

THE 1970 BIRTH COHORT

**DATA DEPOSITED WITH THE ESRC
SURVEY ARCHIVE**

(A) Birth

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CONTENTS

I.	Reasons for the Birth Survey	
	Organisation of the survey	1-11
	Distribution of Forms	11
	Completion of the Forms	11-111
	The Questionnaire	111
	Period Covered by the Survey	111
	Missing Cases	111
II.	References	1v
III.	List of publications from the Child Health & Education Study	
	Chapters in Books	1v
	Articles in Journals	v-v1
	Reports	v11
IV.	Projects in hand as of July 1989	v11
V.	The data	
	Part I	1-21
	Part II	22-115
	Part III	116-165
VI.	The Questionnaire	
VIII.	Index	

REASONS FOR THE BIRTH SURVEY

The 1970 birth survey was firmly built on the reputation of the 1958 study. This, known as the British Perinatal Mortality Survey studied all births in one week of March 1958 together with 7,000 stillbirths and neonatal deaths occurring over a 3 month period. This birth survey was the basis of the National Child Development Study, the data for which are on the ESRC survey archives.

The outstanding success of the two publications arising from the 1958 survey,^{1,2} and their great contribution to the improvement of maternal and neonatal care, gave a clear call to the National Birthday Trust Fund and the Royal College of Obstetricians and Gynaecologists, with generous help from associated organisations, to initiate a fresh survey. Thus another national survey of all deliveries took place during one week in 1970.

It is difficult in retrospect to ascertain the overall aims of this survey. They were not quoted in either of the two books published as a result of the survey (Chamberlain et al 1975; Chamberlain et al 1978). Nevertheless, whether it was intended to or not, the study has been responsible for a number of important findings. The publications are listed at the end of this section.

Organisation of the survey

It was felt important that the Survey should be as comprehensive as possible and not be confined to patients cared for under the National Health Service. A working party was formed to consider the administration of the Survey.

Wide publicity was given by the professional organisations to all doctors, midwives and nurses working in the maternity services. Articles were published in the midwifery and nursing journals and, following a request by the British Medical Association, the Chief Medical Officers of England, Wales, Scotland and Northern Ireland agreed to write to individual general practitioners asking them to co-operate with the enquiry.

Within the National Health Service the Boards of Governors of Teaching Hospitals and Senior Administrative Medical Officers agreed to co-operate in the enquiry. As a result, all but one of the N.H.S. hospitals in the United Kingdom took part in the Survey.

Only two of the Medical Officers of Health of the major and delegated local health authorities were unable to take part. In one of these areas the Regional Hospital Board kindly arranged to check that all the hospital births were included so that only a small number of domiciliary births would be missed and, despite a staff shortage, the other local health authority arranged for the domiciliary midwives to complete the forms for all the "early discharges" from hospital but was unable to include the few domiciliary births.

In Northern Ireland the Ministry of Health and Social Services appointed a special committee under the chairmanship of Professor Macafee to organise the survey in their area. They conformed to the standard administrative pattern, collecting and checking the completed forms in their department before returning them to the British Births Survey so that they could be analysed with the data from the other countries.

The Director-General of Army Medical Services and the Director-General of Medical Services, Royal Air Force arranged for the Service hospitals to take part. (The Royal Navy has no obstetric hospitals). Arrangements were also made by the Prison Medical Service for forms to be completed in the unlikely event of any baby being born in one of their hospitals. Through the National Association for the Unmarried Mother and her Child and the local health authorities the majority of mother and baby homes who undertook the care of mothers during delivery were contacted. Medical Officers of Health also enlisted the help of many of the private maternity homes in their areas. In addition, the wide publicity given by the national press resulted in one or two midwives in private practice writing to ask for forms.

Distribution of Forms

For National Health Service hospitals, the forms were distributed through the Group Secretaries of Hospital Management Committees and the Secretaries of the Boards of Governors in England and Wales, and the Medical Superintendents in Scotland. For domiciliary births the forms were sent to the Medical Officers of Health of the major local health authorities, who usually supplied them to the local mother and baby homes and some of the private maternity homes. The remainder were sent direct from the Survey.

In Northern Ireland the distribution and collection of the questionnaires was undertaken by the Ministry of Health and Social Services.

Each mother was given a letter asking if she would take part in the enquiry, and whether she would answer the questions in the first part of the form. Any mother who did not wish to take part was excluded from the Survey.

Completion of the Forms

Each form was completed by the midwife who had undertaken the delivery, or in some hospitals by a senior midwife. If the mother moved at any time during the first seven days after childbirth to another hospital, to her home or to any other address, she was usually handed the questionnaire in a sealed envelope to be given to the midwife. Sometimes it was sent on direct. Where the mother and baby were cared for in different places, the form was first filled in for the mother and then sent on to the staff caring for the baby, for completion. In this way information was collected on all events which occurred during the first week of life.

The senior midwives in the hospital and domiciliary services were asked to check that all the questions had been answered before the forms were finally sent to the departments of the Medical Officers of Health. Here, they were matched against the notification of birth returns so that any missing births could be identified.

The Questionnaire

The questionnaire is reproduced at the back of this volume. Part I was normally completed by the midwife in an interview with the mother shortly after the birth. Where there were language difficulties, relatives and friends often helped to interpret. The remainder was completed from the records and from personal experience. Part III related to the first seven days after the birth, some portions being filled in as a diary. For multiple births separate forms were completed for each child.

Period Covered by the Survey

Information was requested on all babies born (alive or dead) after the 24th week of gestation from 00.01 hours on Sunday, 5th April to 24.00 hours on Saturday, 11th April, 1970.

Missing Cases

Every attempt has been made to identify the births which were missing from the enquiry. Official statistics of the exact number of children born in any particular week are not available, but as already stated the majority of local authorities matched their returns against the notification of births and were able to identify those missing, in many cases stating the reasons.

It is not possible to state exactly how many births are missing, but reasons why 315 of the babies were not included have been published. An analysis is also given of the missing deaths by cause and social class.³ From these estimates it appears that probably not more than five percent and not less than two percent of the births have been missed. It also appears unlikely that the missing deaths affect the conclusions, except that the death rates among the higher social classes are probably underestimated.

References

1. Butler NR, Bonham DG. Perinatal Mortality. E & S Livingstone, Edinburgh 1963.
2. Butler NR, Alberman ED. Perinatal Problems. Edinburgh: Churchill Livingstone 1969.
3. Chamberlain R, Chamberlain G, Howlett BC and Claireaux A. British Births Volume 1. The First Week of Life. London: Heinemann 1975.

List of publications from the Child Health and Education Study Involving data from the Birth Survey - as of July 1989.

Books

- Chamberlain, G., Philipp, E., Howlett, B.C. and Masters, K. 1978 British Births: Vol. 2. Obstetric Care. London: Wm Heinemann.
- Chamberlain, R., Chamberlain, G., Howlett, B.C. and Claireaux, A. 1975 British Births. Vol. 1. The First Week of Life; London: Wm Heinemann.

Chapters in books

- Golding, J. and Butler, N.R. 1984
The socioeconomic factor. Prevention of Perinatal Mortality and Morbidity. Falkner, F. (ed.). Basel: Karger. pp 31-46.
- Golding, J. and Butler, N.R. 1984
Wheezing and stress? Stress and Disability in Childhood. The long-term problems. Butler, N.R. and Corner, B.D. (eds.). Bristol: Wright pp 87-99.
- Peters, T. and Golding, J. 1985
Assessing risk assessment. Advances in Perinatal Medicine, Vol. 4. Milunsky, A., Friedman, E.A. and Gluck, L. (eds.). New York: Plenum Press: pp 235-266.
- Golding, J. 1989
Illegitimate births. Do they suffer in the long term?
In: Early Influences Shaping the Individual. Doxiadis, S. & Stewart, S. (eds.). New York: Plenum Press.

Articles in Journals

Barker, D.J.P., Osmond, C., Golding, J., Kuh, D. and Wadsworth, M.E.J. Growth in utero, blood pressure in childhood and adult life, and mortality from cardiovascular disease. *British Medical Journal* 298: 564-567.

Burford, M. and Golding, J. Season of birth and atopic disease. *Medical Science Research*, 1987, 15 841-842.

Emond, A., Golding, J. and Peckham, C. 1989
Cerebral palsy in two national cohort studies. *Archives of Disease in Childhood* 64: 848-852.

Golding, J., Henriques, J. and Thomas, P.
Unmarried at delivery. II: Morbidity and Mortality. *Early Human Development* 1986, 14: 217-228.

Golding, J., Hicks, P. and Butler, N.R. Blood groups and socioeconomic class. *Nature* 1984; 309: 396-397.

Golding, J. and Peters, T.J.
What else do SIDS risk prediction scores predict? *Early Human Development* 1985; 12: 247-260.

Golding, J. and Peters, T.J. The Epidemiology of Childhood Eczema: I. A population based study of associations. *Paediatric & Perinatal Epidemiology* 1987; 1 67-79.

Golding, J. and Peters, T.J.
Are hospital confinements really more dangerous for the fetus? *Early Human Development* 1988, 17: 29-36.

Golding, J., Robinson, J., Henriques, J. and Thomas, P. Does conception before marriage matter? *British Journal of Obstetrics & Gynaecology* 1986, 94. 38-43.

Golding, J., Thomas, P.W. and Peters, T.J.
Does father's unemployment put the fetus at risk? *British Journal of Obstetrics & Gynaecology* 1986, 93. 704-710.

Henriques, J., Golding, J. and Thomas, P.
Unmarried at delivery I: The mothers and their care. *Early Human Development* 1986, 14. 217-228.

Peters, T.J. and Golding, J.
Prediction of sudden infant death syndrome. an independent evaluation of four scoring methods. *Statistics in Medicine* 1986, 5: 113-126.

Peters, T.J. and Golding, J. The Epidemiology of Childhood Eczema: II. Statistical analyses to identify independent early predictors. *Paediatric & Perinatal Epidemiology*, 1987; 1 80-94.

- Peters, T.J., Golding, J., Butler, N.R., Fryer, J.G., Lawrence, C.J. and Chamberlain, G.V.P. Plus ca change: predictors of birthweight in two national studies. *British Journal of Obstetrics & Gynaecology* 1983, 90 1040-1045.
- Peters, T.J., Golding, J., Lawrence, C.J., Fryer, J.G., Chamberlain, G.V.P. and Butler, N.R.
Factors associated with delayed onset of regular respiration. *Early Human Development* 1984; 9: 209-223.
- Peters, T.J., Golding, J., Lawrence, C.J., Fryer, J.G., Chamberlain, G.V.P. and Butler, N.R.
Delayed onset of regular respiration and subsequent development. *Early Human Development* 1984; 9: 225-239.
- Peters, T., Harragin, R. and Golding J.
Does delayed onset of regular respiration matter? *Health Visitor* 1985; 58: 255-256.
- Peters, T., Harragin, R. and Golding, J.
Do the maternal and social factors related to birthweight change over time? *Health Visitor* 1985; 58: 226-227.
- Rush, D. and Cassano, P.
Relationship of cigarette smoking and social class to birthweight and perinatal mortality among all births in Britain, 5-11 April 1970. *Journal of Epidemiology and Community Health* 1983; 37: 249-255.
- Taylor, B. and Wadsworth, J.
Maternal smoking during pregnancy and lower respiratory tract illness in early life. *Archives of Disease in Childhood* 1987, 62: 786-791.
- Taylor, B., Wadsworth, J. and Butler, N.R.
Teenage mothering. admission to hospital and accidents during the first five years. *Archives of Disease in Childhood* 1983; 58: 6-11.
- Thomas, P.W., Haslum, M.N., MacGillivray, I. and Golding, J.
Does fetal heart rate predict subsequent heart rate in childhood? *Early Human Development* 1989, 19: 147-152.
- Verity, C.M., Butler, N.R. and Golding, J.
Febrile convulsions in a national cohort followed up from birth. II: Medical history and intellectual ability at 5 years of age. *British Medical Journal* 1985, 290: 1311-1315.
- Wadsworth, J., Taylor, B., Osborn, A. and Butler, N.R.
Teenage mothering: child development at five years. *Journal of Child Psychology and Psychiatry* 1984; 25: 305-314.

