.3
Not known	-2	36	.3
Not applicable	-1	7295	55.5
Vertex	1	4965	37.8
Breech	2	153	1.2
Forceps	3	143	1.1
Caesarean	4	206	1.6
Other	5	30	.2
		-----	-----
TOTAL		13135	100.0

## E014G Survival of 1st subsequent child

Not stated	-3	632	4.8
Not known	-2	11	.1
Not applicable	-1	7295	55.5
Alive now	1	5074	38.6
Died at 7 days+	2	52	.4
Died under 7 days	3	34	.3
Stillborn	4	37	.3
		-----	-----
TOTAL		13135	100.0

## E015A Sex of 2nd subsequent child

Not stated	-3	5	.0
Not applicable	-1	12196	92.9
Singleton-boy	1	439	3.3
Singleton-girl	2	444	3.4
Singleton-not stated	3	2	.0
Twin-boy	4	21	.2
Twin-girl	5	27	.2
Twin-not stated	6	1	.0
		-----	-----
TOTAL		13135	100.0

## E015B Month of birth of 2nd subsequent child

Not stated	-3	4	.0
Not applicable	-1	12196	92.9
	1	94	.7
	2	71	.5
	3	94	.7
	4	75	.6
	5	71	.5
	6	72	.5
	7	83	.6
	8	94	.7
	9	70	.5
	10	67	.5
	11	74	.6
	12	70	.5
		-----	-----
TOTAL		13135	100.0

## E015C Year of birth of 2nd subsequent child

Not stated	-3	1	.0
Not applicable	-1	12196	92.9
1971	1	32	.2
1972	2	169	1.3
1973	3	291	2.2
1974	4	331	2.5
1975	5	115	.9
		-----	-----
TOTAL		13135	100.0

## E015D Birthweight of 2nd subsequent child

Not stated	-3	43	.3
Not applicable	-1	12196	92.9
Birthweight given		896	6.8
		-----	-----
TOTAL		13135	100.0

## E015E Gestation of 2nd subsequent child

Not stated	-3	44	.3
Not known	-2	13	.1
Not applicable	-1	12196	92.9
Over 3 weeks early	1	90	.7
At term	2	708	5.4
Over 2 weeks late	3	84	.6
		-----	-----
TOTAL		13135	100.0

## E015F Method of delivery of 2nd subsequent child

Not stated	-3	57	.4
Not known	-2	7	.1
Not applicable	-1	12196	92.9
Vertex	1	755	5.7
Breech	2	52	.4
Forceps	3	22	.2
Caesarean	4	44	.3
Other	5	2	.0
		-----	-----
TOTAL		13135	100.0

## E015G Survival of 2nd subsequent child

Not stated	-3	83	.6
Not known	-2	1	.0
Not applicable	-1	12196	92.9
Alive now	1	817	6.2
Died at 7 days +	2	11	.1
Died under 7 days	3	14	.1
Stillborn	4	13	.1
		-----	-----
TOTAL		13135	100.0

## E016A Sex of 3rd subsequent child

Not stated	-3	2	.0
Not applicable	-1	13029	99.2
Singleton-boy	1	38	.3
Singleton-girl	2	59	.4
Twin-boy	4	4	.0
Twin-girl	5	3	.0
		-----	-----
TOTAL		13135	100.0

## E016B Month of birth of 3rd subsequent child

Not stated	-3	2	.0
Not applicable	-1	13029	99.2
	1	8	.1
	2	12	.1
	3	10	.1
	4	10	.1
	5	5	.0
	6	8	.1
	7	13	.1
	8	6	.0
	9	7	.1
	10	8	.1
	11	6	.0
	12	11	.1
		-----	-----
TOTAL		13135	100.0

## E016C Year of birth of 3rd subsequent child

Not stated	-3	1	.0
Not applicable	-1	13029	99.2
1971	1	3	.0
1972	2	6	.0
1973	3	27	.2
1974	4	46	.4
	5	23	.2
		-----	-----
TOTAL		13135	100.0

## E016D Birthweight of 3rd subsequent child

Not stated	-3	7	.1
Not applicable	-1	13029	99.2
Birthweight given		99	.8
		-----	-----
TOTAL		13135	100.0

Range 48 - 206

## E016E Gestation of 3rd subsequent child

Not stated	-3	7	.1
Not known	-2	3	.0
Not applicable	-1	13029	99.2
Over 3 weeks early	1	9	.1
At term	2	75	.6
Over 2 weeks late	3	12	.1
		-----	-----
TOTAL		13135	100.0

## E016F Method of delivery of 3rd subsequent child

Not stated	-3	5	.0
Not known	-2	1	.0
Not applicable	-1	13029	99.2
Vertex	1	84	.6
Breech	2	8	.1
Forceps	3	2	.0
Caesarean	4	6	.0
		-----	-----
TOTAL		13135	100.0

## E016G Survival of 3rd subsequent child

Not stated	-3	7	.1
Not known	-2	1	.0
Not applicable	-1	13029	99.2
Alive now	1	92	.7
Died at 7 days +	2	3	.0
Died under 7 days	3	2	.0
Stillborn	4	1	.0
		-----	-----
TOTAL		13135	100.0

## E017A Sex of 4th subsequent child

Not stated	-3	1	.0
Not applicable	-1	13128	99.9
Singleton-boy	1	4	.0
Singleton-girl	2	2	.0
		-----	-----
TOTAL		13135	100.0

## E017B Month of birth of 4th subsequent child

Not applicable	-1	13128	99.9
	1	1	.0
	5	1	.0
	7	1	.0
	8	2	.0
	9	1	.0
	11	1	.0
		-----	-----
TOTAL		13135	100.0

## E017C Year of birth of 4th subsequent child

Not applicable	-1	13128	99.9
1973	3	4	.0
1974	4	3	.0
		-----	-----
TOTAL		13135	100.0

## E017D Birthweight of 4th subsequent child

Not stated	-3	4	.0
Not applicable	-1	13128	99.9
	99	1	.0
	134	1	.0
	140	1	.0
		-----	-----
TOTAL		13135	100.0

## E017E Gestation of 4th subsequent child

Not stated	-3	3	.0
Not applicable	-1	13128	99.9
Over 3 weeks early	1	2	.0
At term	2	1	.0
Over 2 weeks late	3	1	.0
		-----	-----
TOTAL		13135	100.0

## E017F Method of delivery of 4th subsequent child

Not stated	-3	4	.0
Not applicable	-1	13128	99.9
Vertex	1	2	.0
Caesarean	4	1	.0
		-----	-----
TOTAL		13135	100.0

## E017G Survival of 4th subsequent child

Not stated	-3	3	.0
Not applicable	-1	13128	99.9
Alive now	1	3	.0
Died under 7 days	3	1	.0
		-----	-----
TOTAL		13135	100.0

Question B.2 How soon after N's birth did the mother first start to have regular contact with N, to hold and/or feed, not just to look at?

## E018A First regular contact

Not stated	-3	31	.2
Not known	-2	156	1.2
Within 24 hours of birth	1	10620	80.9
Between 25 and 48 hours after birth	2	1059	8.1
On the third day or later	3	1269	9.7
		-----	-----
Total		13135	100.0

If on third day or later, how many days after N's birth did regular contact start?

E018B First regular contact after two days

Vague response	-4	5	.0
Not stated	-3	52	.4
Not known	-2	32	.2
Not applicable	-1	11866	90.3
No. of days given		1180	9.0
		-----	-----
Total		13135	100.00

Range 3 - 98

Question B.3 After regular contact was established, was there any period of 24 hours or more during the first month of N's life when mother was not in normal contact with N, e.g. to hold and/or to feed?

E018C Separations after regular contact

Not stated	-3	153	1.2
Not known	-2	144	1.1
Not applicable*	-1	94	.7
No separation of 24 hrs or more	1	12077	91.9
Separated 24 hrs or more	2	640	4.9
Cannot remember	3	27	.2
		-----	-----
Total		13135	100.0

\* regular contact not established during 1st month

E019 Number of days separated

Vague answer	-4	4	.0
Not stated	-3	37	.3
Not known	-2	24	.2
Not applicable (no separation)	-1	12495	95.1
Number given		575	4.4
		-----	-----
Total		13135	100.0

Range 1 - 98

Question B.4 Was N breast fed partly or wholly, even for a few days?

E020 Breast feeding

Not stated	-3	42	.3
Not known	-2	87	.7
Yes, for less than 1 month	1	2093	15.9
Yes, for 1 month or more but less than 3 months	2	1294	9.9
Yes, for 3 months or more	3	1412	10.7
Yes, but can't remember how long	4	25	.2
No, was not breast fed at all	5	8182	62.3
		-----	-----
Total		13135	100.0

Question B.5 At what ages did N receive immunisation, against what disease and where?

E021 Number of immunisations

Not stated	-3	404	3.1
No immunisations	0	317	2.4
	1	344	2.6
	2	323	2.5
	3	2018	15.4
	4	3978	30.3
	5	3997	30.4
	6	1475	11.2
	7	186	1.4
	8	66	.5
	9	18	.1
	10	5	.0
	11	3	.0
	12	1	.0
		-----	-----
TOTAL		13135	100.0

E022A Age at 1st whooping cough immunisation

Not stated	-3	884	6.7
Not known	-2	39	.3
Not applicable	-1	841	6.4
1970	70	6	.0
1971	71	2	.0
1972	72	1	.0
1 week	92	1	.0
2 weeks	93	1	.0
Age in months given		11360	86.5
		-----	-----
TOTAL		13135	100.0

Range 1 - 60



## E022B Age at 2nd whooping cough immunisation

Not stated	-3	879	6.7
Not known	-2	39	.3
Not applicable	-1	1328	10.1
1970	70	4	.0
1971	71	3	.0
1972	72	1	.0
Age in months given		10881	82.8
		-----	-----
	TOTAL	13135	100.0

Range 1 - 60

## E022C Age at 3rd whooping cough immunisation

Not stated	-3	873	6.6
Not known	-2	39	.3
Not applicable	-1	1814	13.8
1970	70	2	.0
1971	71	2	.0
1972	72	1	.0
Age in months given		10404	79.2
		-----	-----
	TOTAL	13135	100.0

Range 2 - 60

## E022D Age at 4th whooping cough immunisation

Not stated	-3	461	3.5
Not known	-2	39	.3
Not applicable	-1	11353	86.4
1974	74	1	.0
1975	75	1	.0
Age in months given		1280	97.5
		-----	-----
	TOTAL	13135	100.0

Range 5 - 66

## E022E No. of diphtheria immunisations

Not stated	-3	404	3.1
Not known	-2	39	.3
	0	453	3.4
	1	446	3.4
	2	420	3.2
	3	6051	46.1
	4	5322	40.5
		-----	-----
	TOTAL	13135	100.0

## E022F Age at 1st diphtheria immunisation

Not stated	-3	899	6.8
Not known	-2	39	.3
Not applicable	-1	453	3.4
1970	70	6	.0
1971	71	2	.0
1972	72	1	.0
1 Week	92	1	.0
2 Weeks	93	1	.0
Age in months given		11733	89.3
		-----	-----
	TOTAL	13135	100.0

Range 1 - 61

## E022G Age at 2nd diphtheria immunisation

Not stated	-3	899	6.8
Not applicable	-1	934	7.1
1970	70	4	.0
1971	71	3	.0
1972	72	1	.0
Age in months given		11294	86.0
		-----	-----
	TOTAL	13135	100.0

Range 1 - 61

## E022H Age at 3rd diphtheria immunisation

Not stated	-3	1319	10.0
Not applicable	-1	934	7.1
1970	70	2	.0
1971	71	2	.0
1972	72	1	.0
1975	75	1	.0
Age in months given		10876	82.8
		-----	-----
	TOTAL	13135	100.0

Range 2 - 63

## E022I Age at 4th diphtheria immunisation

Not stated	-3	584	4.4
Not known	-2	39	.3
Not applicable	-1	7370	56.1
1974	74	3	.0
1975	75	3	.0
Age in months given		5136	39.1
		-----	-----
	TOTAL	13135	100.0

Range 5 - 67

## E022J No. of tetanus immunisations

Not stated	-3	404	3.1
Not applicable	-1	39	.3
	0	439	3.3
	1	456	3.5
	2	420	3.2
	3	6032	45.9
	4	4836	36.8
	5	509	3.9
		-----	-----
	TOTAL	13135	100.0

## E022K Age at 1st tetanus immunisation

Not stated	-3	903	6.9
Not known	-2	39	.3
Not applicable	-1	439	3.3
1970	70	6	.0
1971	71	2	.0
1972	72	1	.0
1 Week	92	1	.0
2 Weeks	93	1	.0
Age in months given		11743	89.4
		-----	-----
	TOTAL	13135	100.0

Range 1 - 61

## E022L Age at 2nd tetanus immunisation

Not stated	-3	897	6.8
Not known	-2	39	.3
Not applicable	-1	895	6.8
1970	70	4	.0
1971	71	3	.0
1972	72	1	.0
Age in months given		11296	86.0
		-----	-----
	TOTAL	13135	100.0

Range 1 - 61

## E022M Age at 3rd tetanus immunisation

Not stated	-3	894	6.8
Not known	-2	39	.3
Not applicable	-1	1315	10.0
1970	70	2	.0
1971	71	2	.0
1972	72	1	.0
1975	75	1	.0
Age in months given		10881	82.8
		-----	-----
	TOTAL	13135	100.0

Range 2 - 63

## E022N Age at 4th tetanus immunisation

Not stated	-3	587	4.5
Not known	-2	39	.3
Not applicable	-1	7347	55.9
1974	74	3	.0
1975	75	3	.0
Age in months given		5156	39.3
		-----	-----
	TOTAL	13135	100.0

Range 5 - 67

## E022P Age at 5th tetanus immunisation

Not stated	-3	420	3.2
Not known	-2	39	.3
Not applicable	-1	12183	92.8
1975	75	1	.0
Age in months given		492	37.5
		-----	-----
	TOTAL	13135	100.0

Range 11 - 65

## E023A Age at measles immunisation

Not stated	-3	774	5.9
Not known	-2	39	.3
Not applicable	-1	5252	40.0
1971	71	2	.0
1972	72	1	.0
1973	73	1	.0
Age in months given		7066	53.8
		-----	-----
	TOTAL	13135	100.0

Range 1 - 63

## E023B Age at B.C.G. immunisation

Not stated	-3	471	3.6
Not known	-2	39	.3
Not applicable	-1	11824	90.0
1970	70	1	.0
1973	73	1	.0
At birth	81	75	.6
1 day	82	8	.1
2 days	83	28	.2
3 days	84	35	.3
4 days	85	22	.2
5 days	86	20	.2
6 days	87	10	.1
1 week	92	98	.7
2 weeks	93	21	.2
3 weeks	94	8	.1
Age in months given		474	3.6
		-----	-----
	TOTAL	13135	100.0

Range 1 - 60

## E023C No. of polio immunisations

Not stated	-3	404	3.1
Not known	-2	39	.3
	0	592	4.5
	1	454	3.5
	2	451	3.4
	3	6094	46.4
	4	5101	38.8
		-----	-----
	TOTAL	13135	100.0

## E023D Age at 1st polio immunisation

Not stated	-3	891	6.8
Not known	-2	39	.3
Not applicable	-1	592	4.5
1970	70	5	.0
1971	71	2	.0
1972	72	1	.0
1 Week	92	1	.0
2 Weeks	93	1	.0
Age in months given		11603	88.3
		-----	-----
	TOTAL	13135	100.0

Range 1 - 61

## E023E Age at 2nd polio immunisation

Not stated	-3	886	6.7
Not known	-2	39	.3
Not applicable	-1	1046	8.0
1970	70	4	.0
1971	71	2	.0
1972	72	1	.0
Age in months given		11157	84.9
	TOTAL	13135	100.0
Range 1 - 61			

## E023F Age at 3rd polio immunisation

Not stated	-3	883	6.7
Not known	-2	39	.3
Not applicable	-1	1497	11.4
1970	70	2	.0
1971	71	2	.0
1972	72	1	.0
1975	75	1	.0
Age in months given		10708	81.5
	TOTAL	13135	100.0
Range 2 - 63			

## E023G Age at 4th polio immunisation

Not stated	-3	572	4.4
Not known	-2	39	.3
Not applicable	-1	7591	57.8
1974	74	3	.0
1975	75	3	.0
Age in months given		4927	37.5
	TOTAL	13135	100.0
Range 5 - 67			

## E023H Age of smallpox immunisation

Not stated	-3	597	4.5
Not known	-2	39	.3
Not applicable	-1	9945	75.7
1972	72	1	.0
1973	73	1	.0
Age in months given		2552	19.4
	TOTAL	13135	100.0
Range 1 - 63			

## E023I No. of other immunisations given

Not stated	-3	404	3.1
Not known	-2	39	.3
	0	12577	95.7
	2	115	.9
		-----	-----
TOTAL		13135	100.0

## E024 Immunisation where given

Not stated	-3	1178	9.0
Not known	-2	45	.3
Not applicable	-1	745	5.7
GP's surgery	1	4108	31.3
Child health clinic (CHC)	2	4772	36.3
GP + CHC	3	1279	9.7
Other place (OP)	4	87	.7
GP + OP	5	338	2.6
CHC + OP	6	507	3.9
GP + OP + CHC	7	76	.6
		-----	-----
Total		13135	100.0

Question B.6 Has N ever been seen at any of the following places for reasons specified, and if so at what ages, if known?

At-

## (a) Home by Health Visitor for any reason

## E025A Home visit by health visitor: child 48 mths+

Not stated	-3	736	5.6
Not known	-2	127	1.0
Not seen	0	6501	49.5
Seen	1	5771	43.9
		-----	-----
TOTAL		13135	100.0

## E025B Home visit by health visitor: child 36-47 mths

Not stated	-3	736	5.6
Not known	-2	127	1.0
Not seen	0	6783	51.6
Seen	1	5489	41.8
		-----	-----
TOTAL		13135	100.0

## E025C Home visit by health visitor: child 24-35 mths

Not stated	-3	736	5.6
Not known	-2	127	1.0
Not seen	0	6624	50.4
Seen	1	5648	43.0
		-----	-----
TOTAL		13135	100.0

## E025D Home visit by health visitor: child 12-23 mths

Not stated	-3	736	5.6
Not known	-2	127	1.0
Not seen	0	5752	43.8
Seen	1	6520	49.6
		-----	-----
TOTAL		13135	100.0

## E025E Home visit by health visitor: child 6-11 mths

Not stated	-3	736	5.6
Not known	-2	127	1.0
Not seen	0	5523	42.0
Seen	1	6749	51.4
		-----	-----
TOTAL		13135	100.0

## E025F Home visit by health visitor. child under 6 mths of age

Not stated	-3	736	5.6
Not known	-2	127	1.0
Not seen	0	993	7.6
Seen	1	11279	85.9
		-----	-----
TOTAL		13135	100.0

## E025G Home visit by health visitor: child's age not known

Not stated	-3	736	5.6
Not known	-2	127	1.0
Not seen	0	12137	92.4
Seen	1	135	1.0
		-----	-----
TOTAL		13135	100.0



## (b) Child Health Clinic for any reason

## E026A Child health clinic attendance: child 48 mths+

Not stated	-3	1314	10.0
Not known	-2	156	1.2
Not seen	0	8746	66.6
Seen	1	2919	22.2
		-----	-----
TOTAL		13135	100.0

## E026B Child health clinic attendance: child 36-47 mths

Not stated	-3	1314	10.0
Not known	-2	156	1.2
Not seen	0	9080	69.1
Seen	1	2585	19.7
		-----	-----
TOTAL		13135	100.0

## E026C Child health clinic attendance: child 24-35 mths

Not stated	-3	1314	10.0
Not known	-2	156	1.2
Not seen	0	8192	62.4
Seen	1	3473	26.4
		-----	-----
TOTAL		13135	100.0

## E026D Child health clinic attendance: child 12-23 mths

Not stated	-3	1314	10.0
Not known	-2	156	1.2
Not seen	0	5189	39.5
Seen	1	6476	49.3
		-----	-----
TOTAL		13135	100.0

## E026E Child health clinic attendance: child 6-11 mths

Not stated	-3	1314	10.0
Not known	-2	156	1.2
Not seen	0	3987	30.4
Seen	1	7678	58.5
		-----	-----
TOTAL		13135	100.0

E026F Child health clinic attendance: child under 6 mths of age

Not stated	-3	1314	10.0
Not known	-2	156	1.2
Not seen	0	2836	21.6
Seen	1	8829	67.2
		-----	-----
TOTAL		13135	100.0

E026G Child health clinic attendance: child's age not known

Not stated	-3	1314	10.0
Not known	-2	156	1.2
Not seen	0	11535	87.8
Seen	1	130	1.0
		-----	-----
TOTAL		13135	100.0

(c) G.P. surgery or health centre for developmental screening

E027A Attendance for screening: child 48 mths+

Not stated	-3	3329	25.3
Not known	-2	447	3.4
Not seen	0	8233	62.7
Seen	1	1126	8.6
		-----	-----
TOTAL		13135	100.0

E027B Attendance for screening: child 36-47 mths

Not stated	-3	3329	25.3
Not known	-2	447	3.4
Not seen	0	8281	63.0
Seen	1	1078	8.2
		-----	-----
TOTAL		13135	100.0

E027C Attendance for screening: child 24-35 mths

Not stated	-3	3329	25.3
Not known	-2	447	3.4
Not seen	0	8143	62.0
Seen	1	1216	9.3
		-----	-----
TOTAL		13135	100.0

## E027D Attendance for screening: child 12-23 mths

Not stated	-3	3329	25.3
Not known	-2	447	3.4
Not seen	0	7538	57.4
Seen	1	1821	13.9
		-----	-----
TOTAL		13135	100.0

## E027E Attendance for screening: child 6-11 mths

Not stated	-3	3329	25.3
Not known	-2	447	3.4
Not seen	0	7150	54.4
Seen	1	2209	16.8
		-----	-----
TOTAL		13135	100.0

## E027F Attendance for screening: child under 6 mths of age

Not stated	-3	3329	25.3
Not known	-2	447	3.4
Not seen	0	7223	55.0
Seen	1	2136	16.3
		-----	-----
TOTAL		13135	100.0

## E027G Attendance for screening. child's age not known

Not stated	-3	3329	25.3
Not known	-2	447	3.4
Not seen	0	9061	69.0
Seen	1	298	2.3
		-----	-----
TOTAL		13135	100.0

## (d) Hospital birth follow-up clinic

## E028A Birth follow-up clinic: child aged 48 mths+

Not stated	-3	3616	27.5
Not known	-2	422	3.2
Not seen	0	8958	68.2
Seen	1	139	1.1
		-----	-----
TOTAL		13135	100.0

## E028B Birth follow-up clinic: child 36-47 mths

Not stated	-3	3616	27.5
Not known	-2	422	3.2
Not seen	0	8971	68.3
Seen	1	126	1.0
		-----	-----
TOTAL		13135	100.0

## E028C Birth follow-up clinic: child 24-35 mths

Not stated	-3	3616	27.5
Not known	-2	422	3.2
Not seen	0	8932	68.0
Seen	1	165	1.3
		-----	-----
TOTAL		13135	100.0

## E028D Birth follow-up clinic: child 12-23 mths

Not stated	-3	3616	27.5
Not known	-2	422	3.2
Not seen	0	8745	66.6
Seen	1	352	2.7
		-----	-----
TOTAL		13135	100.0

## E028E Birth follow-up clinic: child 6-11 mths

Not stated	-3	3616	27.5
Not known	-2	422	3.2
Not seen	0	8586	65.4
Seen	1	511	3.9
		-----	-----
TOTAL		13135	100.0

## E028F Birth follow-up clinic: child under 6 mths of age

Not stated	-3	3616	27.5
Not known	-2	422	3.2
Not seen	0	7610	57.9
Seen	1	1487	11.3
		-----	-----
TOTAL		13135	100.0

## E028G Birth follow-up clinic: child's age not known

Not stated	-3	3616	27.5
Not known	-2	422	3.2
Not seen	0	8931	68.0
Seen	1	166	1.3
		-----	-----
TOTAL		13135	100.0

## (e) Assessment Centre or clinic for handicap

## E029A Assessment centre for handicap: child 48 mths+

Not stated	-3	4140	31.5
Not known	-2	332	2.5
Not seen	0	8449	64.3
Seen	1	214	1.6
		-----	-----
TOTAL		13135	100.0

## E029B Assessment centre for handicap: child 36-47 mths

Not stated	-3	4140	31.5
Not known	-2	332	2.5
Not seen	0	8499	64.7
Seen	1	164	1.2
		-----	-----
TOTAL		13135	100.0

## E029C Assessment centre for handicap: child 24-35 mths

Not stated	-3	4140	31.5
Not known	-2	332	2.5
Not seen	0	8524	64.9
Seen	1	139	1.1
		-----	-----
TOTAL		13135	100.0

## E029D Assessment centre for handicap: child 12-23 mths

Not stated	-3	4140	31.5
Not known	-2	332	2.5
Not seen	0	8542	65.0
Seen	1	121	.9
		-----	-----
TOTAL		13135	100.0

## E029E Assessment centre for handicap: child 6-11 mths

Not stated	-3	4140	31.5
Not known	-2	332	2.5
Not seen	0	8582	65.3
Seen	1	81	.6
		-----	-----
TOTAL		13135	100.0

E029F      Assessment centre for handicap: child under 6 mths of age

Not stated	-3	4140	31.5
Not known	-2	332	2.5
Not seen	0	8585	65.4
Seen	1	78	.6
		-----	-----
	TOTAL	13135	100.0

E029G      Assessment centre for handicap: child's age not known

Not stated	-3	4140	31.5
Not known	-2	332	2.5
Not seen	0	8594	65.4
Seen	1	69	.5
		-----	-----
	TOTAL	13135	100.0

Question B.7      Has N ever been separated from his/her mother or mother substitute for one month or more? Exclude N's hospital admissions and check these are detailed in B.9

E030      Mother and child ever separated  $\geq$  1 month

Yes	1	654	5.0
None known	2	12481	95.0
		-----	-----
	Total	13135	100.0

The following note applies to all variables giving details of separations of child from mother: E030 - E036Y.

Note:

Question B.7 on the Home Interview Questionnaire has been used to record details of 'motherless' periods following divorce, separation or death of the mother. There is no easy way of isolating these 'permanent' mother-child separations from the 'temporary' separations as there is often considerable overlap between these two types of situations.

It is recommended, however, that analyses concerned with mother-child separations be limited to children living with both natural parents, at the time of the survey. This will help to reduce confusion between 'separation effects' and 'marital breakdown or death of parents effects'.

If yes, give total number of separations of one month or more, excluding N's hospital admissions.

E031 Separations: total number

0	12481	95.0
1	564	4.3
2	60	.5
3	23	.2
4	3	.0
5	2	.0
6	1	.0
8	1	.0
	-----	-----
Total	13135	100.0

E032 Separations: total number of months separated

Note:

Where the child was separated from mother on two or more occasions coders added the time separated for all periods given. Code -3 used only if length of separation was not stated or not known for every period.

Not stated	-3	40	.3
Not applicable	-1	12481	95.0
Total months given		614	4.7
		-----	-----
Total		13135	100.0

Range 1 - 50

E033 1st separation: age in years

Not stated	-3	7	.1
Not known	-2	1	.0
Not applicable	-1	12481	95.0
<1 year	0	139	1.1
	1	144	1.1
	2	108	.8
	3	128	1.0
	4	116	.9
	5	11	.1
		-----	-----
Total		13135	100.0

## E034A 1st separation: reason

Not stated	-3	3	.0
Not known	-2	2	.0
Not applicable	-1	12481	95.0
A. Psychiatric: mother	1	85	.6
B. Ill mother	2	222	1.7
C. Parental disharmony	3	122	.9
D. Holidays	4	68	.5
E. Sibling birth	5	63	.5
F. Other person ill	6	13	.1
G. Death in family	7	6	.0
H. Other	8	70	.5
		-----	-----
Total		13135	100.0

Where the codes were used as follows:

- A. Any reference to psychiatric illness or disturbance in mother or mother substitute, Examples: nervous breakdown, depression.
- B. Any form of illness in mother or mother substitute, any illness not suggestive of psychiatric condition or NOS.
- C. Parental disharmony and parent figure rivalry, examples: mother left, parents separated, divorced, marital breakdown, father took child from mother.
- D. Separation for neutral or nice situation, examples: mother or child on holiday, visiting relations.
- E. Birth of brother/sister.
- F. Illness of member of close family unit (excluding mother), included father, brother/sister, grandparents.
- G. Death of member of close family unit, include: mother/father, brother/sister, grandparents.
- H. Other reasons, e.g. adoption.

## E034B 1st separation: duration in months

Vague response	-4	14	.1
Not stated	-3	32	.2
Not applicable	-1	12481	95.0
	1	333	2.5
	2	77	.6
	3	67	.5
	4	14	.1
	5	20	.2
	6	18	.1
	7	5	.0
≥ 8	8	74	.6
		-----	-----
Total		13135	100.0



## E034C 1st separation: place of care

Not stated	-3	9	.1
Not known	-2	3	.0
Not applicable	-1	12481	95.0
Own home	1	229	1.7
Relative's home	2	269	2.0
Non-relative's home	3	84	.6
Other home	4	14	.1
Institution	5	41	.3
Elsewhere	6	3	.0
More than 1 place	7	2	.0
		-----	-----
Total		13135	100.0

## E035A 2nd separation: age in years

Not stated	-3	1	.0
Not known	-2	1	.0
Not applicable	-1	13045	99.3
	0	5	.0
	1	14	.1
	2	17	.1
	3	21	.2
	4	27	.2
	5	4	.0
		-----	-----
TOTAL		13135	100.0

## E035B 2nd separation: reason

Not stated	-3	1	.0
Not known	-2	1	.0
Not applicable	-1	13045	99.3
A. Psychiatric mother	1	11	.1
B. Ill mother	2	30	.2
C. Parental disharmony	3	20	.2
D. Holidays	4	15	.1
E. Sibling birth	5	6	.0
F. Other person ill	6	1	.0
G. Death in family	7	1	.0
H. Other	8	4	.0
		-----	-----
TOTAL		13135	100.0

## E035C 2nd separation: duration (months)

Vague response	-4	4	.0
Not stated	-3	10	.1
Not applicable	-1	13045	99.3
	1	45	.3
	2	11	.1
	3	6	.0
	4	4	.0
	5	1	.0
	6	2	.0
	7	1	.0
8 or more months	8	6	.0
		-----	-----
TOTAL		13135	100.0

## E035D 2nd separation: place of care

Not stated	-3	3	.0
Not known	-2	1	.0
Not applicable	-1	13045	99.3
Own home	1	26	.2
Relative's home	2	33	.3
Non-relative's home	3	13	.1
Other home	4	2	.0
Institution	5	11	.1
Elsewhere	6	1	.0
		-----	-----
TOTAL		13135	100.0

## E036A 3rd separation: age

Not stated	-3	1	.0
Not known	-2	2	.0
Not applicable	-1	13105	99.8
	1	2	.0
	2	5	.0
	3	8	.1
	4	11	.1
	5	1	.0
		-----	-----
TOTAL		13135	100.0

## E036B 3rd separation: reason

Not applicable	-1	13105	99.8
A. Psychiatric: mother	1	5	.0
B. Ill mother	2	6	.0
C. Parental disharmony	3	8	.1
D. Holidays	4	5	.0
E. Sibling birth	5	1	.0
F. Other person ill	6	1	.0
H. Other	8	4	.0
		-----	-----
TOTAL		13135	100.0

## E036C 3rd separation duration (months)

Vague response	-4	1	.0
Not stated	-3	5	.0
Not applicable	-1	13105	99.8
	1	15	.1
	2	3	.0
	3	1	.0
	4	1	.0
	5	1	.0
	6	2	.0
8 or more months	8	1	.0
		-----	-----
TOTAL		13135	100.0

## E036D 3rd separation place of care

Not stated	-3	1	.0
Not applicable	-1	13105	99.8
Own home	1	8	.1
Relative's home	2	10	.1
Non-relative's home	3	6	.0
Institution	5	5	.0
		-----	-----
TOTAL		13135	100.0

## E036E 4th separation age

Not known	-2	1	.0
Not applicable	-1	13128	99.9
	1	1	.0
	2	2	.0
	4	3	.0
		-----	-----
TOTAL		13135	100.0

## E036F 4th separation reason

Not applicable	-1	13128	99.9
A. Psychiatric mother	1	3	.0
B. Ill mother	2	2	.0
C. Parental disharmony	3	1	.0
D. Holidays	4	1	.0
		-----	-----
TOTAL		13135	100.0

## E036G 4th separation duration (months)

Not stated	-3	2	.0
Not applicable	-1	13128	99.9
	1	2	.0
	2	1	.0
	4	1	.0
8 or more months	8	1	.0
		-----	-----
TOTAL		13135	100.0

## E036H 4th separation place of care

Not stated	-3	1	.0
Not applicable	-1	13128	99.9
Own home	1	3	.0
Relative's home	2	1	.0
Non-relative's home	3	1	.0
Institution	5	1	.0
		-----	-----
TOTAL		13135	100.0

## E036I 5th separation age

Not stated	-3	1	.0
Not known	-2	1	0
Not applicable	-1	13131	100.0
	3	1	.0
	4	1	0
		-----	-----
TOTAL		13135	100.0

## E036J 5th separation reason

Not applicable	-1	13131	100.0
A. Psychiatric mother	1	2	.0
B. Ill mother	2	1	.0
C. Parental disharmony	3	1	.0
		-----	-----
TOTAL		13135	100.0

## E036K 5th separation duration (months)

Not stated	-3	2	0
Not applicable	-1	13131	100.0
	2	1	.0
	4	1	.0
		-----	-----
TOTAL		13135	100 0

## E036L 5th separation: place of care

Not applicable	-1	13131	100.0
Own home	1	3	.0
Non-relative's home	3	1	.0
		-----	-----
TOTAL		13135	100.0

## E036M 6th separation: age

Not stated	-3	1	.0
Not applicable	-1	13133	100.0
	4	1	.0
		-----	-----
TOTAL		13135	100.0

## E036N 6th separation: reason

Not applicable	-1	13133	100.0
A. Psychiatric: mother	1	1	.0
C. Parental disharmony	3	1	.0
		-----	-----
TOTAL		13135	100.0

## E036P 6th separation: duration (months)

Not stated	-3	1	.0
Not applicable	-1	13133	100.0
	3	1	.0
		-----	-----
TOTAL		13135	100.0

## E036Q 6th separation: place of care

Not applicable	-1	13133	100.0
Own home	1	2	.0
		-----	-----
TOTAL		13135	100.0

## E036R 7th separation: age

Not stated	-3	1	.0
Not applicable	-1	13134	100.0
		-----	-----
TOTAL		13135	100.0

## E036S 7th separation: reason

Not applicable	-1	13134	100.0
A. Psychiatric: mother	1	1	.0
		-----	-----
TOTAL		13135	100.0

## E036T 7th separation: duration (months)

Not stated	-3	1	.0
Not applicable	-1	13134	100.0
		-----	-----
TOTAL		13135	100.0

## E036U 7th separation: place of care

Not applicable	-1	13134	100.0
Own home	1	1	.0
		-----	-----
TOTAL		13135	100.0

## E036V 8th separation: age

Not applicable	-1	13134	100.0
	4	1	.0
		-----	-----
TOTAL		13135	100.0

## E036W 8th separation. reason

Not applicable	-1	13134	100.0
Other	8	1	.0
		-----	-----
TOTAL		13135	100.0

## E036X 8th separation duration (months)

Vague response	-4	1	.0
Not applicable	-1	13134	100.0
		-----	-----
TOTAL		13135	100.0

## E036Y 8th separation: place of care

Not applicable	-1	13134	100.0
Institution	5	1	.0
		-----	-----
Total		13135	100.0

Question B.8 Did the mother herself, as far as she can remember, ever spend more than a short time away from her parents as a child?