Reports

Butler, N.R., Taylor, B. and Wadsworth, J.
Teenage Mothering. Report to the Department of Health and Social Security. Department of Child Health, University of Bristol.
1981.

Golding, J., Hicks, P. and Butler, N.R.
Eczema in the First Five Years. Report to the National Eczema Society. Department of Child Health, University of Bristol.
1982.

Henriques, J., Golding, J. and Thomas, P.
Children of single parents. The benefits and hazards. Single at delivery. Department of Child Health, University of Bristol.
1985.

Peters, T.J.
A Statistical Investigation of Risk Indicators for Perinatal Outcome and Early Child Development. Ph.D. Thesis. University of Exeter. 1985.

Thomas, P., Golding, J. and Peters, T.
Delayed Attendance for Antenatal Care. Report to the Health Promotion Trust. Department of Child Health, University of Bristol. 1986.

Projects in hand as of July 1989

1. Analgesia/anaesthesia in labour (T.J. Peters).
2. Smoking in pregnancy (J-A. Evans, J. Pollock).
3. Antenatal preparation and mothercraft classes (J. Pollock)
4. Hypertensive disorders of pregnancy (P. Thomas).
5. Breast feeding (J. Pollock).
6. Delayed attendance for antenatal care (P. Thomas).
7. Preterm delivery (T. Shenton).

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. Note that multiple births have the same first 5 digits but can be distinguished using the last digit.

A0002 Multiplicity code

	Value	Frequency	Percent
Singleton	0	16815	97.8
1st Twin	1	189	1.1
2nd Twin	2	189	1.1
1st Triplet	3	1	.0
2nd Triplet	4	1	.0
3rd Triplet	5	1	.0
TOTAL		17196	100.0

PART I

This survey having been conducted in a confidential manner means that there are no names or addresses on the file. All children can be identified by the variable KEY. If mothers (rather than children) are the subject of analysis, select children with A0002 = 0, 1 or 3.

Question 1: Name and address

The county of residence of the mother at the time of birth is given by variable A0004. For confidentiality reasons this has not been included on the ESRC file. It has, however, been grouped into regional version, A0004B. This is identical to the standard region (not the regional health authority), and comprises the following groups:

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 Harringey, 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.

Wales

Scotland

A0004B Region of residence of the mother at the time of delivery

	Value	Frequency	Percent
North	0	1023	5.9
Yorks & Humberside	1	1485	8.6
North West	2	2170	12.6
East Midlands	3	1035	6.0
West Midlands	4	1745	10.1
East Anglia	5	539	3.1
South West	6	1049	6.1
South Wales	7	615	3.6
North Wales	8	264	1.5
South East	9	2895	16.8
London	11	2121	12.3
Scotland	20	1617	9.4
Northern Ireland	30	626	3.6
Overseas	98	12	.1

TOTAL

17196 100.0

Question 2: Date of birth of mother

For confidentiality reasons, this has not been included with the ESRC data set, but it has been used to calculate maternal age.

A0005A Mother's age at delivery
(calculated as the number of completed years from date of mother's birth to date of delivery. Where the day or month were not given, but her year of birth was available (n=94), she was assumed to have been born on the 30th June).

Not known	-2	103	.6
Valid ages		17093	99.4
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TOTAL		17196	100.0
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range 14 - 52

median = 25

Question 3: Town and country of birth of mother of baby, father of baby, mother's mother.

A0006A Region of birth of mother

	Value	Frequency	Percent
Not stated	-3	12	.1
Not known	-2	25	.1
Northern England	1	909	5.3
Yorks and Humberside	2	1506	8.8
North West England	3	2016	11.7
East Midlands	4	1034	6.0
West Midlands	5	1412	8.2
East Anglia	6	408	2.4
South West England	7	885	5.1
Wales (inc. Monmouth)	8	886	5.2
South East England	9	3800	22.1
Scotland	10	1741	10.1
Northern Ireland	11	664	3.9
England (unspecified)	12	80	.5
Eire	13	498	2.9
Europe	14	399	2.3
Africa	15	115	.7
Indian Subcontinent	16	420	2.4
West Indies	17	313	1.8
Middle East	18	21	.1
Far East	19	34	.2
Others	20	18	.1
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TOTAL		17196	100.0
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A0007A Region of residence of father at time of his birth

	Value	Frequency	Percent
Not stated	-3	205	1.2
Not known	-2	185	1.1
Northern England	1	904	5.3
Yorks and Humberside	2	1411	8.2
North West England	3	1970	11.5
East Midlands	4	1010	5.9
West Midlands	5	1338	7.8
East Anglia	6	409	2.4
South West England	7	869	5.1
Wales (inc.Monmouth)	8	864	5.0
South East England	9	3593	20.9
Scotland	10	1699	9.9
Northern Ireland	11	654	3.8
England (unspecified)	12	165	1.0
Eire	13	500	2.9
Europe	14	417	2.4
Africa	15	121	.7
Indian Subcontinent	16	447	2.6
West Indies	17	350	2.0
Middle East	18	30	.2
Far East	19	36	.2
Other	20	19	.1

TOTAL

17196

100.0

A0008A Region of birth of mother's mother

	Value	Frequency	Percent
Not stated	-3	199	1.2
Not known	-2	425	2.5
Northern England	1	978	5.7
Yorks and Humberside	2	1384	8.0
North West England	3	1855	10.8
East Midlands	4	919	5.3
West Midlands	5	1271	7.4
East Anglia	6	379	2.2
South West England	7	743	4.3
Wales (inc Monmouth)	8	1009	5.9
South East England	9	3207	18.6
Scotland	10	1757	10.2
Northern Ireland	11	650	3.8
England (unspecified)	12	337	2.0
Eire	13	688	4.0
Europe	14	498	2.9
Africa	15	87	.5
Indian Subcontinent	16	436	2.5
West Indies	17	307	1.8
Middle East	18	16	.1
Far East	19	29	.2
Other	20	22	.1

TOTAL

17196

100.0

Question 4: Age at which full-time education was completed
(including college or university)

Mother of baby, Father of baby

A0009 Mother's age at completion of education

	Value	Frequency	Percent
Not Stated	-3	72	.4
Not Known	-2	75	.4
Never at school	0	88	.5
	6	1	.0
	7	5	.0
	8	3	.0
	9	7	.0
	10	23	.1
	11	20	.1
	12	56	.3
	13	60	.3
	14	1074	6.2
	15	9895	57.5
	16	2801	16.3
	17	1222	7.1
	18	750	4.4
	19	215	1.3
	20	185	1.1
	21	325	1.9
	22	174	1.0
	23	50	.3
	24	29	.2
	25	18	.1
	26	6	.0
	27	3	.0
	28	2	.0
	29	3	.0
	30	1	.0
	31	1	.0
Education not yet completed	97	32	.2
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TOTAL		17196	100.0
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A0010 Father's age at completion of education

	Value	Frequency	Percent
Not stated	-3	471	2.7
Not known	-2	450	2.6
Never at school	0	41	.2
	6	3	.0
	7	2	.0
	8	1	.0
	9	4	.0
	10	14	.1
	11	16	.1
	12	42	.2
	13	47	.3
	14	1380	8.0
	15	9133	53.1
	16	2292	13.3
	17	973	5.7
	18	822	4.8
	19	176	1.0
	20	145	.8
	21	334	1.9
	22	220	1.3
	23	206	1.2
	24	139	.8
	25	104	.6
	26	51	.3
	27	26	.2
	28	15	.1
	29	13	.1
	30	5	.0
	31	3	.0
	32	2	.0
	33	2	.0
	38	2	.0
Education not yet completed	97	62	.4
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TOTAL		17196	100.0
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Question 5: Date of present marriage

For reasons of confidentiality, only year of marriage has been given, and women married prior to 1948 have been grouped together.

A0011Y Year of present marriage

	Value	Frequency	Percent
Not stated	-3	122	.7
Not known	-2	40	.2
Mother not married	-1	1000	5.8
Prior to 1948	47	47	.3
	48	30	.2
	49	37	.2
	50	56	.3
	51	63	.4
	52	112	.7
	53	109	.6
	54	140	.8
	55	168	1.0
	56	230	1.3
	57	277	1.6
	58	320	1.9
	59	384	2.2
	60	518	3.0
	61	610	3.5
	62	736	4.3
	63	902	5.2
	64	1201	7.0
	65	1515	8.8
	66	1826	10.6
	67	2030	11.8
	68	1964	11.4
	69	2540	14.8
	70	219	1.3
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TOTAL		17196	100.0

Question 6: Present marital status

A0012 Present marital status

	Value	Frequency	Percent
Not known	-2	17	.1
Single	1	952	5.5
Married	2	15914	92.5
Widowed	3	23	.1
Divorced	4	62	.4
Separated	5	228	1.3
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TOTAL		17196	100.0

From the answers to questions 5 and 6, together with an estimate of the date of conception, mothers were identified who were married at delivery but single at conception.

A0012A Premarital conception

	Value	Frequency	Percent
Not Known	-2	369	2.1
No	0	15432	89.7
Yes	1	1395	8.1
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TOTAL		17196	100.0
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Question 7. Occupation of husband and mother of baby (before this pregnancy)

The information from this question has been put into six variables (three relating to the father, three to the mother) - A0013 to A0019. These variables contain the Socio-Economic Groupings and Social Class (using the Registrar General's 1966 Classification of Occupations) and the Employment Status of each parent.

Note that variable A0016 which dealt with the relationship of the parents was dropped from the file. It was unusable. It is important also to note that whereas 'father of the baby' was used in questions 3 and 4, 'husband' was used here'

A0013 Socio-economic group of husband

	Value	Frequency	Percent
Not stated/Not known	-2	68	.4
NA-No father figure	-1	824	4.8
Employers Government	1	77	.4
Employers in industry	2	1148	6.7
Prof.self employed	3	91	.5
Prof.employees	4	729	4.2
Middle NM workers	5	1399	8.1
Junior NM workers	6	1316	7.7
Personal workers	7	152	.9
Supervisors	8	1251	7.3
Skilled M workers	9	5497	32.0
Semi skilled	10	2038	11.9
Unskilled	11	1076	6.3
Own account workers	12	502	2.9
Farmers	13	215	1.3
Farmers own account	14	45	.3
Agricultural workers	15	237	1.4
Armed Forces	16	405	2.4
Job poorly described	17	16	.1
Student	19	97	.6
Prison	20	6	.0

	Value	Frequency	Percent
Retired	21	4	.0
Disabled	22	3	.0
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TOTAL		17196	100.0
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A0014 Social class of husband

Social class I: Professional occupations, including doctors, lawyers, ministers of religion, university teachers, professional engineers, etc.

Social class II: Managerial and other professionals, including nurses, school teachers, company directors, etc.

Social class III NM: Non-manual skilled occupations, including shop assistants, company representatives, clerical workers, draughtsmen, etc.

Social class III M: Skilled manual workers, including mechanics, craftsmen of all types, skilled engineers, etc.

Social class IV: Semi-skilled workers, including machine operators, postmen, storekeepers, porters, caretakers, etc.

Social class V: Unskilled workers, including labourers, cleaners, dustmen, etc.

	Value	Frequency	Percent
Not stated/Not known	-2	97	.6
I	1	820	4.8
II	2	1906	11.1
III NM	3	1924	11.2
III M	4	7544	43.9
IV	5	2473	14.4
V	6	1106	6.4
Other	7	502	2.9
Unsupported	8	824	4.8
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TOTAL		17196	100.0
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A0015 Employment status of the husband 'at present'

	Value	Frequency	Percent
Not known	-2	508	3.0
NA - unsupported	-1	863	5.0
Employed	1	15218	88.5
Unemployed	2	607	3.5
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TOTAL		17196	100.0
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A0017 Socio-economic group of mother based on her
occupation before this pregnancy

	Value	Frequency	Percent
Not stated/Not known	-2	1495	8.7
Employers Government	1	6	.0
Employers in industry	2	140	.8
Prof.self employed	3	5	.0
Prof.employees	4	75	.4
Middle NM workers	5	1608	9.4
Junior NM workers	6	4555	26.5
Personal workers	7	823	4.8
Supervisors	8	90	.5
Skilled M workers	9	379	2.2
Semi skilled	10	2488	14.5
Unskilled	11	209	1.2
Own account workers	12	20	.1
Farmers	13	10	.1
Farmers own account	14	2	.0
Agricultural workers	15	66	.4
Armed Forces	16	27	.2
Job poorly described	17	13	.1
Housewives	18	5104	29.7
Students	19	81	.5
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0018 Mother's social class based on her occupation
before this pregnancy

	Value	Frequency	Percent
Not stated/Not known	-2	1508	8.8
SC I & II	1	1466	8.5
SC III NM	2	4682	27.2
SC III M	3	841	4.9
SC IV	4	3276	19.1
SC V	5	211	1.2
Other	6	108	.6
Housewives	7	5104	29.7
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0019 Employment status of mother before this pregnancy

	Value	Frequency	Percent
Not stated	-3	4943	28.7
Employed	1	722	4.2
Unemployed	2	11531	67.1
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0020 Mother cares for children at home

	Value	Frequency	Percent
Not stated	-3	54	.3
Not known	-2	7	.0
Yes all home	1	7239	42.1
Yes all away	2	2736	15.9
Yes some home	3	280	1.6
Yes no details	4	57	.3
No	5	6823	39.7
<hr/>			
TOTAL		17196	100.0
<hr/>			

Variables A0021 to A0028 give details of up to four different circumstances as to where the other children were at the time of the birth of the new child, and the number of children in each instance.

Details of who cares (A0021 - 1st instance, A0023 - 2nd instance, A0025 - 3rd instance, A0037 - 4th instance).

A0021 Details of who cares in 1st instance

	Value	Frequency	Percent
Not stated	-3	70	.4
Not applicable	-1	6876	40.0
Home-homehelp	1	406	2.4
Home-child-minder	2	300	1.7
Home-nursery	3	34	.2
Home-other	4	6772	39.4
Away-friend/relative	5	2678	15.6
Away-fostered	6	21	.1
Away-nursery	7	15	.1
Away-school	8	5	.0
Away-other	9	19	.1

TOTAL		17196	100.0
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A0022 Number of children involved in 1st instance

	Value	Frequency	Percent
Not stated	-3	70	.4
	0	6874	40.0
	1	5574	32.4
	2	2586	15.0
	3	1148	6.7
	4	496	2.9
	5	252	1.5
	6	93	.5
	7	48	.3
	8	25	.1
	9	30	.2

TOTAL		17196	100.0
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A0023 Details of who cares in 2nd instance

	Value	Frequency	Percent
Not stated	-3	70	.4
Not applicable	-1	16766	97.5
Home-homehelp	1	3	.0
Home-child-minder	2	1	.0
Home-nursery	3	2	.0
Home-other	4	55	.3
Away-friend/relative	5	219	1.3
Away-fostered	6	21	.1
Away-nursery	7	7	.0
Away-school	8	11	.1
Away-other	9	41	.2

TOTAL		17196	100.0
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A0024 Number of children involved in 2nd instance

	Value	Frequency	Percent
Not stated	-3	70	.4
	0	16766	97.5
	1	201	1.2
	2	105	.6
	3	28	.2
	4	10	.1
	5	10	.1
	6	4	.0
	8	1	.0
	9	1	.0
<hr/>			
TOTAL		17196	100.0
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A0025 Details of who cares in 3rd instance

	Value	Frequency	Percent
Not stated	-3	70	.4
Not applicable	-1	17112	99.5
Home-other	4	1	.0
Away-fostered	6	2	.0
Away-other	9	11	.1
<hr/>			
TOTAL		17196	100.0
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A0026 Number of children involved in 3rd instance

	Value	Frequency	Percent
Not stated	-3	70	.4
	0	17112	99.5
	1	10	.1
	2	3	.0
	5	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0027 Details of who cares in 4th instance

	Value	Frequency	Percent
Not stated	-3	70	.4
Not applicable	-1	17125	99.6
Away-other	9	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0028 Number of children in 4th instance

	Value	Frequency	Percent
Not stated	-3	70	.4
	0	17125	99.6
	1	1	.0
<hr/>			
TOTAL		17196	100.0
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Question 9: Since January 1969 was any form of
contraception used?

A0029A deals with whether any means of
contraception was used. A0029B gives details of the methods
used (if any). A0029C gives the number of brands of
contraceptive pill used? A0029D gives month of when the
mother ceased using the pill. A0029E-N gives details of
which brands of contraceptive pill were used, and the number
of months each brand was used for. A0029P states whether
there were any gaps in the use of contraceptives.

A0029A Was any method of contraception used?

	Value	Frequency	Percent
Not stated	-3	18	.1
Not known	-2	64	.4
Yes	1	7503	43.6
No	2	9609	55.9
Non-contraceptive hormone	3	2	.0
<hr/>			
TOTAL		17196	100 0
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A0029B Method of contraception

	Value	Frequency	Percent
Not stated	-3	100	.6
Not known	-2	46	.3
None	0	9609	55.9
Pill alone	1	3006	17.5
Pill & other method	2	427	2.5
Other method	3	4008	23.3
<hr/>			
TOTAL		17196	100.0
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A0029C Number of pill brands used

	Value	Frequency	Percent
Not stated	-3	782	4.5
Not known	-2	1	.0
Zero brands	0	13617	79.2
One brand	1	2233	13.0
Two brands	2	448	2.6
Three brands	3	81	.5
Four brands	4	24	.1
Five brands	5	6	.0
Six brands	6	4	.0
<hr/>			
TOTAL		17196	100.0
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A0029D Month stopped pill

	Value	Frequency	Percent
Not stated	-3	530	3.1
Not known	-2	188	1.1
Not applicable	-1	13617	79.2
January 1968	1	15	.1
February	2	13	.1
March	3	45	.3
April	4	33	.2
May	5	27	.2
June	6	66	.4
July	7	41	.2
August	8	49	.3
September	9	51	.3
October	10	44	.3
November	11	67	.4
December	12	117	.7
January 1969	13	176	1.0
February	14	147	.9
March	15	261	1.5
April	16	319	1.9
May	17	439	2.6
June	18	486	2.8
July	19	131	.8
August	20	30	.2
September	21	22	.1
October	22	8	.0
November	23	5	.0
December	24	7	.0
January 1970	25	1	.0
February	27	1	.0
March	28	1	.0
1968 month NK	90	53	.3
1969 month NK	91	206	1.2
<hr/>			
TOTAL		17196	100.0
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A0029E First type of pill

	Value	Frequency	Percent
Not stated	-3	338	2.0
Not known	-2	552	3.2
Not applicable	-1	13617	79.2
Anovlar/Demulen	1	776	4.5
Conovid/Feminor	2	1519	8.8
Nuvacon/Volidan	3	224	1.3
Serial 28	4	33	.2
C-Quens/Sequens	5	121	.7
Feminor Sequens	6	14	.1
Norgestrol	7	2	.0

TOTAL		17196	100.0
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A0029F Months on pill 1

	Value	Frequency	Percent
Not stated	-3	902	5.2
Not known	-2	26	.2
Not applicable	-1	13617	79.2
Valid months given		2651	15.4

TOTAL		17196	100.0
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Range 0.5 - 28.0

A0029G Second type of pill

	Value	Frequency	Percent
Not stated	-3	859	5.0
Not known	-2	121	.7
Not applicable	-1	15851	92.2
Anovlar/Demulen	1	111	.6
Conovid/Feminor	2	172	1.0
Nuvacon/Volidan	3	40	.2
Serial 28	4	8	.0
C-Quens/Sequens	5	32	.2
Feminor Sequens	6	2	.0

TOTAL		17196	100.0
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A0029H Months on pill 2

	Value	Frequency	Percent
Not stated	-3	973	5.7
Not known	-2	1	.0
Not applicable	-1	15851	92.2
Valid months given		371	2.2
<hr/>			
TOTAL		17196	100.0
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Range 0.5 - 18.0

A0029I Third type of pill

	Value	Frequency	Percent
Not stated	-3	817	4.8
Not known	-2	37	.2
Not applicable	-1	16297	94.8
Anovlar/Demulen	1	15	.1
Conovid/Feminor	2	22	.1
Nuvacon/Volidan	3	3	0
Serial 28	4	1	.0
C-Quens/Sequens	5	4	.0
<hr/>			
TOTAL		17196	100.0
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A0029J Months on pill 3

	Value	Frequency	Percent
Not stated	-3	856	5.0
Not applicable	-1	16297	94.8
Valid months given		43	.2
<hr/>			
TOTAL		17196	100.0
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Range 0.5 - 13

A0029K Fourth type of pill

	Value	Frequency	Percent
Not stated	-3	797	4.6
Not known	-2	11	.1
Not applicable	-1	16378	95.2
Anovlar/Demulen	1	6	.0
Conovid/Feminor	2	3	.0
C-Quens/Sequens	5	1	.0

TOTAL		17196	100.0
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A0029L Months on pill 4

	Value	Frequency	Percent
Not stated	-3	808	4.7
Not applicable	-1	16378	95.2
Valid months given		10	.1

TOTAL		17196	100.0
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Range 2 - 7

A0029M Fifth type of pill

	Value	Frequency	Percent
Not stated	-3	791	4.6
Not known	-2	2	.0
Not applicable	-1	16402	95.4
C-Quens/Sequens	5	1	.0

TOTAL		17196	100.0
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A0029N Months on Pill 5

	Value	Frequency	Percent
Not stated	-3	793	4.6
Not applicable	-1	16402	95.4
	2	1	.0

TOTAL		17196	100.0
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A0029P Gaps between use of different contraceptive pills

	Value	Frequency	Percent
Not stated	-3	644	3.7
Not known	-2	583	3.4
Not applicable	-1	15841	92.1
Yes	1	25	.1
No	2	103	.6
<hr/>			
TOTAL		17196	100.0
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Question 10: What type of antenatal preparation did the mother receive during this pregnancy?

(a) In mothercraft (e.g. care of the baby),
 (b) In preparation for labour (e.g. exercises, relaxation, etc).

A0037 Mothercraft

	Value	Frequency	Percent
Not stated	-3	90	.5
Not known	-2	33	.2
None	1	12372	71.9
Individual instruction	2	940	5.5
LHA clinic class	3	1923	11.2
Hospital class	4	1417	8.2
Other	5	201	1.2
2 & 3	6	98	.6
3 & 4	7	83	.5
2 & 4	8	39	.2
<hr/>			
TOTAL		17196	100.0
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A0038 Labour-preparation

	Value	Frequency	Percent
Not stated	-3	105	.6
Not known	-2	34	.2
None	1	12550	73.0
Individual instruction	2	641	3.7
LHA clinic class	3	2192	12.7
Hospital class	4	1326	7.7
Other	5	251	1.5
2 & 3	6	42	.2
3 & 4	7	44	.3
2 & 4	8	11	.1
<hr/>			
TOTAL		17196	100.0
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Question 11: Smoking

Question 11a: Does the mother smoke now?