E037 Mother away from home as a child

Not stated	-3	207	1.6
Not known	-2	215	1.6
Not applicable*	-1	52	.4
Yes-fostered/in care	1	396	3.0
Yes-other reason	2	2276	17.3
No	3	9955	75.8
1 and 2 apply	4	34	.3
		-----	-----
Total		13135	100.0

\* no current mother figure

Question B.9 Has N ever been in hospital overnight or longer for any reason whatsoever? Exclude initial stay in maternity home/hospital.

E038 Hospital inpatient: ever admitted

Yes	1	3350	25.5
No evidence of having been admitted	2	9785	74.5
		-----	-----
Total		13135	100.0

Details available on Hospital Admission file.

Question B.11 Please enquire or state from your own knowledge whether N has been seen by any of the following since the fourth birthday and/or previous to fourth birthday.

Seen by a general practitioner at surgery/health centre

E052 Seen by GP at surgery

Not stated	-3	791	6.0
Not known	-2	106	.8
Yes after 4th birthday	1	1616	12.3
Yes before 4th birthday	2	2371	18.1
Yes before & after age 4	3	7243	55.1
Yes age NK	4	1	.0
Never	5	1007	7.7
		-----	-----
Total		13135	100.0

## Seen by a general practitioner at home visit:

## E053 GP home visit

Not stated	-3	2278	17.3
Not known	-2	195	1.5
Yes after 4th birthday	1	1497	11.4
Yes before 4th birthday	2	3376	25.7
Yes before & after age 4	3	3284	25.0
Yes age NK	4	1	.0
Never	5	2504	19.1
		-----	-----
Total		13135	100.0

## Seen by dentist for inspection, not therapy:

## E054 Dental inspection

Not stated	-3	909	6.9
Not known	-2	88	.7
Yes after 4th birthday	1	3197	24.3
Yes before 4th birthday	2	1484	11.3
Yes before & after 4	3	3613	27.5
Never	4	3844	29.3
		-----	-----
Total		13135	100.0

## Seen by dentist for filling(s), extraction(s), etc:

## E055 Dental treatment

Not stated	-3	3086	23.5
Not known	-2	69	.5
Yes after 4th birthday	1	2609	19.9
Yes before 4th birthday	2	702	5.3
Yes before & after age 4	3	627	4.8
Never	4	6042	46.0
		-----	-----
Total		13135	100.0

## Seen by doctor for routine medical examination in nursery or school situation, specify:

## E056 School medical

Not stated	-3	561	4.3
Not known	-2	118	.9
Yes after 4th birthday	1	3886	29.6
Yes before 4th birthday	2	519	4.0
Yes before & after age 4	3	400	3.0
Never	4	7651	58.2
		-----	-----
Total		13135	100.0



## Seen by speech therapist:

## E057 Speech therapist

Not stated	-3	882	6.7
Not known	-2	75	.6
Yes after age 4	1	302	2.3
Yes before age 4	2	139	1.1
Yes before & after age 4	3	76	.6
Never	4	11661	88.8
		-----	-----
Total		13135	100.0

## Seen by speech therapist: age first seen:

## E058 Speech therapist:age first seen

Not stated	-3	51	.4
Not applicable	-1	12618	96.1
	0	1	.0
	1	3	.0
	2	36	.3
	3	161	1.2
	4	241	1.8
	5	24	.2
		-----	-----
Total		13135	100.0

## Seen by child guidance clinic:

## E059 Child guidance

Not stated	-3	830	6.3
Not known	-2	60	.5
Yes after 4th birthday	1	47	.4
Yes before 4th birthday	2	30	.2
Yes before & after age 4	3	11	.1
Never	4	12157	92.6
		-----	-----
Total		13135	100.0

## Seen by child guidance clinic: age first seen:

## E060 Child guidance age first seen

Not stated	-3	22	.2
Not applicable	-1	13047	99.3
	0	1	.0
	2	8	.1
	3	23	.2
	4	30	.2
	5	4	.0
		-----	-----
Total		13135	100.0

Question B.12 Has N had any of the following in the past year and/or previous to past year?

Operations

(a) Tonsillectomy or T's and A's:

E061 Tonsils

Not stated	-3	372	2.8
Not known	-2	8	.1
Yes after 4th birthday	1	173	1.3
Yes before 4th birthday	2	105	.8
Yes before & after age 4	3	3	.0
Yes but age NK	4	1	.0
Never	5	12473	95.0
		-----	-----
Total		13135	100.0

(b) Adenoidectomy alone:

E062 Adenoids

Not stated	-3	423	3.2
Not known	-2	12	.1
Yes after 4th birthday	1	81	.6
Yes before 4th birthday	2	63	.5
Yes before & after age 4	3	2	.0
Never	4	12554	95.6
		-----	-----
Total		13135	100.0

(c) Circumcision:

E063 Circumcision

Not stated	-3	804	6.1
Not known	-2	11	.1
Yes after 4th birthday	1	65	.5
Yes before 4th birthday	2	323	2.5
Yes but age NK	3	1	.0
Never	4	11931	90.8
		-----	-----
Total		13135	100.0

## (d) Hernia operation:

E064		Hernia	
Not stated	-3	410	3.1
Not known	-2	8	.1
Yes after 4th birthday	1	25	.2
Yes before 4th birthday	2	189	1.4
Yes before & after age 4	3	6	.0
Never	4	12497	95.1
		-----	-----
Total		13135	100.0

## (e) Appendicectomy:

E065		Appendicectomy	
Not stated	-3	432	3.3
Not known	-2	6	.0
Yes after 4th birthday	1	17	.1
Yes before 4th birthday	2	24	.2
Never	3	12656	96.4
		-----	-----
Total		13135	100.0

## (f) Any other operation.

E066		Other	
Not stated	-3	620	4.7
Not known	-2	13	.1
Yes after 4th birthday	1	175	1.3
Yes before 4th birthday	2	501	3.8
Yes before & after age 4	3	37	.3
Yes but age NK	4	1	.0
Never	5	11788	89.7
		-----	-----
Total		13135	100.0

## Medical conditions

## (g) Eczema:

E067		Eczema	
Not stated	-3	518	3.9
Not known	-2	62	.5
Yes after 4th birthday	1	165	1.3
Yes before 4th birthday	2	905	6.9
Yes before & after age 4	3	469	3.6
Never	4	11016	83.9
		-----	-----
Total		13135	100.0

## (h) Hay fever or sneezing attacks:

E068 Hay fever and sneezing			
Not stated	-3	565	4.3
Not known	-2	49	.4
Yes after 4th birthday	1	160	1.2
Yes before 4th birthday	2	170	1.3
Yes before & after age 4	3	219	1.7
Never	4	11972	91.1
		-----	-----
Total		13135	100.0

## (i) Ear discharge (pus not wax):

E069 Ear discharge			
Not stated	-3	513	3.9
Not known	-2	31	.2
Yes after 4th birthday	1	474	3.6
Yes before 4th birthday	2	629	4.8
Yes before & after age 4	3	348	2.6
Never	4	11140	84.8
		-----	-----
Total		13135	100.0

## (j) Repeated sore throats requiring medical attention:

E070 Sore throats			
Not stated	-3	402	3.1
Not known	-2	34	.3
Yes after 4th birthday	1	581	4.4
Yes before 4th birthday	2	749	5.7
Yes before & after age 4	3	1293	9.8
Never	4	10076	76.7
		-----	-----
Total		13135	100.0

## (k) Habitual snoring or mouth breathing:

E071 Snoring			
Not stated	-3	403	3.1
Not known	-2	87	.7
Yes after 4th birthday	1	591	4.5
Yes before 4th birthday	2	543	4.1
Yes before & after age 4	3	1405	10.7
Never	4	10106	76.9
		-----	-----
Total		13135	100.0

## (l) Bronchitis:

## E072 Bronchitis

Not stated	-3	424	3.2
Not known	-2	58	.4
Yes after 4th birthday	1	394	3.0
Yes before 4th birthday	2	1185	9.0
Yes before & after age 4	3	584	4.4
Yes but age NK	4	2	.0
Never	5	10488	79.8
		-----	-----
Total		13135	100.0

## (m) Pneumonia:

## E073 Pneumonia

Not stated	-3	523	4.0
Not known	-2	36	.3
Yes after 4th birthday	1	44	.3
Yes before 4th birthday	2	155	1.2
Yes before & after age 4	3	6	.0
Yes but age NK	4	1	.0
Never	5	12370	94.2
		-----	-----
Total		13135	100.0

## (n) Meningitis or encephalitis:

## E074 Meningitis or encephalitis

Not stated	-3	543	4.1
Not known	-2	29	.2
Yes after 4th birthday	1	10	.1
Yes before 4th birthday	2	33	.3
Yes before & after age 4	3	3	.0
Yes but age NK	4	1	.0
Never	5	12516	95.3
		-----	-----
Total		13135	100.0

## (o) Hearing difficulty (suspected or confirmed):

## E075 Hearing difficulty

Not stated	-3	464	3.5
Not known	-2	42	.3
Yes after 4th birthday	1	541	4.1
Yes before 4th birthday	2	324	2.5
Yes before & after age 4	3	188	1.4
Yes but age NK	4	2	.0
Never	5	11574	88.1
		-----	-----
Total		13135	100.0

(p) Any vision problem (except squint) (suspected or confirmed):

E076 Vision problem

Not stated	-3	547	4.2
Not known	-2	41	.3
Yes after 4th birthday	1	229	1.7
Yes before 4th birthday	2	153	1.2
Yes before & after age 4	3	66	.5
Yes but age NK	4	3	.0
Never	5	12096	92.1
		-----	-----
Total		13135	100.0

Question B.13 Were there any of the following difficulties with N when he/she was a baby (i.e. under 6 months of age)?

(a) Excessive crying:

E077 Excessive crying

Not stated	-3	111	.8
Not known	-2	70	.5
Yes	1	1850	14.1
No	2	11104	84.5
		-----	-----
Total		13135	100.0

(b) Frequent feeding problems:

E078 Frequent feeding problems

Not stated	-3	138	1.1
Not known	-2	61	.5
Yes	1	1727	13.1
No	2	11209	85.3
		-----	-----
Total		13135	100.0

(c) Frequent sleeping difficulty at night:

E079 Frequent sleeping difficulties

Not stated	-3	132	1.0
Not known	-2	65	.5
Yes	1	1780	13.6
No	2	11158	84.9
		-----	-----
Total		13135	100.0

Question B.14 Has N ever had an accident requiring medical advice or treatment?  
Please include accidents in the road, home and elsewhere, accidental ingestion of medicines/poisons, burns/scalds, fractures, eye injuries, near-drowning, bad cuts and other injuries, with or without unconsciousness, and non-accidental injuries.

E080 Accident

Yes	1	5703	43.4
No evidence of having had an accident	2	7432	56.6
		-----	-----
	Total	13135	100.0

Details available on Accident file

Question B15. Has N ever had one or more attacks or bouts in which he/she had wheezing on the chest, regardless of the cause?

E087 Wheezing: ever occurred

Not stated	-3	91	.7
Not known	-2	67	.5
Yes	1	2698	20.5
No	2	10274	78.2
Yes edited in*	3	5	.0
		-----	-----
	TOTAL	13135	100.0

(\*i.e. from elsewhere on questionnaire)

If yes, please complete the following details

(a) Age at first or only attack in which he/she wheezed on the chest:

E088 Wheezing: age at first attack (years)

Not stated	-3	188	1.4
Not known	-2	15	.1
Not applicable	-1	10432	79.4
< 1 year	0	1030	7.8
	1	388	3.0
	2	378	2.9
	3	365	2.8
	4	326	2.5
	5	13	.1
		-----	-----
	TOTAL	13135	100.0

## E089 Wheezing: number of attacks in 1st year

Vague answer	-4	45	.3
Not stated	-3	570	4.3
Not applicable	-1	10432	79.4
None	0	1017	7.7
	1	517	3.9
	2	246	1.9
	3	150	1.1
	4	54	.4
	5	27	.2
	6	44	.3
	7	2	.0
	8	2	.0
	9	3	.0
	10	9	.1
	11	2	.0
	12	10	.1
	13	1	.0
	14	1	.0
	15	1	.0
	18	1	.0
	22	1	.0
		-----	-----
TOTAL		13135	100.0

[N.B. These data are not consistent with those in E088 but are as given on the questionnaire]



E090 Wheezing: number of attacks between 1st and 4th  
birthdays

Vague answer	-4	103	.8
Not stated	-3	422	3.2
Not applicable	-1	10432	79.4
None	0	439	3.3
	1	456	3.5
	2	329	2.5
	3	271	2.1
	4	179	1.4
	5	63	.5
	6	164	1.2
	7	17	.1
	8	49	.4
	9	32	.2
	10	33	.3
	11	2	.0
	12	64	.5
	14	4	.0
	15	14	.1
	16	5	.0
	17	1	.0
	18	13	.1
	20	16	.1
	21	2	.0
	24	5	.0
	25	2	.0
	28	1	.0
	30	3	.0
	31	1	.0
	36	7	.1
	40	1	.0
	45	1	.0
	48	1	.0
	50	1	.0
	55	1	.0
	97	1	.0
		-----	-----
TOTAL		13135	100.0

[N.B. These data are not consistent with those in E088 but are as given on the questionnaire]

## E091 Wheezing: number of attacks since 4th birthday

Vague answer	-4	56	.4
Not stated	-3	515	3.9
Not applicable	-1	10432	79.4
None	0	904	6.9
	1	639	4.9
	2	247	1.9
	3	137	1.0
	4	76	.6
	5	28	.2
	6	52	.4
	7	7	.1
	8	8	.1
	9	1	.0
	10	15	.1
	11	2	.0
	12	9	.1
	14	1	.0
	20	1	.0
	30	3	.0
	46	1	.0
	66	1	.0
		-----	-----
TOTAL		13135	100.0

## (c) Number of times ever admitted to hospital with any wheezing in the chest, whatever the cause

## E092 Wheezing: times admitted

Not stated	-3	515	3.9
Not applicable	-1	10432	79.4
Never	0	1866	14.2
	1	249	1.9
	2	37	.3
	3	20	.2
	4	5	.0
	5	4	.0
	6	3	.0
	7	1	.0
	8	2	.0
	9	1	.0
		-----	-----
TOTAL		13135	100.0

(d) Please describe what the mother was told about the diagnosis in her own words

E093 Cause of wheezing - according to mother

Not stated	-3	25	.2
Not applicable	-1	10433	79.4
Asthma no bronchitis	1	213	1.6
Asthma + bronchitis	2	57	.4
Wheezing + bronchitis	3	649	4.9
Wheezing + croup, no bronchitis	4	303	2.3
Wheezing only	5	1455	11.1
		-----	-----
TOTAL		13135	100.0

Question B16. Has N ever had any form of convulsion, fit, seizure or other turn in which consciousness was lost, or any part of the body made abnormal movements?

E094 Fit/faint/blackout

Not stated	-3	27	.2
Not known	-2	99	.8
Yes	1	738	5.6
No	2	12271	93.4
		-----	-----
TOTAL		13135	100.0

Question B.17 Has N ever worn or been prescribed glasses?

E101 Glasses

Not stated	-3	35	.3
Not known	-2	6	.0
Yes still has to wear them	1	421	3.2
Yes but does not have to wear them now	2	53	.4
No	3	12620	96.1
		-----	-----
TOTAL		13135	100.0

Question B.18 Has N ever had a squint?

E102 Ever had squint

Not stated	-3	89	.7
Not known	-2	41	.3
Yes now	1	490	3.7
Yes past but not now	2	483	3.7
No never	3	12032	91.6
		-----	-----
TOTAL		13135	100.0

If yes, what treatment was given?

E103 Treatment

Not stated	-3	38	.3
Not known	-2	31	.2
Not applicable	-1	12162	92.6
No treatment needed	1	370	2.8
Patch over one eye (P)	2	23	.2
Glasses (G)	4	110	.8
G + P	6	72	.5
Eye exercises (E)	8	26	.2
E + P	10	10	.1
E + G	12	29	.2
E + P + G	14	30	.2
Operation (O)	16	42	.3
O + P	18	19	.1
O + G	20	22	.2
P + O + G	22	33	.3
E + O	24	7	.1
P + E + O	26	8	.1
E + G + O	28	11	.1
P + E + G + O	30	28	.2
Never attended for advice or treatment	91	62	.5
		-----	-----
	TOTAL	13135	100.0

Question B.19 Has N ever had a stammer or any other difficulty with speech?

E104 Stammer or stutter

Not stated	-3	1038	7.9
Not known	-2	15	.1
Yes at present mild	1	371	2.8
Yes severe	2	18	.1
Yes in past but not now	3	404	3.1
No	4	11289	85.9
		-----	-----
	TOTAL	13135	100.0

E105 Other speech difficulty

Not stated	-3	1091	8.3
Not known	-2	17	.1
Yes at present mild	1	901	6.9
Yes severe	2	113	.9
Yes in past but not now	3	349	2.7
No	4	10664	81.2
		-----	-----
	TOTAL	13135	100.0

Question B.20 Do people outside N's household easily understand what he/she says?

E106 Speech understood

Not stated	-3	278	2.1
Not known	-2	13	.1
N's main language not English	1	396	3.0
All or nearly all of N's speech is understood outside immediate family	2	12007	91.4
Some of N's speech understood outside immediate family	3	335	2.6
Hardly any of N's speech understood outside immediate family	4	36	.3
N's speech understood only by immediate family	5	9	.1
Even immediate family have difficulty in understanding N's speech	6	38	.3
Other answer	7	23	.2
		-----	-----
TOTAL		13135	100.0

Question B23. Has N's natural mother or natural father or any brothers or sister of N's ever had any of the following?

E111A Natural mother - asthma

Not stated	-3	1622	12.3
Not known	-2	70	.5
No	0	10925	83.2
Yes	1	518	3.9
		-----	-----
TOTAL		13135	100.0

E111B Natural mother - hayfever

Not stated	-3	1622	12.3
Not known	-2	70	.5
No	0	10327	78.6
Yes	1	1116	8.5
		-----	-----
TOTAL		13135	100.0

## E111C Natural mother - eczema

Not stated	-3	1622	12.3
Not known	-2	70	.5
No	0	10864	82.7
Yes	1	579	4.4
		-----	-----
	TOTAL	13135	100.0

## E111D Natural mother - late reader (i.e. not reading by 7 years)

Not stated	-3	1622	12.3
Not known	-2	70	.5
No	0	11049	84.1
Yes	1	394	3.0
		-----	-----
	TOTAL	13135	100.0

## E111E Natural mother - poor reader or non-reader at present

Not stated	-3	1622	12.3
Not known	-2	70	.5
No	0	11181	85.1
Yes	1	262	2.0
		-----	-----
	TOTAL	13135	100.0

## E111F Natural mother - convulsion(s) or fit(s)

Not stated	-3	1622	12.3
Not known	-2	70	.5
No	0	11221	85.4
Yes	1	222	1.7
		-----	-----
	TOTAL	13135	100.0

## E111G Natural mother - bedwetting after 5 years of age

Not stated	-3	1622	12.3
Not known	-2	70	.5
No	0	10800	82.2
Yes	1	643	4.9
		-----	-----
	TOTAL	13135	100.0

## E111H Natural mother - late in learning to speak

Not stated	-3	1622	12.3
Not known	-2	70	.5
No	0	11296	86.0
Yes	1	147	1.1
		-----	-----
	TOTAL	13135	100.0

## E112A Natural dad - asthma

Not stated	-3	1985	15.1
Not known	-2	98	.7
No	0	10525	80.1
Yes	1	527	4.0
		-----	-----
	TOTAL	13135	100.0

## E112B Natural father - hayfever

Not stated	-3	1985	15.1
Not known	-2	98	.7
No	0	10154	77.3
Yes	1	898	6.8
		-----	-----
	TOTAL	13135	100.0

## E112C Natural father - eczema

Not stated	-3	1985	15.1
Not known	-2	98	.7
No	0	10693	81.4
Yes	1	359	2.7
		-----	-----
	TOTAL	13135	100.0

## E112D Natural father - late reader (i.e. not reading by 7 years)

Not stated	-3	1985	15.1
Not known	-2	98	.7
No	0	10718	81.6
Yes	1	334	2.5
		-----	-----
	TOTAL	13135	100.0

## E112E Natural father - poor reader or non-reader at present

Not stated	-3	1985	15.1
Not known	-2	98	.7
No	0	10815	82.3
Yes	1	237	1.8
		-----	-----
	TOTAL	13135	100.0

## E112F Natural father - convulsion(s) or fit(s)

Not stated	-3	1985	15.1
Not known	-2	98	.7
No	0	10913	83.1
Yes	1	139	1.1
		-----	-----
	TOTAL	13135	100.0

## E112G Natural father - bedwetting after 5 years of age

Not stated	-3	1985	15.1
Not known	-2	98	.7
No	0	10717	81.6
Yes	1	335	2.6
		-----	-----
	TOTAL	13135	100.0

## E112H Natural father - late in learning to speak

Not stated	-3	1985	15.1
Not known	-2	98	.7
No	0	10919	83.1
Yes	1	133	1.0
		-----	-----
	TOTAL	13135	100.0

## E113A Siblings - asthma

Not stated	-3	1473	11.2
Not known	-2	655	5.0
No	0	10353	78.8
Yes	1	654	5.0
		-----	-----
	TOTAL	13135	100.0



## E113B Siblings - hayfever

Not stated	-3	1473	11.2
Not known	-2	655	5.0
No	0	9600	73.1
Yes	1	1407	10.7
		-----	-----
	TOTAL	13135	100.0

## E113C Siblings - eczema

Not stated	-3	1473	11.2
Not known	-2	655	5.0
No	0	9626	73.3
Yes	1	1381	10.5
		-----	-----
	TOTAL	13135	100.0

## E113D Siblings - late reader (i.e. not reading by 7 years)

Not stated	-3	1473	11.2
Not known	-2	655	5.0
No	0	10318	78.6
Yes	1	689	5.2
		-----	-----
	TOTAL	13135	100.0

## E113E Siblings - poor reader or non-reader at present

Not stated	-3	1473	11.2
Not known	-2	655	5.0
No	0	10266	78.2
Yes	1	741	5.6
		-----	-----
	TOTAL	13135	100.0

## E113F Siblings - convulsion(s) or fit(s)

Not stated	-3	1473	11.2
Not known	-2	655	5.0
No	0	10413	79.3
Yes	1	594	4.5
		-----	-----
	TOTAL	13135	100.0

## E113G Siblings - bedwetting after 5 years of age

Not stated	-3	1473	11.2
Not known	-2	655	5.0
No	0	9513	72.4
Yes	1	1494	11.4
		-----	-----
	TOTAL	13135	100.0

## E113H Siblings - late in learning to speak

Not stated	-3	1473	11.2
Not known	-2	655	5.0
No	0	10307	78.5
Yes	1	700	5.3
		-----	-----
	TOTAL	13135	100.0

## SECTION C: TELEVISION VIEWING AND READING

## Question C.1 Does N ever watch television at home?

## E114 Ever watch television

Not stated	-3	37	.3
Not known	-2	3	.0
Yes almost every day	1	11304	86.1
Yes occasionally	2	1663	12.7
No never	3	128	1.0
		-----	-----
TOTAL		13135	100.0

Question C.2 Complete the following details of N's television viewing at home in the past seven days, by ringing all appropriate numbers for each day. Start with yesterday and go back day by day through the week.

## E115 No. of week days (i.e. Monday - Friday) TV seen after 6 p.m.

Not stated	-3	168	1.3
	0	7695	58.6
	1	1305	9.9
	2	689	5.2
	3	420	3.2
	4	515	3.9
	5	2343	17.8
		-----	-----
TOTAL		13135	100.0

## E116 Weekend viewing after 6 p.m.

Not stated	-3	508	3.9
Neither day	0	7955	60.6
Saturday	1	1842	14.0
Sunday	2	575	4.4
Saturday and Sunday	3	2255	17.2
		-----	-----
TOTAL		13135	100.0

**Question C.3 Give total number of hours N watched each day in the past seven days**

**E117 Average hours per day watched TV Monday - Friday**

Not stated	-3	503	3.8
Under 1 hour	0	3500	26.6
	1	3803	29.0
	2	3277	24.9
	3	1185	9.0
	4	513	3.9
	5	208	1.6
	6	90	.7
7 hours or more	7	56	.4
		-----	-----
	TOTAL	13135	100.0

**E118 Average hours per day watched TV at weekends**

Not stated	-3	1058	8.1
Under 1 hour	0	3624	27.6
	1	3114	23.7
	2	2603	19.8
	3	1349	10.3
	4	744	5.7
	5	317	2.4
	6	228	1.7
7 hours or more	7	98	.7
		-----	-----
	TOTAL	13135	100.0

**Question C.4 What types of TV programmes does N watch at home? Ring all that apply.**

**E120 Watches children's programmes (e.g. Playschool, Sesame Street, etc)**

Not stated	-3	29	.2
Yes	1	12278	93.5
No	2	828	6.3
		-----	-----
	TOTAL	13135	100.0

**E121 Watches cartoons**

Not stated	-3	29	.2
Yes	1	12131	92.4
No	2	975	7.4
		-----	-----
	TOTAL	13135	100.0

E122 Watches thrillers/dramatic programmes (e.g. cowboy, gangster, science fiction, war films, etc)

Not stated	-3	29	.2
Yes	1	5548	42.2
No	2	7558	57.5
		-----	-----
TOTAL		13135	100.0

E123 Watches comedy programmes/series

Not stated	-3	29	.2
Yes	1	6828	52.0
No	2	6278	47.8
		-----	-----
TOTAL		13135	100.0

E124 Watches competition/quiz programmes (e.g. Double Your Money, Golden Shot, etc)

Not stated	-3	29	.2
Yes	1	4173	31.8
No	2	8933	68.0
		-----	-----
TOTAL		13135	100.0

E125 Watches sport

Not stated	-3	29	.2
Yes	1	2746	20.9
No	2	10360	78.9
		-----	-----
TOTAL		13135	100.0

E126 Watches news programmes

Not stated	-3	29	.2
Yes	1	1090	8.3
No	2	12016	91.5
		-----	-----
TOTAL		13135	100.0

E127 Watches documentary programmes (e.g. animal, travel films. etc)

Not stated	-3	29	.2
Yes	1	6668	50.8
No	2	6438	49.0
		-----	-----
TOTAL		13135	100.0

## E128 Watches other types of programmes

Not stated	-3	29	.2
Yes	1	568	4.3
No	2	12538	95.5
		-----	-----
TOTAL		13135	100.0

Question C.6 Ring in column A all who have read to N at home at least once in the past 7 days. Ring in column B the one person who reads to N most often.

## E129 A. Persons reading to child

Not stated	-3	306	2.3
Not known	-2	47	.4
Nobody	0	1276	9.7
Mother (M)	1	1874	14.3
Father (F)	2	475	3.6
M + F	3	2154	16.4
Other adults (O)	4	221	1.7
M + O	5	568	4.3
F + O	6	113	.9
M + F + O	7	990	7.5
Child 11 years or older (OC)	8	324	2.5
M + OC	9	288	2.2
F + OC	10	73	.6
M + F + OC	11	320	2.4
OA + OC	12	24	.2
M + OA + OC	13	76	.6
F + OA + OC	14	9	.1
M + F + OA + OC	15	108	.8
Child under 11 yrs (YC)	16	722	5.5
M + YC	17	899	6.8
F + YC	18	179	1.4
M + F + YC	19	1023	7.8
OA + YC	20	52	.4
M + OA + YC	21	205	1.6
F + OA + YC	22	25	.2
M + F + OA + YC	23	315	2.4
OC + YC	24	82	.6
M + OC + YC	25	128	1.0
F + OC + YC	26	25	.2
M + F + OC + YC	27	143	1.1
OA + OC + YC	28	10	.1
M + OA + OC + YC	29	26	.2
F + OA + OC + YC	30	7	.1
M + F + OA + OC + YC	31	48	.4
		-----	-----
TOTAL		13135	100.0

## E130 B. Person who reads to child most often

Not stated	-3	1055	8.0
Not known	-2	84	.6
Nobody	0	832	6.3
Mother	1	6492	49.4
Father	2	2023	15.4
Other adult	3	440	3.3
Child 11 yrs or more	4	665	5.1
Child under 11 yrs	5	1212	9.2
Mother & father equally	6	332	2.5
		-----	-----
TOTAL		13135	100.0

## Question C.7 On how many days has N been read to at home in the past 7 days?

## E131 Number of days read to in past week

Not stated	-3	213	1.6
Not known	-2	362	2.8
Not read to in past week	0	1514	11.5
	1	781	5.9
	2	1475	11.2
	3	1492	11.4
	4	1094	8.3
	5	849	6.5
	6	426	3.2
	7	4929	37.5
		-----	-----
TOTAL		13135	100.0

## SECTION D: NURSERY, PLAYGROUP AND SCHOOL EXPERIENCE

Question D.1 A. Ring in the first column A, any school, playgroup or nursery placements N attends at the present (or attended last term if at present on holiday). If currently attending more than one, ring all he/she attends in column A.

B. Ring in the second column, B all other placements attended previously for three months or longer, that he/she has since stopped attending.

E133 Present placement - local education authority (free) nursery school

Not stated	-3	306	2.3
Yes	1	274	2.1
No	2	12555	95.6
		-----	-----
	TOTAL	13135	100.0

E134 Present placement - private (fee charged) nursery school

Not stated	-3	306	2.3
Yes	1	101	.8
No	2	12728	96.9
		-----	-----
	Total	13135	100.0

E135 Present placement - local education authority nursery class attached to infant/primary school

Not stated	-3	306	2.3
Yes	1	416	3.2
No	2	12413	94.5
		-----	-----
	Total	13135	100.0

E136 Present placement - private nursery class attached to infant/primary school

Not stated	-3	306	2.3
Yes	1	27	.2
No	2	12802	97.5
		-----	-----
	Total	13135	100.0



E137 Present placement - local education authority  
infant/primary school

Not stated	-3	306	2.3
Yes	1	10380	79.0
No	2	2449	18.6
		-----	-----
Total		13135	100.0

E138 Present placement - independent/private normal school

Not stated	-3	306	2.3
Yes	1	289	2.2
No	2	12540	95.5
		-----	-----
Total		13135	100.0

E139 Present placement - playgroup

Not stated	-3	306	2.3
Yes	1	633	4.8
No	2	12196	92.9
		-----	-----
Total		13135	100.0

E140 Present placement - special day school, nursery or unit  
for physically or mentally handicapped children

Not stated	-3	306	2.3
Yes	1	61	.5
No	2	12768	97.2
		-----	-----
Total		13135	100.0

E141 Present placement - local authority day nursery

Not stated	-3	306	2.3
Yes	1	26	.2
No	2	12803	97.5
		-----	-----
Total		13135	100.0

E142 Present placement - private day nursery

Not stated	-3	306	2.3
Yes	1	12	.1
No	2	12817	97.6
		-----	-----
Total		13135	100.0

## E143 Present placement - creche/kindergarten

Not stated	-3	306	2.3
Yes	1	14	.1
No	2	12815	97.6
		-----	-----
Total		13135	100.0

## E144 Present placement - other, including mother &amp; toddler club, Sunday school, ballet, music classes, etc

Not stated	-3	306	2.3
Yes	1	1770	13.5
No	2	11059	84.2
		-----	-----
Total		13135	100.0

## E145 Previous placement - local education authority (free) nursery school

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	916	7.0
No	2	9603	73.1
		-----	-----
Total		13135	100.0

## E146 Previous placement - private (fee charged) nursery school

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	779	5.9
No	2	9740	74.2
		-----	-----
Total		13135	100.0

## E147 Previous placement - local education authority nursery class attached to infant/primary school

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	1163	8.9
No	2	9356	71.2
		-----	-----
Total		13135	100.0

E148 Previous placement - private nursery class attached to infant/primary school

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	140	1.1
No	2	10379	79.0
		-----	-----
Total		13135	100.0

E149 Previous placement - local education authority infant/primary school

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	146	1.1
No	2	10373	79.0
		-----	-----
Total		13135	100.0

E150 Previous placement - independent/private normal school

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	34	.3
No	2	10485	79.8
		-----	-----
Total		13135	100.0

E151 Previous placement - playgroup

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	5863	44.6
No	2	4656	35.4
		-----	-----
Total		13135	100.0

E152 Previous placement - special day school, nursery or unit for physically or mentally handicapped children

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	43	.3
No	2	10476	79.8
		-----	-----
Total		13135	100.0

## E153 Previous placement - local authority day nursery

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	230	1.8
No	2	10289	78.3
		-----	-----
Total		13135	100.0

## E154 Previous placement - private day nursery

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	187	1.4
No	2	10332	78.7
		-----	-----
Total		13135	100.0

## E155 Previous placement - creche/kindergarten

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	135	1.0
No	2	10384	79.1
		-----	-----
Total		13135	100.0

## E156 Previous placement - other including mother &amp; toddler club, Sunday school, ballet, music classes, etc

Not stated	-3	2604	19.8
Not known	-2	12	.1
Yes	1	1232	9.4
No	2	9287	70.7
		-----	-----
Total		13135	100.0

E157 Main present placement*			
Not stated	-3	393	3.0
Does not attend	0	557	4.2
LEA nursery school	1	261	2.0
Independent/private nursery school	2	95	.7
LEA nursery class	3	400	3.0
Independent/private nursery class	4	25	.2
LEA infant/primary school	5	10379	79.0
Independent/private normal school	6	289	2.2
Playgroup	7	619	4.7
Special school, nursery or unit for handicapped children	8	59	.4
LEA day nursery	9	24	.2
Private day nursery	10	7	.1
Creche, kindergarten	11	8	.1
Other, eg ballet/music class	14	19	.1
Total		13135	100.0

E158 Main previous placement*			
Not stated	-3	2776	21.1
Not known	-2	9	.1
Does not attend	0	1814	13.8
LEA nursery school	1	822	6.3
Independent/private nursery school	2	664	5.1
LEA nursery class	3	1049	8.0
Independent/private nursery class	4	103	.8
LEA infant/primary school	5	132	1.0
Independent/private normal school	6	25	.2
Playgroup	7	5309	40.4
Special school, nursery or unit for handicapped children	8	24	.2
LEA day nursery	9	166	1.3
Private nursery	10	132	1.0
Creche, kindergarten	11	68	.5
Other, eg ballet/music classes	14	42	.3
Total		13135	100.0

\* Note

If child concurrently attended more than one place, details are given of the main one only.