- b. If no, did she ever smoke?
- c. If yes, how long ago did she stop?
- d. How much does/did she smoke?
- e. Has she smoked during this pregnancy?

From these questions and after considerable cleaning, the following composite variable was created:

A0043B Smoking during pregnancy

	Value	Frequency	Percent
Not stated	-3	87	.5
Never smoked	1	7179	41.7
Stopped pre-pregnancy	2	2031	11.8
Stopped during pregnancy	3	814	4.7
Smoked during pregnancy:			
<5/day	4	1154	6.7
5-14/day	5	3615	21.0
15+/day	6	2316	13.5
TOTAL		17196	100.0

Question 12: Part I was completed by: interviewing the mother, using records or otherwise.

A0044A Indication given of how completed

	Value	Frequency	Percent
Yes	0	17161	99.8
No	1	35	.2
TOTAL		17196	100.0

A0044B Completed by interview with mother

	Value	Frequency	Percent
No	0	321	1.9
Yes	1	16875	98.1
TOTAL		17196	100.0

A0044C Completed from hospital records

	Value	Frequency	Percent
No	0	14557	84.7
Yes	1	2639	15.3
TOTAL		17196	100.0

A0044D Completed from G.P. records

	Value	Frequency	Percent
No	0	16933	98.5
Yes	1	263	1.5
TOTAL		17196	100.0

A0044E Completed from midwife records

	Value	Frequency	Percent
No	0	15156	88.1
Yes	1	2040	11.9
TOTAL		17196	100.0

A0044F Completed from cooperation card

	Value	Frequency	Percent
No	0	16422	95.5
Yes	1	774	4.5
TOTAL		17196	100.0

A0044G Completed from other sources

	Value	Frequency	Percent
No	0	17016	99.0
Yes	1	180	1.0
TOTAL		17196	100.0

PART II

Question 13: Previous pregnancies

"Give details of all previous pregnancies (include miscarriages and ectopics) in the order of occurrence (the earliest first)".

[Unfortunately terminations and spontaneous abortions were all coded as miscarriage. However, abortion was only legalised in mid 1967, and thus the number of miscodings was obviously fairly minimal].

The previous pregnancies are listed in chronological order, twin pregnancies have two entries, one for each twin.

A0052 First pregnancy: year of delivery

	Value	Frequency	Percent
Not known	-2	15	.1
Not applicable (no previous pregnancies)	-1	5820	33.8
Year given		11361	66.1
TOTAL		17196	100.0

range 40 - 69

A0053 First pregnancy: sex

	Value	Frequency	Percent
Not known	-2	1396	8.1
Not applicable	-1	5820	33.8
Male singleton	1	5114	29.7
Female singleton	2	4812	28.0
Male twin	3	32	.2
Female twin	4	22	.1
TOTAL		17196	100.0

A0054 First pregnancy birthweight

	Value	Frequency	Percent
Not known	-2	1445	8.4
Not applicable	-1	5820	33.8
Less than 1000g	1	38	.2
1001g - 1500g	2	78	.5
1501g - 2000g	3	174	1.0
2001g - 2500g	4	618	3.6
2501g - 3000g	5	2111	12.3
3001g - 3500g	6	3883	22.6
3501g - 4000g	7	2435	14.2
More than 4000g	8	594	3.5
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TOTAL		17196	100.0
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A0055 First pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	41	.2
Not known	-2	80	.5
Not applicable	-1	5820	33.8
Alive in April 1970	1	9525	55.4
Died under 7 days	2	132	.8
Died 7 days and over	3	144	.8
Stillbirth	4	225	1.3
Miscarriage	5	1217	7.1
Ectopic	6	10	.1
Hydatidiform mole	8	2	.0
<hr/>			
TOTAL		17196	100.0
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A0056 First pregnancy: method of delivery

	Value	Frequency	Percent
Not stated	-3	58	.3
Not known	-2	17	.1
Not applicable	-1	7041	40.9
Caesarean section	1	291	1.7
Vaginal delivery	2	9781	56.9
Hysterotomy	4	8	.0
<hr/>			
TOTAL		17196	100.0
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A0058 Second pregnancy. year of delivery

	Value	Frequency	Percent
Not known	-2	18	.1
Not applicable	-1	11070	64.4
Year given		6108	35.5
<hr/>			
TOTAL		17196	100.0
<hr/>			

range 42 - 69

A0059 Second pregnancy: sex

	Value	Frequency	Percent
Not known	-2	983	5.7
Not applicable	-1	11070	64.4
Male singleton	1	2607	15.2
Female singleton	2	2440	14.2
Male twin	3	51	.3
Female twin	4	43	.3
Hermaphrodite	7	2	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0060 Second pregnancy. birthweight

	Value	Frequency	Percent
Not known	-2	1025	6.0
Not applicable	-1	11070	64.4
Less than 1000g	1	20	.1
1001g - 1500g	2	45	.3
1501g - 2000g	3	70	.4
2001g - 2500g	4	298	1.7
2501g - 3000g	5	978	5.7
3001g - 3500g	6	1829	10.6
3501g - 4000g	7	1380	8.0
More than 4000g	8	481	2.8
<hr/>			
TOTAL		17196	100.0
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A0061 Second pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	32	.2
Not known	-2	18	.1
Not applicable	-1	11070	64.4
Alive in April 1970	1	4902	28.5
Died under 7 days	2	91	.5
Died 7 days and over	3	114	.7
Stillbirth	4	87	.5
Miscarriage	5	875	5.1
Ectopic	6	6	.0
Hydatidiform mole	8	1	.0
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TOTAL		17196	100.0
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A0062 Second pregnancy: method of delivery

	Value	Frequency	Percent
Not stated	-3	47	.3
Not known	-2	13	.1
Not applicable	-1	11952	69.5
Caesarean section	1	98	.6
Vaginal delivery	2	5086	29.6
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0064 Third pregnancy: year of delivery

	Value	Frequency	Percent
Not known	-2	11	.1
Not applicable	-1	13940	81.1
Year given		3245	18.9
<hr/>			
TOTAL		17196	100.0
<hr/>			

range 45 - 69

A0065 Third pregnancy: sex

	Value	Frequency	Percent
Not known	-2	591	3.4
Not applicable	-1	13940	81.1
Male singleton	1	1360	7.9
Female singleton	2	1235	7.2
Male twin	3	32	.2
Female twin	4	38	.2
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0066 Third pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	632	3.7
Not applicable	-1	13940	81.1
Less than 1000g	1	8	.0
1001g - 1500g	2	17	.1
1501g - 2000g	3	36	.2
2001g - 2500g	4	151	.9
2501g - 3000g	5	485	2.8
3001g - 3500g	6	912	5.3
3501g - 4000g	7	724	4.2
More than 4000g	8	291	1.7
<hr/>			
TOTAL		17196	100.0
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A0067 Third pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	25	.1
Not known	-2	9	1
Not applicable	-1	13940	81.1
Alive in April 1970	1	2554	14.9
Died under 7 days	2	34	.2
Died 7 days and over	3	60	.3
Stillbirth	4	48	.3
Miscarriage	5	519	3.0
Ectopic	6	7	.0
<hr/>			
TOTAL		17196	100.0
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A0068 Third pregnancy: method of delivery

	Value	Frequency	Percent
Not stated	-3	31	.2
Not known	-2	8	.0
Not applicable	-1	14466	84.1
Caesarean section	1	42	.2
Vaginal delivery	2	2649	15.4
<hr/>			
TOTAL		17196	100.0
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A0070 Fourth pregnancy: year of delivery

	Value	Frequency	Percent
Not known	-2	10	.1
Not applicable	-1	15494	90.1
Year given		1692	9.8
<hr/>			
TOTAL		17196	100.0
<hr/>			

range 50 - 69

A0071 Fourth pregnancy: sex

	Value	Frequency	Percent
Not known	-2	334	1.9
Not applicable	-1	15494	90.1
Male singleton	1	660	3.8
Female singleton	2	676	3.9
Male twin	3	14	.1
Female twin	4	18	.1
<hr/>			
TOTAL		17196	100.0
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A0072 Fourth pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	376	2.2
Not applicable	-1	15494	90.1
Less than 1000g	1	8	.0
1001g - 1500g	2	11	.1
1501g - 2000g	3	15	.1
2001g - 2500g	4	70	.4
2501g - 3000g	5	234	1.4
3001g - 3500g	6	452	2.6
3501g - 4000g	7	373	2.2
More than 4000g	8	163	.9
<hr/>			
TOTAL		17196	100.0
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A0073 Fourth pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	7	.0
Not applicable	-1	15494	90.1
Alive in April 1970	1	1286	7.5
Died under 7 days	2	15	.1
Died 7 days and over	3	38	.2
Stillbirth	4	34	.2
Miscarriage	5	294	1.7
Ectopic	6	2	.0
<hr/>			
TOTAL		17196	100.0
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A0074 Fourth pregnancy: method of delivery

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	4	.0
Not applicable	-1	15790	91.8
Caesarean section	1	14	.1
Vaginal delivery	2	1361	7.9
Hysterotomy	4	1	.0
<hr/>			
TOTAL		17196	100.0
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A0076 Fifth pregnancy: year of delivery

	Value	Frequency	Percent
Not known	-2	6	.0
Not applicable	-1	16258	94.5
Year given		932	5.4
<hr/>			
TOTAL		17196	100.0
<hr/>			

range 51 - 69

A0077 Fifth pregnancy: sex

	Value	Frequency	Percent
Not known	-2	193	1.1
Not applicable	-1	16258	94.5
Male singleton	1	352	2.0
Female singleton	2	380	2.2
Male twin	3	8	.0
Female twin	4	5	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0078 Fifth pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	209	1.2
Not applicable	-1	16258	94.5
Less than 1000g	1	4	.0
1001g - 1500g	2	12	.1
1501g - 2000g	3	17	.1
2001g - 2500g	4	37	.2
2501g - 3000g	5	133	.8
3001g - 3500g	6	247	1.4
3501g - 4000g	7	192	1.1
More than 4000g	8	87	.5
<hr/>			
TOTAL		17196	100.0
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A0079 Fifth pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	14	.1
Not known	-2	1	.0
Not applicable	-1	16258	94.5
Alive in April 1970	1	695	4.0
Died under 7 days	2	21	.1
Died 7 days and over	3	21	.1
Stillbirth	4	19	.1
Miscarriage	5	165	1.0
Ectopic	6	2	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0080 Fifth pregnancy: method of delivery

	Value	Frequency	Percent
Not stated	-3	12	.1
Not known	-2	2	.0
Not applicable	-1	16424	95.5
Caesarean section	1	6	.0
Vaginal delivery	2	751	4.4
Hysterotomy	4	1	.0
<hr/>			
TOTAL		17196	100.0
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A0082 Sixth pregnancy: year of delivery