## E159 Type of premises - present placement

Not stated	-3	474	3.6
Not known	-2	9	.1
Not applicable	-1	950	7.2
Normal school or nursery premises	1	10893	82.9
Village or community hall	2	286	2.2
Church hall	3	221	1.7
Private house	4	168	1.3
Nursery in factory/industrial premises	5	10	.1
Other kind of premises	6	122	.9
Attends two of above	7	2	.0
		-----	-----
Total		13135	100.0

## E160 Type of premises - previous placement

Not stated	-3	233	1.8
Not known	-2	15	.1
Not applicable	-1	4599	35.0
School or nursery premises	1	2427	18.5
Village hall or community hall	2	1986	15.1
Church hall	3	2364	18.0
Private house	4	778	5.9
Nursery in factory/industrial premises	5	27	.2
Other kind of premises	6	692	5.3
Attends two of the above	7	14	.1
		-----	-----
Total		13135	100.0

## Question D.5 (a) At what age did N start attending?

## E161 Age (year) started present placement

Not stated	-3	121	.9
Not applicable	-1	950	7.2
< 1 year	0	3	.0
	1	3	.0
	2	113	.9
	3	761	5.8
	4	9222	70.2
	5	1962	14.9
		-----	-----
Total		13135	100.0

## E162 Age (year) started previous placement

Not stated	-3	174	1.3
Not known	-2	1	.0
Not Applicable	-1	4599	35.0
< 1 year	0	52	.4
	1	98	.7
	2	1485	11.3
	3	5222	39.8
	4	1498	11.4
	5	6	.0
		-----	-----
Total		13135	100.0

## (b) At what age did N stop attending the previous placement?

## E163 Age stopped previous placement

Not stated	-3	153	1.2
Not applicable	-1	4599	35.0
< 1 year	0	2	.0
	1	15	.1
	2	53	.4
	3	536	4.1
	4	6813	51.9
	5	964	7.3
		-----	-----
Total		13135	100.0

## Question D.6 Days and periods of N's attendance

Ring the appropriate numbers under each day of the week to show whether N attended in the morning, afternoon or both. Enter in the last column the average length of a morning or afternoon session in hours

## E164 Number of morning sessions attended: present placement

Not stated	-3	533	4.1
Not applicable	-1	950	7.2
	0	217	1.7
	1	117	.9
	2	297	2.3
	3	181	1.4
	4	74	.6
	5	10766	82.0
		-----	-----
Total		13135	100.0

## E165 Length (hours) of morning sessions: present placement

Not stated	-3	645	4.9
Not applicable	-1	1166	8.9
	1	2	.0
	2	658	5.0
	3	10538	80.2
	4	115	.9
	5	10	.1
	6	1	.0
		-----	-----
Total		13135	100.0

## E166 Number of afternoon sessions attended: present placement

Not stated	-3	571	4.3
Not applicable	-1	950	7.2
	0	1005	7.7
	1	98	.7
	2	73	.6
	3	48	.4
	4	80	.6
	5	10310	78.5
		-----	-----
Total		13135	100.0

## E167 Length (hours) of afternoon sessions: present placement

Not stated	-3	664	5.1
Not applicable	-1	1953	14.9
	1	187	1.4
	2	8798	67.0
	3	1474	11.2
	4	53	.4
	5	5	.0
	6	1	.0
		-----	-----
Total		13135	100.0

## E168 Number of morning sessions: previous placement

Not stated	-3	359	2.7
Not applicable	-1	4599	35.0
	0	978	7.4
	1	559	4.3
	2	2248	17.1
	3	1432	10.9
	4	329	2.5
	5	2631	20.0
		-----	-----
Total		13135	100.0



## E169 Length (hours) of morning sessions: previous placement

Not stated	-3	466	3.5
Not applicable	-1	5582	42.5
	1	23	.2
	2	2573	19.6
	3	4233	32.2
	4	210	1.6
	5	43	.3
	6	5	.0
		-----	-----
Total		13135	100.0

## E170 Number of afternoon sessions: previous placement

Not stated	-3	426	3.2
Not applicable	-1	4599	35.0
	0	5883	44.8
	1	308	2.3
	2	309	2.4
	3	119	.9
	4	42	.3
	5	1449	11.0
		-----	-----
Total		13135	100.0

## E171 Length (hours) of afternoon sessions: previous placement

Not stated	-3	421	3.2
Not applicable	-1	10487	79.8
	1	109	.8
	2	1512	11.5
	3	406	3.1
	4	133	1.0
	5	64	.5
	6	3	.0
		-----	-----
Total		13135	100.0

Question D.7 Has the mother noticed any changes in N felt to be due to his/her attendance at present or previous placements?

## E172 Changes in child - present placement

Not stated	-3	195	1.5
Not known	-2	33	.3
Not applicable	-1	950	7.2
Yes, change noticed	1	7933	60.4
No, no change noticed	2	3000	22.8
Not attended long enough to say	3	695	5.3
Cannot say	4	329	2.5
		-----	-----
Total		13135	100.0

## E173 Changes in child - previous placement

Not stated	-3	538	4.1
Not known	-2	41	.3
Not applicable	-1	4599	35.0
Yes, change noticed	1	4231	32.2
No, no change noticed	2	3184	24.2
Not attended long enough to say	3	139	1.1
Cannot say	4	403	3.1
		-----	-----
Total		13135	100.0

If yes, what kind of changes have you noticed? If only one or two are mentioned, ask 'are there any other changes in him/her you have noticed?'

## E174 Kind of change related to specific skills (present placement)

Not stated	-3	69	.5
Not applicable	-1	5202	39.6
None in this list	0	6830	52.0
Improvement in language/speech	1	642	4.9
Improvement in reading	2	177	1.3
Improvement in writing	3	78	.6
Improvement in painting/ drawing	4	79	.6
Deterioration in language/ speech	5	36	.3
Deterioration in reading	6	4	.0
Deterioration in writing	7	2	.0
Deterioration in painting/ drawing	8	16	.1
		-----	-----
Total		13135	100.0

## E175 Kind of change related to knowledge or personality (present placement)

Not stated	-3	71	.5
Not applicable	-1	5202	39.6
None in this list	0	328	2.5
Improvement in knowledge/ understanding	1	637	4.8
Improvement in personality/ social	2	3602	27.4
Improvement in both the above	3	561	4.3
Deterioration in knowledge/ understanding	4	8	.1
Deterioration in personality/ social	5	852	6.5
Deterioration in both the above	6	9	.1
Mixed	7	508	3.9
Not clear	8	1357	10.3
		-----	-----
Total		13135	100.0

Examples of coding were as follows:

Improvement - change for the better:

1. Knowledge/understanding: e.g. more imagination, better concentration, more alert, knows more colours, learned nursery rhymes, more intelligent, knows more.
2. Personality/social: more mature/confident, less aggressive, mixes better with other children, sleep improved, less/not so shy.
3. Both types of improvement mentioned, i.e. increased knowledge and enhanced personality/social characteristics.

Deterioration - change for the worse:

4. Knowledge/understanding: less imagination, more dependent on others for stimulation, unable to concentrate for long, easily distracted, not so bright.
5. Personality/social less mature/confident, more aggressive, avoids other children, cries more, more shy, difficulty sleeping, more bed wetting, tires more easily, also any item appearing in list for Q.8 in Maternal Self-Completion Questionnaire.
6. Both types of deterioration mentioned.
7. Mixed - improvements in some respects, deterioration in others. cries more, less shy, became more cheeky, learned to mix with others.
8. Not clear whether change was an improvement or deterioration, or change described as 'neutral', eg. remained shy, uses hands more, content to sit quietly drawing and painting, became quieter, more talkative, climbs more.

E176 Kind of change related to specific skills (previous placement)

Not stated	-3	59	.4
Not applicable	-1	8904	67.8
None in This List	0	3653	27.8
Improvement in language/speech	1	409	3.1
Improvement in reading	2	21	.2
Improvement in writing	3	13	.1
Improvement in painting/ drawing	4	51	.4
Deterioration in language/ speech	5	11	.1
Deterioration in painting/ drawing	8	14	.1
		-----	-----
	Total	13135	100.0

E177 Kind of change related to knowledge or personality  
(previous placement)

Not stated	-3	61	.5
Not applicable	-1	8904	67.8
None in this list	0	225	1.7
Improvement in knowledge/ understanding	1	233	1.8
Improvement in personality/ social	2	2490	19.0
Improvement in both the above	3	215	1.6
Deterioration in knowledge/ understanding	4	10	.1
Deterioration in personality/ social	5	318	2.4
Deterioration in both the above	6	3	.0
Mixed	7	78	.6
Not clear	8	598	4.6
		-----	-----
	Total	13135	100.0

Question D.8 Has mother regularly taken part or helped in any way in the place(s) N attended? (e.g. looking after the children, helping with the administrative side or in other ways)

E178 Mother helped - present placement

Not stated	-3	929	7.1
Not known	-2	49	.4
Not applicable	-1	998	7.6
Yes, at least once a week	1	434	3.3
Yes, 1-3 times a month	2	205	1.6
Yes, once or twice a term	3	357	2.7
Yes, less than once a term	4	157	1.2
No, mother's help was not required	5	8596	65.4
No, mother was busy doing other things	6	662	5.0
No, mother preferred not to take part	7	226	1.7
Child not attended long enough to say	8	405	3.1
Other reply	9	54	.4
5 and 6 apply	10	42	.3
5 and 7 apply	11	10	.1
6 and 7 apply	12	6	.0
5+6+7 apply	13	5	.0
		-----	-----
	Total	13135	100.0

## E179 Mother helped - previous placement

Not stated	-3	371	2.8
Not known	-2	27	.2
Not applicable	-1	4632	35.3
Yes, at least once a week	1	754	5.7
Yes, 1-3 times a month	2	679	5.2
Yes, once or twice a term	3	938	7.1
Yes, less than once	4	202	1.5
No, mother's help was not required	5	4633	35.3
No, mother was busy doing other things	6	588	4.5
No, mother preferred not to take part	7	188	1.4
Child not attended long enough to say	8	42	.3
Other reply	9	44	.3
5 and 6 apply	10	23	.2
5 and 7 apply	11	7	.1
6 and 7 apply	12	4	.0
5+6+7 apply	13	3	.0
		-----	-----
Total		13135	100.0

If mother has taken part, please describe what it was she did.

## E180 Type of help - present placement

Not stated	-3	31	.2
Not applicable	-1	11982	91.2
Management/advisory committee	1	88	.7
Working with children & staff	2	608	4.6
Helping at special occasion	3	145	1.1
General help	4	123	.9
Working parties	5	94	.7
Other ways	6	33	.3
1 and 2 apply	7	18	.1
1 and 3 apply	8	13	.1
		-----	-----
Total		13135	100.0

## Coding:

1. On management/advisory committee, etc. e.g. on parent teacher association committee, treasure of institution, social secretary, chairman of playgroup, member of playgroup management committee.
2. Working with staff and directly involved with children in institution (excluding special outings, e.g. playing with children, listening to reading, helping with swimming, helper, on rota system, playgroup leader).
3. Helping at special occasions e.g. helping at Christmas party, helping at outings.

4. Giving general help in institution of administrative type and involved with children but routine activities related to everyday running of institution, e.g. tidying up, clerical assistance, meal time attendant/kitchen assistant.

5. Working parties or groups set up occasionally for special purposes, e.g. fund raising activities, making/maintaining toys, equipment, premises, etc, washing dolls clothes.

E181 Type of help - previous placement

Not stated	-3	73	.6
Not applicable	-1	10562	80.4
Management/advisory committee	1	76	.6
Working with children & staff	2	2040	15.5
Helping at special occasions	3	83	.6
General help	4	137	1.0
Working parties	5	83	.6
Other ways	6	22	.2
1 and 2 apply	7	50	.4
1 and 3 apply	8	9	.1
		-----	-----
Total		13135	100.0

Question D.9 Have N's mother and/or father met the head teacher, supervisor or other staff from the present placement either before or since N started? (e.g. to discuss his/her settling down, N's school entry or anything else concerning N)

E182A Meetings with staff before - mother

Not stated	-3	1644	12.5
Not known	-2	29	.2
Not applicable	-1	510	3.9
Met staff at playgroup	1	9655	73.5
Met at parent's home	2	43	.3
Met elsewhere	3	49	.4
No never met staff	4	942	7.2
No present placement	6	175	1.3
Playgroup, parent's home	7	88	.7
		-----	-----
Total		13135	100.0

E182B Meetings with staff before - father

Not stated	-3	6000	45.7
Not known	-2	56	.4
Not applicable	-1	1037	7.9
Met staff at playgroup	1	3079	23.4
Met at parent's home	2	31	.2
Met elsewhere	3	62	.5
No never met staff	4	2661	20.3
No present placement	6	175	1.3
Playgroup, parent's home	7	34	.3
		-----	-----
Total		13135	100.0

## E182C Meetings with staff since - mother

Not stated	-3	2443	18.6
Not known	-2	38	.3
Not applicable	-1	507	3.9
Met staff at playgroup	1	8630	65.7
Met at parent's home	2	19	.1
Met elsewhere	3	52	.4
No never met staff	4	1200	9.1
No present placement	6	175	1.3
Playgroup, parent's home	7	71	.5
		-----	-----
Total		13135	100.0

## E182D Meetings with staff since - father

Not stated	-3	5727	43.6
Not known	-2	56	.4
Not applicable	-1	1031	7.8
Met staff at playgroup	1	3494	26.6
Met at parent's home	2	24	.2
Met elsewhere	3	65	.5
No never met staff	4	2531	19.3
No present placement	6	175	1.3
Playgroup, parent's home	7	32	.2
		-----	-----
Total		13135	100.0

## E182E Persons who initiated meetings

Not stated	-3	718	5.5
Not known	-2	107	.8
Not applicable	-1	1049	8.0
Parents	1	4740	36.1
Staff	2	4230	32.2
Other reply	3	240	1.8
Parents and staff	4	2041	15.5
Parents, staff, other	5	10	.1
		-----	-----
Total		13135	100.0

Question D.10 If N is not at present attending infant/primary school (LEA or private) please give name and address of the school mother expects him/her to attend later. If mother does not know which infant/primary school N is to attend, put not known.

(b) When does the mother expect N to start attending this infant/primary school?

E183A School entry

Not stated	-3	427	3.3
Not known	-2	4	.0
Not applicable	-1	10717	81.6
Summer term 1975	1	1159	8.8
Autumn term 1975	2	810	6.2
Spring term 1976	3	18	.1
		-----	-----
Total		13135	100.0

Question D.11 Irrespective of whether or not N attended, did the mother ever have his/her name down on a waiting list to go to a playgroup, nursery school or class, or day nursery?

E183B Waiting list

Not stated	-3	762	5.8
Not known	-2	111	.8
Yes had name down on at least one waiting list for nursery school/class or playgroup	1	6308	48.0
Had name down on waiting list for day nursery	2	265	2.0
No name has never been on a waiting list	3	5584	42.5
1 and 2 apply	4	105	.8
		-----	-----
Total		13135	100.0

Question D.12 Has N ever been regularly looked after during the day in someone else's house, for three months or longer? (For this purpose 'regularly' is taken as two or more hours weekly)

E184 Looked after by friend or neighbour

Not stated	-3	236	1.8
Not known	-2	23	.2
Yes	1	476	3.6
No	2	12400	94.4
		-----	-----
Total		13135	100.0



## E185          Looked after by paid childminder

Not stated	-3	236	1.8
Not known	-2	23	.2
Yes	1	345	2.6
No	2	12531	95.4
		-----	-----
Total		13135	100.0

## E186          Looked after by relative

Not stated	-3	236	1.8
Not known	-2	23	.2
Yes	1	924	7.0
No	2	11952	91.0
		-----	-----
Total		13135	100.0

## E187          Looked after by other person

Not stated	-3	236	1.8
Not known	-2	23	.2
Yes	1	51	.4
No	2	12825	97.6
		-----	-----
Total		13135	100.0

If yes, give age in completed years N was first regularly looked after in someone else's house.

## E188          Age first looked after

Not stated	-3	63	.5
Not known	-2	21	.2
Not applicable	-1	11462	87.3
Under 1 year	0	345	2.6
1	1	199	1.5
2	2	295	2.2
3	3	483	3.7
4	4	254	1.9
5	5	13	.1
		-----	-----
Total		13135	100.0

## SECTION E: EDUCATION AND OCCUPATION OF PARENTS

## Question E.1 Educational or occupational qualifications of present parents

## E189A Mother's highest educational qualifications

Not stated	-3	488	3.7
Not known	-2	42	.3
Not applicable	-1	52	.4
None	1	6998	53.3
Vocational	2	1804	13.7
0 Level or equivalent	3	2241	17.1
A Level or equivalent	4	445	3.4
State Registered Nurse or equivalent	5	320	2.4
Certificate of Education	6	295	2.2
Degree or equivalent	7	329	2.5
Other	8	121	.9
		-----	-----
Total		13135	100.0

Coding

2. Qualifications in shorthand and/or typing, trade apprenticeships, or other vocational training, e.g. State Enrolled Nurse (SEN) or Enrolled Nurse (Scotland), hairdressing diploma, etc.
3. G.C.E. 'O' level, S.C.E. 'O' Grade, Certificate of Secondary Education, (CSE), City and Guilds Intermediate Technical Certificate, City and Guilds Final Craft Certificate.
4. G.C.E. 'A' level, High School Certificate (HSC), Higher Grade of Scottish Leaving Certificate (SLC), Ordinary National Diploma/Certificate (OND, ONC), City and Guilds Final Technical Certificate, Higher Grade of Scottish Certificate of Education (SCE).
5. State Registered Nurse (SRN) or Registered Nurse (Scotland).
6. Certificate of Education (Teachers), Teaching Qualification (Primary/Secondary Education in Scotland).
7. Degree (e.g. B.Sc., BA, PhD), Higher National Diploma/Certificate (HND, HNC), Membership of Professional Institution (e.g. FCA, FRICS, MIMechE, MIEE, etc.) City and Guilds Full Technical Certificate.

## E189B Father's highest educational qualifications

Not stated	-3	462	3.5
Not known	-2	254	1.9
Not applicable	-1	655	5.0
None	1	5676	43.2
Vocational	2	1244	9.5
0 Level or equivalent	3	1949	14.8
A Level or equivalent	4	869	6.6
State Registered Nurse	5	33	.3
Certificate of Education	6	105	.8
Degree or equivalent	7	1650	12.6
Other	8	238	1.8
		-----	-----
Total		13135	100.0

## E190 Highest educational qualifications of parents

[This gives the highest educational level of either parent. Where code 8 has been used, for one parent, but codes 2-7 for the other parent, codes 2-7 have been used as there is no way of knowing the relative level of code 8]

Not stated	-3	156	1.2
Not known	-2	35	.3
Not applicable	-1	14	.1
None	1	5166	39.3
Vocational	2	1685	12.8
0 Level or equivalent	3	2703	20.6
A Level or equivalent	4	990	7.5
State Registered Nurse	5	228	1.7
Certificate of Education	6	216	1.6
Degree or equivalent	7	1739	13.2
Other	8	203	1.5
		-----	-----
Total		13135	100.0

## Question E.2 At what age did the present parents leave school?

## E191 Age mother left school

Not stated	-3	55	.4
Not known	-2	16	.1
Not applicable - no mother	-1	52	.4
Never attended	1	56	.4
Age in completed years	8	2	.0
	9	2	.0
	10	13	.1
	11	18	.1
	12	40	.3
	13	51	.4
	14	914	7.0
	15	7960	60.6
	16	2240	17.1
	17	905	6.9
	18	720	5.5
	19	71	.5
	20	14	.1
	21	3	.0
	22	2	.0
	25	1	.0
		-----	-----
Total		13135	100.0

## E192 Age father left school

Not stated	-3	96	.7
Not known	-2	78	.6
Not applicable - no father	-1	655	5.0
Never attended	1	21	.2
Age in completed years	7	1	.0
	8	5	.0
	9	1	.0
	10	3	.0
	11	12	.1
	12	27	.2
	13	55	.4
	14	1197	9.1
	15	7276	55.4
	16	1855	14.1
	17	778	5.9
	18	887	6.8
	19	150	1.1
	20	20	.2
	21	12	.1
	22	1	.0
	23	1	.0
	24	1	.0
	25	2	.0
	27	1	.0
		-----	-----
Total		13135	100.0

Question E.3 How many completed years of full-time education did the present parents have after leaving school? (e.g. at college of education, at polytechnic, at university, etc)

## E193 Years of post-school education: mother

Not stated	-3	522	4.0
Not known	-2	5	.0
Not applicable - no mother	-1	52	.4
None	0	10631	80.9
	1	674	5.1
	2	529	4.0
	3	442	3.4
	4	177	1.3
	5	78	.6
	6	23	.2
7+ years	7	2	.0
		-----	-----
Total		13135	100.0

## E194          Years of post-school education: father

Not stated	-3	709	5.4
Not known	-2	68	.5
Not applicable - no father	-1	655	5.0
None	0	9594	73.0
	1	382	2.9
	2	411	3.1
	3	481	3.7
	4	319	2.4
	5	295	2.2
	6	147	1.1
7+ Years	7	74	.6
		-----	-----
	Total	13135	100.0

E195          Years of full-time education after the age of 15  
mother

Not stated	-3	38	.3
Not known	-2	3	.0
Not applicable - no mother	-1	52	.4
None	0	8515	64.8
	1	2015	15.3
	2	1020	7.8
	3	547	4.2
	4	237	1.8
	5	245	1.9
	6	280	2.1
	7	122	.9
	8	45	.3
	9	10	.1
	10	5	.0
	11	1	.0
		-----	-----
	Total	13135	100.0

[NB variables E195, E196 derived from E191 - E194]

E196            Years of full-time education after the age of 15:  
                 father

Not stated	-3	59	.4
Not known	-2	16	.1
Not applicable - no father	-1	655	5.0
None	0	8018	61.0
	1	1615	12.3
	2	784	6.0
	3	543	4.1
	4	253	1.9
	5	293	2.2
	6	346	2.6
	7	278	2.1
	8	152	1.2
	9	76	.6
	10	41	.3
	11	3	.0
	12	1	.0
	13	1	.0
	19	1	.0
		-----	-----
	Total	13135	100.0

Question E.4    Occupation of present father

E.4 to E.6 refer to the father or father substitute, including foster father, adoptive father, stepfather or any other father substitute.

(a) What is the father's actual job, occupation, trade or profession, or the last occupation if unemployed or retired? Full and precise details of occupation are required. See "Survey Notes and Information".

(b) What is the industry or business in which the father is engaged? Give details of goods, material or services. See "Survey Notes and Information".

(c) Father's employment status:

Self-employed -        With 25 or more employees  
                              With less than 25 employees  
                              Without employees other than family  
  workers

Employed -                In managerial position  
                              As foremen, supervisor, chargehand, etc  
                              Not in supervisory role

Other -                    Unemployed, sick, etc  
                              Please describe situation

No father figure  
Not known, please explain situation

## E197 Social class: father's occupation

Not stated	-3	191	1.5
Not known	-2	4	.0
Not applicable	-1	655	5.0
I	1	843	6.4
II	2	2405	18.3
IIIINM	3	1069	8.1
IIIM	4	5726	43.6
IV	5	1620	12.3
V	6	605	4.6
Other	7	17	.1
		-----	-----
Total		13135	100.0

## Coding.

Office of Population Censuses and Surveys, Classification of Occupations: 1970, London, H.M.S.O. was used.

Other includes full-time or part-time student with no other paid occupation, e.g. teacher training, degree course, etc, or persons regularly engaged in unpaid voluntary work with no other paid occupation, e.g. W.R.V.S., helps in home for handicapped or elderly persons, etc .

Unemployed or retired persons are coded according to their last occupations.

Classification of servicemen's occupations is based on the scheme detailed in the Table on the next page.

Servicemen's occupations

Coding was carried out using the O.P.C.S. Classification and a modification of the Hall-Jones Scale based on rank. (Oppenheim, A.N., 1966, Questionnaire Design and Attitude Measurement, London, Heinemann).

1. If rank was given, social class was coded as below - disregarding any occupation which was given.
2. If rank was not given, the occupation was coded using the O.P.C.S. Classification.
3. Descriptions such as 'soldier', 'in the navy', 'gunner', 'bombadier', etc, were regarded as unclassifiable, and coded 9.

Table

Army	Navy	RAF	Social Class	Code
Major and above	Lieutenant-Commander and above	Squadron leader and above	I	1
Captain and below (commissioned)	Lieutenant and below (commissioned)	Below squadron leader (commissioned)	II	2
Warrant officer, sergeant and staff-sergeant	Warrant officer, petty officer and chief petty officer	Warrant officer, sergeant and flight-sergeant	IIINM	3
Corporal and lance corporal	Leading seaman	Corporal and leading aircraftsman	IIIM	4
Private	Able bodied seaman	Aircraftsman 2 & Aircraftsman 1	IV	5
Inadequately described				9



## Question E.5 Do any of the following apply?

E198 Father away evenings until after N has gone to bed

Not stated	-3	430	3.3
Not known	-2	11	.1
Not applicable	-1	655	5.0
Never	1	6953	52.9
Sometimes	2	3461	26.3
Often	3	1625	12.4
		-----	-----
Total		13135	100.0

E199 Father away most of Saturday and/or Sunday

Not stated	-3	578	4.4
Not known	-2	15	.1
Not applicable	-1	655	5.0
Never	1	8308	63.3
Sometimes	2	2218	16.9
Often	3	1361	10.4
		-----	-----
Total		13135	100.0

E200 Father works away for long periods (i.e. a month or more at a time)

Not stated	-3	831	6.3
Not known	-2	29	.2
Not applicable	-1	655	5.0
Never	1	11141	84.8
Sometimes	2	336	2.6
Often	3	143	1.1
		-----	-----
Total		13135	100.0

E201 Father works overnight

Not stated	-3	830	6.3
Not known	-2	26	.2
Not applicable	-1	655	5.0
Never	1	9190	70.0
Sometimes	2	1528	11.6
Often	3	906	6.9
		-----	-----
Total		13135	100.0

## E202      Father works shifts

Not stated	-3	726	5.5
Not known	-2	38	.3
Not applicable	-1	655	5.0
Never	1	9455	72.0
Sometimes	2	613	4.7
Often	3	1648	12.5
		-----	-----
	Total	13135	100.0

Question E.6      For how many weeks has the father been off work in the past 12 months, through illness or unemployment or for other reasons?

## E203A      Number of weeks off work in past 12 months through illness or accident

Not stated	-3	1284	9.8
Not known	-2	65	.5
Not applicable	-1	655	5.0
None	0	7754	59.0
No. of weeks given		3377	25.7
		-----	-----
	Total	13135	100.0

Range 1 - 52

## E203B      Number of weeks off work in past 12 months through unemployment

Not stated	-3	3979	30.3
Not known	-2	43	.3
Not applicable	-1	655	5.0
None	0	7581	57.7
No. of weeks given		877	6.7
		-----	-----
	Total	13135	100.0

Range 1 - 52

Question E.7 When the present father left school, what was his own father's job? See 'Survey Notes and Information'. If occupation not known put not known.

E204A Fathers' father's occupation

Not known	-2	2621	20.0
Not applicable	-1	514	3.9
I	1	250	1.9
II	2	1702	13.0
III	3	771	5.9
IIIM	4	4678	35.6
IV	5	1796	13.7
V	6	803	6.1
		-----	-----
	Total	13135	100.0

Question E.8 When the present mother left school, what was her own father's job? See 'Survey Notes and Information'. If occupation not known put not known.

E204B Mothers' father's occupation

Not known	-2	1399	10.7
Not applicable	-1	587	4.5
I	1	282	2.1
II	2	1784	13.6
III	3	937	7.1
IIIM	4	5154	39.2
IV	5	2073	15.8
V	6	919	7.0
		-----	-----
	Total	13135	100.0

Question E.9 Does present mother have a job, either out of the home or at home, or is she a full-time housewife?

E205 Mother's current employment

Not stated	-3	70	.5
Not applicable	-1	52	.4
Full-time housewife	1	7466	56.8
Regular work outside home	2	4229	32.2
Occasional work outside home	3	427	3.3
Regular work at home	4	568	4.3
Occasional work at home	5	145	1.1
Has two regular jobs	6	75	.6
Other	7	17	.1
Student/voluntary work etc	8	86	.7
		-----	-----
	Total	13135	100.0

Coding schedule:

1. Full-time housewife, no other kind of work.
2. Mother works out of the home, regularly: full-time or part-time employment, including evenings, overnight or weekends.
3. Mother works out of the home, occasionally: casual or freelance worker obtaining work on a day-to-day basis or seasonally, e.g. fruit picking, etc.
4. Mother works at home, regularly: family business, e.g. shop, farm, boarding house, clerical work for a self-employed husband, home industry i.e. working for a firm of manufacturers at home, etc.
5. Occasionally: seasonal work done at home, eg. holiday bed and breakfast business.

Mothers with more than one regular job

Employment details of mothers with more than one job are as follows:

- E206 Classification is given of job in which mother spends most time. If this was not known the highest class was coded.
- E207 Maximum period is given
- E208 Total hours worked altogether is given
- E209 All days worked is given
- E210 Regularity of job in which mother spent most time is given
- E211 If child was looked after at home for one job and away for another code 3 was used (varies)
- E212, E213 All persons looking after child are coded
- E214, E215 Coded as given on questionnaire

Question E.10 Describe mother's present job. See 'Survey Notes and Information'.

(a) What is her actual job? (e.g. shop assistant, teacher, assembly line worker, typist, stitcher, etc)

(b) What type of industry or business does she work in? (e.g. greengrocers, infant school, tobacco, insurance, glovemaking, etc)

(c) What kind of position does mother occupy at work? Managerial, as foreman or supervisor, etc, non-supervisory position, works at home, other (please specify), cannot say/not known.

## E206 Classification of social class from mother's occupation

Not stated	-3	34	.3
Not applicable	-1	8177	62.3
I	1	29	.2
II	2	771	5.9
IIIINM	3	1431	10.9
IIIM	4	429	3.3
IV	5	1629	12.4
V	6	547	4.2
Student/voluntary work	7	88	.7
		-----	-----
Total		13135	100.0

(d) How many years has mother been doing this job? (Ignore short breaks for pregnancies or illness)

## E207 Number of years in present regular job

Not stated	-3	104	.8
Not known	-2	25	.2
Not applicable	-1	8177	62.3
Under 1 Year	0	1867	14.2
	1	875	6.7
	2	730	5.6
	3	359	2.7
	4	329	2.5
	5	97	.7
	6	56	.4
	7	79	.6
	8	77	.6
	9	43	.3
	10	82	.6
	11	41	.3
	12	49	.4
	13	23	.2
	14	28	.2
	15	25	.2
	16	14	.1
	17	8	.1
	18	10	.1
	19	4	.0
	20	17	.1
	21	3	.0
	22	3	.0
	23	2	.0
	24	2	.0
	26	1	.0
	28	1	.0
	30	2	.0
	34	1	.0
	36	1	.0
		-----	-----
Total		13135	100.0

Question E.11 Please show in the Table below the times (giving a.m. or p.m.) the mother started and finished work and the total hours worked each day last week. If not working last week, give details of the last week worked.

E208 Total hours worked during previous week

Not stated	-3	86	.7
Not applicable	-1	8177	62.3
Under 1 hour	0	198	1.5
No. hours given		4674	35.6
		-----	-----
Total		13135	100.0

range 1 - 98

E209A Type of days on which mother worked during previous week

Not stated	-3	262	2.0
Not applicable	-1	8177	62.3
Weekdays only	0	3375	25.7
Weekdays + 1 weekend day	1	912	6.9
2 weekend days	2	409	3.1
		-----	-----
Total		13135	100.0

E209B No. of weekdays mother worked during previous week

Not stated	-3	262	2.0
Not applicable	-1	8177	62.3
Weekend only	0	171	1.3
1 weekday	1	333	2.5
2 weekdays	2	502	3.8
3 weekdays	3	534	4.1
4 weekdays	4	590	4.5
5 weekdays	5	2566	19.5
		-----	-----
Total		13135	100.0

Question E.12 Does mother work these hours regularly every week?

E210 Regularity

Not stated	-3	61	.5
Not known	-2	9	.1
Not applicable	-1	8177	62.3
Every week the same	1	3895	29.7
No, mother works a shift system	2	138	1.1
No, fixed pattern of work	3	584	4.4
Other	4	271	2.1
		-----	-----
Total		13135	100.0

Question E.13 Please give average travelling time to and from work.

(a) travelling to work

(b) returning home

E210A Travelling time to work

Not stated	-3	158	1.2
Not applicable	-1	8108	61.7
At home	0	578	4.4
0-14 mins	1	2459	18.7
15-29 mins	2	1140	8.7
30-44 mins	3	494	3.8
45-59 mins	4	88	.7
1hr-1hr 14mins	5	90	.7
1hr 15mins-1hr 29min	6	6	.0
1hr 30mins +	7	14	.1
		-----	-----
	Total	13135	100.0

E210B Travelling time returning home

Not stated	-3	218	1.7
Not applicable	-1	8108	61.7
At home	0	578	4.4
0-14 mins	1	2423	18.4
15-29 mins	2	1118	8.5
30-44 mins	3	499	3.8
45-59 mins	4	86	.7
1hr-1hr 14mins	5	83	.6
1hr 15mins-1hr 29min	6	7	.1
1hr 30mins +	7	15	.1
		-----	-----
	Total	13135	100.0

Question E.14 When mother is at work, is N usually looked after at home or away from home? (If N is sometimes looked after at home and sometimes away from home ring where he/she is mainly looked after)

E211 Where child looked after when mother works

Not stated	-3	354	2.7
Not known	-2	18	.1
Not applicable	-1	8177	62.3
At home	1	2663	20.3
Away from home	2	1675	12.8
Varies	3	248	1.9
		-----	-----
	Total	13135	100.0

Question E.15 Who looks after N during mother's working hours?  
(ring all that apply)

E212 Who looks after child when mother is working  
(I: relatives)

Not stated	-3	102	.8
Not applicable	-1	8177	62.3
None in this list	0	1448	11.0
Father (F)	1	1437	10.9
Mother at home (MH)	2	341	2.6
F + MH	3	45	.3
Mother at work (MW)	4	187	1.4
F + MW	5	35	.3
MH + MW	6	9	.1
F + MH + MW	7	6	.0
Adult relative (AR)	8	696	5.3
F + AR	9	279	2.1
MH + AR	10	12	.1
F + MH + AR	11	4	.0
MW + AR	12	18	.1
F + MW + AR	13	8	.1
MH + MW + AR	14	1	.0
F + MH + MW + AR	15	2	.0
Older sibling (OS)	16	97	.7
F + OS	17	163	1.2
MH + OS	18	5	.0
F + MH + OS	19	6	.0
MW + OS	20	9	.1
F + MW + OS	21	8	.1
MH + MW + OS	22	1	.0
AR + OS	24	22	.2
F + AR + OS	25	13	.1
MH + AR + OS	26	1	.0
F + MH + AR + OS	27	1	.0
MW + AR + OS	28	2	.0
		-----	-----
	Total	13135	100.0



E213 Who looks after child when mother is working  
(II: non-relatives)

Not stated	-3	102	.8
Not applicable	-1	8177	62.3
None in this list	0	2495	19.0
Child minder (CM)	1	104	.8
Friend-neighbour (F)	2	174	1.3
CM + F	3	2	.0
LA day nursery (LADN)	4	22	.2
Private day nursery or employer-run (PDN)	8	20	.2
F + PDN	10	7	.1
LADN + PDN	12	1	.0
School/playgroup/nursery school (S)	16	1838	14.0
CM + S	17	56	.4
F + S	18	98	.7
CM + F + S	19	3	.0
PDN + S	24	6	.0
Elsewhere (E)	32	16	.1
LADN + E	36	1	.0
S + E	48	12	.1
F + S + E	50	1	.0
		-----	-----
Total		13135	100.0

If more than one, who mainly looks after N during mother's working hours?