	Value	Frequency	Percent
Not known	-2	4	.0
Not applicable	-1	16707	97.2
Year given		485	2.8
<hr/>			
TOTAL		17196	100.0
<hr/>			

range 42 - 69

A0083 Sixth pregnancy: sex

	Value	Frequency	Percent
Not known	-2	103	.6
Not applicable	-1	16707	97.2
Male singleton	1	196	1.1
Female singleton	2	178	1.0
Male twin	3	10	.1
Female twin	4	2	.0
<hr/>			
TOTAL		17196	100.0
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A0084 Sixth pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	112	.7
Not applicable	-1	16707	97.2
Less than 1000g	1	3	.0
1001g - 1500g	2	2	.0
1501g - 2000g	3	8	.0
2001g - 2500g	4	20	.1
2501g - 3000g	5	59	.3
3001g - 3500g	6	147	.9
3501g - 4000g	7	82	.5
More than 4000g	8	56	.3
<hr/>			
TOTAL		17196	100.0
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A0085 Sixth pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	12	.1
Not known	-2	3	.0
Not applicable	-1	16707	97.2
Alive in April 1970	1	357	2.1
Died under 7 days	2	9	.1
Died 7 days and over	3	9	.1
Stillbirth	4	8	.0
Miscarriage	5	91	.5
<hr/>			
TOTAL		17196	100.0
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A0086 Sixth pregnancy: method of delivery

	Value	Frequency	Percent
Not stated	-3	11	.1
Not known	-2	2	.0
Not applicable	-1	16798	97.7
Caesarean section	1	7	.0
Vaginal delivery	2	378	2.2
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0088 Seventh pregnancy: year of delivery

	Value	Frequency	Percent
Not known	-2	3	.0
Not applicable	-1	16909	98.3
Year given		284	1.7
<hr/>			
TOTAL		17196	100.0
<hr/>			

range 49 - 69

A0089 Seventh pregnancy: sex

	Value	Frequency	Percent
Not known	-2	50	.3
Not applicable	-1	16909	98.3
Male singleton	1	128	.7
Female singleton	2	105	.6
Male twin	3	2	.0
Female twin	4	2	.0
<hr/>			
TOTAL		17196	100.0
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A0090 Seventh pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	66	.4
Not applicable	-1	16909	98.3
Less than 1000g	1	4	.0
1501g - 2000g	3	3	.0
2001g - 2500g	4	14	.1
2501g - 3000g	5	41	.2
3001g - 3500g	6	74	.4
3501g - 4000g	7	61	.4
More than 4000g	8	24	.1
<hr/>			
TOTAL		17196	100.0
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A0091 Seventh pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	10	.1
Not known	-2	3	.0
Not applicable	-1	16909	98.3
Alive in April 1970	1	210	1.2
Died under 7 days	2	5	.0
Died 7 days and over	3	5	.0
Stillbirth	4	7	.0
Miscarriage	5	46	.3
Ectopic	6	1	0
<hr/>			
TOTAL		17196	100.0
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A0092 Seventh pregnancy: method of delivery

	Value	Frequency	Percent
Not stated	-3	5	.0
Not known	-2	1	.0
Not applicable	-1	16956	98.6
Caesarean section	1	5	.0
Vaginal delivery	2	229	1.3

TOTAL		17196	100.0
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A0099 Eighth pregnancy: year of delivery

	Value	Frequency	Percent
Not known	-2	3	.0
Not applicable	-1	17044	99.1
Year given		149	.9

TOTAL		17196	100.0
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range 51 - 69

A0100 Eighth pregnancy: sex

	Value	Frequency	Percent
Not known	-2	33	.2
Not applicable	-1	17044	99.1
Male singleton	1	69	.4
Female singleton	2	49	.3
Female twin	4	1	.0

TOTAL		17196	100.0
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A0101 Eighth pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	38	.2
Not applicable	-1	17044	99.1
Less than 1000g	1	1	.0
1001g - 1500g	2	1	.0
2001g - 2500g	4	4	.0
2501g - 3000g	5	23	.1
3001g - 3500g	6	36	.2
3501g - 4000g	7	35	.2
More than 4000g	8	14	.1
<hr/>			
TOTAL		17196	100.0

A0102 Eighth pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	7	.0
Not known	-2	2	.0
Not applicable	-1	17044	99.1
Alive in April 1970	1	105	.6
Died under 7 days	2	3	.0
Died 7 days and over	3	3	.0
Stillbirth	4	4	.0
Miscarriage	5	28	.2
<hr/>			
TOTAL		17196	100.0

A0103 Eighth pregnancy: method of delivery

	Value	Frequency	Percent
Not stated	-3	1	.0
Not known	-2	2	.0
Not applicable	-1	17072	99.3
Caesarean section	1	3	.0
Vaginal delivery	2	118	.7
<hr/>			
TOTAL		17196	100.0

A0105 Ninth pregnancy: year of delivery

	Value	Frequency	Percent
Not known	-2	2	.0
Not applicable	-1	17108	99.5
Year given		86	.5
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TOTAL		17196	100.0
<hr/>			

range 53 - 69

A0106 Ninth pregnancy: sex

	Value	Frequency	Percent
Not known	-2	22	.1
Not applicable	-1	17108	99.5
Male singleton	1	34	.2
Female singleton	2	31	.2
Female twin	4	1	.0
<hr/>			
TOTAL		17196	100.0
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A0107 Ninth pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	24	.1
Not applicable	-1	17108	99.5
1001g - 1500g	2	1	.0
1501g - 2000g	3	1	.0
2001g - 2500g	4	2	.0
2501g - 3000g	5	18	.1
3001g - 3500g	6	13	.1
3501g - 4000g	7	20	.1
More than 4000g	8	9	.1
<hr/>			
TOTAL		17196	100.0
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A0108 Ninth pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	5	.0
Not known	-2	2	.0
Not applicable	-1	17108	99.5
Alive in April 1970	1	57	.3
Died under 7 days	2	1	.0
Died 7 days and over	3	3	.0
Stillbirth	4	2	.0
Miscarriage	5	17	.1
Ectopic	6	1	.0
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TOTAL		17196	100.0
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A0109 Ninth pregnancy: method of delivery

	Value	Frequency	Percent
Not known	-2	1	.0
Not applicable	-1	17126	99.6
Caesarean section	1	1	.0
Vaginal delivery	2	68	.4
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TOTAL		17196	100.0
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A0111 Tenth pregnancy: year of delivery

	Value	Frequency	Percent
Not known	-2	2	.0
Not applicable	-1	17139	99.7
Year given		55	.3
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TOTAL		17196	100.0
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range 55 - 69

A0112 Tenth pregnancy: sex

	Value	Frequency	Percent
Not known	-2	11	.1
Not applicable	-1	17139	99.7
Male singleton	1	23	.1
Female singleton	2	22	.1
Female twin	4	1	.0
TOTAL		17196	100.0

A0113 Tenth pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	16	.1
Not applicable	-1	17139	99.7
1001g - 1500g	2	1	.0
1501g - 2000g	3	2	.0
2001g - 2500g	4	3	.0
2501g - 3000g	5	7	.0
3001g - 3500g	6	9	.1
3501g - 4000g	7	11	.1
More than 4000g	8	8	.0
TOTAL		17196	100.0

A0114 Tenth pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	3	.0
Not known	-2	2	.0
Not applicable	-1	17139	99.7
Alive in April 1970	1	39	.2
Died under 7 days	2	1	.0
Died 7 days and over	3	1	.0
Stillbirth	4	2	.0
Miscarriage	5	9	.1
TOTAL		17196	100.0

A0115 Tenth pregnancy: method of delivery

	Value	Frequency	Percent
Not known	-2	1	.0
Not applicable	-1	17148	99.7
Caesarean section	1	1	.0
Vaginal delivery	2	46	.3

TOTAL		17196	100.0
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A0117 Eleventh pregnancy: year of delivery

	Value	Frequency	Percent
Not known	-2	1	.0
Not applicable	-1	17158	99.8
Year given		37	.2

TOTAL		17196	100.0
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range 58 - 69

A0118 Eleventh pregnancy: sex

	Value	Frequency	Percent
Not known	-2	12	.1
Not applicable	-1	17158	99.8
Male singleton	1	7	.0
Female singleton	2	18	.1
Male twin	3	1	.0

TOTAL		17196	100.0
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A0119 Eleventh pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	13	.1
Not applicable	-1	17158	99.8
Less than 1000g	1	1	.0
1501g - 2000g	3	2	.0
2501g - 3000g	5	3	.0
3001g - 3500g	6	10	.1
3501g - 4000g	7	5	.0
More than 4000g	8	4	.0

TOTAL		17196	100.0
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A0120 Eleventh pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	1	.0
Not known	-2	1	.0
Not applicable	-1	17158	99.8
Alive in April 1970	1	20	.1
Died under 7 days	2	2	.0
Died 7 days and over	3	2	.0
Stillbirth	4	1	.0
Miscarriage	5	11	.1
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TOTAL		17196	100.0
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A0121 Eleventh pregnancy: method of delivery

	Value	Frequency	Percent
Not applicable	-1	17169	99.8
Vaginal delivery	2	27	.2
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TOTAL		17196	100.0
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A0123 Twelfth pregnancy: year of delivery

	Value	Frequency	Percent
Not applicable	-1	17174	99.9
Year given		22	.1
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TOTAL		17196	100.0
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range 60 - 69

A0124 Twelfth pregnancy: sex

	Value	Frequency	Percent
Not known	-2	7	.0
Not applicable	-1	17174	99.9
Male singleton	1	9	.1
Female singleton	2	6	.0
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TOTAL		17196	100.0
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A0125 Twelfth pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	8	.0
Not applicable	-1	17174	99.9
2501g - 3000g	5	1	.0
3001g - 3500g	6	6	.0
3501g - 4000g	7	2	.0
More than 4000g	8	5	.0
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TOTAL		17196	100.0
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A0126 Twelfth pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	2	.0
Not known	-2	1	.0
Not applicable	-1	17174	99.9
Alive in April 1970	1	13	.1
Miscarriage	5	6	.0
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TOTAL		17196	100.0
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A0127 Twelfth pregnancy: method of delivery

	Value	Frequency	Percent
Not applicable	-1	17180	99.9
Vaginal delivery	2	16	.1
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TOTAL		17196	100.0
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A0129 Thirteenth pregnancy: year of delivery

	Value	Frequency	Percent
Not applicable	-1	17183	99.9
Year given		13	.1
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TOTAL		17196	100.0
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A0130 Thirteenth pregnancy: sex

	Value	Frequency	Percent
Not known	-2	3	.0
Not applicable	-1	17183	99.9
Male singleton	1	4	.0
Female singleton	2	6	.0
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TOTAL		17196	100.0
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A0131 Thirteenth pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	4	.0
Not applicable	-1	17183	99.9
2501g - 3000g	5	2	.0
3001g - 3500g	6	4	.0
More than 4000g	8	3	.0
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TOTAL		17196	100.0
<hr/>			

A0132 Thirteenth pregnancy: outcome

	Value	Frequency	Percent
Not stated	-3	1	.0
Not known	-2	1	.0
Not applicable	-1	17183	99.9
Alive in April 1970	1	9	.1
Miscarriage	5	2	.0
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TOTAL		17196	100.0
<hr/>			

A0133 Thirteenth pregnancy: method of delivery

	Value	Frequency	Percent
Not applicable	-1	17185	99.9
Caesarean section	1	2	.0
Vaginal delivery	2	9	.1
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TOTAL		17196	100.0
<hr/>			

A0135 Fourteenth pregnancy: year of delivery

	Value	Frequency	Percent
Not applicable	-1	17187	99.9
Year given		9	.0
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TOTAL		17196	100.0
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range 63 - 68

A0136 Fourteenth pregnancy: sex

	Value	Frequency	Percent
Not known	-2	3	.0
Not applicable	-1	17187	99.9
Male singleton	1	3	.0
Female singleton	2	3	.0
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TOTAL		17196	100.0
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A0137 Fourteenth pregnancy: birthweight

	Value	Frequency	Percent
Not known	-2	3	.0
Not applicable	-1	17187	99.9
2001g - 2500g	4	1	.0
3001g - 3500g	6	3	.0
3501g - 4000g	7	2	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0138 Fourteenth pregnancy: outcome