E214 Main person looking after child during mother's working hours

Not stated	-3	571	4.3
Not applicable	-1	8177	62.3
Father	1	1469	11.2
Mother at home	2	296	2.3
Mother at work	3	131	1.0
Adult relative	4	537	4.1
Older sibling	5	102	.8
Paid childminder	6	81	.6
Friend-neighbour (unpaid)	7	103	.8
LA day nursery	8	20	.2
Private day nursery	9	18	.1
School/playgroup/etc	10	1618	12.3
Elsewhere	11	12	.1
		-----	-----
Total		13135	100.0

Note:

Some mothers have not cited school as the main place of care during working hours even if the child is known to be attending school

Question E.16 Please ask the mother if she could say what are the main reasons she works. (If 'for money' ask, 'what is money mainly spent on?')  
(ring all that apply)

Financial necessity (e.g. contribution to housekeeping or rent, clothes, etc)

Financial advantage (e.g. savings, holidays, household appliances, luxuries, car, to gain independence, etc)

Social reasons (e.g. for company, making friends, relief of boredom, keep you young etc,)

Career/enjoys the work

E215 Main reason for working

Not stated	-3	657	5.0
Not applicable	-1	8177	62.3
Financial necessity	1	1541	11.7
Financial advantage	2	1101	8.4
Social reasons	3	889	6.8
Career/enjoys the work	4	474	3.6
Family business	5	214	1.6
Other	6	82	.6
		-----	-----
	Total	13135	100.0

Question E.17 Has mother had a regular full-time or part-time job out of the home since the time of N's birth which she subsequently gave up?

E216A Regular job which she gave up

Not stated	-3	1572	12.0
Not known	-2	54	.4
Not applicable	-1	52	.4
Yes, full-time job	1	677	5.2
Yes, part-time job	2	2531	19.3
Yes, both	3	122	.9
No, never had a job out of the home	4	7967	60.7
Other	5	160	1.2
		-----	-----
	Total	13135	100.0

If yes, give total time worked since N's birth in completed years  
(exclude present job if any)

## E216B      Years worked

Not stated	-3	294	2.2
Not applicable	-1	9645	73.4
Under 1 Year	0	1370	10.4
	1	723	5.5
	2	563	4.3
	3	319	2.4
	4	183	1.4
	5	38	.3
		-----	-----
Total		13135	100.0

Note:

E216 and E217 should refer to employment outside the home that the mother had given up prior to the time of the survey. It is possible, however, that in some cases the mother's current employment has been included. It is recommended, therefore, that these variables are used only in conjunction with VARS E207 and E217.

E217      Mother's current employment (variables derived from  
E205 and E208)

Not stated	-3	70	.5
Not applicable	-1	52	.4
Full-time housewife	10	7466	56.8
Full-time work away	20	745	5.7
Part-time work away	21	3417	26.0
Hours NS or NK	22	67	.5
Occasional work away	30	427	3.3
Full-time work at home	40	104	.8
Part-time work at home	41	351	2.7
Hours NS or NK	42	113	.9
Occasional work at home	50	145	1.1
Has two jobs full-time	60	6	.0
Has two jobs part-time	61	69	.5
Other situation	70	17	.1
Student etc	80	86	.7
		-----	-----
Total		13135	100.0

## SECTION F: THE HOME AND SOCIAL ENVIRONMENT

Question F.1 What accommodation is occupied by this household?

## E218 Type of accommodation

Not stated	-3	38	.3
Whole detached house or bungalow	1	2488	18.9
Whole semi-detached house or bungalow	2	5350	40.7
Whole terraced house (including end of terrace)	3	3660	27.9
Flat/maisonette (self-contained)	4	1342	10.2
Rooms (non-self-contained flat)	5	117	.9
Other	6	140	1.1
		-----	-----
Total		13135	100.0

If flat or rooms give the lowest floor on which rooms are situated

## E219 Floor of flat or rooms

Not stated	-3	131	1.0
Not applicable	-1	11676	88.9
Ground/basement	0	442	3.4
	1	474	3.6
	2	181	1.4
	3	107	.8
	4	44	.3
	5	11	.1
	6	10	.1
	7	12	.1
	8	7	.1
	9	4	.0
	10	6	.0
	11	14	.1
	12	2	.0
	13	1	.0
	14	2	.0
	15	3	.0
	16	1	.0
	17	1	.0
	18	2	.0
	19	2	.0
	20	1	.0
	24	1	.0
		-----	-----
Total		13135	100.0

Question F.2 Is the accommodation owned or rented by the household?

E220 Tenure of accommodation

Not stated	-3	41	.3
Owned outright	1	1694	12.9
Being bought	2	5692	43.3
Rented from council	3	4231	32.2
Privately rented unfurnished	4	689	5.2
Privately rented furnished or partly furnished	5	126	1.0
Tied to occupation of father	6	522	4.0
Other	7	140	1.1
		-----	-----
Total		13135	100.0

Question F.3 Does the household have sole use of, share with another household, or lack any of the following amenities?

E221 Bathroom

Not stated	-3	206	1.6
Sole use	1	12469	94.9
Shared use	2	135	1.0
None	3	325	2.5
		-----	-----
Total		13135	100.0

E222 Indoor lavatory

Not stated	-3	387	2.9
Sole use	1	12266	93.4
Shared use	2	118	.9
None	3	364	2.8
		-----	-----
Total		13135	100.0

E223 Outdoor lavatory

Not stated	-3	3991	30.4
Sole use	1	2982	22.7
Shared use	2	89	.7
None	3	6073	46.2
		-----	-----
Total		13135	100.0

## E224 Hot water supply

Not stated	-3	224	1.7
Sole use	1	12584	95.8
Shared use	2	120	.9
None	3	207	1.6
		-----	-----
Total		13135	100.0

## E225 Garden or yard

Not stated	-3	316	2.4
Sole use	1	11871	90.4
Shared use	2	515	3.9
None	3	433	3.3
		-----	-----
Total		13135	100.0

## E226 Kitchen

Not stated	-3	33	.3
Sole use	1	12814	97.6
Shared use	2	95	.7
None	3	14	.1
Kitchen NS if shared	4	179	1.4
		-----	-----
Total		13135	100.0

Question F.4 How large is the kitchen and is it used for living in (e.g. for having meals in)?

## E227 Size of kitchen

Not stated	-3	289	2.2
Not known	-2	8	.1
Not applicable (no kitchen)	-1	14	.1
<6 ft wide - not used for living in	1	1804	13.7
<6ft wide - used for living in	2	397	3.0
6ft+ wide - not used for living in	3	5614	42.7
6ft+ wide - used for living in	4	5009	38.1
		-----	-----
Total		13135	100.0

Question F.5 How many rooms are there within the accommodation?  
 (Include all rooms except kitchen, bathroom,  
 toilet, and any rooms used solely for business  
 purposes. For complete definition see 'Survey  
 Notes and Information')

E228A Number of rooms in accommodation

Not stated	-3	180	1.4
	1	42	.3
	2	139	1.1
	3	1609	12.2
	4	4779	36.4
	5	4365	33.2
	6	1178	9.0
	7	476	3.6
	8	212	1.6
	9	67	.5
	10	40	.3
	11	12	.1
	12	9	.1
	13	7	.1
	14	7	.1
	15	1	.0
	17	1	.0
	20	3	.0
	21	2	.0
	24	1	.0
	31	1	.0
	42	1	.0
	50	1	.0
	55	1	.0
	88	1	.0
		-----	-----
	Total	13135	100.0

## E228B Persons per room ratio

Not stated	-3	178	1.4
Not applicable	-1	14	.1
Ratio given		12943	98.5
		-----	-----
Total		13135	100.0

Range 0.119 - 6.0

Crowding index

1. The basis for the Census (1971) calculation of persons/room ratio is the number of rooms wholly available to the household or shared with other households. If a room is shared it is counted as a fraction according to the number of households sharing it. CHES data provide information about sharing for kitchens only (kitchens under 6ft wide, bathrooms and hallways are excluded from the calculation) and it has been decided to count shared kitchens as half a room. The CHES persons per room ratio will tend to reduce slightly the proportion of children living in 'overcrowded' conditions.

2. The Table below gives the contribution of the kitchen to the total number of rooms in the accommodation. Number in cells has been added to number of rooms (E228A).

Table

E227 Size of kitchen	E226 Availability of kitchen			
	Sole use 1	Shared 2	None 3	NS -3
NS	-3	+1	+ .5	0
NK	-2	+1	+ .5	0
<6ft Not lived in	1	0	0	0
<6ft Lived in	2	0	0	0
≥6ft Not lived in	3	+1	+ .5	+1
≥6ft Lived in	4	+1	+ .5	+1
No kitchen	5	+1	+ .5	0

VAR E226 is considered the best indicator of the availability of a kitchen. VAR E227 indicates if the available kitchen is too small to be included as a room and is also used to indicate the presence of a kitchen if VAR E226 is not stated.

3. If number of rooms in the accommodation is not stated, persons per room is given as not stated.

4. If the child lives in a residential institution or is permanently in hospital, persons per room is not applicable.



Question F.6 Does N share a bedroom with others? If yes, how many sleep in the same room?

E228C N shares bedroom

Not stated	-3	59	.4
Not known	-2	6	.0
Yes	1	7807	59.4
No	2	5263	40.1
		-----	-----
TOTAL		13135	100.0

E228D No. sleeping in room

Not stated	-3	662	5.0
Not applicable	-1	5264	40.1
Two people	2	5769	43.9
Three people	3	1083	8.2
Four people	4	279	2.1
Five people	5	60	.5
Six people	6	16	.1
Seven people	7	2	.0
		-----	-----
TOTAL		13135	100.0

E228E Shares a bed

Not stated	-3	140	1.1
Not known	-2	9	.1
No	1	11474	87.4
Yes with 1 other	2	1367	10.4
Yes with 2 others	3	135	1.0
Yes with more than 2 others	4	10	.1
		-----	-----
TOTAL		13135	100.0

## Question F.8 Which of the following does the family have?

## E229 Refrigerator

Not stated	-3	30	.2
Yes	1	12133	92.4
No	2	972	7.4
		-----	-----
Total		13135	100.0

## E230 Washing machine

Not stated	-3	30	.2
Yes	1	11754	89.5
No	2	1351	10.3
		-----	-----
Total		13135	100.0

## E231 Spin drier

Not stated	-3	30	.2
Yes	1	10634	81.0
No	2	2471	18.8
		-----	-----
Total		13135	100.0

## E232 Colour TV

Not stated	-3	30	.2
Yes	1	6803	51.8
No	2	6302	48.0
		-----	-----
Total		13135	100.0

## E233 Black and white TV

Not stated	-3	30	.2
Yes	1	7431	56.6
No	2	5674	43.2
		-----	-----
Total		13135	100.0

## E234 Van or car

Not stated	-3	30	.2
Yes	1	9201	70.0
No	2	3904	29.7
		-----	-----
Total		13135	100.0

## E235 Telephone

Not stated	-3	30	.2
Yes	1	7520	57.3
No	2	5585	42.5
		-----	-----
Total		13135	100.0

Question F.9 In the past seven days has anyone helped mother at all with any of the following? (Include father, members of the household, friends, neighbours, relatives and paid help)

## E236 Help with housework or shopping

Not stated	-3	207	1.6
Not known	-2	9	.1
Not applicable	-1	52	.4
Yes, father	1	4361	33.2
Yes, others	2	2107	16.0
1 and 2 apply	3	1376	10.5
No help	4	5023	38.2
		-----	-----
Total		13135	100.0

## E237 Help with looking after child whilst mother shops, attends appointments, does housework, etc

Not stated	-3	512	3.9
Not known	-2	17	.1
Not applicable	-1	52	.4
Yes, father	1	3251	24.8
Yes, others	2	2580	19.6
1 and 2 apply	3	823	6.3
No help	4	5900	44.9
		-----	-----
Total		13135	100.0

## E238 Help with baby sitting in the evening

Not stated	-3	717	5.5
Not known	-2	17	.1
Not applicable	-1	52	.4
Yes, father	1	1827	13.9
Yes, others	2	3874	29.5
1 and 2 apply	3	474	3.6
No help	4	6174	47.0
		-----	-----
Total		13135	100.0

## E239 Help with putting child to bed

Not stated	-3	548	4.2
Not known	-2	11	.1
Not applicable	-1	52	.4
Yes, father	1	5246	39.9
Yes, others	2	1459	11.1
1 and 2 apply	3	522	4.0
No help	4	5297	40.3
		-----	-----
Total		13135	100.0

## E240 Help with taking child to school/nursery/playgroup, etc

Not stated	-3	1155	8.8
Not known	-2	22	.2
Not applicable	-1	52	.4
Yes, fathers	1	1607	12.2
Yes, others	2	2150	16.4
1 and 2 apply	3	171	1.3
No help	4	7978	60.7
		-----	-----
Total		13135	100.0

Question F.10 In the past 7 days has N done any of the following with others or by him/herself:

## E241 Child has been to a friend's or relative's house

Not stated	-3	154	1.2
Not known	-2	18	.1
No	1	2330	17.7
Yes, with adult	2	4769	36.3
Yes, with child	3	1504	11.5
Yes, by self	4	1897	14.4
2+3	5	1143	8.7
2+4	6	501	3.8
3+4	7	250	1.9
2+3+4	8	569	4.3
		-----	-----
Total		13135	100.0

E242 In past seven days child has been to a park, recreation ground, adventure playground

Not stated	-3	417	3.2
Not known	-2	36	.3
No	1	6192	47.1
Yes, with adult	2	3809	29.0
Yes, with child	3	1430	10.9
Yes, by self	4	306	2.3
2+3	5	786	6.0
2+4	6	25	.2
3+4	7	99	.8
2+3+4	8	35	.3
		-----	-----
Total		13135	100.0

E243 In past seven days child has been on a bus or train

Not stated	-3	674	5.1
Not known	-2	36	.3
No	1	7706	58.7
Yes, with adult	2	3977	30.3
Yes, with child	3	341	2.6
Yes, by self	4	69	.5
2+3	5	321	2.4
2+4	6	2	.0
3+4	7	6	.0
2+3+4	8	3	.0
		-----	-----
Total		13135	100.0

E244 In past seven days child has been to the shops, launderette, etc

Not stated	-3	152	1.2
Not known	-2	22	.2
No	1	1878	14.3
Yes, with adult	2	8904	67.8
Yes, with child	3	454	3.5
Yes, by self	4	379	2.9
2+3	5	906	6.9
2+4	6	234	1.8
3+4	7	62	.5
2+3+4	8	144	1.1
		-----	-----
Total		13135	100.0

Question F.11 Indicate to which of the following broad ethnic categories N and the present parents belong

E245 Ethnic group of child

Not stated	-3	439	3.3
Not known	-2	6	.0
European UK	1	12140	92.4
European other	2	128	1.0
West Indian	3	152	1.2
Indian/Pakistani	4	197	1.5
Other Asian	5	27	.2
African	6	6	.0
Other	7	40	.3
		-----	-----
Total		13135	100.0

E246A Ethnic group of mother

Not stated	-3	120	.9
Not known	-2	3	.0
Not applicable	-1	52	.4
European UK	1	12159	92.6
European other	2	292	2.2
West Indian	3	179	1.4
Indian/Pakistani	4	228	1.7
Other Asian	5	43	.3
African	6	11	.1
Other	7	48	.4
		-----	-----
Total		13135	100.0

E246B Ethnic group of father

Not stated	-3	129	1.0
Not known	-2	10	.1
Not applicable	-1	655	5.0
European UK	1	11583	88.2
European Other	2	260	2.0
West Indian	3	164	1.2
Indian/Pakistani	4	240	1.8
Other Asian	5	39	.3
African	6	9	.1
Other	7	46	.4
		-----	-----
Total		13135	100.0

## E247 Ethnic group of home

Preliminary examination of the data on ethnicity revealed that many children whose natural parents were both given as, say, West Indian, were nevertheless recorded as European (UK), based on the child's nationality rather than his or her ethnic origin. To counter this a special variable was devised based on the ethnic group of both present parents. According to this classification 92.3% of the children in the sample were with parents of British descent. The larger ethnic minority groups were the West Indian (1.3%) and Asian (2.0%) families. These groups were likely to be under-represented, however, because of tracing difficulties. Where interest centres on one or other parent rather than the child, that parent's ethnic group can be used.

To provide classification of families in terms of the ethnic group of the parent(s). E246A and E246B have been used to derive the following:

Not stated	-3	115	.9
Not known	-2	3	.0
Child in residential care	-1	14	.1
European - UK	1	12007	91.4
European - other	2	179	1.4
Parents West Indian	3	174	1.3
Parents Asian (includes Indian, Pakistani and other Asian)	4	257	2.0
Parents African	5	7	.1
One parent UK the other European - not UK	6	198	1.5
:the other West Indian	7	27	.2
:the other Asian	8	32	.2
:the other African	9	4	.0
Other not given above	10	51	.4
Not known	11	25	.2
Both parents coloured but not of same ethnic group	12	3	.0
At least one parent coloured, other parent either European, 'other', not known, or not stated	13	10	.1
Parents of other ethnic groups or combinations not given above and not known if either coloured	14	29	.2
		-----	-----
	Total	13135	100.0

Notes

1. Single parents are classified in categories 1 to 5 according to the ethnic group of the parent.
2. The ethnic group of the "present parents" was requested but it is possible in some cases that the ethnic group of a (absent) natural parent was given. There is no information about the extent of this possible inconsistency.
3. The proportions of non-UK parents should be treated strictly as a minimal estimate for two reasons:
  - (a) Non-UK families were difficult to trace and interview,
  - (b) Immigrant families might have cited their UK nationality to protect their position in this country.

4. Irish families, both Northern and Southern, could have been included in either "European-UK" or "European-other". Families from Eire might constitute the majority of the "European-other" category. There is no way of ascertaining the extent of this. For purposes of classification parents recorded as "European-other" are regarded as white.

Question F.12 What language is mainly used with N in the home?

E248 Language used in home			
Not stated	-3	33	.3
Not known	-2	2	.0
English	1	12661	96.4
Welsh/Gaelic	2	167	1.3
Hindi/Urdu	3	180	1.4
Greek/Turkish	4	19	.1
Chinese and other oriental	5	11	.1
Other European languages	7	62	.5
		-----	-----
Total		13135	100.0

Note:

If English and another language was given, the 'other' language has been coded

Question F.13 How many times has N moved house since birth?

E249 Household moves			
Not stated	-3	122	.9
Not known	-2	35	.3
No moves	0	5588	42.5
	1	4554	34.7
	2	1453	11.1
	3	753	5.7
	4	312	2.4
	5	153	1.2
	6	62	.5
	7	25	.2
	8	15	.1
	9	9	.1
	10	4	.0
	11	41	.3
	12	2	.0
	13	2	.0
	14	1	.0
	17	1	.0
	20	1	.0
	22	1	.0
	66	1	.0
		-----	-----
Total		13135	100.0



Question F.14 Has N ever been in any of the following situations?  
(ring all that apply)

E250 Child in care in foster parents' home

Not stated	-3	2545	19.4
Not known	-2	94	.7
Yes, now	1	28	.2
Yes, in past but not now	2	165	1.3
No	3	10303	78.4
		-----	-----
Total		13135	100.0

E251 Child in care in assessment centre

Not stated	-3	2545	19.4
Not known	-2	94	.7
Yes, now	1	1	.0
Yes, in past only	2	10	.1
No	3	10485	79.8
		-----	-----
Total		13135	100.0

E252 Child in care in family group home

Not stated	-3	2545	19.4
Not known	-2	94	.7
Yes, now	1	5	.0
Yes, in past only	2	14	.1
No	3	10477	79.8
		-----	-----
Total		13135	100.0

E253 Child in care in children's home

Not stated	-3	2545	19.4
Not known	-2	94	.7
Yes, now	1	12	.1
Yes, in past only	2	52	.4
No	3	10432	79.4
		-----	-----
Total		13135	100.0

## E254 Child in 'Part III' accommodation

Not stated	-3	2545	19.4
Not known	-2	94	.7
Yes, now	1	3	.0
Yes, in past only	2	15	.1
No	3	10478	79.8
		-----	-----
Total		13135	100.0

## E255 Child in homeless family unit

Not stated	-3	2545	19.4
Not known	-2	94	.7
Yes, now	1	8	.1
Yes, in past only	2	30	.2
No	3	10458	79.6
		-----	-----
Total		13135	100.0

## SECTION G: FAMILY HEALTH AND SMOKING

Question G.1 Has anyone in N's household since N's birth had any severe or prolonged illness (medical, surgical or psychiatric) or any handicap or disability?

## E256 Handicap and illness at home

Not stated	-3	105	.8
Not known	-2	33	.3
No, none	0	10490	79.9
Yes, mother (M)	1	866	6.6
Yes, father (F)	2	810	6.2
Mother & father	3	121	.9
Yes, other adult (A)	4	195	1.5
M + A	5	16	.1
F + A	6	7	.1
M + F + A	7	1	.0
Yes, a child (not N) (C)	8	370	2.8
M + C	9	44	.3
F + C	10	46	.4
M + F + C	11	23	.2
A + C	12	1	.0
M + A + C	13	2	.0
F + A + C	14	1	.0
M + F + A + C	15	1	.0
Sibling death	16	3	.0
		-----	-----
Total		13135	100.0

In what way, if any, has condition caused any interference with N's everyday care?

E257 Interference with care of child

Not stated	-3	232	1.8
Not known	-2	6	.0
Not applicable*	-1	10613	80.8
Interfered	1	642	4.9
Did not interfere	2	1642	12.5
		-----	-----
Total		13135	100.0

\* no known handicap/illness

Note.

'Interference' includes direct effect of the illness as well as resultant changes in family situation which may have affected the child. Examples: treats cut out, gets niggly with children, father stayed home to look after child, financial problems, divorce, stayed with grandmother, no play with father.

Question G.2 (a) Do either N's mother or father smoke at all at present? (Cigarette smoking is defined as smoking an average of one or more cigarettes a day)

E258 Smoking habit of mother

Not stated	-3	398	3.0
Not known	-2	9	.1
Not applicable - no mother	-1	52	.4
No, is non-smoker	1	7314	55.7
Smokes cigarettes	2	5348	40.7
Smokes pipe or cigars	3	8	.1
2 and 3 apply	4	6	.0
		-----	-----
Total		13135	100.0

E259 Smoking habit of father

Not stated	-3	197	1.5
Not known	-2	30	.2
Not applicable - no father	-1	655	5.0
No, non-smoker	1	5414	41.2
Smokes cigarettes	2	5413	41.2
Smokes pipe or cigars	3	998	7.6
2 and 3 apply	4	428	3.3
		-----	-----
Total		13135	100.0

If smokes cigarettes, how many are smoked per day on average?

E260 Number of cigarettes smoked per day by mother - smokers only

Not stated	-3	67	.5
Not known	-2	51	.4
Not applicable	-1	7781	59.2
No. cigarettes given		5236	39.9
		-----	-----
Total		13135	100.0

Range 0 - 60

E261 Number of cigarettes smoked per day by father - smokers only

Not stated	-3	109	.8
Not known	-2	228	1.7
Not applicable	-1	7294	55.5
No. cigarettes given		5504	41.9
		-----	-----
Total		13135	100.0

Range 0 - 80

(b) Irrespective of whether or not N's mother or father smoke at present, for how many years since N's birth have they smoked cigarettes, if at all?

E262 Smoking habit of mother since child's birth

Not stated	-3	1301	9.9
Not known	-2	76	.6
Not applicable - no mother	-1	52	.4
All the time	1	4311	32.8
More than 3 years	2	945	7.2
1-3 years	3	684	5.2
Less than 1 year	4	269	2.0
Years NK	5	105	.8
Non smoker all the time	6	5392	41.1
		-----	-----
Total		13135	100.0

## E263      Smoking habit of father since child's birth

Not stated	-3	957	7.3
Not known	-2	113	.9
Not applicable - no father	-1	655	5.0
All the time	1	5535	42.1
More than 3 years	2	1096	8.3
1-3 years	3	581	4.4
Less than 1 year	4	289	2.2
Years NK	5	224	1.7
Non smoker all the time	6	3685	28.1
		-----	-----
Total		13135	100.0

## SECTION H: TO BE COMPLETED AFTER THE INTERVIEW IS OVER

Please complete H.1 to H.5 from your knowledge and any impression you have gained during the interview.

Question H.1 Please ring the descriptions which you feel best characterise the home and relationship of family with neighbours.

## E264 (a) Furniture and equipment in home

Not stated	-3	202	1.5
Cannot assess	-2	46	.4
Luxurious	1	251	1.9
Well equipped	2	7253	55.2
Adequate	3	4816	36.7
Low standard	4	484	3.7
Very low standard	5	83	.6
		-----	-----
Total		13135	100.0

## E265 (b) Tidiness of home

Not stated	-3	191	1.5
Not known	-2	56	.4
Over-tidy	1	98	.7
Very tidy	2	3988	30.4
Average	3	7925	60.3
Untidy	4	771	5.9
Chaotic	5	106	.8
		-----	-----
Total		13135	100.0

## E266 (c) Relationship of family with neighbours

Not stated	-3	235	1.8
Not known	-2	1656	12.6
Very good terms	1	1530	11.6
Good terms	2	5305	40.4
Satisfactory	3	3777	28.8
Don't mix	4	558	4.2
Bad terms	5	74	.6
		-----	-----
	Total	13135	100.0

Neighbourhood

A simple classification of neighbourhoods was achieved by asking the health visitors to say which of four brief descriptions best characterised the district in which the study child lived (see Question H.2 in the Home Interview Questionnaire). The classification contains three urban categories (labelled Poor, Average and Well-to-do). In addition, a fourth 'rural' category was provided mainly to overcome the difficulty of rating a small community where well-to-do and poorer families live fairly close together. Where the health visitor felt she was unable to assign a neighbourhood to one of these four categories, she was asked to describe the neighbourhood in her own words. This occurred in 11.2% of the sample and these were assigned to the four basic categories by coding staff on the basis of given criteria.

One difficulty associated with subjective ratings is the risk of low inter-rater reliability; to check this a study was designed and carried out in the county of Avon (Osborn and Carpenter, 1980). Two independent ratings were obtained on each of the 322 neighbourhoods selected at random from a street gazetteer of Avon. The Kendall's Tau B rank correlation between the two sets of results was .70 ( $p < .001$ ) which is a satisfactory level of agreement for a rating of this type. One of the principal sources of disagreement between ratings concerned the Well-to-do and Rural categories, with some health visitors clearly rating relatively well-off families living in the country as 'Well-to-do' and others recording this as a 'Rural' situation.

Question H.2 In order to get some impression of the kind of district N lives in, please ring which one of the following descriptions best characterises the district.

1. In this district, houses are closely packed together and many are in poor state of repair. Multi occupation is a common feature, and most families have low incomes.
2. The district consists largely of council houses and flats or less expensive privately owned houses, for example, older terraced houses. Multi-occupation is unusual and families have average incomes. Include 'new towns' here.



3. In this district houses are well spaced and the majority are well maintained. Multi-occupation is rare and most families have higher than average incomes.

4. This district is part of a small market town, rural community or village. Some families may lack basic amenities but others may be fairly well-to-do. It is mainly characterised by the fact that well-to-do and poorer families live fairly close together in the community.

5. If none of these descriptions seem to characterise the district N lives in, please describe in your own words what it is like.

Coders then allocated codes 5-9 from the description given.

E267A Social rating of neighbourhood

Not stated	-3	424	3.2
Poor urban	1	875	6.7
Average urban	2	5515	42.0
Well-to-do urban	3	2802	21.3
Rural	4	2092	15.9
As 1	5	117	.9
As 2	6	802	6.1
As 3	7	152	1.2
As 4	8	311	2.4
Inner urban equivalent of 4	9	45	.3
		-----	-----
	Total	13135	100.0

E267B Social rating of neighbourhood grouped

Not stated	-3	424	3.2
Poor urban	1	1037	7.9
Average urban	2	6317	48.1
Well-to-do urban	3	2954	22.5
Rural	4	2403	18.3
		-----	-----
	Total	13135	100.0

[where 1 = 1+5+9 of VAR E267A, 2 = 2+6, 3 = 3+7, 4 = 4+8]

Question H.3 From the health visitors's knowledge and observations of the child, and where necessary from available records, what is N's intellectual development considered to be?

E268 Childs intelligence - Health Visitor's Opinion

Not stated	-3	301	2.3
Not known	-2	290	2.2
Normal or above average	1	11863	90.3
Slightly backward	2	511	3.9
Definitely backward	3	105	.8
Other	4	65	.5
		-----	-----
	Total	13135	100.0

Question H.4 How well do you know this family?

E269 How well Health Visitor knows family

Not stated	-3	160	1.2
Very well	1	1531	11.7
Fairly well	2	4054	30.9
Slightly	3	3066	23.3
Never in contact before this interview	4	4228	32.2
Other situation	5	96	.7
		-----	-----
	Total	13135	100.0

E271 Date of interview YYMM

Not stated	-3	198	1.5
	7501	4	.0
	7502	5	.0
	7503	655	5.0
	7504	8482	64.6
	7505	2534	19.3
	7506	628	4.8
	7507	202	1.5
	7508	124	.9
	7509	119	.9
	7510	44	.3
	7511	48	.4
	7512	18	.1
	7601	20	.2
	7602	7	.1
	7603	22	.2
	7604	21	.2
	7605	2	.0
	7606	1	.0
	7607	1	.0
		-----	-----
	Total	13135	100.0

## Relationship of informant to N

## E272 Relationship of informant

Not stated	-3	2632	20.0
Mother figure	1	9695	73.8
Father figure	2	106	.8
Mother+father	3	635	4.8
Grandparent	4	61	.5
Sibling	5	4	.0
Other	8	2	.0
		-----	-----
Total		13135	100.0

## Question H.5 Were there any interruptions, distractions or other problems which made interviewing difficult?

## E273 Interruptions

	-3	224	1.7
No, no difficulty	1	8778	66.8
Yes, slight difficulty	2	3538	26.9
Yes, considerable difficulty	3	595	4.5
		-----	-----
Total		13135	100.0

# Child Health and Education in the Seventies

A national study in England, Wales and Scotland of all children born 5th–11th April 1970

Under the auspices of the University of Bristol  
and the National Birthday Trust Fund

Department of Child Health Research Unit  
University of Bristol  
Bristol BS2 8BH

Director: Professor Neville R Butler MD FRCP DCH

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**In association with**

Area Health Authorities in England and Wales  
Health Boards in Scotland

**Co-sponsors**

Health Visitors Association

**CONFIDENTIAL**

## HOME INTERVIEW QUESTIONNAIRE

--	--	--	--	--	--	--	--	--	--

6
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04
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9-11
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12-13
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14-17
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18
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19-29
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30-34
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Health District Code

Child's Local Serial Number

Child's Central Survey Number

Details of child born 5th–11th April 1970

*If twins use separate questionnaire for each Please use block capitals.*

Full name of the Child

Sex

Singleton or twin specify

Date of birth

April 1970

Present home address in full

Address of child's present placement if living away from home *Please specify if hospital residential home etc*

Child's National Health Service Number

NHS Doctor with whom child is registered. *If not registered put NONE*

Name

Full address of practice

Full home address of mother at time she gave birth to child

*If not known put NOT KNOWN If same home address as above put AS ABOVE*

*If born abroad give approximate date child came to live in this country*

Mother's maiden name

*(These details are needed for matching purposes only)*

Address of place of birth *Please specify whether maternity hospital, G P unit, home etc*

### NOTES

- 1 Please read "Survey Notes and Information" in conjunction with this questionnaire
- 2 Throughout the questionnaire the study child is designated by the letter N
- 3 It is important that no question should remain unanswered without explanation

**SECTION A FAMILY COMPOSITION**

**A.1 (a) People in the household**

*A household consists of a group of people who all live at the same address and who are all catered for by the same person.*

List below all the members of this household. Include the study child, N, the present parents and others, e.g. relatives or lodgers, who are members of this household. Exclude any who are only at home for short periods; enter these in table (b) below.

Relationship to N (e.g. father, step-brother) or status in the household (e.g. lodger)	Surname	First name(s)	Sex	Date of birth
1 Study child—N				/ / 70
2.				/ /
3.				/ /
4.				/ /
5.				/ /
6.				/ /
7.				/ /
8.				/ /
9.				/ /
10.				/ /

(b) List below any members of the family not included in the above table, for example those who are only home for holidays or leave, and enquire or state from your own knowledge the reason for absence, for example at residential school or working away.

Relationship to N	Surname	First name(s)	Sex	Date of birth	Reason for absence from home

- A.2 (a)** What is the relationship to N of the person now acting as his/her mother?
- Relationship to N*
- |                             |   |
|-----------------------------|---|
| Natural mother              | 1 |
| Mother by legal adoption    | 2 |
| Stepmother                  | 3 |
| Foster mother               | 4 |
| Grandmother                 | 5 |
| Elder sister                | 6 |
| Cohabitee of father         | 7 |
| Other mother figure specify | 8 |
| No mother figure            | 9 |
- (b) please give reason(s) for any past changes in N's situation, e.g. family changes, mother died, etc.
- (c) If N is not now living with natural mother, i.e. 2-9 ringed, please ask when this situation began.
- |                 |      |
|-----------------|------|
| Month           | Year |
| Situation began |      |

- A.3 (a)** What is the relationship to N of the person now acting as his/her father?
- Relationship to N*
- |                             |   |
|-----------------------------|---|
| Natural father              | 1 |
| Father by legal adoption    | 2 |
| Stepfather                  | 3 |
| Foster father               | 4 |
| Grandfather                 | 5 |
| Elder brother               | 6 |
| Cohabitee of mother         | 7 |
| Other father figure specify | 8 |
| No father figure            | 9 |
- (b) please give reason(s) for any past changes in N's situation, e.g. family changes, father died, etc.
- (c) If N is not now living with natural father, i.e. 2-9 ringed, please ask when this situation began.
- |                 |      |
|-----------------|------|
| Month           | Year |
| Situation began |      |

21-28
30-34

Except in Q's 8.1 to 8.4 and 8.23 where information is specifically required about N's natural mother or father, the terms "father" or "present father" are used to denote the present father figure identified in Q. A.3(a). The terms "mother" or "present mother" are used to denote the present mother figure identified in Q. A.2(a).