	Value	Frequency	Percent
Not applicable	-1	17187	99.9
Alive in April 1970	1	6	.0
Miscarriage	5	3	.0
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TOTAL		17196	100.0
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A0139 Fourteenth pregnancy method of delivery

	Value	Frequency	Percent
Not applicable	-1	17190	100.0
Caesarean section	1	1	.0
Vaginal delivery	2	5	.0
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TOTAL		17196	100.0
<hr/>			

A0146 Fifteenth pregnancy: year of delivery

	Value	Frequency	Percent
Not applicable	-1	17192	100.0
Year given		4	.0
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TOTAL		17196	100.0
<hr/>			

range 66 - 69

A0147 Fifteenth pregnancy: sex

	Value	Frequency	Percent
Not applicable	-1	17192	100.0
Male singleton	1	1	.0
Female singleton	2	3	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0148 Fifteenth pregnancy: birthweight

	Value	Frequency	Percent
Not applicable	-1	17192	100.0
2501g - 3000g	5	2	.0
3001g - 3500g	6	1	.0
3501g - 4000g	7	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0149 Fifteenth pregnancy outcome

	Value	Frequency	Percent
Not stated	-3	1	.0
Not applicable	-1	17192	100.0
Alive in April 1970	1	3	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0150 Fifteenth pregnancy: method of delivery

	Value	Frequency	Percent
Not stated	-3	1	.0
Not applicable	-1	17192	100.0
Caesarean section	1	1	.0
Vaginal delivery	2	2	.0
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TOTAL		17196	100.0
<hr/>			

A0152 Sixteenth pregnancy: year of delivery

	Value	Frequency	Percent
Not applicable	-1	17195	100.0
Year	67	1	.0
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TOTAL		17196	100.0
<hr/>			

A0153 Sixteenth pregnancy: sex

	Value	Frequency	Percent
Not applicable	-1	17195	100.0
Male singleton	1	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0154 Sixteenth pregnancy: birthweight

	Value	Frequency	Percent
Not applicable	-1	17195	100.0
3501g - 4000g	7	1	.0
TOTAL		17196	100.0

A0155 Sixteenth pregnancy: outcome

	Value	Frequency	Percent
Not applicable	-1	17195	100.0
Alive in April 1970	1	1	.0
TOTAL		17196	100.0

A0156 Sixteenth pregnancy: method of delivery

	Value	Frequency	Percent
Not applicable	-1	17195	100.0
Vaginal delivery	2	1	.0
TOTAL		17196	100.0

A0158 Seventeenth pregnancy: year of delivery

	Value	Frequency	Percent
Not applicable	-1	17195	100.0
Year	68	1	.0
TOTAL		17196	100.0

A0159 Seventeenth pregnancy: sex

	Value	Frequency	Percent
Not applicable	-1	17195	100.0
Female singleton	2	1	.0
TOTAL		17196	100.0

A0160 Seventeenth pregnancy birthweight

	Value	Frequency	Percent
Not applicable	-1	17195	100.0
2001g - 2500g	4	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0161 Seventeenth pregnancy outcome

	Value	Frequency	Percent
Not applicable	-1	17195	100.0
Alive in April 1970	1	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0162 Seventeenth pregnancy: method of delivery

	Value	Frequency	Percent
Not applicable	-1	17195	100.0
Vaginal delivery	2	1	.0
<hr/>			
TOTAL		17196	100.0
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Summary of past obstetric history

A0163 Number of previous pregnancies

	Value	Frequency	Percent
	0	5820	33.8
	1	5278	30.7
	2	2878	16.7
	3	1545	9.0
	4	759	4.4
	5	444	2.6
	6	195	1.1
	7	127	.7
	8	64	.4
	9	30	.2
	10	19	.1
	11	16	.1
	12	9	.1
	13	3	.0
	14	6	.0
	15	2	.0
	17	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0164 No. of previous deliveries (entries on file)
 (i.e. a twin pregnancy is counted as 2 deliveries)

	Value	Frequency	Percent
	0	5820	33.8
	1	5250	30.5
	2	2870	16.7
	3	1554	9.0
	4	764	4.4
	5	449	2.6
	6	202	1.2
	7	135	.8
	8	64	.4
	9	31	.2
	10	19	.1
	11	16	.1
	12	9	.1
	13	4	.0
	14	5	.0
	15	3	.0
	17	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0165 Number of previous twinned pregnancies

	Value	Frequency	Percent
	0	17065	99.2
	1	129	.8
	2	2	.0
<hr/>			
TOTAL		17196	100.0
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A0166 Parity

(i.e. no of previous pregnancies resulting in a stillbirth or livebirth)

	Value	Frequency	Percent
Not known	-2	32	.2
	0	6389	37.2
	1	5520	32.1
	2	2787	16.2
	3	1266	7.4
	4	609	3.5
	5	297	1.7
	6	136	.8
	7	74	.4
	8	36	.2
	9	23	.1
	10	11	.1
	11	9	.1
	12	3	.0
	13	2	.0
	14	1	.0
	17	1	.0
<hr/>			
TOTAL		17196	100.0
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A0167 Number of previous miscarriages delivered

(i.e. a twin miscarriage = 2)

	Value	Frequency	Percent
	0	14706	85.5
	1	1936	11.3
	2	390	2.3
	3	115	.7
	4	35	.2
	5	6	.0
	6	6	.0
	7	1	.0
	9	1	.0
<hr/>			
TOTAL		17196	100.0
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A0168 Number of previous pregnancies miscarried

	Value	Frequency	Percent
Not known	-2	27	.2
None	0	14667	85.3
One	1	1952	11.4
Two or more	2	550	3.2
<hr/>			
TOTAL		17196	100.0
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A0169 Number of previous stillbirths

	Value	Frequency	Percent
	0	16786	97.6
	1	388	2.3
	2	18	.1
	3	3	.0
	4	1	.0
<hr/>			
TOTAL		17196	100.0
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A0170 Number of previous deaths <7 days

	Value	Frequency	Percent
	0	16903	98.3
	1	273	1.6
	2	19	.1
	3	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0171 Number of previous deaths 7+ days

	Value	Frequency	Percent
	0	16830	97.9
	1	340	2.0
	2	21	.1
	3	3	.0
	4	1	.0
	5	1	.0
<hr/>			
TOTAL		17196	100.0
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Question 14. Total number of recorded antenatal visits

A0190 Number of antenatal visits

	Value	Frequency	Percent
Not stated	-3	646	3.8
Not known	-2	61	.4
	0	120	.7
	1	182	1.1
	2	344	2.0
	3	468	2.7
	4	629	3.7
	5	731	4.3
	6	929	5.4
	7	1088	6.3
	8	1264	7.4
	9	1363	7.9
	10	1640	9.5
	11	1505	8.8
	12	1677	9.8
	13	1179	6.9
	14	1071	6.2
	15	716	4.2
	16	499	2.9
	17	307	1.8
	18	257	1.5
	19	146	.8
	20	131	.8
	21	62	.4
	22	62	.4
	23	32	.2
	24	24	.1
	25	13	.1
	26	10	.1
	27	9	.1
	28	9	.1
	29	7	.0
	30	5	.0
	32	3	.0
	34	1	.0
	35	2	.0
	36	1	.0
	37	1	.0
	40	1	.0
	42	1	.0
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TOTAL		17196	100.0
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A0191 Date of first / only antenatal visit

	Value	Frequency	Percent
Not stated	-3	263	1.5
Not known	-2	35	.2
NA - No visits	-1	120	.7
1 Jun - 7 Jun	6	2	.0
15 Jun - 21 Jun	8	3	.0
22 Jun - 28 Jun	9	2	.0
29 Jun - 5 Jul	10	9	.1
6 Jul - 12 Jul	11	15	.1
13 Jul - 19 Jul	12	16	.1
20 Jul - 26 Jul	13	23	.1
27 Jul - 2 Aug	14	63	.4
3 Aug - 9 Aug	15	131	.8
10 Aug - 16 Aug	16	233	1.4
17 Aug - 23 Aug	17	325	1.9
24 Aug - 30 Aug	18	455	2.6
31 Aug - 6 Sep	19	583	3.4
7 Sep - 13 Sep	20	924	5.4
14 Sep - 20 Sep	21	1053	6.1
21 Sep - 27 Sep	22	1065	6.2
28 Sep - 4 Oct	23	1183	6.9
5 Oct - 11 Oct	24	1245	7.2
12 Oct - 18 Oct	25	1056	6.1
19 Oct - 25 Oct	26	900	5.2
26 Oct - 1 Nov	27	784	4.6
2 Nov - 8 Nov	28	806	4.7
9 Nov - 15 Nov	29	685	4.0
16 Nov - 22 Nov	30	557	3.2
23 Nov - 29 Nov	31	497	2.9
30 Nov - 6 Dec	32	461	2.7
7 Dec - 13 Dec	33	445	2.6
14 Dec - 20 Dec	34	345	2.0
21 Dec - 27 Dec	35	137	.8
28 Dec - 3 Jan	36	231	1.3
4 Jan - 10 Jan	37	320	1.9
11 Jan - 17 Jan	38	347	2.0
18 Jan - 24 Jan	39	313	1.8
25 Jan - 31 Jan	40	244	1.4
1 Feb - 7 Feb	41	221	1.3
8 Feb - 14 Feb	42	201	1.2
15 Feb - 21 Feb	43	210	1.2
22 Feb - 28 Feb	44	158	.9
1 Mar - 7 Mar	45	166	1.0
8 Mar - 14 Mar	46	131	.8
15 Mar - 21 Mar	47	89	.5
22 Mar - 28 Mar	48	73	.4
29 Mar - 4 Apr	49	41	.2
4 Apr - 10 Apr	50	30	.2
TOTAL			17196 100.0

A0192 Date of last antenatal visit

[N.B. Mothers who had had only 1 visit not given a valid date]

	Value	Frequency	Percent
Not stated	-3	398	2.3
Not known	-2	33	.2
NA, < 2 visits	-1	304	1.8
2 Nov - 8 Nov	28	3	.0
9 Nov - 15 Nov	29	1	.0
16 Nov - 22 Nov	30	1	.0
23 Nov - 29 Nov	31	1	.0
30 Nov - 6 Dec	32	3	.0
7 Dec - 13 Dec	33	3	.0
14 Dec - 20 Dec	34	2	.0
21 Dec - 27 Dec	35	2	.0
4 Jan - 10 Jan	37	9	.1
11 Jan - 17 Jan	38	5	.0
18 Jan - 24 Jan	39	9	.1
25 Jan - 31 Jan	40	22	.1
1 Feb - 7 Feb	41	25	.1
8 Feb - 14 Feb	42	41	.2
15 Feb - 21 Feb	43	59	.3
22 Feb - 28 Feb	44	96	.6
1 Mar - 7 Mar	45	198	1.2
8 Mar - 14 Mar	46	324	1.9
15 Mar - 21 Mar	47	586	3.4
22 Mar - 28 Mar	48	1525	8.9
29 Mar - 4 Apr	49	7207	41.9
4 Apr - 10 Apr	50	6323	36.8
Last AN visit on day of delivery	51	16	.1

TOTAL

17196

100.0

Who undertook the antenatal care?