## SECTION B MEDICAL HISTORY AND PRESENT HEALTH

**B.1** Enter obstetric details on the study child N and on all liveborn and stillborn children born subsequently to N's natural mother. Include also children no longer living with their natural mother. Record each member of twin pair separately. Exclude miscarriages. (Some children in this table will be included also in table A.1 on page opposite)

Name	Sex	Date of birth	Birthweight—lbs—ozs	Gestation					Method of delivery				Survival
				Over 3 weeks early	At term (37-41 weeks)	Over 2 weeks late	No. known	Other	Caesarian	Other	Not known	Alive now	Died 1 day and over
N		14/70	1 2 3 0	1 2 3 4	5 0 1	1 2 3 4	5 0 1	2 3 4 0	1 2 3 4 0				
---		///	1 2 3 0	1 2 3 4	5 0 1	1 2 3 4	5 0 1	2 3 4 0	1 2 3 4 0				
		///	1 2 3 0	1 2 3 4	5 0 1	1 2 3 4	5 0 1	2 3 4 0	1 2 3 4 0				
		///	1 2 3 0	1 2 3 4	5 0 1	1 2 3 4	5 0 1	2 3 4 0	1 2 3 4 0				
		///	1 2 3 0	1 2 3 4	5 0 1	1 2 3 4	5 0 1	2 3 4 0	1 2 3 4 0				
		///	1 2 3 0	1 2 3 4	5 0 1	1 2 3 4	5 0 1	2 3 4 0	1 2 3 4 0				
		///	1 2 3 0	1 2 3 4	5 0 1	1 2 3 4	5 0 1	2 3 4 0	1 2 3 4 0				

**B.2** How soon after N's birth did the mother first start to have regular contact with N to hold and/or feed not just look at?

- Within 24 hours of birth
- Between 25 and 48 hours after birth
- On the third day or later i.e. more than 48 hrs after birth
- Not known

If on third day or later how many days after N's birth did regular contact start? →

e.g. for third day enter 0 3 if number of days not known enter 9 9

Please give reason(s) for delay in regular contact

---

1	
2	
3	(35)
0	
	<span style="border: 1px solid black; padding: 2px;">  </span> (36,37)
1	
2	(38)
3	
0	
	<span style="border: 1px solid black; padding: 2px;">  </span> (39,40)
1	
2	
3	
4	(41)
5	
0	

**B.3** After regular contact was established was there any period of 24 hours or more during the first month of N's life when mother was not in normal contact with N e.g. to hold and/or to feed?

- No separation(s) of 24 hours or more
- Mother and N out of contact for 24 hours or more
- Cannot remember
- Not known

If separated give total duration of separation in completed days →

e.g. for 2 1/2 days enter 0 2 if number of days not known enter 9 9

Give reason(s) for separation(s)

**B.4** Was N breast fed partly or wholly even for a few days?

- Yes —
  - for less than 1 month
  - for 1 month or more but less than 3 months
  - for 3 months or more
- Yes but cannot remember for how long
- No was not breast fed at all
- Not known

**B.5** At what ages did N receive immunisation against what diseases and where?

Enter everything given for each attendance e.g. if on first attendance given triple and polio, ring 1 2 3, 4. If more than six attendances for immunisation please continue on back page

Attendances	Diseases immunised against										Where given			
	N's age in months	Diphtheria	Tetanus	Whooping-cough	Polio myelitis	Smallpox*	Measles	B C G	Other	Not known	G.P. & Surgery	Child Health Clinic	Other place	Not known
First att.	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6
Second att.	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6
Third att.	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6
Fourth att.	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6
Fifth att.	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6
Sixth att.	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6	7 8 0	1 2 3	4 5 6

B.6 Has N ever been seen at any of the following places for reasons specified and if so at what ages, if known

Ring all that apply in each row

Never seen	Seen at age							Not known if ever seen	
	48m+	36-47m	24-35m	12-23m	6-11m	under 6mth	not known		
At-									
(a) Home by H V for any reason	1	2	3	4	5	6	7	8	0
(b) Child Health Clinic for any reason	1	2	3	4	5	6	7	8	0
(c) G P surgery or health centre for devel screening	1	2	3	4	5	6	7	8	0
(d) Hospital birth follow-up clinic	1	2	3	4	5	6	7	8	0
(e) Assessment Centre or clinic for handicap	1	2	3	4	5	6	7	8	0

62-63

48-49

50-51

B.7 Has N ever been separated from his/her mother or mother substitute for one month or more? Exclude N's hospital admissions and check these are detailed in B.9

Yes  
No  
Not known

1  
2 (52)  
0

If yes give total number of separations of one month or more excluding N's hospital admission(s)

53 54

e.g. if 2 separations enter 0 2 if number of separations not known enter 9 9

Please give details below for all separations of one month or over Exclude all N's hospital admissions If more than three separations, continue on back page.

	First	Second	Third
Age (years and months)			
Reason for separation			
Number of months (and weeks) separated			
Place of care of N?*			
Was the person looking after N known to him/her?			
Was N separated also from father?			

55-59

60-62

\*Place of care State if in child's own home other's home institutional placement, or specify if elsewhere

B.8 Did the mother herself as far as she can remember ever spend more than a short time away from her parents as a child? Ring all that apply

Yes -  
fostered/in care  
other reason(s) specify  
No never spent more than a short time away from parents  
Not known

1  
2 (63)  
3  
0

B.9 Has N ever been in hospital overnight or longer for any reason whatsoever? Exclude initial stay in maternity home/hospital

Yes  
No  
Not known

1  
2 (64)  
0  
65 66

If yes, give total number of hospital admissions overnight or longer

Please give details below for every hospital admission

If more than three admissions continue on back page.

	First	Second	Third
Age (years and months)			
Diagnosis and nature of all special procedures including operations			
Number of nights in hospital			
Name and address of hospital in full			
Type of ward and specify if children only admitted			

67-70

71-73

74-75

76

0 5

B.10 Has N ever attended a hospital outpatient department or any other specialist clinic?

Yes -----  
 No -----  
 Not known -----

1  
 2 (9)  
 0

If yes, please give details below for each condition or illness resulting in attendance(s) at out-patient or specialist clinic.

If more than three conditions or illnesses continue on back page.

	First	Second	Third
Age at first attendance (years and months)			
Total number of attendances			
Diagnosis and treatment			
Name and address of department/hospital or clinic in full			


B.11 Please enquire or state from your own knowledge whether N has been seen by any of the following since the fourth birthday and/or previous to fourth birthday

Ring all that apply in each row. Yes after 4th b day Yes before 4th b day No never Not known

Seen by a general practitioner -					
at surgery/health centre -----	1	2	3	0	(17)
at home visit -----	1	2	3	0	(18)
Seen by dentist -					
for inspection not therapy -----	1	2	3	0	(19)
for filling(s) extraction(s) etc -----	1	2	3	0	(20)
Seen by doctor for routine medical exam					
in nursery or school situation specify -----	1	2	3	0	(21)
Seen by speech therapist -					
age first seen yrs. mths -----	1	2	3	0	(22)
Seen by child guidance clinic -----	1	2	3	0	(23)
age first seen yrs. mths -----					
Problem/diagnosis -----					

\*For medical reasons not for development screening or immunisation

B.12 Has N had any of the following in the past year and/or previous to past year?

Ring all that apply in each row. Yes after 4th b day Yes before 4th b day No never Not known

<b>Operations</b>					
(a) Tonsillectomy or T's & A's	1	2	3	0	(24)
(b) Adenoidectomy alone	1	2	3	0	(25)
(c) Circumcision	1	2	3	0	(26)
(d) Hernia operation	1	2	3	0	(27)
(e) Appendicectomy	1	2	3	0	(28)
(f) Any other operation namely -----	1	2	3	0	(29)
<b>Medical Conditions</b>					
(g) Eczema	1	2	3	0	(30)
(h) Hay fever or sneezing attacks	1	2	3	0	(31)
(i) Ear discharge (pus not wax)	1	2	3	0	(32)
(j) Repeated sore throats requiring medical attention	1	2	3	0	(33)
(k) Habitual snoring or mouth breathing	1	2	3	0	(34)
(l) Bronchitis	1	2	3	0	(35)
(m) Pneumonia	1	2	3	0	(36)
(n) Meningitis or encephalitis	1	2	3	0	(37)
(o) Hearing difficulty (suspected or confirmed)*	1	2	3	0	(38)
(p) Any vision problem (except squint) (suspected or confirmed)*	1	2	3	0	(39)

\*If any suspected or confirmed hearing or eyesight problem please circle the number



B 13 Were there any of the following difficulties with N when he/she was a baby (i.e. under 8 months of age)?

	Yes	No	Not known	
(a) Excessive crying	1	2	0	(40)
(b) Frequent feeding problems	1	2	0	(41)
(c) Frequent sleeping difficulty at night	1	2	0	(42)

B 14 Has N ever had an accident requiring medical advice or treatment?  
Please include accidents in the road, home and elsewhere, accidental ingestion of medicines/poisons, burns/scalds, fractures, eye injuries, near-drowning, bad cuts and other injuries with or without unconsciousness and non-accidental injuries.

Ring all that apply

Yes -

- accidental swallowing of medicines or poisons
- burn(s) scald(s)
- road traffic accident(s)
- Accident resulting in unconsciousness
- other accidents

No accident

Not known

- 1
- 2
- 3
- 4
- 5
- 6
- 0

If yes, please state total number of accidents specified above →

e.g. if 3 accidents enter

(45, 46)

Please give details of every accident.  
Check that all accidents resulting in hospital admission or outpatient/casualty attendance are also included in B 9 and B 10 respectively. If more than four accidents continue on back page.

	First	Second	Third	Fourth
Age (years and months)				
Where did it happen? (Road, home, school, etc.)				
What happened?*				
Description of injuries (e.g. burn/scald, fracture, head injury with unconsciousness, etc.)				
Part(s) of body involved (head, eyes, limbs, etc.)				
Where treated? (G.P., Casualty, Inpatient)				
Treatment including stitches, operation(s), plaster cast(s), traction, etc.				
Name and address of hospital in full if attended or admitted				

\*If ingestion of medicines/poisons, give name of substance

B 15 Has N ever had one or more attacks or bouts in which he/she had wheezing on the chest, regardless of the cause?

- Yes
- No
- Not known

- 1
- 2 (54)
- 0

If yes, please complete the following details

- (a) Age at first or only attack in which he/she wheezed on the chest: years  months
- (b) How many attacks occurred:
  - (a) in first 12 months of life? →
  - (b) between first and fourth birthdays? →
  - (c) since fourth birthday? →
- (c) Number of times ever admitted to hospital with any wheezing in the chest, whatever the cause →
- (d) Please describe what the mother was told about the diagnosis in her own words:

- 
- (58, 59)
- (60, 61)
- (62, 63)
- (64, 65)
- 

Check whether there have been any hospital admission(s) or out-patient attendance(s) for the above; if so, make sure they are included in B 9 and B 10 respectively.

B 16 Has N ever had any form of convulsion fit seizure or other turn in which consciousness was lost or any part of the body made abnormal movements?

Yes ..... 1  
 No never ..... 2 (67)  
 Not known ..... 0

If yes

(a) from health visitor's and mother's knowledge and from records if possible please give the most accurate diagnosis of the attack(s)

Ring all that apply

Epilepsy ..... 1  
 Febrile convulsion(s) ..... 2  
 Fainting blackout(s) ..... 3  
 Other diagnosis namely ..... 4  
 Not known ..... 0

62.69

(b) please ask mother to describe the first attack

(i) form it took

(ii) how soon seen by G.P. or admitted if at all

(c) please ask mother to describe subsequent attack(s) if any

(i) form they took if different from above

(ii) investigations if any

(iii) medication and dates

(d) give number of convulsions fits or seizures in each agegroup specified below

	First four weeks	1-12 months	Over 1 yr under 2	Over 2 under 3	Over 3 under 4	Over 4 years
Number of attacks						

76-77

77-78

Check whether there have been any hospital admission(s) or out-patient attendance(s) for the above if so make sure they are included in B 9 and B 10 respectively

B 17 Has N ever worn or been prescribed glasses?

Yes -  
 still has to wear them ..... 1  
 but does not have to wear them now ..... 2 (76)  
 No ..... 3  
 Not known ..... 0

B 18 Has N ever had a squint?

Yes -  
 now ..... 1  
 in past but not now ..... 2  
 No never ..... 3 (77)  
 Not known ..... 0

If yes what treatment was given?

Ring all that apply

Medical advice - No treatment needed ..... 1  
 Patch over one eye ..... 2  
 Glasses ..... 3  
 Eye exercises ..... 4  
 Operation ..... 5  
 Treatment advised but not known what ..... 6  
 Never attended for advice or treatment ..... 7  
 Not known ..... 0

78-79

B 19 Has N ever had a stammer or stutter or any other difficulty with speech?

	Stammer or stutter	Other speech difficulty
Yes at present--		
mild	1	1
severe	2	2
Yes in past but not now	3	3
No	4	4
Not known	0	0

80-81

81-82

06

B 20 Do people outside N's household easily understand what he/she says?  
If N's main language not English ring 1

- N's main language not English --
- All or nearly all of N's speech is understood outside immediate family
- Some of N's speech understood outside immediate family ---
- Hardly any of N's speech understood outside immediate family -- -- --
- N's speech understood only by immediate family --
- Even immediate family have difficulty in understanding N's speech --
- Other answer namely
- Not known if others understand N

1  
2  
3  
4  
5  
6  
7  
0

(11)

B 21 From the health visitor's knowledge observation and from records has N ever been diagnosed as having any congenital abnormality or suspected congenital abnormality?

Ring all that apply

- Yes -
- Mongol
- Spina bifida (meningomyelocele)
- Hydrocephalus -- --
- Hare-lip
- Cleft palate
- Congenital heart condition (diagnosed)
- Suspected congenital heart condition (murmur etc)
- Skin naevus (portwine strawberry etc)
- Any other congenital abnormality specify
- --
- No none of the above --

1  
2  
3  
4  
5  
6  
7  
8  
9  
0

12-14

If yes please describe abnormalities

B 22 From the health visitor's knowledge and observations and where necessary from available records does N have any physical or mental disability or handicap or any other condition interfering with normal everyday life or which might be a problem at school?

Yes -

- but no real handicap
- mild handicap
- severe handicap
- No disability or handicap
- Not known

1  
2  
3  
4  
0

15

If yes (a) please give following details

Actual diagnosis

Effect on home or school life if any

16

(b) indicate into which of the following categories the condition handicap or disability falls

Ring all that apply

- Visual defect --
- Hearing defect
- Speech defect --
- Mental handicap or disability --
- Emotional problem --
- Motor/locomotor problem --
- Respiratory problem
- Severe congenital condition --
- Severe acquired condition (e.g. malignancy) --
- Other condition specify --
- -- -- --

1  
2  
3  
4  
5  
6  
7  
8  
9  
0

17-19

B 23 Has N's natural mother or natural father or any brothers or sisters of N's ever had any of the following?

Ring all that apply in each column

	Natural mother	Natural father	Sibling(s)
Asthma	1	1	1
Hayfever	2	2	2
Eczema	3	3	3
Late reader i.e. not reading by 7 years	4	4	4
Poor reader or non reader at present	5	5	5
Convulsion(s) or fit(s)	6	6	6
Bedwetting after 5 years of age	7	7	7
Late in learning to speak	8	8	8

20-22

23-24

25-26

SECTION C TELEVISION VIEWING AND READING

C.1 Does N ever watch television at home?

- Yes -
- almost every day -- -- -- 1
  - occasionally -- -- -- 2 (29)
  - No never -- -- -- 3
  - Not known -- -- -- 0

If N never watches TV proceed to C.8

C.2 Complete the following details of N's television viewing at home in the past seven days by ringing all appropriate numbers for each day. Start with yesterday and go back day by day through the week.

Ring all that apply for each day

	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Morning (e.g. before 1 pm)	1	1	1	1	1	1	1
Early afternoon (e.g. 1 pm-4 pm)	2	2	2	2	2	2	2
Late afternoon (e.g. 4 pm-6 pm)	3	3	3	3	3	3	3
Early evening (e.g. 6 pm-9 pm)	4	4	4	4	4	4	4
Late evening (e.g. after 9 pm)	5	5	5	5	5	5	5
Did not watch TV that day	6	6	6	6	6	6	6
Not known	0	0	0	0	0	0	0

C.3 Give total number of hours N watched each day in the past seven days

Mon	Tue	Wed	Thur	Fri	Sat	Sun

Enter hours watched

Enter 0 for any day on which N watched TV under 1 hour or not at all. If not known on any day enter NK

- Is this the usual amount of TV N watches?
- Yes -- -- -- 1
  - No -- -- -- 2 (51)
  - Not known -- -- -- 0

If no, how many hours a day on average does he/she usually watch TV?  (52)

If less than 1 hour a day enter 0

C.4 What types of TV programmes does N watch at home?

Ring all that apply

- Children's programmes (e.g. Playschool, Sesame Street, etc.) -- 1
- Cartoons -- 2
- Thriller/dramatic programmes (e.g. cowboy, gangster, science fiction, war films, etc.) -- 3
- Comedy programmes/series -- 4
- Competition/quiz programmes (e.g. Double Your Money, Golden Shot, etc.) -- 5
- Sport -- 6
- News programmes -- 7
- Documentary programmes (e.g. animal, travel, films, etc.) -- 8
- Other types of programmes, please give details -- 9

C.5 Which is N's favourite TV programme?

Specify title or series N likes best

C.6 Ring in column A all who have read to N at home at least once in the past 7 days. Ring in column B the one person who reads to N most often.

	A	B
Mother	1	1
Father	2	2
Other adults specify	3	3
Child(ren) 11 and over	4	4
Child(ren) under 11	5	5
Nobody read to child	6	6
Not known	0	0

C.7 On how many days has N been read to at home in the past 7 days?

If not read to in past 7 days enter 0. If not known enter 9

- Is this the usual amount N is read to at home?
- Yes -- -- -- 1
  - No -- -- -- 2 (62)
  - Not known -- -- -- 0

If no, how many days a week is he/she usually read to?

**SECTION D NURSERY, PLAYGROUP AND SCHOOL EXPERIENCE**

- D.1 A.** Ring in the first column **A** any school, playgroup or nursery placements **N** attends at the present (or attended last term if at present on holiday) If currently attending more than one ring all he/she attends in column **A**.
- B** Ring in the second column, **B** all other placements attended previously for three months or longer that he/she has since stopped attending *Ring all that apply in both columns*

	A Present placement(s)	B Previous placement(s)
Nursery school—		
Local Education Authority (free)	1	1
Private (fee charged)	2	2
Nursery class attached to infant/primary school—		
Local Education Authority (free)	3	3
Private (fee charged)	4	4
Normal school full or part time—		
Infant/primary school (L E A)	5	5
Independent/private	6	6
Playgroup	7	7
Special day school nursery or unit for physically or mentally handicapped children	8	8
Day nursery—		
Local Authority	9	9
Private	10	10
Creche kindergarten	11	11
Mother and toddler club	12	12
Sunday school	13	13
Other placement please specify	14	14
Attends/attended none of these	15	15
Not known	0	0

*If child has attended none of the above in the past or at the present proceed to D 10.*

*If child is attending, or has attended any of the above, please complete D 2 onwards. Do not give further details of mother and toddler club or Sunday school.*

- D 2 Present placement — A**
- Name and address in full of the place **N** attends at present or if on holiday attended last term (if child currently attends more than one place please give details of the main one)
- Designation of main place **N** attends now i.e. as specified in D 1 A
- Name of place **N** attends now
- Full postal address
- Name of head teacher supervisor etc

- D 3 Previous placement — B**
- Name and address in full of place **N** has attended previously that he/she has since stopped attending. (If the child has attended more than one place previously for three months or longer give details of the one he/she left most recently)
- Designation of previous place **N** attended i.e. as specified in D 1 B
- Name of previous place **N** attended
- Full postal address
- Name of head teacher supervisor etc

*The following questions D 4 to D 8 refer to A— the present placement and B— the previous placement as identified above*

- D 4 Type of premises **N** attended for present and previous placements**

	A Present placement	B Previous placement
Normal school or nursery premises	1	1
Village or community hall	2	2
Church hall	3	3
Private house	4	4
Nursery in factory/industrial premises	5	5
Other kind of premises, please specify	6	6
Not known	0	0

7A-7A

7B-7A

7A-7A

7A-7A

7A-7A

7A-7A

7A-7A

07

D 5 (a) At what age did N start attending

A - present placement?  
 B - previous placement?

years	months

(b) At what age did N stop attending the previous placement?

(c) What was the main reason he/she stopped attending the previous placement?

D 6 Days and periods of N's attendance

Ring the appropriate numbers under each day of the week to show whether N attended in the morning afternoon or both. Enter in the last column the average length of a morning or afternoon session in hours.

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hours attended per session	
A - Present placement	Morning	1	2	3	4	5	6	7	hrs
	Afternoon	1	2	3	4	5	6	7	hrs
B - Previous placement	Morning	1	2	3	4	5	6	7	hrs
	Afternoon	1	2	3	4	5	6	7	hrs

D 7 Has the mother noticed any changes in N felt to be due to his/her attendance at present or previous placements?

Yes change noticed  
 No no change  
 Not attended long enough to say  
 Cannot say  
 Not known

	A Present placement	B Previous placement
1	1	1
2	2	2
3	3	3
4	4	4
0	0	0

If yes what kind of changes have you noticed? If only one or two are mentioned ask are there any other changes in him/her you have noticed?

A - Present placement

B - Previous placement

D 8 Has mother regularly taken part or helped in any way in the place(s) N attended? (e.g. looking after the children helping with the administrative side or in other ways)

Yes-  
 at least once a week  
 1-3 times a month  
 once or twice a term  
 less than once a term  
 No-  
 Mother's help was not required  
 mother was busy doing other things  
 mother preferred not to take part  
 Child not attended long enough to say  
 Other reply please give details  
 Not known

	A Present placement	B Previous placement
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
0	0	0

If mother has taken part please describe what it was she did

If only one or two things mentioned ask were there any other things you did?

A - Present placement

B - Previous placement

11

12-14

15-17

18-19

20-23

24-27

28-31

32-35

36-37

38-39

40-43

44

45

D 9 Have N's mother and/or father met the head teacher supervisor or other staff from the present placement either before or since N started? (e.g. to discuss his/her settling down N's school entry or anything else concerning N)

Ring all that apply in each column

	Before N started		Since N started	
	Mother	Father	Mother	Father
1	1		1	1
2		2	2	2
3	3		3	3
4	4		4	4
5	5		5	5
6	6		6	6
0	0		0	0

Yes met staff to discuss N—  
 at school playgroup etc  
 at parents home  
 elsewhere  
 No never met staff  
 No mother figure/no father figure  
 N has no present placement  
 Not known

If yes who initiated the meeting(s)?

Ring all that apply

Parents

Staff

Other reply give details

Cannot say

1  
2  
3 (50)  
0

D 10 If N is not at present attending infant/primary school (LEA or private) please give name and address of the school mother expects him/her to attend later  
 If mother does not know which infant/primary school N is to attend put NOT KNOWN

(a) Name of infant/primary school

Full postal address

-

Name of head teacher

(b) When does the mother expect N to start attending this infant/primary school?

Summer term 1975

Autumn term (September) 1975

Other date please specify

Cannot say

1  
2 (52)  
3  
0

D 11 Irrespective of whether or not N attended did the mother ever have his/her name down on a waiting list to go to a playgroup nursery school or class or day nursery?

Yes— Ring all that apply

had name down on at least one waiting list for nursery school/class or playgroup

had name down on waiting list for day nursery

No name has never been on a waiting list

Cannot remember

1  
2 (53)  
3  
0

D 12 Has N ever been regularly looked after during the day in someone else's house for three months or longer? (For this purpose regularly is taken as two or more hours weekly)

Ring all that apply

Yes—

by a friend or neighbour

by paid child minder

by relative

by other person please specify

No never

Not known

1  
2  
3  
4 (54)  
5  
0

If yes give age in completed years N was first regularly looked after in someone else's house →

If under one enter 0 if 3½ years enter 3 if age not known enter 9

(56)

**SECTION E EDUCATION AND OCCUPATION OF PARENTS**

**E.1 Educational or occupational qualifications of present parents** *Ring all that apply in both columns*

	Mother	Father
Qualifications in shorthand and/or typing trade apprenticeships or other vocational training e.g. State Enrolled Nurse (SEN) or Enrolled Nurse (Scotland) hairdressing diploma etc	1	1
G.C.E. O level S.C.E. O grade Certificate of Secondary Education (CSE) City and Guilds Intermediate Technical Certificate City and Guilds Final Craft Certificate -- -- -- --	2	2
G.C.E. A level High School Certificate (HSC) Higher Grade of Scottish Leaving Certificate (SLC) Ordinary National Diploma/Certificate (OND) City and Guilds Final Technical Certificate Higher Grade of Scottish Certificate of Education (SCE) -- -- --	3	3
State Registered Nurse (SRN) or Registered Nurse (Scotland)	4	4
Certificate of Education (Teachers) Teaching Qualification (Primary/Secondary Education in Scotland)	5	5
Degree (e.g. BSc BA PhD) Higher National Diploma/Certificate (HND HNC) Membership of Professional Institution (e.g. FCA FRICS MIMechE MIEE etc.) City and Guilds Full Technical Certificate	6	6
Other qualifications please specify	7	7
No qualifications -- -- --	8	8
Not applicable no mother or no father figure	9	9
Qualifications not known	0	0

17-18

40-42

63,64

**E.2 At what age did the present parents leave school?**

- (a) Age mother left school .. years
- (b) Age father left school .. years

63,64

**E.3 How many completed years of full-time education did the present parents have after leaving school?** (e.g. at college of education at polytechnic at university etc.) *If none put NONE*

- (a) Mother number of years .. years
- (b) Father number of years .. years

67

68

**E.4 Occupation of present father**

*E 4 to E 6 refer to the father or father substitute including foster father adoptive father stepfather or any other father substitute*

*If N has no father or substitute father now please ring 8 in E 4 and proceed to E 8.*

(a) What is the father's actual job occupation trade or profession or the last occupation if unemployed or retired? *Full and precise details of occupation are required. See "Survey Notes and Information"*

Actual job ---

(b) What is the industry or business in which the father is engaged? *Give details of goods materials or services. See "Survey Notes and Information"*

Type of industry

(c) Father's employment status

- Self Employed
  - With 25 or more employees ..
  - With less than 25 employees
  - Without employees other than family workers
- Employed
  - In managerial position
  - As foreman supervisor chargehand etc
  - Not in supervisory role
- Other
  - Unemployed sick etc
  - Please describe situation ..
- No father figure ..
- Not known please explain situation ..

69

70

1-5

1  
2  
3  
4  
5  
6  
7  
8  
9  
0

0 8



E 5 Do any of the following apply?

	Never or hardly ever	Sometimes	Often	Not known	
(a) Father away evenings until after N has gone to bed	1	2	3	0	(9)
(b) Father away most of Saturday and/or Sunday	1	2	3	0	(10)
(c) Father works away for long periods (i.e. a month or more at a time)	1	2	3	0	(11)
(d) Father works overnight	1	2	3	0	(12)
(e) Father works shifts	1	2	3	0	(13)

E 6 For how many weeks has the father been off work in the past 12 months through illness or unemployment or for other reasons?

e.g. if off work 9 weeks enter   If never off work enter   if not known enter

Number of weeks off work through	(a) Illness or accident	(b) Unemployment	(c) Other reasons give details	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	(14,15)
	<input type="text"/>	<input type="text"/>	<input type="text"/>	(16,17)
	<input type="text"/>	<input type="text"/>	<input type="text"/>	(18,19)

E 7 When the present father left school what was his own father's job?  
See Survey Notes and Information If occupation not known put NOT KNOWN

- (a) Actual job
- (b) Type of industry

E 8 When the present mother left school what was her own father's job?  
See Survey Notes and Information If occupation not known put NOT KNOWN

- (a) Actual job
- (b) Type of industry

E 9 Does present mother have a job either out of the home or at home or is she a full time housewife?

- Mother works out of the home -
- regularly full time or part time employment including evenings overnight or weekends
- occasionally casual or freelance worker obtaining work on a day-to-day basis or seasonally e.g. fruit picking etc
- Mother works at home -
- regularly family business e.g. shop farm boarding house clerical work for a self employed husband home industry i.e. working for a firm of manufacturers at home etc.
- occasionally seasonal work done at home e.g. holiday bed and breakfast business
- Full time housewife no other kind of work
- Other work situation please give details
- Not known
- If mother works regularly at home or out of the home (i.e. coded 1 or 3 in E 9) at the present time please complete E 10 onwards
- If mother is now a full-time housewife or only works occasionally (i.e. coded 2, 4 or 5 in E 9) please proceed to E 17 on next page.

E 10 Describe mother's present job See Survey Notes and Information

- What is her actual job? (e.g. shop assistant teacher assembly line worker typist stitcher etc)
- (b) What type of industry or business does she work in? (e.g. greengrocery infant school tobacco insurance glove-making etc)
- (c) What kind of position does mother occupy at work?
- 1 Managerial
- 2 As forewoman or supervisor etc
- 3 Not in supervisory position
- 4 Works at home  (22)
- 5 Other please specify
- 0 Cannot say/not known
- (d) How many years has mother been doing this job? (Ignore short breaks for pregnancies or illness)
- If 4 1/2 years enter   If under one year enter   if not known enter
- Number of years
- (25,26)

E.11 Please show in the table below the times (giving a.m. or p.m.) the mother started and finished work and the total hours worked each day last week. If not working last week, give details of the last week worked.

	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
Time started							
Time finished							
Total hours worked*							

\*Include meal breaks as part of the working period. Enter 0 for any day not worked.

27-31

28-30

37-40

E.12 Does mother work these hours regularly every week?

- 1 Yes every week the same
- 2 No mother works a shift system
- 3 No set pattern of work hours or days worked vary
- 4 Other reply please give details
- 0 Cannot say

1  
2  
3 (41)  
4  
0

E.13 Please give average travelling time to and from work

- (a) travelling to work .. .. . hours .. .. . mins
- (b) returning home .. .. . hours .. .. . mins

If works at home put AT HOME

42-43

E.14 When mother is at work is N usually looked after at home or away from home? (If N is sometimes looked after at home and sometimes away from home ring where he/she is mainly looked after)

- 1 Looked after at home
- 2 Looked after away from home
- 3 Varies
- 0 Cannot say

1  
2 (44)  
3  
0

E.15 Who looks after N during mother's working hours? Ring all that apply

- 1 N's father
- 2 Mother at home
- 3 Accompanies mother to work
- 4 Adult relative e.g. grandparents aunt etc.
- 5 Older sibling
- 6 Paid childminder
- 7 Friend or neighbour (not paid)
- 8 Local authority day nursery
- 9 Day nursery run by an employer or private individual(s)
- 10 School nursery school or class or playgroup
- 11 Some other person or place namely
- 0 Not known

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

If more than one who mainly looks after N during mother's working hours?

45-46

E.16 Please ask the mother if she could say what are the main reasons she works. (If for money' ask "what is money mainly spent on?") Ring all that apply

- 1 Financial necessity (e.g. contribution to housekeeping or rent, clothes etc.) .. .. .
- 2 Financial advantage (e.g. savings holidays household appliances luxuries car to gain independence etc.) .. .. .
- 3 Social reasons (e.g. for company making friends, relief of boredom keep you young etc.) .. .. .
- 4 Career/enjoys the work .. .. .
- 5 Other reasons, describe .. .. .

51-52

If more than one reason given ask, "which of these is the most important reason" and write in

53

E.17 Has mother had a regular full-time or part-time job out of the home since the time of N's birth which she subsequently gave up?

Ring all that apply

- 1 Yes - full time job(s) .. .. .
- 2 part-time job(s) .. .. .
- 3 No never had a job out of the home since N's birth .. .. .
- 4 Other reply give details .. .. .
- 0 Not known .. .. .

54

If yes, give total time worked since N's birth in completed years (exclude present job if any)

55 (56)

If worked under one year enter 0

**SECTION F THE HOME AND SOCIAL ENVIRONMENT**

**F 1 What accommodation is occupied by this household?**

- Whole detached house or bungalow ..... 1
- Whole semi-detached house or bungalow ..... 2
- Whole terrace house (including end of terrace) ..... 3
- Flat/maisonette (self-contained) ..... 4 (56)
- Rooms (non self-contained flat) ..... 5
- Other please give details ..... 6

If Flat or Rooms, give the lowest floor on which rooms are situated

If on ground floor or basement enter

Floor   (57 58)

**F 2 Is the accommodation owned or rented by the household?**

- Owned outright ..... 1
- Being bought ..... 2
- Rented from Council ..... 3
- Privately rented - unfurnished ..... 4 (59)
- Privately rented - furnished or partly furnished ..... 5
- Tied to occupation of father ..... 6
- Other situation please give details ..... 7

**F 3 Does the household have sole use or share with another household or lack any of the following amenities?**

	Sole use	Shared use	None available	
(a) Bathroom	1	2	3	(60)
(b) Indoor lavatory	1	2	3	(61)
(c) Outdoor lavatory	1	2	3	(62)
(d) Hot water supply	1	2	3	(63)
(e) Garden or yard	1	2	3	(64)
(f) Kitchen	1	2	3	(65)

**F 4 How large is the kitchen and is it used for living in (e.g. for having meals in)?**

- Less than 6 feet wide -
- Not used for living in ..... 1
- Used for living in ..... 2
- 6 feet or more wide -
- Not used for living in ..... 3 (66)
- Used for living in ..... 4
- No kitchen ..... 5
- Not known ..... 0

**F 5 How many rooms are there within the accommodation? (Include all rooms except kitchen bathroom toilet and any rooms used solely for business purposes. For complete definition see Survey Notes and Information.)**

Number of rooms   (67 68)

**F 6 Does N share a bedroom with others?**

- Yes ..... 1
- No ..... 2 (69)
- Not known ..... 0

If yes how many sleep in the same room  (70)

**F 7 Does N share a bed with others?**

- No ..... 1
- Yes -
- with one other ..... 2
- with two others ..... 3 (71)
- with more than two others ..... 4
- Not known ..... 0

**F 8 Which of the following does the family have?**

- Ring all that apply*
- Refrigerator ..... 1
  - Washing machine ..... 2
  - Spin dryer ..... 3
  - Colour T V ..... 4
  - Black and White T V ..... 5
  - Van or car ..... 6
  - Telephone ..... 7  09

F 9 In the past seven days has anyone helped mother at all with any of the following? (Include father, members of the household, friends, neighbours, relatives and paid help)

*Ring all that apply in each row*

	Yes father	Yes others	No	Not known	
(a) Housework/shopping .....	1	2	3	0	(9)
(b) Looking after N for part of the day while mother shops attends appointments does housework etc. ....	1	2	3	0	(10)
(c) Babysitting in the evening .....	1	2	3	0	(11)
(d) Putting N to bed .....	1	2	3	0	(12)
(e) Taking N to school/nursery/playgroup etc. ....	1	2	3	0	(13)

F 10 In the past 7 days has N done any of the following with others or by him/herself

*Ring all that apply in each row*

	Yes with adult(s)	Yes with child(ren) by self	No	Not known		
(a) been to a friend's or relative's house .....	1	2	3	4	0	(14)
(b) been to a park recreation ground adventure playground.....	1	2	3	4	0	(15)
(c) been on a bus or train .....	1	2	3	4	0	(16)
(d) been to the shops launderette etc. ....	1	2	3	4	0	(17)

F 11 Indicate to which of the following broad ethnic categories N and the present parents belong.

	N	Mother	Father
European (U K) .....	1	1	1
European (other) .....	2	2	2
West Indian .....	3	3	3
Indian/Pakistani .....	4	4	4
Other Asian .....	5	5	5
African .....	6	6	6
Other specify .....	7	7	7
Not known .....	0	0	0

1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
0	0	0

F 12 What language is mainly used with N in the home?

English .....	1	
Other language namely .....	2	(21)
Not known .....	0	

F 13 How many times has N moved since birth?

If no moves enter   If not known enter

Number of moves →   (22 23)

F 14 Has N ever been in any of the following situations?

*Ring all that apply in both columns*

	Now	In the past but not now
In care * (voluntary or statutory) in -		
fosterparents home .....	1	1
assessment centre .....	2	2
family group home .....	3	3
children's home .....	4	4
In Part III accommodation .....	5	5
In homeless family unit .....	6	6
None of the above .....	7	7
Not known if any of above .....	0	0

\*For each 'in care' situation please give the following details.

Name & address of home centre etc. if known	Local Authority or Voluntary Society	Age when first entered this situation	Length of stay	Reason N in care

F 15 From your knowledge and anything you have learned from the interview, has anyone in the household since N's birth had contact with any statutory or voluntary social work or welfare organisations? (For example, Social Services or Social Security Departments, Probation Service, etc.)

Yes .....	1
No .....	2 (28)
Not known .....	0

If yes, give details .....

**SECTION G FAMILY HEALTH AND SMOKING**

**G.1** Has anyone in N's household since N's birth had any severe or prolonged illness (medical surgical or psychiatric) or any handicap or disability? *Ring all that apply*

- Yes—  
 mother  
 father  
 other adult in household  
 child in household (excluding N)  
 No none  
 Not known

1  
 2  
 3   
 4  29,30  
 5  
 0

If yes please give the following details for each member of the household concerned

Relationship to N	
Diagnosis or nature of condition	
Date of onset	
Duration of condition (years and months)	
Outcome (i.e. recovered died condition still present)	
In what way if any has condition caused any interference with N's everyday care?	

**G.2 (a)** Do either N's mother or father smoke at all at present? (Cigarette smoking is defined as smoking an average of one or more cigarettes a day)

*Ring all that apply in both columns*

	Mother	Father
No. is non smoker .. .. .	1	1
Yes — smokes cigarettes	2	2
smokes pipe or cigars	3	3
Not known if smokes, .....	0	0

If smokes cigarettes how many are smoked per day on average?

If not known how many enter  Average number smoked Mother →  
 Father →

(33 34)  
 (35 36)

(b) Irrespective of whether or not N's mother or father smoke at present for how many years since N's birth have they smoked cigarettes if at all?

	Mother	Father
During the period since N's birth — Smoked all the time .. .. .	1	1
Smoked for more than 3 years .. .. .	2	2
Smoked for between 1 and 3 years .. .. .	3	3
Smoked for less than 1 year .. .. .	4	4
Smoked but not know for how long .. .. .	5	5
Non-smoker all the time .....	6	6
Not known if smoked at all .. .. .	0	0

From interviewer's and mother's knowledge or any other source has N ever previously had any special test(s) of progress in connection with a follow-up of the British Births Survey or any other study of child development?

- No ..... 1  
 Yes ..... 2  
 Not known ..... 0

If yes please complete details below

Age(s) of N	Name of study, if known	Where tested and by whom
.....	.....	.....
.....	.....	.....

Relationship of informant to N

- Mother ..... 1  
 Father ..... 2 (40)  
 Other specify ..... 3

**END OF INTERVIEW**

Please thank the mother for her help in this confidential enquiry. When doing so please mention that the study will be continued in the nurseries, playgroups, hospitals and other places already attended by the children taking part. We will also record the results of screening tests and medical examinations undergone by the children to complement the information that the mother has so kindly given.

If there are any further points the mother would care to add concerning N or the survey we would be grateful if these could be noted on the back page.

**SECTION H TO BE COMPLETED AFTER THE INTERVIEW IS OVER**

Please complete H 1 to H 5 from your knowledge and any impression you have gained during the interview

H 1 Please ring the descriptions which you feel best characterise the home and relationship of family with neighbours

(a) Furniture/equipment in home		(b) Tidiness of home		(c) Relationship of family with neighbours	
Luxurious	1	Over tidy	1	Very good terms	1
Well equipped	2	Very tidy	2	Good terms	2
Adequate	3	Average	3	Satisfactory	3
Low standard	4	Untidy	4	Dontmix	4
Very low standard	5	Chaotic	5	Bad terms	5
Can't assess	0	Can't assess	0	Can't assess	0

4-3

H 2 In order to get some impression of the kind of district N lives in please ring which one of the following descriptions best characterises the district

- 1 In this district houses are closely packed together and many are in poor state of repair. Multi-occupation is a common feature and most families have low incomes.
- 2 This district consists largely of council houses and flats or less expensive privately owned houses for example older terrace houses. Multi-occupation is unusual and families have average incomes. Include new towns here.
- 3 In this district houses are well spaced and the majority are well maintained. Multi-occupation is rare and most families have higher than average incomes.
- 4 This district is part of a small market town, rural community or village. Some families may lack basic amenities but others may be fairly well to do. It is mainly characterised by the fact that well-to-do and poorer families live fairly close together in the community.
- 5 If none of these descriptions seem to characterise the district N lives in please describe in your own words what it is like.

1  
2  
3 (44)  
4  
5

H 3 From the health visitor's knowledge and observations of the child and where necessary from available records what is N's intellectual development considered to be?

- 1 Normal or above average
- 2 Slightly backward
- 3 Definitely backward
- 4 Other situation please describe
- 0 Insufficient information

1  
2  
3 (45)  
4  
0

If at all backward in intellectual development give any relevant diagnosis and details of assessment procedure(s) or investigations if any

H 4 How well do you know this family?

- 1 Very well
- 2 Fairly well
- 3 Slightly
- 4 never in contact before this interview
- 5 Other situation please describe

1  
2  
3 (46)  
4  
5

H 5 Were there any interruptions, distractions or other problems which made interviewing difficult?

- 1 No, no difficulty
- 2 Yes, slight difficulty
- 3 Yes, considerable difficulty

1  
2 (47)  
3

If yes please describe any difficulty

H 6 What procedure was adopted for the completion of the Maternal Self-completion Questionnaire?

- 1 Questionnaire left with mother and collected after completion
- 2 Mother completed it without help during the home interview
- 3 Mother completed it with some help from the interviewer
- 4 Interviewer read out all the questions for mother to respond
- 5 Other procedure

1  
2  
3 (48)  
4  
5

If 3, 4 or 5 ringed please give reason(s) e.g. mother couldn't read etc

Date of interview -----

25-3

Name of Health Visitor conducting the interview -----

Employing Area Health Authority/Health Board -----

37-38

Health District if applicable -----

**Please note below**

- (i) any other relevant information which you feel has not already been brought out in the interview form
- (ii) any comments or observations by the General Practitioner if he so wishes
- (iii) any further details about questions if insufficient space earlier in questionnaire

**H 7 Please indicate degree of completeness of the documents**

	Fully completed	Partly completed	Not completed	If not fully completed give reason(s)
Home Interview Questionnaire	1	2	3	
Maternal Self Completion Questionnaire	1	2	3	
Test Booklet	1	2	3	

**We are most grateful for the time you have given. Thank you for your help.**

REC'D  
MAY 19 1962  
MAY 19 1962  
MAY 19 1962

# THE 1970 BIRTH COHORT

DATA DEPOSITED WITH THE  
ESRC DATA ARCHIVE

(F) 5-YEAR FOLLOW-UP:  
TEST BOOKLET

DOCUMENT PREPARED BY:  
INSTITUTE OF CHILD HEALTH  
UNIVERSITY OF BRISTOL  
BRISTOL



THE 1970 BIRTH COHORT

5-YEAR FOLLOW-UP

TEST BOOKLET

DESCRIPTION OF DATA DEPOSITED

WITH THE ESRC DATA ARCHIVE

BY

DIVISION OF EPIDEMIOLOGY

DEPARTMENT OF CHILD HEALTH

UNIVERSITY OF BRISTOL

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## PART I. REASONS FOR THE 5-YEAR SURVEY

The purpose of the 5-year survey was to review and evaluate pre-school health, care and education services throughout Britain as experienced by the cohort of children born during the week 5-11 April 1970.

The main findings from the survey are published in two reports covering the social (Osborn, Butler and Morris, 1984) and health (Butler and Golding with Howlett, 1986) aspects of the children's lives. The following notes on the survey methods are extracted from the report by Osborn, Butler and Morris (1984) from which further details can be obtained.

### Tracing the children

The children in England and Wales were traced through the cooperation of the registration division of the Registrar General's Office (RGO), the National Health Service Central Register (NHSCR) and Family Practitioner Committees (FPCs). The RGO produced a computer listing of every child whose date of birth was registered as occurring during the week 5-11 April 1970. Using the details provided by the RGO the NHSCR was then able to identify the Area Health Authority (AHA) in which each child was last registered with a NHS general practitioner. The NHSCR could also say if a child had gone abroad, was registered with a Service Medical Officer, i.e. if the father was a member of the armed forces, or had died, in which case a copy of the death certificate was supplied. Using the NHS number provided by the NHSCR, Family Practitioner Committees could pinpoint the home address of children who had not emigrated or died. This information was passed to the community nursing service of the AHA in which the FPC was located, and the local health visitors personally approached the families in question, inviting them to participate in the study. This procedure ensured that information confidential to the health authorities such as the home address of the study child was not disclosed to the research team unless the parents had agreed to take part.

A similar procedure was adopted in Scotland, but because the administrative structure was slightly different, the Scottish NHSCR was provided with the names of the children who had taken part in the British Births (1970) study. They added the child's NHS number and located the Health Board in which the child was last registered with a NHS general practitioner. Administrators of Primary Care in each Health Board used this information to identify each child's home address which was communicated to the health visitors who then invited the parents' participation.

The whereabouts of children of servicemen who were registered with a Service Medical Officer were determined with the help of the Service Children's Education Authority. This group included 64 children of service families who were interviewed by nurses of the Soldiers, Sailors and Airmen

Families Association (SSAFA) in West Germany, Malta, Gibraltar and Singapore. These children were included in the survey because they were members of the British Births cohort and although they were overseas in 1975 were likely to return to Britain and be included in future follow-ups of the cohort.

These methods of tracing depended entirely on the availability of information obtained at the time of the children's birth. Thus children who were born outside Great Britain but were resident here in 1975 could not be traced in this way. Health visitors located some of these children by scanning child health records for children born during the study week, but immigrant children were inevitably under-represented in the sample. The NHSCR could provide no information about children who were adopted for reasons of confidentiality. Some adopted children were located from child health records, but information obtained on these children at age five could not be linked with that obtained at birth because of the lack of necessary information concerning their origins.

The cohort size in 1975 was estimated to be 16,284 children. Of these 13,135 (80.7%) were successfully traced and interviewed on or shortly after their fifth birthdays in April 1975. This was considered to be a reasonable response rate considering the difficulty of tracing children in the preschool period.

#### Data collection

Four research documents were used in the five-year survey. These were:

1. Maternal Self-completion Questionnaire
2. Home Interview Questionnaire
3. Test Booklet
4. Developmental History Schedule

These documents were designed to obtain different types of information.

1. The Maternal Self-completion Questionnaire (MSQ) was designed for completion by the mother herself. This was done mainly to reduce the effect of interviewer bias in completing the attitudinal data. However, this also served to reduce the duration of the home interview. More than half the mothers (56.4%) completed the MSQ out of the presence of the health visitor and a further 28.1% completed it unaided during the health visitor's visit. The health visitor's help was needed by only 15.5% of the mothers, some of whom had difficulty in reading or required an interpreter. The MSQ contained questions concerning the child's behaviour at home and maternal depression. These were based on the Rutter A Scale of behavioural deviance and the Malaise Inventory (Rutter et al., 1970). There were also forty-three attitudinal items designed to elicit attitudes towards child rearing, maternal employment, television viewing and hospital

visiting.

2. The Home Interview Questionnaire (HIQ) was administered by health visitors who carried out the interviews in the children's own homes. Usually the interviewee was the mother (92.3%). Relatively few fathers were present at interviews (7%). Fewer than 1% of the interviews were carried out with persons other than the child's parents. Many questions in the HIQ had precoded response categories where a finite number of responses could be anticipated. Other questions were of the open-ended type which required responses to be written down. This approach was used where the potential range of responses was unknown in advance. Replies to open-ended questions were coded according to schemes devised by scrutinising a thousand randomly selected questionnaires.

3. Test Booklet (TB) was administered by the health visitor during her visit to the child at home.

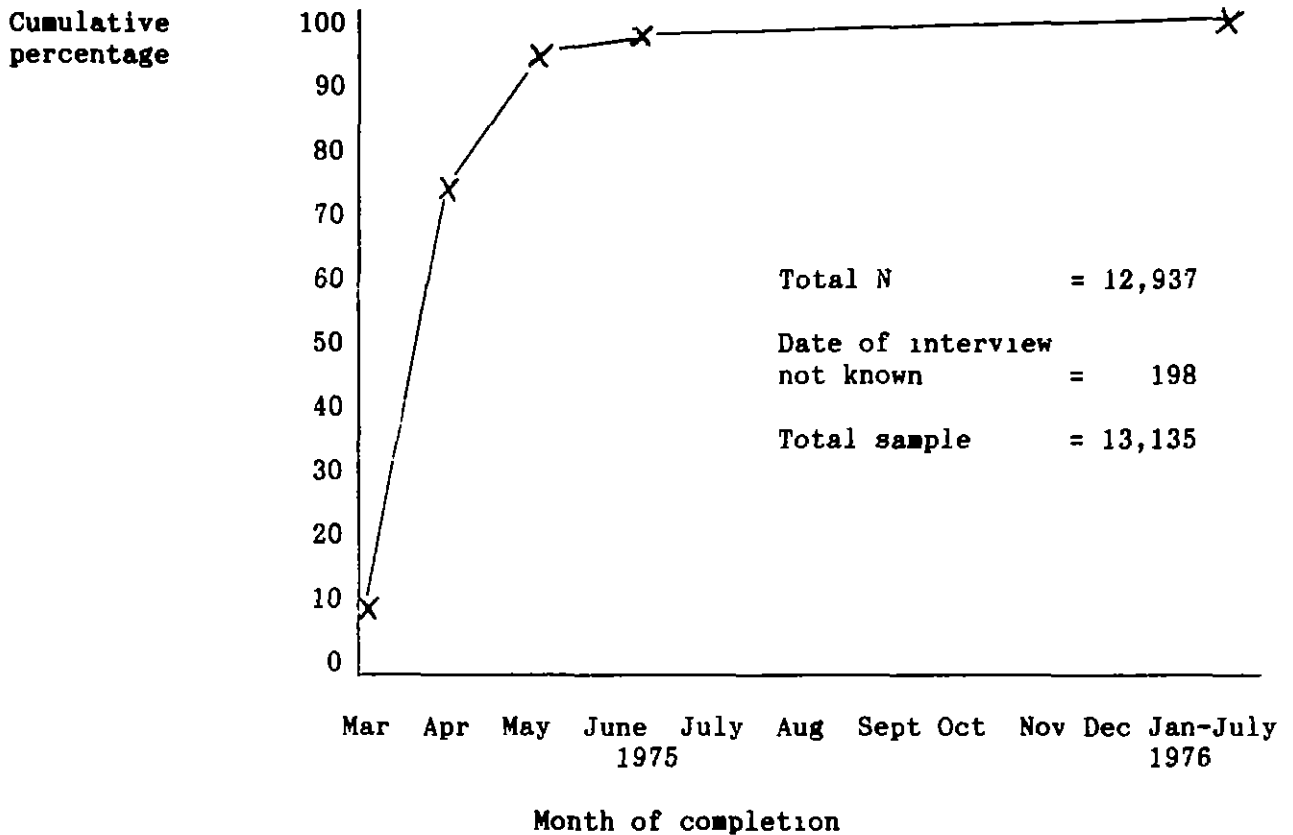
4. The Developmental History Schedule (DHS) was designed to obtain information from child health records. Details of developmental screening throughout the preschool period were obtained by reference to child health clinic and health visitor records where these were available. The number of missing records, however, make these data of limited use, and they are not deposited in the ESRC archives.

#### Administration

To achieve a reasonable degree of consistency in the manner in which interview and tests were carried out nationally, a comprehensive set of explanatory notes was prepared for the health visitor interviewers. In addition, briefing meetings were held at regional centres throughout Britain. Criticism of the deployment of health visitors as survey interviewers (Newson, 1970, p.19) is totally misplaced in studies of this type (Douglas, 1976, pp.11-13). Nearly half the families in this study were known to the health visitor interviewers through previous professional contact. Health visitors are seen by the mothers as medical workers with a legitimate interest in all aspects of the children's health, development, social and family circumstances. Health visitors also had access to child health records which provided an important additional source of information on the early health surveillance of these children as well as the means of tracing additional children born in the study week.

The main period of data collection took place over six months in 1975, during which time information was obtained on 95% of the traced sample (Figure 1). Thus, inferences can be made about children aged between five and five and a half years. The same statistical considerations apply to this sample as to that of the National Child Development Study. David et al., 1972, p 216 and Pringel et al., 1966, p 10, concisely summarise these considerations.

**FIGURE 1** MONTH OF COMPLETION OF HOME INTERVIEW QUESTIONNAIRE



Non-response

There are basically two types of non-response which have been termed specific and gross non-response. Specific non-response occurs where respondents cooperate in the study but fail to complete every part of it and results in some questions having a proportion of 'not stated' responses. Some questions in the present study were affected more by specific non-response than others. For example, information about the parental situation was obtained on every child, but information about the father's experience of any unemployment was not available for over 30% of the children. The majority of variables, however, had a specific non-response rate of under 5%.

Gross non-response was due to cohort members being completely missing from the survey. The two main causes of gross non-response were failure to trace children born in the study week and unwillingness on the part of some families to cooperate in the study. The total gross non-response rate was only a fifth (19.3%) of the estimated sample size despite the difficulty of tracing the children before they had all entered infant school. Assessment of bias was tackled in two ways: firstly, comparison of birth characteristics of those followed up with those who were not, revealed no social class differences, and no sex

differences. Children born to teenage mothers, those of high parity, those who were heavy smokers were somewhat less likely to be contacted. This difference was relatively small. The strongest bias, however, concerned a failure to trace the children of mothers who were single, separated, widowed or divorced at the time of birth (Butler & Golding 1986). Secondly, it was decided to trace and obtain limited information about the children who were missed in the 1975 study in order to check whether these differed in any important respects from those who were successfully traced and interviewed. This additional survey took place just two years later, when the children were seven.

There was little regional or social class variation in trace rates. Nevertheless, factors more directly related to the problems of tracing and interviewing cohort members, such as geographical mobility and family disruption, proved to be more important considerations (Osborn, Butler & Morris, 1984). Higher proportions of children in the 1975 survey were living with their natural parents.

Children of ethnic minorities were more difficult to trace, especially if they had come into Britain since the time of their birth. Interviewing difficulties, especially where there were language differences, further increased the risk of bias in the study. The 1975 survey found 92.3% of the children were with parents who were both of UK origin, i.e. not members of an ethnic minority, but in the 1977 study of children missed in 1975 this figure was down to 84%.

Families which are geographically mobile are expected to be difficult to trace and this factor could have been a major reason why some families were not traced in time for the 1975 survey.

Even with this sizable difference between the children in the two surveys, however, the relatively large size of the sample interviewed in 1975 compared with the 1977 sample means that any bias resulting from the loss of children in mobile families will be trivial for analyses involving the whole 1975 survey sample. Analysis carried out on a sub-sample of highly mobile children (i.e. those who moved more than twice in five years), however, would be very prone to error because over a fifth (22.9%) of this group were untraced for the 1975 survey. Comparisons were made in terms of overcrowding (persons per room ratio), and availability of four basic household amenities (kitchen, bathroom, indoor lavatory and hot water supply). The observed differences were so small that statistical significance was achieved for only two of the five housing indicators - crowding and availability of a kitchen. These items suggested that the 1975 sample had a slight excess of children in poor housing conditions. The differences, however, were not sufficient to create a bias in the 1975 sample.

The likelihood of bias resulting from missing data is discussed in more detail in Osborn, Butler & Morris (1984).

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3. Accidental injuries (J. Golding).
4. Convulsive disorders (C. Verity).
5. The long-term effects of passive smoking (J-A Evans).
6. Immunisation Benefits and costs (J. Pollock).
7. Maternal health behaviour and long-term effects on the child (J. Pollock).
8. Pre-term delivery and child health and development (T. Shenton).
9. Child health and development after pregnancies complicated by pre-eclampsia (P. Thomas).

## PART II. DESCRIPTION OF DATA FORMAT.

### The data file

This is set up in SPSS(X) format.

### Coding

Throughout the following standard codes have been used:

- 1 not applicable (i.e. the question is not relevant to this child)
- 2 not known (i.e. the question may be relevant but the answer was specifically stated to be unknown)
- 3 not stated/not attempted (i.e. no answer was given)

### Number of cases

In all, there are 13,135 cases on file.

### Layout of tables

Details are given for each variable on the file in the pages that follow.

First the actual question is quoted verbatim from the questionnaire, but it is advisable also to refer to the questionnaire reproduced at the end of this document.

The code, frequency (i.e. no of children with that code) and percentage (out of 13,135) are then given for all non-continuous variables.

### Matching files

This should be done only using the KEY variable.



## TEST BOOKLET

Tests and assessments of the children's ability were needed in this study to provide a means of comparing the significance of different types of social and emotional experience for the cognitive development of young children.

The choice of tests was limited by the fact that there were few standardised tests for five-year-olds that could reasonably be carried out in the children's own homes. Psychological assessment is not among the many skills acquired during health visitor training and, as the survey was being carried out by more than 6000 health visitors, on the spot assessment of children's test performance would have been subject to considerable variation between health visitors. Thus tests were selected which could be performed by young children at home, required no assessment of the child's competence by the tester and which could be scored at the survey headquarters by trained coders. The tests selected included the Human Figure Drawing Test, a Copying Designs Test and the English Picture Vocabulary Test.

### Scoring the tests

Five coders were trained to score the test using the first 1000 Test Booklets for this purpose. Inter-scorer reliability (i.e. between scorers) was checked on 273 randomly selected Test Booklets and was found to be .94 for Human Figure Drawing which compares favourably with other studies reported by Scott (Psychological Bulletin 1981; 89(3): p.489), .7 for Copying Designs and .96 for EPVT. Intrascorer reliability (i.e. for a person scoring the same test on separate occasions) was .9 or more for all three tests. Having established that the tests were being scored reliably, coding proceeded on the whole set of Test Booklets. The first 1000 were recoded again at the end to eliminate the possibility of errors being attributed to scoring during the training period. Although 5 coders were trained, the bulk of Test Booklets (94.6%) were scored by only 3 coders, the other two having left after completing only 707 Test Booklets.

The scoring of two of the tests, i.e. Human Figure Drawing and Copying Designs, necessitated some degree of subjective judgement in that coders had to decide whether the drawings performed by these five-year-olds conformed with the standards specified in the scoring instructions. This was not always easy and the reliability checks carried out before scoring of the whole sample commenced could not indicate whether a coder was consistently more lenient or harsh in scoring than the other coders. This could only be observed at the end when the coding was completed.

A comparison of the mean test scores for each of the three tests as scored by the five individual coders suggested that the test which was most vulnerable to systematic variation in scoring was Human Figure Drawing. The mean Human Figure Drawing score in Test Booklets scored by one coder was 10.2 (standard deviation 3.0) compared with a mean of 10.6 (SD 3.2) in those scored by one of the other coders. This difference was

statistically significant ( $P < 0.001$ ) but was equivalent to only .14 standard deviations of Human Figure Drawing score. The difference between coders' scoring of the Copying Design Test was very small (maximum difference between means was .05 SD,  $P < 0.05$ ). The mean EPVT scores showed no such difference between the coders which clearly reflected the fact that subjective judgement was not required in scoring this test.

#### KEY VARIABLE

All mothers in the birth survey have a key number in the range 000010 to 164112, if born in Great Britain, and in the range 200000 to 206212 if born in Northern Ireland. Children who were not in the Birth Survey but included in the 5 year survey have key nos in range 300000 - 399999. Note that multiple births have the same first 5 digits but can be distinguished using the last digit.

F003 Sex

	VALUE	FREQUENCY	PERCENT
Boy	1	6809	51.8
Girl	2	6326	48.2
		-----	-----
	TOTAL	13135	100.0

#### SECTION A: COPYING DESIGNS TEST

Question A.1 Ask the child to copy the designs on the next two pages as carefully as possible. Fold the book back so that the child can see only one page at a time. Point to each design in turn and say "see if you can make one just like this - here" and point to the space beside the design. Two attempts should be made at each design. Do not give the child any more help than these instructions allow.

Previous studies (Davie, et al., 1972; Rutter et al., 1970) have tested children's ability to copy designs as a means of assessing their visual-motor coordination. Children in our sample were asked to make two copies of each of the 8 designs shown in the Test Booklet (reproduced at the end of this document). The following principles were followed when scoring the drawings.

1. The drawing must have the right general shape and look like what it is supposed to be.
2. It should be approximately symmetrical.

3. Angles should not be rounded.
4. The drawing should not be rotated, e.g. the point of the triangle should be uppermost.
5. Angles must be approximately opposite each other (except for the triangle).
6. Slight bowing or irregularity of lines is allowed.
7. As long as the other criteria are met, neatness is not important.
8. Lines should meet approximately but as long as other criteria are met small gaps at junctions are acceptable.
9. Slight crossing and overlapping of lines is permitted.

Not all children completed two drawings of each design, therefore a score of one was given if at least one good copy was made of a given design. The total score was the sum of the scores obtained on each design, thus giving a range of 0 to 8. Zero score was obtained when a child attempted to copy at least one design but all attempts were judged to be poor copies. If the test was not attempted at all, a code of -3 was assigned.

F004 Copy Designs: Circle: Copy 1

Not attempted	-3	125	1.0
Good copy	1	12508	95.2
Poor copy	2	502	3.8
		-----	-----
	TOTAL	13135	100.0

F005 Copy Designs: Circle. Copy 2

Not attempted	-3	915	7.0
Good copy	1	11607	88.4
Poor copy	2	613	4.7
		-----	-----
	TOTAL	13135	100.0

F006 Copy Designs: Cross: Copy 1

Not attempted	-3	129	1.0
Good copy	1	11844	90.2
Poor copy	2	1162	8.8
		-----	-----
	TOTAL	13135	100.0

## F007 Copy Designs: Cross: Copy: 2

Not attempted	-3	931	7.1
Good copy	1	11049	84.1
Poor copy	2	1155	8.8
		-----	-----
TOTAL		13135	100.0

## F008 Copy Designs: Square: Copy 1

Not attempted	-3	139	1.1
Good copy	1	8310	63.3
Poor copy	2	4686	35.7
		-----	-----
TOTAL		13135	100.0

## F009 Copy Designs: Square: Copy 2

Not attempted	-3	957	7.3
Good copy	1	6923	52.7
Poor copy	2	5255	40.0
		-----	-----
TOTAL		13135	100.0

## F010 Copy Designs: St. Andrew's Cross: Copy 1

Not attempted	-3	167	1.3
Good copy	1	7746	59.0
Poor copy	2	5222	39.8
		-----	-----
TOTAL		13135	100.0

## F011 Copy Designs: St. Andrew's Cross: Copy 2

Not attempted	-3	944	7.2
Good copy	1	6866	52.3
Poor copy	2	5325	40.5
		-----	-----
TOTAL		13135	100.0

## F012 Copy Designs: Flag: Copy 1

Not attempted	-3	533	4.1
Good copy	1	2893	22.0
Poor copy	2	9709	73.9
		-----	-----
TOTAL		13135	100.0

## F013 Copy Designs: Flag: Copy 2

Not attempted	-3	1466	11.2
Good copy	1	2419	18.4
Poor copy	2	9250	70.4
		-----	-----
TOTAL		13135	100.0

## F014 Copy designs: Triangle: Copy 1

Not attempted	-3	224	1.7
Good copy	1	5745	43.7
Poor copy	2	7166	54.6
		-----	-----
TOTAL		13135	100.0

## F015 Copy Designs: Triangle: Copy 2

Not attempted	-3	1087	8.3
Good copy	1	4699	35.8
Poor copy	2	7349	55.9
		-----	-----
TOTAL		13135	100.0

## F016 Copy Designs: Diamond: Copy 1

Not attempted	-3	407	3.1
Good copy	1	2592	19.7
Poor copy	2	10136	77.2
		-----	-----
TOTAL		13135	100.0

## F017 Copy Designs: Diamond: Copy 2

Not attempted	-3	1257	9.6
Good copy	1	2197	16.7
Poor copy	2	9681	73.7
		-----	-----
TOTAL		13135	100.0

## F018 Copy Designs Thick Cross: Copy 1

Not attempted	-3	478	3.6
Good copy	1	3521	26.8
Poor copy	2	9136	69.6
		-----	-----
TOTAL		13135	100.0

## F019 Copy Designs: Thick Cross: Copy 2

Not attempted	-3	1367	10.4
Good copy	1	3093	23.5
Poor copy	2	8675	66.0
		-----	-----
	TOTAL	13135	100.0

[N.B. Total score is found at F119]

## SECTION B: HUMAN FIGURE DRAWING (DRAW-A-MAN TEST)

- Question B.1 Ask the child to "make a picture of a man or lady" on the page opposite this one. Terms such as "daddy", "mummy", "boy", "girl", etc. may be used in place of "man" or "lady" if the child responds better to these.
- Ask him/her to make the best picture he/she can and to draw a whole person, not just a face or head.
- When the child stops drawing ask if it is finished and allow him/her to make any additions he/she wants to. Be careful, however, not to suggest additions.
- When the drawing is finished, ask the child what it is and note what he/she says at the bottom of the page.
- Then ask the child to make another picture on the next page of a person of the opposite sex to the first. Note what the child says it is at the bottom.
- If it is not clear, ask the child to say what the various parts of the drawing are and label them. Do this by asking "What's this?" and pointing but do not ask questions such as "Where's his arm?, legs?, eyes?, etc.
- Do not give the child any more help than these instructions allow.

The Human Figure Drawing Test used in the present study was a modified version of the Draw-a-Man Test originally devised by Florence Goodenough (1926)\* and later developed by Dale Harris (1963)\*. The Harris-Goodenough test has been subjected to extensive evaluation as a measure of IQ and correlations with conventional IQ tests (Binet, Wechsler, etc.) averaging between .4 and .5 have been reported (Scott, 1981)\*. Harris himself suggested that the test is more indicative of 'conceptual maturity' than IQ (op. cit, p.5). This shift in emphasis gets away from the notion of unitary intelligence, and permits consideration of children's concepts of the human figure as an index or sample of their concepts generally.

The drawings produced by the CHES children at the age of 5 were relatively simple and did not warrant the implementation of the full Harris-Goodenough scale of 73 items. The CHES scoring scheme was based on 30 developmental items suggested by Elizabeth Koppitz (1968)\* but used the Harris point system of scoring. One point was scored for each item represented in the drawing giving a maximum possible score of 30. In fact the actual range achieved was 1 to 23.

[\* references as on page vi]

## Human Figure Drawing 1

## F020 HFD 1 Child's Description

Test not attempted	-3	69	.5
<u>page 1</u>			
Male (eg daddy, boy, man etc)	1	6669	50.8
Female (eg mummy, girl, lady, etc)	2	6028	45.9
Other	3	65	.5
No response	4	113	.9
[If child responded 'me' appropriate sex was coded]			
<u>page 2</u>			
Male (eg daddy, boy, man etc)	5	16	.1
Female (eg mummy, girl, lady etc)	6	18	.1
No Response	8	14	.1
No drawing on 1st page, & only 1 drawing on 2nd page	9	143	1.1
		-----	-----
TOTAL		13135	100.0

## F021 HFD 1 Head

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Head not present	0	105	.8
Only 1 circle present, could be head or body	1	61	.5
Only 1 circle present, could be head or body & has face inside it	2	1701	13.0
Clear outline of head present & head smaller than body	3	5643	43.0
Clear outline of head present & head about the same size as body	4	2230	17.0
Clear outline of head present & head bigger than body	5	3044	23.2
		-----	-----
TOTAL		13135	100.0

Note

Test was regarded as 'not scorable' if it was scribble or not a drawing of a figure.