(The answers to this were not mutually exclusive)

A0193A A.N. care by hospital medical staff

	Value	Frequency	Percent
Not stated	-3	53	.3
Not known	-2	3	.0
NA	-1	105	.6
No	0	6231	36.2
Yes	1	10804	62.8

TOTAL

17196

100.0

A0193B A.N. care by local health authority medical officer

	Value	Frequency	Percent
Not stated	-3	53	.3
Not known	-2	3	.0
NA	-1	105	.6
No	0	16371	95.2
Yes	1	664	3.9

TOTAL		17196	100.0
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A0193C A.N. care by general practitioner

	Value	Frequency	Percent
Not stated	-3	53	.3
Not known	-2	3	.0
NA	-1	105	.6
No	0	4624	26.9
Yes	1	12411	72.2

TOTAL		17196	100.0
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A0193D A.N. care by hospital based midwife

	Value	Frequency	Percent
Not stated	-3	53	.3
Not known	-2	3	.0
NA	-1	105	.6
No	0	14814	86.1
Yes	1	2221	12.9

TOTAL		17196	100.0
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A0193E A.N. care by midwife attached GP unit

	Value	Frequency	Percent
Not stated	-3	53	.3
Not known	-2	3	.0
NA	-1	105	.6
No	0	15811	91.9
Yes	1	1224	7.1

TOTAL		17196	100.0
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A0193F A.N. care by domiciliary midwife

	Value	Frequency	Percent
Not stated	-3	53	.3
Not known	-2	3	.0
NA	-1	105	.6
No	0	13632	79.3
Yes	1	3403	19.8

TOTAL		17196	100.0
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A0193G A.N. care by other consultant obstetrician outside
NHS hospital

	Value	Frequency	Percent
Not stated	-3	53	.3
Not known	-2	3	.0
NA	-1	105	.6
No	0	16816	97.8
Yes	1	219	1.3

TOTAL		17196	100.0
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A0193H A.N. care by other

	Value	Frequency	Percent
Not stated	-3	53	.3
Not known	-2	3	.0
NA	-1	105	.6
No	0	16958	98.6
Yes	1	77	.4

TOTAL		17196	100.0
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If mother delivered in hospital and the antenatal care shared, was this: by previous arrangement/because of some abnormality which arose during pregnancy/other reason?

[NB. The answers to this question were not consistent with the if clauses, and have been omitted)

Question 15: What was the first day of the last normal menstrual period?

A0195A Gestational age in days (calculated from reported 1st day of LMP)

	Value	Frequency	Percent
Not stated	-3	137	.8
Not known	-2	735	4.3
Gestation given		16324	94.9
<hr/>			
TOTAL		17196	100.0
<hr/>			

range 101 - 464

median 282

mode 281

[N.B. It is advisable to use this variable only in conjunction with A0196A Code 1].

A0195B Gestational age in completed weeks

(using only gestations which were believable)

	Value	Frequency	Percent
Unbelievable	-3.00	2697	15.7
Not known/not stated LMP	-2.00	872	5.1
<28 Weeks	27.00	48	.3
28 Weeks	28.00	15	.1
29 Weeks	29.00	21	.1
30 Weeks	30.00	28	.2
31 Weeks	31.00	36	.2
32 Weeks	32.00	38	.2
33 Weeks	33.00	62	.4
34 Weeks	34.00	98	.6
35 Weeks	35.00	160	.9
36 Weeks	36.00	313	1.8
37 Weeks	37.00	544	3.2
38 Weeks	38.00	1433	8.3
39 Weeks	39.00	2771	16.1
40 Weeks	40.00	3804	22.1
41 Weeks	41.00	2918	17.0
42 Weeks	42.00	1014	5.9
43 Weeks	43.00	186	1.1
44 Weeks	44.00	81	.5
45 Weeks	45.00	28	.2
46 Weeks	46.00	16	.1
47+ Weeks	47.00	13	.1

TOTAL

17196

100.0

Was this date recorded as being: certain/uncertain

A0196 Certainty of date of last menstrual period

	Value	Frequency	Percent
Not stated	-3	132	.8
Not known	-2	255	1.5
Certain	1	13952	81.1
Uncertain	2	2857	16.6

TOTAL

17196

100.0

A0196A Is the stated LNMP date believable?

(This variable was derived from a consideration of various factors including date of last delivery, duration of gestation and birthweight)

	Value	Frequency	Percent
No	0	2697	15.7
Yes	1	14499	84.3
<hr/>			
TOTAL		17196	100.0
<hr/>			

Question 16: Standing height of the mother

(answers were given in either feet/inches or cms, but all were coded as complete cms)

A0197 Standing height of mother in centimetres

	Value	Frequency	Percent
Not stated	-3	132	.8
Not known	-2	42	.2
Height given		17022	99.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

range 124 - 189
median 160

Question 17: Mother's blood group

A0198 ABO group

	Value	Frequency	Percent
Not stated	-3	153	.9
Not known	-2	1389	8.1
O	1	7478	43.5
A	2	6227	36.2
B	3	1491	8.7
AB	4	458	2.7
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0199 Rh blood group

	Value	Frequency	Percent
Not stated	-3	37	.2
Not known	-2	101	.6
Positive	1	14167	82.4
Negative	2	2891	16.8
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0200 Rhesus antibodies

	Value	Frequency	Percent
Not stated	-3	3955	23.0
Not known	-2	935	5.4
Present	1	230	1.3
Absent	2	12044	70.0
Antibodies, but not rhesus	3	32	.2
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0201 Were haemoglobin estimations done?

	Value	Frequency	Percent
Not stated	-3	47	.3
Not known	-2	189	1.1
Yes	1	16547	96.2
No	2	413	2.4
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0202 If yes to A0201, no. of haemoglobin estimations
done

	Value	Frequency	Percent
Not stated	-3	1236	7.2
NA	-1	649	3.8
	1	2661	15.5
	2	5172	30.1
	3	3718	21.6
	4	1990	11.6
	5	896	5.2
	6	395	2.3
	7	203	1.2
	8	120	.7
	9	67	.4
	10	40	.2
	11	23	.1
	12	16	.1
	13	5	.0
	14	3	.0
	15	2	.0

TOTAL		17196	100.0
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A0203A Date of highest haemoglobin level: day

	Value	Frequency	Percent
Not stated	-3	706	4.1
No estimation/NA	-1	649	3.8
	1	438	2.5
	2	782	4.5
	3	800	4.7
	4	517	3.0
	5	544	3.2
	6	672	3.9
	7	453	2.6
	8	428	2.5
	9	653	3.8
	10	695	4.0
	11	551	3.2
	12	602	3.5
	13	520	3.0
	14	286	1.7
	15	320	1.9
	16	574	3.3
	17	586	3.4
	18	565	3.3
	19	601	3.5
	20	546	3.2
	21	297	1.7
	22	326	1.9
	23	633	3.7
	24	596	3.5
	25	557	3.2
	26	634	3.7
	27	440	2.6
	28	271	1.6
	29	307	1.8
	30	324	1.9
	31	323	1.9
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0203B Date of highest haemoglobin level: month

	Value	Frequency	Percent
Not stated	-3	706	4.1
No estimation/NA	-1	649	3.8
	1	1410	8.2
	2	2678	15.6
	3	4339	25.2
	4	1402	8.2
	6	3	.0
	7	30	.2
	8	314	1.8
	9	1567	9.1
	10	1994	11.6
	11	1257	7.3
	12	847	4.9

TOTAL

17196 100.0

A0204A Date of lowest haemoglobin level day

	Value	Frequency	Percent
Date not known	-2	437	2.5
<2 estimations/NA	-1	4546	26.4
	1	245	1.4
	2	523	3.0
	3	602	3.5
	4	422	2.5
	5	485	2.8
	6	558	3.2
	7	282	1.6
	8	279	1.6
	9	535	3.1
	10	550	3.2
	11	445	2.6
	12	501	2.9
	13	434	2.5
	14	273	1.6
	15	237	1.4
	16	456	2.7
	17	461	2.7
	18	422	2.5
	19	485	2.8
	20	469	2.7
	21	234	1.4
	22	268	1.6
	23	494	2.9
	24	436	2.5
	25	355	2.1
	26	470	2.7
	27	366	2.1
	28	244	1.4
	29	288	1.7
	30	223	1.3
	31	171	1.0

TOTAL

17196

100.0

A0204B Date of lowest haemoglobin level months

	Value	Frequency	Percent
Not known	-2	438	2.5
<2 estimations/NA	-1	4546	26.4
January	1	1960	11.4
February	2	2902	16.9
March	3	2762	16.1
April	4	629	3.7
June	6	3	.0
July	7	6	.0
August	8	119	.7
September	9	674	3.9
October	10	1292	7.5
November	11	996	5.8
December	12	869	5.1

TOTAL		17196	100.0
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A0205A Highest haemoglobin estimation

	Value	Frequency	Percent
Not stated	-3	417	2.4
NA. no estimations	-1	649	3.8
5.80-7.30/41-50%	2	2	.0
7.31-8.75/51-60%	3	9	.1
8.76-10.20/61-70%	4	190	1.1
10.21-11.65/71-80%	5	2719	15.8
11.66-13.10/81-90%	6	8602	50.0
13.11-14.60/91-100%	7	4169	24.2
>14.60/>100%	8	439	2.6

TOTAL		17196	100.0
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A0205B Lowest haemoglobin estimation

	Value	Frequency	Percent
Not stated	-3	331	1.9
NA: <2 estimations	-1	4546	26.4
LT 5.80/LT 41%	1	2	.0
5.80-7.30/41-50%	2	16	.1
7.31-8.75/51-60%	3	152	0.9
8.76-10.20/61-70%	4	1529	8.9
10.21-11.65/71-80%	5	5598	32.6
11.66-13.10/81-90%	6	4490	26.1
13.11-14.60/91-100%	7	518	3.0
>14.60/>100%	8	14	.1

TOTAL		17196	100.0
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W.R. or similar test

(Although the result of this was enquired, for confidentiality reasons it was not coded. Indeed the responses on the questionnaires have all been blacked out)

A0206 WR or similar test

	Value	Frequency	Percent
Not stated	-3	113	.7
Not known	-2	938	5.5
Done	1	15109	87.9
Not done	3	1036	6.0
<hr/>			
TOTAL		17196	100.0

Question 18: Blood pressures during antenatal period

A0207 First blood pressure reading: systolic

	Value	Frequency	Percent
Systolic not known	-3	1	.0
No info. on 1st b.p.	-2	567	3.3
No info. on any b.p.	-1	421	2.4
Systolic given		16207	94.2
<hr/>			
TOTAL		17196	100.0

range 75 - 230
median 120

A0208 First blood pressure reading: diastolic

	Value	Frequency	Percent
Diastolic not known	-3	7	.0
No info. on 1st b.p.	-2	567	3.3
No info on any b.p.	-1	421	2.4
Diastolic given		16201	94.3
<hr/>			
TOTAL		17196	100.0

range 20 - 140
median 70

A0209 Day of 1st blood pressure reading day

	Value	Frequency	Percent
No info. on 1st b.p.	-2	567	3.3
No info on any b.p.	-1	421	2.4
	1	453	2.6
	2	562	3.3
	3	705	4.1
	4	554	3.2
	5	520	3.0
	6	557	3.2
	7	516	3.0
	8	575	3.3
	9	594	3.5
	10	719	4.2
	11	505	2.9
	12	507	2.9
	13	515	3.0
	14	504	2.9
	15	568	3.3
	16	580	3.4
	17	640	3.7
	18	499	2.9
	19	513	3.0
	20	496	2.9
	21	427	2.5
	22	607	3.5
	23	555	3.2
	24	547	3.2
	25	443	2.6
	26	465	2.7
	27	447	2.6
	28	396	2.3
	29	575	3.3
	30	508	3.0
	31	156	.9
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TOTAL		17196	100.0
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A0210 1st blood pressure reading: month