## F022 HFD 1 Eyes

Any representation was allowed (1 or 2 eyes)

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	435	3.3
Feature present	1	12349	94.0
		-----	-----
TOTAL		13135	100.0

## F023 HFD 1 Pupils

Distinct circles or dots within outlines of eyes

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	11079	84.3
Feature present	1	1705	13.0
		-----	-----
TOTAL		13135	100.0

## F024 HFD 1 Eyebrows or eyelashes

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
No brows or lashes	0	11300	86.0
Brows but no lashes	1	1076	8.2
Lashes but no brows	2	224	1.7
Brows and lashes	3	184	1.4
		-----	-----
TOTAL		13135	100.0

## F025 HFD 1 Nose

Any representation allowed

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	2281	17.4
Feature present	1	10503	80.0
		-----	-----
TOTAL		13135	100.0

## F026 HFD 1 Nostrils

Dots or nostrils shown in addition to nose

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	12383	94.3
Feature present	1	401	3.1
		-----	-----
TOTAL		13135	100.0

## F027 HFD 1 Mouth

Any representation allowed

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	1408	10.7
Feature present	1	11376	86.6
		-----	-----
TOTAL		13135	100.0

## F028 HFD 1 Two lips

Two lips outlined and separated by line from each other  
(two rows of teeth only were not scored)

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	12713	96.8
Feature present	1	71	.5
		-----	-----
TOTAL		13135	100.0

## F029 HFD 1 Ear

Any representation allowed

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	11174	85.1
Feature present	1	1610	12.3
		-----	-----
TOTAL		13135	100.0

## F030 HFD 1 Hair

Any representation, or hat or cap covering head and hiding hair  
was allowed

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	4462	34.0
Feature present	1	8322	63.4
		-----	-----
TOTAL		13135	100.0

## F031 HFD 1 Neck

Definite 'stalk' separating head and body

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	11700	89.1
Feature present	1	1084	8.3
		-----	-----
TOTAL		13135	100.0

## F032 HFD 1 Body

Any presentation, clear outline necessary

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	1781	13.6
Feature present	1	11003	83.8
		-----	-----
TOTAL		13135	100.0

## F033 HFD 1 Arms

Any representation

Not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	2194	16.7
Feature present	1	10590	80.6
		-----	-----
TOTAL		13135	100.0

## F034 HFD 1 Arms in 2 dimensions

Both arms represented by more than a single line (e.g. parallel lines)

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	7931	60.4
Feature present	1	4853	36.9
		-----	-----
TOTAL		13135	100.0

## F035 HFD 1 Arms at angle

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Any other position	0	2995	22.8
One or both arms pointing down- wards at an angle of 30° or more from the horizontal	1	1777	13.5
Arms raised appropriately for activity in which figure is engaged	2	24	.2
Arms at right angles to vertical clothing	3	7406	56.4
Arms at right angles to sloping clothing	4	347	2.6
Arms not at right angles to sloping clothing	5	235	1.8
		-----	-----
	TOTAL	13135	100.0

see Figure 1 on next page

## F036 HFD 1 Arms correctly attached at shoulder

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Arms not connected to body	0	2303	17.5
Arms firmly connected to body at shoulder level	1	1251	9.5
Arms firmly connected to body but at waist level (ie. middle of body)	2	7565	57.6
Arms firmly connected to body but at hip level (ie. near bottom of body)	3	88	.7
Arms connected to head	4	1157	8.8
Arms connected to legs	5	420	3.2
		-----	-----
	TOTAL	13135	100.0

## F037 HFD 1 Elbow

Distinct angle in arm required (rounded curve in arm is not scored)

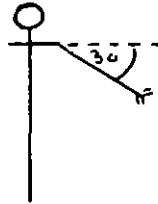
Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	12664	96.4
Feature present	1	120	.9
		-----	-----
	TOTAL	13135	100.0

Figure 1

One or both arms pointing downwards at an angle of 30° or more from the horizontal

Coded 1

e.g.



Arms raised appropriately for activity in which figure is engaged

Coded 2

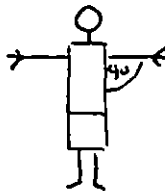
e.g.



Arms at right angles to vertical clothing

Coded 3

e.g.



Arms at right angles to sloping clothing

Coded 4

e.g.



Arms not at right angles to sloping clothing

Coded 5

e.g.



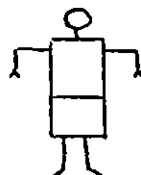
Any other

Coded 0

NOTE

Arms extending horizontally from the body and then turning down some distance from the body were not scored.

e.g.



## F038 HFD 1 Hands

Differentiation from arms and fingers necessary (eg. widening of arm or demarcation from arm by sleeve or bracelet)

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	10152	77.3
Feature present	1	2632	20.0
		-----	-----
TOTAL		13135	100.0

## F039 HFD 1 Fingers

Any representation distinct from hands or arms. Any number of fingers acceptable

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	8451	64.3
Feature present	1	4333	33.0
		-----	-----
TOTAL		13135	100.0

## F040 HFD 1 Correct number of fingers

Five fingers on each hand or arm

Not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	11467	87.3
Feature present	1	1317	10.0
		-----	-----
TOTAL		13135	100.0

## F041 HFD 1.Legs

Any representation allowed (if female figure in long skirt was drawn and sufficient distance between waist and feet allowed for legs it was scored as 1)

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	540	4.1
Feature present	1	12244	93.2
		-----	-----
TOTAL		13135	100.0

## F042 HFD 1:Legs in 2 dimensions

Both legs represented by more than single lines (eg. parallel lines)

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	8806	67.0
Feature present	1	3978	30.3
		-----	-----
TOTAL		13135	100.0

## F043 HFD 1:Knee

Distinct angle in one or both legs (side view) or kneecap (front view)

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	12743	97.0
Feature present	1	41	.3
		-----	-----
TOTAL		13135	100.0

## F044 HFD 1:Feet

Any representation

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	5454	41.5
Feature present	1	7330	55.8
		-----	-----
TOTAL		13135	100.0

## F045 HFD 1:Feet in two dimensions

Feet extending in one direction from heel and showing greater length than height (side view) or feet drawn in perspective (front view)

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Feature absent	0	11299	86.0
Feature present	1	1485	11.3
		-----	-----
TOTAL		13135	100.0

## F046 HFD 1:Profile

Head drawn in profile even if rest of figure was not entirely in profile

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Not in profile	0	12701	96.7
Head only	1	83	.6
		-----	-----
TOTAL		13135	100.0

## F047 Clothing one item or none

The following items were counted as clothing:

Trousers, shirt, skirt, blouse, dress (upper part of dress separated by belt was scored as blouse), coat, hat, helmet, belt, tie, hair ribbon, necklace, watch, ring, bracelet, pipe, cigarette, umbrella, cane, gun, rake, shoes, socks, wallet, briefcase, bat, gloves.

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
No clothing or more than one item	0	10393	79.1
One item of clothing	1	2287	17.4
Body can be seen through clothing	2	104	.8
		-----	-----
TOTAL		13135	100.0

## F048 HFD 1 No. items of clothing: 2 or 3

Not attempted	-3	212	1.6
Not scorable	-2	139	1.1
0, 1, 4+	0	12178	92.7
2 or 3 items	1	561	4.3
Body can be seen through clothing	2	45	.3
		-----	-----
TOTAL		13135	100.0

## F049 HFD 1 No. items of clothing: 4 or more

Not attempted	-3	212	1.6
Not scorable	-2	139	1.1
Less than 4	0	12762	97.2
4 or more	1	22	.2
		-----	-----
TOTAL		13135	100.0



## F050 HFD 1 Good Proportions

Not attempted	-3	212	1.6
Not scorable	-2	139	1.1
No	0	12711	96.8
Yes	1	73	.6
		-----	-----
TOTAL		13135	100.0

## F051 HFD 1 Size of Figure

No drawing	-3	212	1.6
Scribble	-2	139	1.1
<18cm	1	9996	76.1
18-22cm	2	1586	12.1
23cm+	3	1202	9.2
		-----	-----
TOTAL		13135	100.0

## HUMAN FIGURE DRAWING 2

## F052 HFD 2 Child's Description

Test not attempted	-3	69	.5
<u>page 1</u>			
Male (eg daddy, boy, man etc)	1	238	1.8
Female (eg mummy, girl)	2	217	1.7
Other	3	9	.1
No Response	4	17	.1
[If child responded 'me' appropriate sex was coded]			
<u>page 2</u>			
Male (eg daddy, boy, man etc)	5	5702	43.4
Female (eg mummy, girl, lady etc)	6	6339	48.3
Other	7	55	.4
No response	8	94	.7
No drawing on 1st page, & only 1 drawing on 2nd page	9	395	3.0
		-----	-----
TOTAL		13135	100.0

## F053 HFD 2 Head

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Head not present	0	119	.9
Only 1 circle present, could be head or body	1	51	.4
Only 1 circle present, could be head or body & has face inside it	2	1752	13.2
Clear outline of head present & head smaller than body	3	5338	40.6
Clear outline of head present & head about the same size as body	4	2128	16.2
Clear outline of head present & head bigger than body	5	3176	24.2
		-----	-----
TOTAL		13135	100.0

## F054 HFD 2 Eyes

Any representation was allowed (1 or 2 eyes)

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	404	3.1
Feature present	1	12160	92.6
		-----	-----
TOTAL		13135	100.0

## F055 HFD 2 Pupils

Distinct circles or dots within outlines of eyes

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	10852	82.6
Feature present	1	1712	13.0
		-----	-----
TOTAL		13135	100.0

## F056 HFD 2 Eyebrows

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
No brows or lashes	0	11150	84.9
Brows but no lashes	1	1028	7.8
Lashes but no brows	2	228	1.7
Brows & lashes	3	158	1.2
		-----	-----
TOTAL		13135	100.0

## F057 HFD 2 Nose

Any representation allowed

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	2348	17.9
Feature present	1	10216	77.8
		-----	-----
TOTAL		13135	100.0

## F058 HFD 2 Nostrils

Dots or nostrils shown in addition to nose

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	12188	92.8
Feature present	1	376	2.9
		-----	-----
TOTAL		13135	100.0

## F059 HFD 2 Mouth

Any representation allowed

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	1424	10.8
Feature present	1	11140	84.8
		-----	-----
TOTAL		13135	100.0

## F060 HFD 2 Two Lips

Two lips outlined and separated by line from each other  
(two rows of teeth only were not scored)

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	12496	95.1
Feature present	1	68	.5
		-----	-----
TOTAL		13135	100.0

## F061 HFD 2 Ear

Any representation allowed

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	10991	83.7
Feature present	1	1573	12.0
		-----	-----
TOTAL		13135	100.0

## F062 HFD 2 Hair

Any representation, or hat or cap covering head and hiding hair was allowed

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	3969	30.2
Feature present	1	8595	65.4
		-----	-----
TOTAL		13135	100.0

## F063 HFD 2 Neck

Definite 'stalk' separating head and body

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	11542	87.9
Feature present	1	1022	7.8
		-----	-----
TOTAL		13135	100.0

## F064 HFD 2 Body

Any presentation, clear outline necessary

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	1840	14.0
Feature present	1	10724	81.6
		-----	-----
TOTAL		13135	100.0

## F065 HFD 2 Arms

Any representation

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	2191	16.7
Feature present	1	10373	79.0
		-----	-----
TOTAL		13135	100.0

## F066 HFD 2 Arms in 2 Dimensions

Both arms represented by more than a single line (e.g. parallel lines)

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	7781	59.2
Feature present	1	4783	36.4
		-----	-----
TOTAL		13135	100.0

## F067 HFD 2 Arms at angle

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Any other position	0	3004	22.9
One or both arms pointing down-wards at an angle of 30° or more from the horizontal	1	1718	13.1
Arms raised appropriately for activity in which figure is engaged	2	15	.1
Arms at right angles to vertical clothing	3	7415	56.5
Arms at right angles to sloping clothing	4	238	1.8
Arms not at right angles to sloping clothing	5	174	1.3
		-----	-----
TOTAL		13135	100.0

(see Figure 1 on p13)

## F068 HFD 2 Arms correctly attached at shoulder

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Arms not connected to body	0	2275	17.3
Arms firmly connected to body at shoulder level	1	1126	8.6
Arms firmly connected to body but at waist level (ie. middle of body)	2	7414	56.4
Arms firmly connected to body but at hip level (ie. near bottom of body)	3	109	.8
Arms connected to head	4	1198	9.1
Arms connected to legs	5	442	3.4
		-----	-----
TOTAL		13135	100.0

## F069 HFD 2 Elbow

Distinct angle in arm required (rounded curve in arm is not scored)

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	12442	94.7
Feature present	1	122	.9
		-----	-----
TOTAL		13135	100.0

## F070 HFD 2 Hands

Differentiation from arms and fingers necessary (eg. widening of arm or demarcation from arm by sleeve or bracelet)

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	10039	76.4
Feature Present	1	2525	19.2
		-----	-----
TOTAL		13135	100.0

## F071 HFD 2 Fingers

Any representation distinct from hands or arms. Any number of fingers acceptable.

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature Absent	0	8421	64.1
Feature Present	1	4143	31.5
		-----	-----
TOTAL		13135	100.0

## F072 HFD 2 Correct No. of Fingers

Five fingers on each hand or arm

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	11357	86.5
Feature present	1	1207	9.2
		-----	-----
TOTAL		13135	100.0

## F073 HFD 2 Legs

Any representation allowed (if female figure in long skirt was drawn and sufficient distance between waist and feet allowed for legs it was scored as 1)

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	495	3.8
Feature present	1	12069	91.9
		-----	-----
TOTAL		13135	100.0

## F074 HFD 2 Legs in 2 Dimensions

Both legs represented by more than single lines (eg. parallel lines)

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	8471	64.5
Feature present	1	4093	31.2
		-----	-----
TOTAL		13135	100.0

## F075 HFD 2 Knee

Distinct angle in one or both legs (side view) or kneecap (front view)

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	12530	95.4
Feature present	1	34	.3
		-----	-----
TOTAL		13135	100.0

## F076 HFD 2 Feet

Any representation

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	5438	41.4
Feature present	1	7126	54.3
		-----	-----
TOTAL		13135	100.0

## F077 HFD 2 Feet in two dimensions

Feet extending in one direction from heel and showing greater length than height (side view) or feet drawn in perspective (front view)

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Feature absent	0	11194	85.2
Feature present	1	1370	10.4
		-----	-----
TOTAL		13135	100.0

## F078 HFD 2 Profile

Head drawn in profile even if rest of figure was not entirely in profile

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Not in profile	0	12507	95.2
Head only	1	57	.4
		-----	-----
TOTAL		13135	100.0

## F079 HFD 2 Clothes: one item or none

The following items were counted as clothing:

Trousers, shirt, skirt, blouse, dress (upper part of dress separated by belt was scored as blouse), coat, hat, helmet, belt, tie, hair ribbon, necklace, watch, ring, bracelet, pipe, cigarette, umbrella, cane, gun, rake, shoes, socks, wallet, briefcase, bat, gloves.

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
No clothing	0	10095	76.9
One item	1	2287	17.4
Body can be seen through clothing	2	182	1.4
		-----	-----
TOTAL		13135	100.0

## F080 HFD 2 No. items of clothing: two or three

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
0, 1 or 4+	0	11973	91.2
2 or 3 items	1	535	4.1
Body can be seen through clothing	2	56	.4
		-----	-----
TOTAL		13135	100.0



## F081 HFD 2 No. items of clothing: 4 or more

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
Less than 4	0	12553	95.6
4 or more	1	10	.1
Body can be seen through clothing	2	1	.0
		-----	-----
	TOTAL	13135	100.0

## F082 HFD 2 Good Proportions

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
No	0	12524	95.3
Yes	1	40	.3
		-----	-----
	TOTAL	13135	100.0

## F083 HFD 2 Size of Figure

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
<18cm	1	9722	74.0
18-22cm	2	1533	11.7
23cm+	3	1309	10.0
		-----	-----
	TOTAL	13135	100.0

[N.B. HFD scores are to be found at F113-F116]

## SECTION C: ENGLISH PICTURE VOCABULARY TEST (SURVEY VERSION)

[see Test Booklet for instructions given to interviewer]

The English Picture Vocabulary Test (EPVT) is an adaptation by Brimer and Dunn (1962)\* of the American Peabody Picture Vocabulary Test. It consists of a series of 56 sets of four different pictures with a particular word associated with each set of four pictures. The child is asked to point out the one picture which corresponds to the given word, and the test proceeds with words of increasing difficulty until he or she makes five mistakes in a run of eight consecutive items. The final item achieved is designated the ceiling item. The EPVT raw score is the total number of correct items occurring before the ceiling item. The resulting distribution of raw EPVT scores was skewed and so the scores were transformed to give a standard normal distribution (mean of zero and standard deviation of one).

[\* Manual for the Picture Vocabulary Test. Bristol: Education Evaluation Enterprises pp 9-10]

F084 E.P.V.T. Error check: Number of interviewer errors in completing the score sheet

Test not attempted	-3	257	2.0
No check possible	-2	665	5.1
No errors	0	9062	69.0
No. of errors given		3151	24.0
		-----	-----
	TOTAL	13135	100.0

Range 1-56

F085 E.P.V.T. Base Item

Test not attempted	-3	257	2.0
Test not scorable	-2	50	.4
Less than 5 responses correct in first eight items	0	64	.5
Item 1	1	12689	96.6
Item 2	2	64	.5
Item 3	3	7	.1
Item 4	4	4	.0
		-----	-----
	TOTAL	13135	100.0

Note

The base item is the first correct item if child had 5 or more correct items in the first 8 items

## F086 E.P.V.T. Ceiling Item

Test not attempted	-3	257	2.0
Test not scorable or no base item	-2	114	.9
Ceiling item given*		10274	78.2
Test incorrectly stopped before reaching ceiling item	90	593	4.5
End of test reached without achieving ceiling item	91	1897	14.4
		-----	-----
	TOTAL	13135	100.0

\* range 10-56

Note

The ceiling item is the fifth incorrect item in a sequence of eight consecutive items.

## F087 E.P.V.T. Incorrect Responses

Test not attempted	-3	257	2.0
Not scorable	-2	114	.9
Number of errors, before and including the ceiling item and after the base item, given		12764	97.2
		-----	-----
	TOTAL	13135	100.0

range 0-20

Note

Cases with fewer than five incorrect responses all had no ceiling item (VAR F086 = 90 or 91)

## F088 E.P.V.T. Perseveration

Not stated	-3	345	2.6
Not applicable, test not completed, not scorable	-1	228	1.7
Yes	1	472	3.6
No	2	12090	92.0
		-----	-----
	TOTAL	13135	100.0

Note

Perseveration means that the child pointed to the same picture positions irrespective of the key word for consecutive items.

Total EPVT scores given at F117.

## SECTION D: PROFILE TEST

1. The object of this test is for the child to complete the profile drawn on the page opposite.
2. Make sure that the child understands what the drawing is by introducing it in the following way and answer the question at the foot of this page.\*

(a) Point to the profile and say,

"What do you think this is?". The child should show that he/she understands what it is by replying "a head", "a face", "a man", etc.

If the child does not show that he/she understands what it is, ask,

(b) "Can you see what this is?" and follow with your finger the left side of the outline of the profile from forehead to the chin.

If profile is still not recognised, say,

(c) "Look , this is a face, isn't it?" and trace around the left side of the profile with your finger as before.

3. As soon as the child recognises what the drawing is, or you have explained it, say, "Do you think you could finish it for me? Draw everything that is missing in it".
4. When the child stops drawing, ask if it is finished and allow him/her to make any additions he/she wants to. Be careful, however, not to suggest additions. If it is not clear, ask the child to say what the various parts of the drawing are and label them, ear, eye, mouth, etc. Do this by asking, "What's this?", and pointing.

DO NOT GIVE THE CHILD ANY MORE HELP THAN THESE INSTRUCTIONS ALLOW.

F089            \*At what stage in introducing the profile did the child show he/she recognised what the drawing is?

Not stated	-3	500	3.8
Stage (a) Profile recognised as 'head', 'face', 'man' etc without prompting	1	10859	82.7
Stage (b) Profile recognised with some prompting	2	863	6.6
Stage (c) Child told that profile is a 'face'	3	874	6.7
Profile not recognised	4	39	.3
		-----	-----
	TOTAL	13135	100.0

## F090 Profile Test: Presence of Eyes

Test not attempted	-3	684	5.2
No eyes	0	319	2.4
One eye	1	6080	46.3
Two eyes	2	5983	45.6
Other	8	69	.5
		-----	-----
TOTAL		13135	100.0

## F091 Profile Test. Presence of Ears

Test not attempted	-3	684	5.2
No ear	0	7476	56.9
One ear	1	3825	27.6
Two ears	2	1345	10.2
Other	8	5	.0
		-----	-----
TOTAL		13135	100.0

## F092 Profile Test: Presence of Nose

Test not attempted	-3	684	5.2
No nose details	0	8459	64.4
Nose in centre	1	2997	22.8
Nostril added	2	995	7.6
		-----	-----
TOTAL		13135	100.0

## F093 Profile Test: Presence of Mouth

Test not attempted	-3	684	5.2
No mouth details	0	8483	64.6
Mouth in centre	1	3160	24.1
Teeth etc added	2	808	6.2
		-----	-----
TOTAL		13135	100.0

## F094 Profile Test. Presence of Hair

Test not attempted	-3	684	5.2
No hair drawn	0	4112	31.3
Hair or hat	1	8339	63.5
		-----	-----
TOTAL		13135	100.0

Spatial position

## F095 Profile Test: One eye

Test not attempted	-3	684	5.2
Not applicable - no eye drawn or more than one eye drawn	-1	6371	48.5
Outside Areas 1 and 2	0	4446	33.8
In Area 1	1	1068	8.1
In Area 2	2	566	4.3
		-----	-----
TOTAL		13135	100.0

Note

See figure 2 for identification of Areas 1 and 2.

## F096 Profile Test: One ear

Test not attempted	-3	684	5.2
Not applicable - no ear drawn or more than one ear drawn	-1	8826	67.2
Outside profile	0	1313	10.0
Inside profile	1	2312	17.6
		-----	-----
TOTAL		13135	100.0

## F097 Profile Test: Position of hair

Test not attempted	-3	684	5.2
Not applicable - no hair	-1	4112	31.3
(1) Hair drawn outside profile			
(2) Hair drawn crossing profile or inside			
(3) Hair is only indicated by scribbling or drawing dashes			
(4) Hairstyle & direction can be recognised in the drawing			
If ((1) and (4)) or ((2) and (3)) apply	0	5926	45.1
If all apply	1	2379	18.1
If (2) and (4) apply	2	34	.3
		-----	-----
TOTAL		13135	100.0

Note See figure 3 for pictorial description of hair.

Figure 2

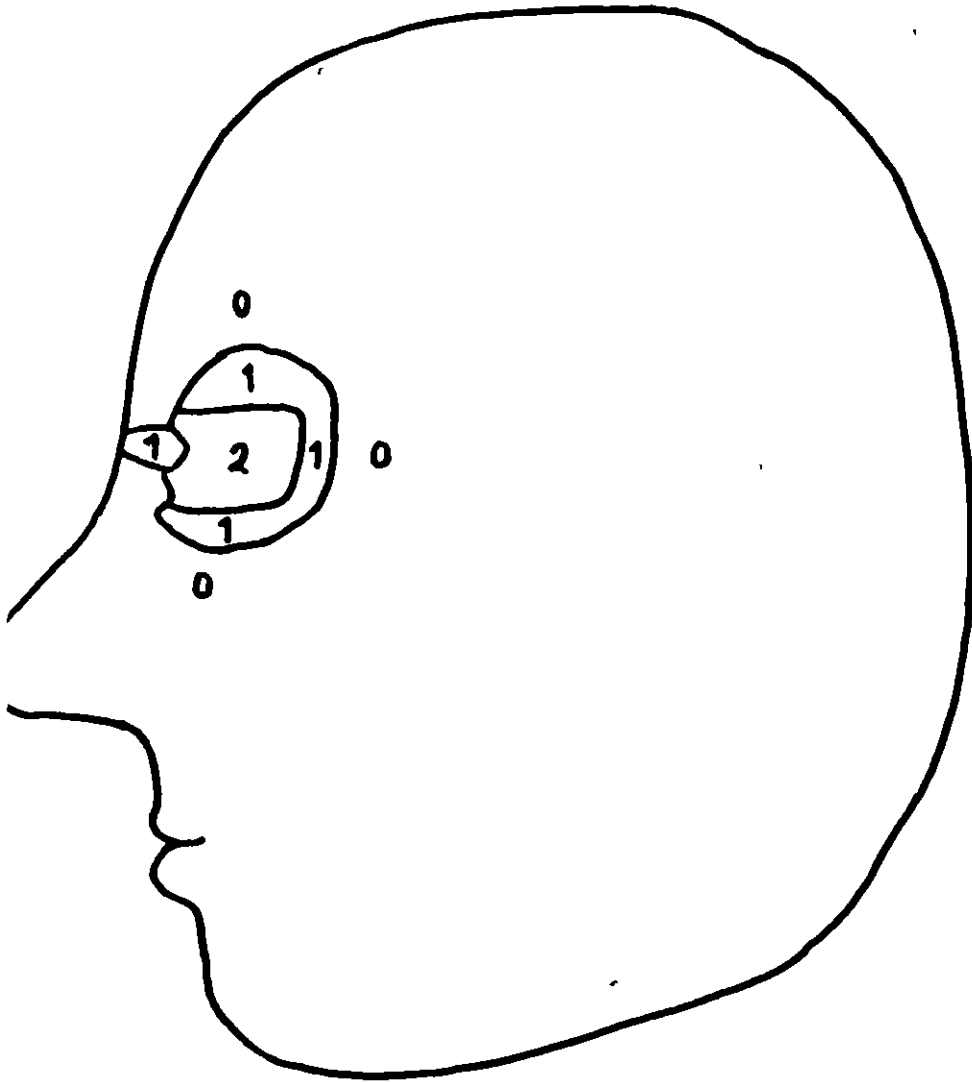
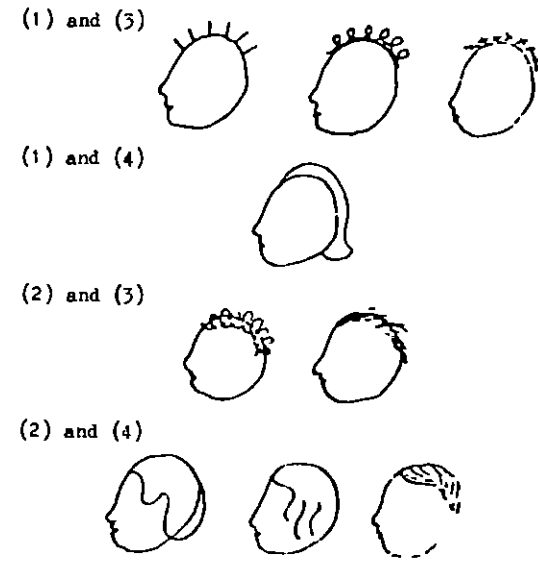


Figure 3



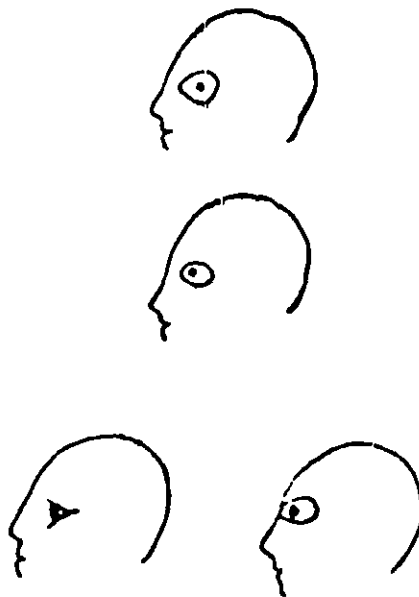
F098 Profile test: shape of eye

Test not attempted	-3	684	5.2
Not applicable - no eye	-1	6371	48.5
Frontal view of the eye, pupil in centre	0	5837	44.4
Frontal view of the eye, pupil in the left corner	1	238	1.8
Side view of the eye	2	5	.0
		-----	-----
TOTAL		13135	100.0

Note

see Figure 4 for pictorial description of eye.

Figure 4



Coded 0

Coded 1

Coded 2



## SECTION E: READING TEST

Ask the mother if she thinks the child has begun to read at all.  
F099 Does mother think child can read

Not stated	-3	439	3.3
No, child can read nothing or has not tried (N)	1	4401	33.5
Yes; child can read some letters (A)	2	2257	17.2
A + N	3	48	.4
Yes, child can read some words (B)	4	2822	21.5
B + N	5	8	.1
A + N	6	678	5.2
A + B + N	7	5	.0
Yes; child can read simple sentences (C)	8	1296	9.9
C + N	9	4	.0
A + C	10	5	.0
B + C	12	153	1.2
A + B + C	14	175	1.3
A + B + C + N	15	6	.0
Cannot say if child can read (D)	16	184	1.4
D + N	17	1	.0
A + D	18	12	.1
A + D + N	19	1	.0
B + D	20	2	.0
A + B + D	22	1	.0
Other reply (E)	32	158	1.2
E + N	33	17	.1
E + A	34	23	.2
E + A + N	35	1	.0
E + B	36	24	.2
E + A + B	38	10	.1
E + C	40	18	.1
E + B + C	44	2	.0
E + A + B + C	46	4	.0
E + D	48	2	.0
Initial Teaching Alphabet (ITA) mentioned (F)	64	119	.9
F + N	65	23	.2
F + A	66	35	.3
F + A + N	67	1	.0
F + B	68	72	.5
F + A + B	70	17	.1
F + C	72	91	.7
F + A + C	74	1	.0
F + B + C	76	8	.1
F + C + A + B	78	6	.0
F + D	80	4	.0
F + E	96	1	.0
		-----	-----
TOTAL		13135	100.0

Note No attempt has been made to edit these data. The codes are as indicated by the interviewer.

Administering the reading test

If mother says the child can read some words or sentences, show the word-card to the child and ask if he/she would read out as many of the words as he/she can. Point to the first word and say, "See if you can say this one". If child responds, say, "Now try these others", and run your finger from word to word across the first five words at the top of the card. If the child misses a word out, point to that word on the word-card and say, "Can you tell me this one?" and record the response. Then continue with the second and subsequent rows in the same way.

How to record responses on score sheet below

Put a tick in the box against each word the child reads correctly.

Put a cross if read incorrectly or response is unintelligible or for any other response, e.g. child says "Don't know".

Leave box blank if no response.

Where there is an irregularity of speech or articulation, e.g. "tee" for "tree", or "fink" for "think", count as correct if it is clearly an attempt to say the word in question.

When to stop testing

The child should continue the test until he/she makes five consecutive mistakes, or refuses to continue.

DO NOT GIVE THE CHILD ANY MORE HELP THAN THESE INSTRUCTIONS ALLOW

## F100 Reading Test score: correct responses

Test not given	-3	7422	56.5
Not scorable	-2	54	.4
Total no. of ticks recorded		5659	43.1
		-----	-----
TOTAL		13135	100.0

range 0-50

## F101 Reading Test score: incorrect response

Test not given	-3	7422	56.5
Not scorable	-2	54	.4
Total no. of crosses recorded		5659	43.1
		-----	-----
TOTAL		13135	100.0

range 0-34

## SECTION F: CHILD'S MEASUREMENTS

Give in inches and parts of inches or in centimetres:  
 (a) Height (without shoes)

F102 Child's height (in cms)

Not given	-3	243	1.9
Height given		12892	98.1
		-----	-----
TOTAL		13135	100.0

range 84-130 cms

Give in inches and parts of inches or in centimetres:  
 (b) Head circumference  
 [measure around forehead and occiput recording maximum  
 circumference as accurately as possible]

F103 Child's head circumference (in cms)

Not given	-3	291	2.2
Head circumference given		12844	97.8
		-----	-----
TOTAL		13135	100.0

range 38-63 cms

## SECTION G: TEST CONDITIONS

## F104 Where were tests carried out?

Not stated	-3	262	2.0
Child's own home	1	11575	88.1
Other place	2	1254	9.5
Home and elsewhere	3	44	.3
		-----	-----
TOTAL		13135	100.0

## Question 2: How readily did the child respond to the tests?

## F105 Response to test: Copying Designs Test

Not stated	-3	360	2.7
Normal response	1	11444	87.1
Slow response	2	1301	9.9
Child refused	3	23	.2
Test not given	4	7	.1
		-----	-----
TOTAL		13135	100.0

## F106 Response to test: Human Figure Drawing

Not stated	-3	402	3.1
Normal response	1	11355	86.4
Slow response	2	1251	9.5
Child refused	3	108	.8
Test not given	4	19	.1
		-----	-----
TOTAL		13135	100.0

## F107 Response to test: E.P.V.T

Not stated	-3	501	3.8
Normal response	1	11890	90.5
Slow response	2	594	4.5
Child refused	3	20	.2
Test not given	4	130	1.0
		-----	-----
TOTAL		13135	100.0

## F108 Response to test: Profile Test

Not stated	-3	417	3.2
Normal response	1	10330	78.6
Slow response	2	2240	17.1
Child refused	3	128	1.0
Test not given	4	20	.2
		-----	-----
TOTAL		13135	100.0

## F109 Response to test: Reading Test

Not stated	-3	1185	9.0
Normal response	1	3283	25.0
Slow response	2	1781	13.6
Child refused	3	384	2.9
Test not given	4	6502	49.5
		-----	-----
TOTAL		13135	100.0

Question 3: Were there any distractions, interruptions or other disturbances when the child was being tested?

## F110 Distractions during test

Not stated	-3	346	2.6
Yes: remarks made about child's performance	1	174	1.3
Yes: child was encouraged to respond	2	457	3.5
1 + 2	3	149	1.1
Yes: other children were noisy or interrupted	4	1349	10.3
1 + 4	5	137	1.0
2 + 4	6	220	1.7
1 + 2 + 4	7	137	1.0
Yes: other noise or distraction eg. TV, radio	8	205	1.6
1 + 8	9	30	.2
2 + 8	10	48	.4
1 + 2 + 8	11	22	.2
4 + 8	12	179	1.4
1 + 4 + 8	13	29	.2
2 + 4 + 8	14	44	.3
1 + 2 + 4 + 8	15	40	.3
No: test conditions reasonable	16	8659	65.9
1 + 16	17	41	.3
2 + 16	18	180	1.4
1 + 2 + 16	19	24	.2
4 + 16	20	51	.4
1 + 4 + 16	21	1	.0
2 + 4 + 16	22	6	.0
1 + 2 + 4 + 16	23	2	.0
8 + 16	24	10	.1
2 + 8 + 16	26	2	.0
1 + 2 + 8 + 16	27	1	.0
4 + 8 + 16	28	3	.0
2 + 4 + 8 + 16	30	2	.0
1 + 2 + 4 + 8 + 16	31	1	.0
Other situation	32	237	1.8
1 + 32	33	25	.2
2 + 32	34	51	.4
1 + 2 + 32	35	20	.2
4 + 32	36	72	.5
1 + 4 + 32	37	7	.1

F110 cont.)	VALUE	FREQUENCY	PERCENT
2 + 4 + 32	38	10	.1
1 + 2 + 4 + 32	39	10	.1
8 + 32	40	19	.1
1 + 8 + 32	41	2	.0
2 + 8 + 32	42	1	.0
1 + 2 + 8 + 32	43	4	.0
4 + 8 + 32	44	7	.1
1 + 4 + 8 + 32	45	7	.1
2 + 4 + 8 + 32	46	3	.0
1 + 2 + 4 + 8 + 32	47	9	.1
16 + 32	48	88	.7
1 + 16 + 32	49	6	.0
2 + 16 + 32	50	6	.0
4 + 16 + 32	52	1	.0
8 + 16 + 32	56	1	.0
		-----	-----
	TOTAL	13135	100.0

## F111 Coder code

No Test Booklet	-3	69	.5
Not known	-2	9	.1
1st coder	1	3637	27.7
2nd coder	2	586	4.5
3rd coder	3	4118	31.4
4th coder	4	4595	35.0
5th coder	5	121	.9
		-----	-----
	TOTAL	13135	100.0

## F112 Age at testing in days

Not given	-3	317	2.4
Age given		12818	97.6
		-----	-----
	TOTAL	13135	100.0

range 1788 - 2297

## SECTION H: DERIVED VARIABLES

Human Figure Drawing score using Harris scoring method

Purpose: To provide a total score based on a simple point system of scoring human figure drawings given in D.B. Harris, 1963, Children's Drawings as Measures of Intellectual Maturity, New York, Harcourt, Brace and World Inc.

Variables used: F021 to F050 for first human figure drawing (HFD(1)), F053 to F082 for second human figure drawing (HFD(2))

The score for drawing No.1 is compiled by adding the value 1 each time the following occur:

F022-F034, F036-F046, F050 = 1,  
F021 = 1,2,4 or 5, F035 = 1,2 or 5, F047 = 1 or 2,  
Two points are added each time F021 = 3, F048 = 1 or 2,  
Three points are added if F049 = 1 or 2.

The score for drawing No. 2 is compiled by adding the value 1 each time the following occur:

F054 - F066, F068 - F078, F082 = 1,  
F053 = 1,2,4 or 5, F067 = 1,2 or 5, F079 = 1 or 2,  
Two points are added each time F053 = 3, F080 = 1 or 2,  
Three points are added if F081 = 1 or 2.

## F113 HFD-1-score Harris scoring method

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
	1	22	.2
	2	18	.1
	3	69	.5
	4	215	1.6
	5	341	2.6
	6	631	4.8
	7	971	7.4
	8	1288	9.8
	9	1519	11.6
	10	1581	12.0
	11	1563	11.9
	12	1372	10.4
	13	1104	8.4
	14	832	6.3
	15	545	4.1
	16	319	2.4
	17	185	1.4
	18	115	.9
	19	53	.4
	20	21	.2
	21	11	.1
	22	7	.1
	23	2	.0
		-----	-----
TOTAL		13135	100.0

## F114 HFD-2-score: Harris scoring method

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
	1	9	.1
	2	21	.2
	3	68	.5
	4	192	1.5
	5	353	2.7
	6	616	4.7
	7	993	7.6
	8	1305	9.9
	9	1461	11.1
	10	1621	12.3
	11	1536	11.7
	12	1331	10.1
	13	1056	8.0
	14	801	6.1
	15	498	3.8
	16	345	2.6
	17	176	1.3
	18	97	.7
	19	50	.4
	20	19	.1
	21	12	.1
	22	3	.0
	23	1	.0
		-----	-----
TOTAL		13135	100.0



Human Figure Drawing score using Koppitz scoring method

Purpose: To provide a total score based on a system of scoring suggested by E.M. Koppitz, 1968, Psychological Evaluation of Children's Human Figure Drawings, New York, Grure and Stratton.

Specification: The distributions on the individual items of the test for both HFD(1) and HFD(2) were examined for the 8,953 and 8,810 cases, respectively, who completed scorable drawings within a period of 32 days. These constituted 71% of the sample who completed a drawing. Weights were assigned to values of items depending on the frequency with which they appeared in the children's drawings.

Items which appeared frequently in drawings were assigned negative weights which were applied if children did not produce them.

Items which appeared infrequently in drawings were assigned positive weights which were applied if children did produce them.

These are the equivalent of the expected and unexpected items as described by Koppitz for this age group.

Table 1

	Proportion of children drawing an item		Weight
Expected items	$\geq 90\%$	$\leq 100\%$	-2
	$\geq 70\%$	$< 90\%$	-1
	$\geq 30\%$	$< 70\%$	0
Unexpected items	$\geq 10\%$	$< 30\%$	+1
	$\geq 0\%$	$< 10\%$	+2

The actual weights assigned to the values of the items comprising the test are given in Table 2.

Table 2

## Scoring Human Figure Drawings using Koppitz method

Variable HFD(1)	HFD(2)	Value	Weights
F021	F053	0	-2
F022	F054	0	-2
F041	F073	0	-2
F025	F057	0	-1
F027	F059	0	-1
F032	F064	0	-1
F033	F065	0	-1
F023	F055	1	+1
F024	F056	1 to 3	+1
F029	F061	1	+1
F035	F067	1, 2, or 5	+1
F038	F070	1	+1
F040	F072	1	+1
F045	F077	1	+1
F047	F079	1 or 2	+1
F026	F058	1	+2
F028	F060	1	+2
F031	F063	1	+2
F036	F068	1	+2
F037	F069	1	+2
F043	F075	1	+2
F046	F078	1	+2
F048	F080	1 or 2	+2
F049	F081	1 or 2	+2
F050	F082	1	+2

All other values were given a weight of zero.

10 was added to give all positive scores.

Theoretical range: minimum 1  
maximum 36

## F115 HFD-1-score: Koppitz scoring method

Test not attempted	-3	212	1.6
Not scorable	-2	139	1.1
	2	25	.2
	3	14	.1
	4	39	.3
	5	115	.9
	6	277	2.1
	7	419	3.2
	8	692	5.3
	9	1609	12.2
	10	2787	21.2
	11	2576	19.6
	12	1881	14.3
	13	1133	8.6
	14	635	4.8
	15	302	2.3
	16	155	1.2
	17	70	.5
	18	35	.3
	19	9	.1
	20	9	.1
	21	1	.0
	22	1	.0
		-----	-----
TOTAL		13135	100.0

## F116 HFD-2-score: Koppitz scoring method

Test not attempted	-3	464	3.5
Not scorable	-2	107	.8
	1	2	.0
	2	11	.1
	3	12	.1
	4	46	.4
	5	113	.9
	6	235	1.8
	7	416	3.2
	8	789	6.0
	9	1593	12.1
	10	2848	21.7
	11	2513	19.1
	12	1768	13.5
	13	1129	8.6
	14	547	4.2
	15	285	2.2
	16	145	1.1
	17	66	.5
	18	30	.2
	19	8	.1
	20	5	.0
	21	2	.0
	22	1	.0
		-----	-----
TOTAL		13135	100.0

English Picture Vocabulary test raw score

Purpose: To obtain raw score based on scoring method prescribed by M.A. Brimer and L.M. Dunn, 1962, Manual for the Picture Vocabulary Test, Bristol, Education Evaluation Enterprises, pp 9, 10.

Specification: The EPVT raw score is the number of correct responses which occurred between and including the base item and the ceiling item.

Thus raw score = VAR F086 - VAR F085 - VAR F087 + 1.

A raw score could not be computed for any of the following cases:

VAR F085 = -3 (F117 = -3) Child did not attempt the test, including if the whole Test Booklet was not completed.

VAR F085 = -2 (F117 = -2) Test not scorable because completed incorrectly by interviewer.

VAR F085 = 0 (F117 = 0) No base item. The vocabulary level of these children was below the lower limit of the test.

VAR F086 = 90 (F117 = -2) Test was incorrectly stopped before the child reached a ceiling item. This was usually because the tester stopped testing after the child had made five mistakes altogether instead of five errors in a run of eight items.

VAR F086 = 91 (F117 = 60) Ceiling item not reached, i.e. child continued to last item without making five errors in a run of eight items.

## F117 EPVT Raw score

Test not attempted	-3	257	2.0
Not scorable	-2	643	4.9
No base item	0	64	.5
	5	21	.2
	6	20	.2
	7	30	.2
	8	43	.3
	9	55	.4
	10	60	.5
	11	76	.6
	12	59	.4
	13	107	.8
	14	91	.7
	15	80	.6
	16	86	.7
	17	113	.9
	18	128	1.0
	19	143	1.1
	20	115	.9
	21	156	1.2
	22	183	1.4
	23	159	1.2
	24	197	1.5
	25	172	1.3
	26	222	1.7
	27	274	2.1
	28	272	2.1
	29	321	2.4
	30	399	3.0
	31	375	2.9
	32	401	3.1
	33	417	3.2
	34	391	3.0
	35	400	3.0
	36	406	3.1
	37	435	3.3
	38	458	3.5
	39	495	3.8
	40	442	3.4
	41	499	3.8
	42	454	3.5
	43	378	2.9
	44	322	2.5
	45	300	2.3
	46	196	1.5
	47	150	1.1
	48	88	.7
	49	52	.4
	50	30	.2
	51	3	.0
No ceiling item	60	1897	14.4
		-----	-----
TOTAL		13135	100.0

Profile Test Score

Purpose: To obtain indicator of spatial-constructive development as suggested by Alex F. Kalverboer, Departmental Neurology, University Hospital, Groningen, The Netherlands.

Specification: Presence of feature

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Variable	Code	Description	Weight
F090	2	Two eyes drawn	1
	1	One eye drawn	2
F091	2	Two ears drawn	1
	1	One ear drawn	2
F092	1	Nose drawn within profile	1
	2	Nostril added to profile	2
	-	No nose features drawn but single eye or ear drawn implying that nose in profile is complete and no additions necessary	2
F093	1	Additional mouth drawn within profile	1
	2	Teeth or other drawing indicating recognition of mouth in profile	2
	-	No mouth drawn but single eye or ear drawn implying that mouth in profile is complete and no addition necessary	2
F094	1	Hair indicated	1
<b>Spatial position and shape</b>			
F095	1	Single eye drawn close to correct position	1
	2	Single eye drawn in correct position	2

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## F118 Profile Test score

Test not attempted	-3	684	5.2
	0	11	.1
	1	760	5.8
	2	1272	9.7
	3	1883	14.3
	4	953	7.3
	5	483	3.7
	6	256	1.9
	7	409	3.1
	8	1287	9.8
	9	1553	11.8
	10	955	7.3
	11	713	5.4
	12	548	4.2
	13	878	6.7
	14	462	3.5
	15	24	.2
	16	4	.0
		-----	-----
TOTAL		13135	100.0

Copying Designs Score

Purpose: To obtain index of visual-motor co-ordination.

Variables used: VAR F004 to VAR F019.

Specification: As not all children completed two drawings of each design, a weight of one was given if at least one good copy was made of a given design.

Theoretical range: Maximum score = 0  
Minimum score = 8

If no attempt was made at copying any design,  
F119 = -3.

A score of zero was obtained if a child attempted to copy one or more designs which were judged to be poor copies.

## F119 Copying Designs score

Test not attempted	-3	107	.8
	0	78	.6
	1	375	2.9
	2	1357	10.3
	3	2267	17.3
	4	2143	16.3
	5	2100	16.0
	6	1743	13.3
	7	1561	11.9
	8	1404	10.7
		-----	-----
TOTAL		13135	100.0



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# Child Health and Education in the Seventies

A national study in England, Wales and Scotland of all children born 5th–11th April 1970

Under the auspices of the University of Bristol  
and the National Birthday Trust Fund

Department of Child Health Research Unit  
University of Bristol  
Bristol BS2 8BH  
Tel Bristol 27745/22041

Director Professor Neville R Butler, MD, FRCP, DCH

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CONFIDENTIAL

## TEST BOOKLET

Health District Code

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Child's Local Serial Number

--	--	--

Child's Central Survey Number

--	--	--	--	--	--

Full Name of the Child

Sex

Address

Date of birth

April 1970

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## Introduction

To complete the tests in this booklet the following are needed

- A pencil for the child's use
- The English Picture Vocabulary Test Series of Plates
- Word card for Reading Test
- A tape measure

Tests and measurements to be completed

- A Copying Designs Test
- B Human Figure Drawing (Draw-a-Man Test)
- C English Picture Vocabulary Test (Survey Version)
- D Profile Test
- E Reading Test
- F Measurements of child's height and head circumference

**Please read the instructions for each test carefully before going to the interview**

It is useful to try out the tests with another child to familiarise yourself with the procedures beforehand.

The tests can easily be done in the child's own home and it is recommended that they are done in the order given. They need not be administered in one continuous session, for example, the Human Figure Drawing and Copying Designs Test could be done by the child before the interview with the mother or in a break during it and the other tests afterwards.

Put the child at his/her ease in the usual way before starting any test. While you will obviously show the child that you are interested in his/her response in general, be very careful not to influence his/her responses in any way.

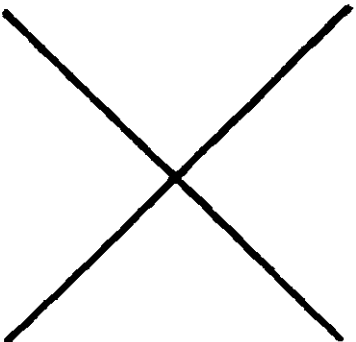
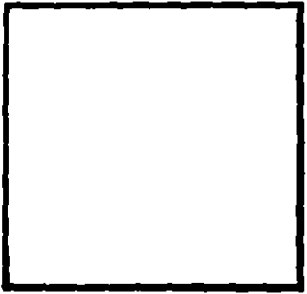
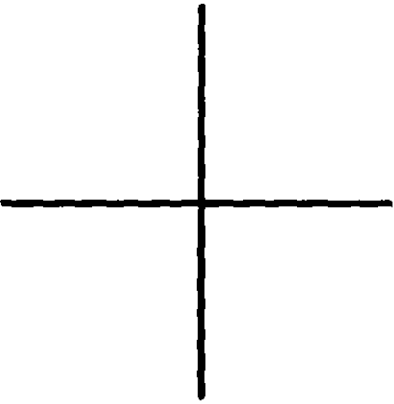
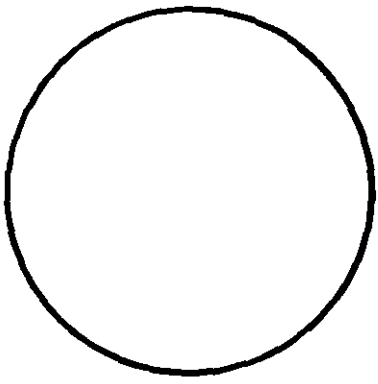
If a child refuses any test, go on with the others and return to any refused later

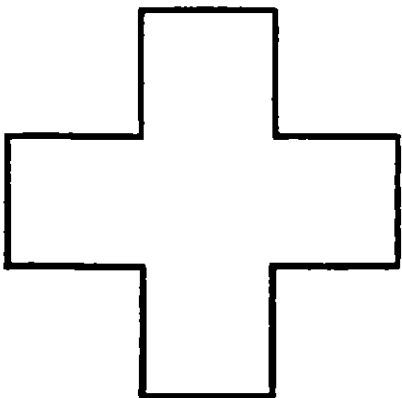
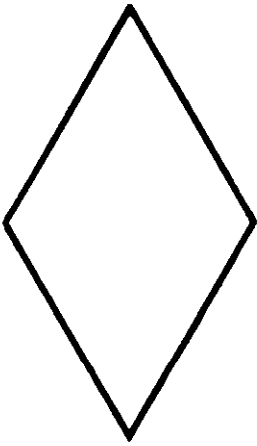
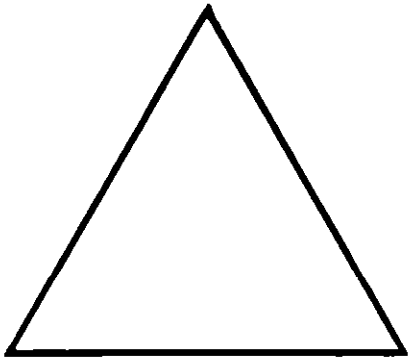
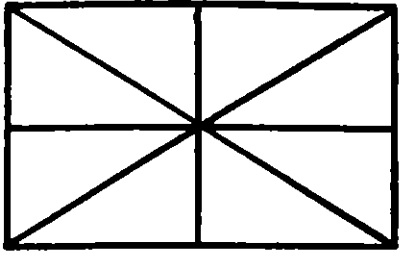
## A. Copying Designs Test

- 1 Ask the child to copy the designs on the next two pages as carefully as possible
- 2 Fold the book back so that the child can see only one page at a time
- 3 Point to each design in turn and say "see if you can make one just like this—here" and point to the space beside the design
- 4 Two attempts should be made at each design

DO NOT GIVE THE CHILD ANY MORE HELP THAN THESE INSTRUCTIONS ALLOW

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## B Human Figure Drawing (Draw-a-Man Test)

- 1 Ask the child to "make a picture of a man or lady" on the page opposite this one. Terms such as "daddy", "mummy", "boy", "girl", etc. may be used in place of "man" or "lady" if the child responds better to these.
- 2 Ask him/her to make the best picture he/she can and to draw a whole person, not just a face or head.
- 3 When the child stops drawing, ask if it is finished and allow him/her to make any additions he/she wants to. Be careful, however, not to suggest additions.
- 4 When the drawing is finished, ask the child what it is and note what he/she says at the bottom of the page.
- 5 Then ask the child to make another picture on the next page of a person the opposite sex to the first. Note what the child says it is at the bottom.
- 6 If it is not clear, ask the child to say what the various parts of the drawings are and label them. Do this by asking, "What's this?" and pointing but do not ask questions such as "Where's his arm?, legs?, eyes?" etc.

DO NOT GIVE THE CHILD ANY MORE HELP THAN THESE INSTRUCTIONS ALLOW



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## **C English Picture Vocabulary Test** (Survey Version)

### **The Test**

Each page of the "English Picture Vocabulary Test Series of Plates" (E P V T booklet) contains four different pictures numbered 1, 2, 3, 4, one of which is a picture of a test word to be found on the score sheet for this test. The object of the test is for the child to identify the pictures, which correspond to the test words. The test words become harder as the test progresses. Do not attempt the test with non English-speaking children.

### **Introducing the Test**

- 1 Show the child the first page (P) of pictures in the E P V T booklet and read the instructions opposite page P keeping as close as possible to natural speech. The child should point to the picture corresponding to the test word "ball".
- 2 If the child points to a different (i.e. incorrect) picture, ask him /her again to find the picture of "ball". If a wrong picture is again picked out, go over the procedure again until the child understands what to do but do not show him/her the right answer.
- 3 If the child is shy or physically handicapped and refuses or is unable to point, you should point to each picture in turn yourself, asking, "Is it this one?" and establish a signal, e.g. nodding, for the child to select a picture. Be careful not to pause longer over the right picture than over the others, or the child will guess.

### **Practice Words**

The next three pages in the E P V T booklet (A, B and C) are for practicing the test. Using the procedure established in introducing the test, make sure the child understands what to do by going through these in the same way using the test words spoon, chair and car, as shown on the score sheet.

If the child persists in pointing to the picture in the same position on each page, e.g. always picture 1, go over the practice words again, saying, "Which is the picture of —?" pointing to each of the pictures on the page until the child understands.

### **Things to avoid when doing the Test**

- 1 Do not say anything other than the test word for each page given on the score sheet.
- 2 Do not give alternative words in place of the test words, e.g. hen in place of chicken, even if you think this is the word the child normally uses.
- 3 Do not use "a", "an" or "the" with the words and do not use plurals unless this is given on the score sheet (e.g. 24, tweezers but 27, binocular).
- 4 Do not give clues or tell the child if he/she is right or wrong. If child asks directly about this, say, "You are getting on fine" or something like this.

### Conducting the Test

After the first four pages described above, the child should understand what to do and be given no more help whatsoever. The following procedure should then be adhered to closely:

- 1 Show a page and say the single test word printed on the score sheet for that page, e.g. 'drum'. Do not say anything else but 'drum' for the first page, 'time' for the second page, and so on. The test word for each page may, however, be given more than once and, if there is a different local pronunciation, this can be used as well as the standard version.
- 2 If the child points to the correct picture put the number of that picture in the left-hand box by the test word on the score sheet.
- 3 If the child points to the wrong picture put the number of the picture chosen by the child in the right hand box by the test word on the score sheet.
- 4 If the child says he does not know the answer encourage him/her by asking, "Which do you think fits the word best?" If he/she still refuses to pick a picture, draw a line through both boxes for that word on the score sheet and continue with the test. Such refusals count as errors for the purpose of this test.
- 5 Continue with the subsequent pages of pictures in the same way.
- 6 After page 27, turn the book around to continue page 28 onward.

### When to stop Testing

Stop testing when the child makes five consecutive errors. This will be when there are five consecutive entries in the right hand column.

Below is an example of a test which was stopped at word 30.

15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	goat	29	<input type="checkbox"/>	<input type="checkbox"/>	barber
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	peeping	30	<input type="checkbox"/>	<input checked="" type="checkbox"/>	wasp
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	temperature	31	<input type="checkbox"/>	<input type="checkbox"/>	yawning
18	<input type="checkbox"/>	<input checked="" type="checkbox"/>	signal	32	<input type="checkbox"/>	<input type="checkbox"/>	captain
19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	river	33	<input type="checkbox"/>	<input type="checkbox"/>	trunk
20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	badge	34	<input type="checkbox"/>	<input type="checkbox"/>	argument
21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	hook	35	<input type="checkbox"/>	<input type="checkbox"/>	coin
22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	whale	36	<input type="checkbox"/>	<input type="checkbox"/>	hive
23	<input type="checkbox"/>	<input checked="" type="checkbox"/>	acrobat	37	<input type="checkbox"/>	<input type="checkbox"/>	chemist
24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	tweezers	38	<input type="checkbox"/>	<input type="checkbox"/>	funnel
25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	submarine	39	<input type="checkbox"/>	<input type="checkbox"/>	insect
26	<input type="checkbox"/>	<input checked="" type="checkbox"/>	balancing	40	<input type="checkbox"/>	<input type="checkbox"/>	cutlery
27	<input type="checkbox"/>	<input checked="" type="checkbox"/>	binocular	41	<input type="checkbox"/>	<input type="checkbox"/>	shears
28	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ornament	42	<input type="checkbox"/>	<input type="checkbox"/>	exhausted

### After the Test

If the child has persisted during the test in pointing to the same picture position on each page, indicate this by answering the separate question about this at the bottom of the score sheet.

**English Picture Vocabulary Test Score Sheet**  
(Survey Version)

Introductory word (Page P)

P   ball

Practice words (Pages A, B & C)

A   spoon

B   chair

C   car

Test words (Pages 1 to 56)

- |  |  |  |  |
|--|--|--|--|
| 1 <input type="checkbox"/> <input type="checkbox"/> drum       | 15 <input type="checkbox"/> <input type="checkbox"/> goat        | 29 <input type="checkbox"/> <input type="checkbox"/> barber    | 43 <input type="checkbox"/> <input type="checkbox"/> sole        |
| 2 <input type="checkbox"/> <input type="checkbox"/> time       | 16 <input type="checkbox"/> <input type="checkbox"/> peeping     | 30 <input type="checkbox"/> <input type="checkbox"/> wasp      | 44 <input type="checkbox"/> <input type="checkbox"/> walrus      |
| 3 <input type="checkbox"/> <input type="checkbox"/> fence      | 17 <input type="checkbox"/> <input type="checkbox"/> temperature | 31 <input type="checkbox"/> <input type="checkbox"/> yawning   | 45 <input type="checkbox"/> <input type="checkbox"/> weapon      |
| 4 <input type="checkbox"/> <input type="checkbox"/> skiing     | 18 <input type="checkbox"/> <input type="checkbox"/> signal      | 32 <input type="checkbox"/> <input type="checkbox"/> captain   | 46 <input type="checkbox"/> <input type="checkbox"/> sentry      |
| 5 <input type="checkbox"/> <input type="checkbox"/> chicken    | 19 <input type="checkbox"/> <input type="checkbox"/> river       | 33 <input type="checkbox"/> <input type="checkbox"/> trunk     | 47 <input type="checkbox"/> <input type="checkbox"/> wailing     |
| 6 <input type="checkbox"/> <input type="checkbox"/> climbing   | 20 <input type="checkbox"/> <input type="checkbox"/> badge       | 34 <input type="checkbox"/> <input type="checkbox"/> argument  | 48 <input type="checkbox"/> <input type="checkbox"/> globe       |
| 7 <input type="checkbox"/> <input type="checkbox"/> leaf       | 21 <input type="checkbox"/> <input type="checkbox"/> hook        | 35 <input type="checkbox"/> <input type="checkbox"/> coin      | 49 <input type="checkbox"/> <input type="checkbox"/> valve       |
| 8 <input type="checkbox"/> <input type="checkbox"/> digging    | 22 <input type="checkbox"/> <input type="checkbox"/> whale       | 36 <input type="checkbox"/> <input type="checkbox"/> hive      | 50 <input type="checkbox"/> <input type="checkbox"/> plumage     |
| 9 <input type="checkbox"/> <input type="checkbox"/> teacher    | 23 <input type="checkbox"/> <input type="checkbox"/> acrobat     | 37 <input type="checkbox"/> <input type="checkbox"/> chemist   | 51 <input type="checkbox"/> <input type="checkbox"/> assistance  |
| 10 <input type="checkbox"/> <input type="checkbox"/> sewing    | 24 <input type="checkbox"/> <input type="checkbox"/> tweezers    | 38 <input type="checkbox"/> <input type="checkbox"/> funnel    | 52 <input type="checkbox"/> <input type="checkbox"/> carpenter   |
| 11 <input type="checkbox"/> <input type="checkbox"/> nest      | 25 <input type="checkbox"/> <input type="checkbox"/> submarine   | 39 <input type="checkbox"/> <input type="checkbox"/> insect    | 53 <input type="checkbox"/> <input type="checkbox"/> destruction |
| 12 <input type="checkbox"/> <input type="checkbox"/> arrow     | 26 <input type="checkbox"/> <input type="checkbox"/> balancing   | 40 <input type="checkbox"/> <input type="checkbox"/> cutlery   | 54 <input type="checkbox"/> <input type="checkbox"/> spire       |
| 13 <input type="checkbox"/> <input type="checkbox"/> parachute | 27 <input type="checkbox"/> <input type="checkbox"/> binocular   | 41 <input type="checkbox"/> <input type="checkbox"/> shears    | 55 <input type="checkbox"/> <input type="checkbox"/> reel        |
| 14 <input type="checkbox"/> <input type="checkbox"/> cobweb    | 28 <input type="checkbox"/> <input type="checkbox"/> ornament    | 42 <input type="checkbox"/> <input type="checkbox"/> exhausted | 56 <input type="checkbox"/> <input type="checkbox"/> coast       |

Did the child persist during the test in pointing to the same picture position on each page?

Yes

No

*Please ring*

1

2

*The instructions and method of scoring for this test have been produced as a result of trials and are not exactly as described by M. A. Brimer and Lloyd M. Dunn*

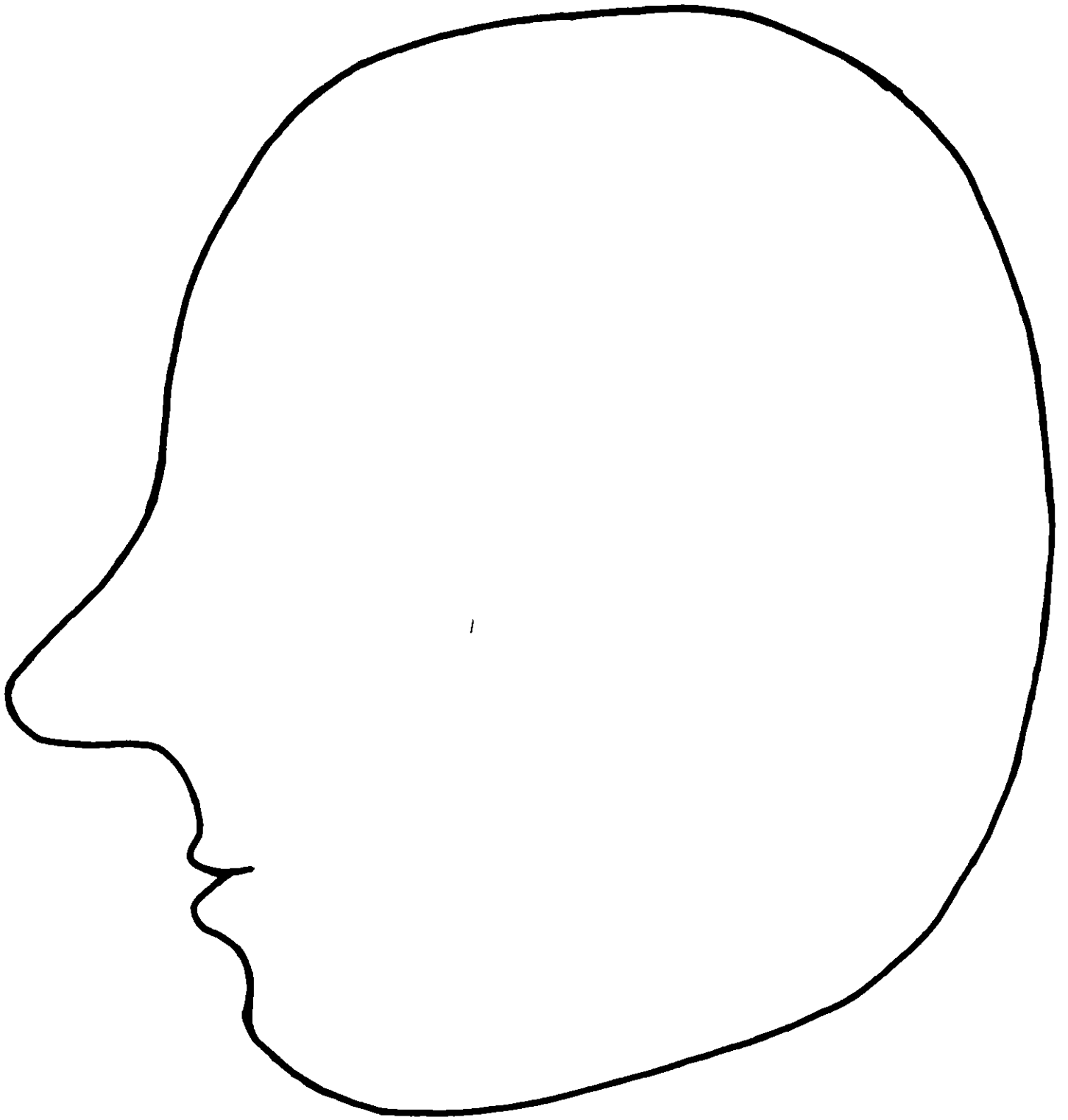
## D Profile Test

- 1 The object of this test is for the child to complete the profile drawn on the page opposite
- 2 Make sure that the child understands what the drawing is by introducing it in the following way and answer the question at the foot of this page \*
  - (a) Point to the profile and say,  
"What do you think this is?" The child should show that he/she understands what it is by replying "a head", "a face", "a man", etc  
If the child does not show that he/she understands what it is, ask,
  - (b) "Can you see what this is?" and follow with your finger the left side of the outline of the profile from forehead to the chin  
If profile is still not recognised, say,
  - (c) "Look, this is a face, isn't it?" and trace around the left side of the profile with your finger as before
- 3 As soon as the child recognises what the drawing is, or you have explained it, say, "Do you think you could finish it for me? Draw everything that is missing in it"
- 4 When the child stops drawing, ask if it is finished and allow him/her to make any additions he/she wants to Be careful, however, not to suggest additions If it is not clear, ask the child to say what the various parts of the drawing are and label them, ear, eye, mouth, etc Do this by asking, "What's this?", and pointing

DO NOT GIVE THE CHILD ANY MORE HELP THAN THESE INSTRUCTIONS ALLOW

\*At what stage in introducing the profile did the child show he/she recognised what the drawing is?

	<i>Please ring</i>
stage (a)	1
stage (b)	2
stage (c)	3



## E Reading Test

Ask the mother if she thinks the child has begun to read at all

	<i>Please ring</i>
No child can read nothing or has not tried	1
Yes child can read – some letters	2
– some words	3
– simple sentences	4
Cannot say if child can read	5
Other reply, give details	6

If no, or the child reads letters only, omit reading test

### Administering the reading test

If mother says the child can read some words or sentences, show the word-card to the child and ask if he/she would read out as many of the words as he/she can. Point to the first word and say, "See if you can say this one". If child responds, say, "Now try these others", and run your finger from word to word across the first five words at the top of the card. If the child misses a word out, point to that word on the word card and say, "Can you tell me this one?" and record the response. Then continue with the second and subsequent rows in the same way.

### How to record responses on score sheet below

Put a tick  in the box against each word the child reads correctly

Put a cross  if read incorrectly or response is unintelligible or for any other response, e.g. child says "Don't know"

Leave box blank if no response

Where there is an irregularity of speech or articulation, e.g. "tee" for "tree", or "fink" for "think", count as correct if it is clearly an attempt to say the word in question

### When to stop Testing

The child should continue the test until he/she makes five consecutive mistakes, or refuses to continue

DO NOT GIVE THE CHILD ANY MORE HELP THAN THESE INSTRUCTIONS ALLOW

### Reading Test Score Sheet

<input type="checkbox"/> tree	<input type="checkbox"/> little	<input type="checkbox"/> milk	<input type="checkbox"/> egg	<input type="checkbox"/> book
<input type="checkbox"/> school	<input type="checkbox"/> sit	<input type="checkbox"/> frog	<input type="checkbox"/> playing	<input type="checkbox"/> bun
<input type="checkbox"/> flower	<input type="checkbox"/> road	<input type="checkbox"/> clock	<input type="checkbox"/> train	<input type="checkbox"/> light
<input type="checkbox"/> picture	<input type="checkbox"/> think	<input type="checkbox"/> summer	<input type="checkbox"/> people	<input type="checkbox"/> something
<input type="checkbox"/> dream	<input type="checkbox"/> downstairs	<input type="checkbox"/> biscuit	<input type="checkbox"/> shepherd	<input type="checkbox"/> thirsty
<input type="checkbox"/> crowd	<input type="checkbox"/> sandwich	<input type="checkbox"/> beginning	<input type="checkbox"/> postage	<input type="checkbox"/> island
<input type="checkbox"/> saucer	<input type="checkbox"/> angel	<input type="checkbox"/> ceiling	<input type="checkbox"/> appeared	<input type="checkbox"/> gnome
<input type="checkbox"/> canary	<input type="checkbox"/> attractive	<input type="checkbox"/> imagine	<input type="checkbox"/> nephew	<input type="checkbox"/> gradually
<input type="checkbox"/> smoulder	<input type="checkbox"/> applaud	<input type="checkbox"/> disposal	<input type="checkbox"/> nourished	<input type="checkbox"/> diseased
<input type="checkbox"/> university	<input type="checkbox"/> orchestra	<input type="checkbox"/> knowledge	<input type="checkbox"/> audience	<input type="checkbox"/> situated

*The test words from the Schonell Reading Test are reproduced by permission of the publishers, Oliver and Boyd, Edinburgh. The instructions and method of scoring for this test are not exactly as described by the author F. Schonell.*

## F. Child's Measurements

Give in inches and parts of inches or in centimetres

- |     |                        |        |
|-----|------------------------|--------|
| (a) | Height (without shoes) | inches |
|     |                        | cms    |
| (b) | Head circumference     | inches |
|     |                        | cms    |

*Measure around forehead and occiput recording maximum circumference as accurately as possible*

### Test Conditions

1 Where were tests carried out?

- |                      |   |
|----------------------|---|
| Child's own home     | 1 |
| Other place, specify | 2 |

2 How readily did the child respond to the tests?

*If child was not asked to try a test, ring the 4 against the relevant test(s) and explain why any test was not given*

	Normal response	Slow response (e.g. Shy)	Child refused	Test not given	If not tested, give reason
Copying Designs Test	1	2	3	4	
Human Figure Drawing (Draw-a-Man)	1	2	3	4	
English Picture Vocabulary Test (Survey Version)	1	2	3	4	
Profile Test	1	2	3	4	
Reading Test	1	2	3	4	

3 Were there any distractions, interruptions or other disturbances when the child was being tested?

- Ring all that apply*
- |  |   |
|--|---|
| Yes—   |   |
| remarks made about child's performance       | 1 |
| child was encouraged to respond              | 2 |
| other children were noisy or interrupted     | 3 |
| other noise or distraction e.g. TV /radio on | 4 |
| No, test conditions reasonable               | 5 |
| Other situation please describe              | 6 |

4 Date of testing

5 Name of interviewer

6 Area Health Authority/Health Board

7 District