	Value	Frequency	Percent
No info. 1st b.p.	-2	567	3.3
No info. any b.p.	-1	421	2.4
January	1	1400	8.1
February	2	925	5.4
March	3	591	3.4
April	4	148	.9
June	6	1	.0
July	7	31	.2
August	8	711	4.1
September	9	3498	20.3
October	10	4582	26.6
November	11	2728	15.9
December	12	1593	9.3
TOTAL		17196	100.0

A0211 Highest systolic blood pressure

	Value	Frequency	Percent
No info highest systolic	-2	559	3.3
No info on any bp	-1	421	2.4
Systolic given		16216	94.3
TOTAL		17196	100.0

range 90 - 250
median 130

A0212 Diastolic at time of highest systolic

	Value	Frequency	Percent
Diastolic not known	-3	4139	24.1
No info on bp with highest systolic	-2	559	3.3
No info any bp	-1	421	2.4
Diastolic given		12077	70.2
TOTAL		17196	100.0

range 30 - 170, median 70

A0213 Date of highest systolic blood pressure· day

	Value	Frequency	Percent
Date not known	-3	494	2.9
No info on bp with highest systolic	-2	559	3.3
No info on any bp	-1	421	2.4
	1	607	3.5
	2	872	5.1
	3	835	4.9
	4	528	3.1
	5	603	3.5
	6	825	4.8
	7	673	3.9
	8	607	3.5
	9	781	4.5
	10	714	4.2
	11	507	2.9
	12	519	3.0
	13	435	2.5
	14	212	1.2
	15	208	1.2
	16	495	2.9
	17	539	3.1
	18	479	2.8
	19	557	3.2
	20	463	2.7
	21	209	1.2
	22	181	1.1
	23	557	3.2
	24	583	3.4
	25	557	3.2
	26	597	3.5
	27	368	2.1
	28	217	1.3
	29	206	1.2
	30	267	1.6
	31	521	3.0
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TOTAL		17196	100.0
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A0214 Date of highest systolic blood pressure month

	Value	Frequency	Percent
Date not known	-3	494	2.9
No info on bp with highest systolic	-2	559	3.3
No info on any bp	-1	421	2.4
January	1	1544	9.0
February	2	2268	13.2
March	3	4843	28.2
April	4	3534	20.6
July	7	5	.0
August	8	112	.7
September	9	579	3.4
October	10	971	5.6
November	11	911	5.3
December	12	955	5.6

TOTAL		17196	100.0
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A0215 Systolic at time of highest diastolic

	Value	Frequency	Percent
Systolic not known	-3	4425	25.7
No info on bp with highest diastolic	-2	651	3.8
No info on any bp	-1	421	2.4
Systolic given		11699	68.0

TOTAL		17196	100.0
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range 90 - 230
median 120

A0216 Highest diastolic blood pressure reading

	Value	Frequency	Percent
No info on highest diastolic	-2	651	3.8
No info on any bp	-1	421	2.4
Diastolic given		16124	93.8

TOTAL		17196	100 0
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range 40 - 170
median 80

A0217 Date of highest diastolic blood pressure: day

	Value	Frequency	Percent
Date not known	-3	547	3.2
No info on bp with highest diastolic	-2	651	3.8
No info on any bp	-1	421	2.4
	1	716	4.2
	2	950	5.5
	3	886	5.2
	4	497	2.9
	5	575	3.3
	6	930	5.4
	7	738	4.3
	8	675	3.9
	9	828	4.8
	10	691	4.0
	11	472	2.7
	12	447	2.6
	13	360	2.1
	14	155	.9
	15	145	.8
	16	442	2.6
	17	494	2.9
	18	447	2.6
	19	506	2.9
	20	456	2.7
	21	163	.9
	22	136	.8
	23	552	3.2
	24	581	3.4
	25	581	3.4
	26	630	3.7
	27	333	1.9
	28	178	1.0
	29	155	.9
	30	246	1.4
	31	612	3.6

TOTAL

17196

100.0

A0218 Date of highest diastolic blood pressure. month

	Value	Frequency	Percent
Date not known	-3	547	3.2
No info on bp with highest diastolic	-2	651	3.8
No info on any bp	-1	421	2.4
January	1	1113	6.5
February	2	1913	11.1
March	3	5448	31.7
April	4	4685	27.2
July	7	5	.0
August	8	86	.5
September	9	430	2.5
October	10	668	3.9
November	11	596	3.5
December	12	633	3.7

TOTAL		17196	100.0
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A0219 Last blood pressure before labour: systolic

	Value	Frequency	Percent
Systolic not known	-3	8	.0
No info on last bp	-2	1563	9.1
No info on any bp	-1	421	2.4
Systolic given		15204	88.4

TOTAL		17196	100.0
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range 75 - 230

A0220 Last blood pressure before labour: diastolic

	Value	Frequency	Percent
Diastolic not known	-3	2	.0
No info on last bp	-2	1563	9.1
No info on any bp	-1	421	2.4
Diastolic given		15210	88.5

TOTAL		17196	100.0
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range 20 - 150
median 78

A0221 Date of last blood pressure reading before labour
 day

	Value	Frequency	Percent
No info on last bp	-2	1563	9.1
No info on any bp	-1	421	2.4
	1	1135	6.6
	2	1331	7.7
	3	1172	6.8
	4	494	2.9
	5	726	4.2
	6	1778	10.3
	7	1946	11.3
	8	1660	9.7
	9	1352	7.9
	10	1012	5.9
	11	431	2.5
	12	34	.2
	13	33	.2
	14	2	.0
	15	3	.0
	16	55	.3
	17	71	.4
	18	41	.2
	19	61	.4
	20	73	.4
	21	9	.1
	22	2	.0
	23	191	1.1
	24	193	1.1
	25	188	1.1
	26	221	1.3
	27	57	.3
	28	30	.2
	29	12	.1
	30	79	.5
	31	820	4.8
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0222 Date of Last blood pressure reading before labour:
month

	Value	Frequency	Percent
No info on last bp	-2	1563	9.1
No info on any bp	-1	421	2.4
January	1	24	.1
February	2	78	.5
March	3	2284	13.3
April	4	12810	74.5
August	8	1	.0
October	10	3	.0
November	11	4	.0
December	12	8	.0

TOTAL		17196	100.0
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Question 18: Was there any non-infective proteinuria?

A0226 Non-infective proteinuria

	Value	Frequency	Percent
Not stated	-3	104	.6
Not known	-2	318	1.8
Yes	1	1871	10.9
No	2	14903	86.7

TOTAL		17196	100.0
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Question 18: Was pitting oedema present?

A0227 Pitting oedema

	Value	Frequency	Percent
Not stated	-3	129	.8
Not known	-2	204	1.2
Yes	1	1875	10.9
No	2	14988	87.2

TOTAL		17196	100.0
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Question 18: Were there any eclamptic fits prior to labour?

A0228 Eclamptic fits

	Value	Frequency	Percent
Not stated	-3	142	.8
Not known	-2	58	.3
Yes	1	39	.2
No	2	16957	98.6
TOTAL		17196	100.0

Question 19: Has the mother clinical diabetes?

A0229 Presence of clinical diabetes in mother

	Value	Frequency	Percent
Not stated	-3	73	.4
Not known	-2	91	.5
Yes	1	95	.6
No	2	16937	98.5
TOTAL		17196	100.0

Question 20: Was there any bleeding from the genital tract after the last period and before the onset of labour?

A0230 Occurrence of genital tract bleeding

	Value	Frequency	Percent
Not stated	-3	113	.7
No	0	15165	88.2
Yes	1	1918	11.2
TOTAL		17196	100.0

A0231 Number of genital tract bleeds

	Value	Frequency	Percent
Not stated	-3	113	.7
Not known	-2	327	1.9
No. of bleeds	0	15165	88.2
	1	1062	6.2
	2	286	1.7
	3	112	.7
	4	43	.3
	5	24	.1
	6	14	.1
	7	3	.0
	8	6	.0
	9	4	.0
	10	2	.0
	11	1	.0
	12	4	.0
	14	2	.0
	30	1	.0
Many bleeds	70	27	.2
<hr/>			
TOTAL		17196	100.0
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Question 20: Date of first (or only bleed)

A0232 Month of 1st/only genital tract bleed

	Value	Frequency	Percent
Not stated	-3	113	.7
Bled: date NK	-2	145	.8
NA: no bleed	-1	15165	88.2
January	1	107	.6
February	2	143	.8
March	3	203	1.2
April	4	224	1.3
May	5	2	.0
June	6	10	.1
July	7	148	.9
August	8	265	1.5
September	9	276	1.6
October	10	188	1.1
November	11	105	.6
December	12	102	.6
<hr/>			
TOTAL		17196	100.0
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Question 20: Date of last bleed

A0233 Month of last genital tract bleed

	Value	Frequency	Percent
Not stated	-3	113	.7
Bled. date NK	-2	271	1.6
NA: no bleeding	-1	15165	88.2
January	1	108	.6
February	2	123	.7
March	3	196	1.1
April	4	311	1.8
May	5	1	.0
June	6	8	.0
July	7	88	.5
August	8	204	1.2
September	9	254	1.5
October	10	158	.9
November	11	99	.6
December	12	97	.6

TOTAL		17196	100.0
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A0234 Cause of genital tract bleed(s)

	Value	Frequency	Percent
Not stated	-3	113	.7
Bled: cause NK	-2	504	2.9
NA: no bleeding	-1	15165	88.2
Placenta praevia	1	93	.5
Abruptio placentae	2	210	1.2
Threatened abortion	3	731	4.3
Other	4	360	2.1
Abruptio placentae & threatened abortion	5	20	.1

TOTAL		17196	100.0
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Question 21: X-rays taken of the mother during pregnancy
(The answers to this question were not mutually exclusive)

A0235A Chest X-ray

	Value	Frequency	Percent
Not stated	-3	56	.3
Not known	-2	60	.3
No	0	14010	81.5
Yes	1	3070	17.9

TOTAL		17196	100.0
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A0235B Abdominal X-ray

	Value	Frequency	Percent
Not stated	-3	56	.3
Not known	-2	60	.3
No	0	16425	95.5
Yes	1	655	3.8
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0235C Pelvic X-ray

	Value	Frequency	Percent
Not stated	-3	56	.3
Not known	-2	60	.3
No	0	16965	98.7
Yes	1	115	.7
<hr/>			
TOTAL		17196	100.0
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A0235D Other X-ray

	Value	Frequency	Percent
Not stated	-3	56	.3
Not known	-2	60	.3
No	0	16965	98.7
Yes	1	115	.7
<hr/>			
TOTAL		17196	100.0
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Question 22: Did the mother have any inpatient care during the antenatal period (excluding admissions in labour or false labour)?

A0236 No. of admissions

	Value	Frequency	Percent
Not stated	-3	57	.3
Not known	-2	5	.0
None	0	13559	78.8
One admission	1	2851	16.6
Two admissions	2	486	2.8
Three admissions	3	90	.5
Four admissions	4	21	.1
Five admissions	5	5	.0
Six admissions	6	2	.0
Yes & no details	7	118	.7
Yes, some details	8	2	.0
<hr/>			
TOTAL		17196	100.0
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A0237 Number of times mother discharged

	Value	Frequency	Percent
Not known	-2	184	1.1
Not applicable	-1	13559	78.8
No discharge prior to delivery	0	1683	9.8
One discharge	1	1503	8.7
Two discharges	2	216	1.3
Three discharges	3	36	.2
Four discharges	4	12	.1
Five discharges	5	3	.0
<hr/>			
TOTAL		17196	100.0
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A0238A Date of 1st/only admission· day

	Value	Frequency	Percent
Not known	-2	246	1.4
Not applicable· no admission	-1	13559	78.8
	1	169	1.0
	2	195	1.1
	3	222	1.3
	4	172	1.0
	5	132	.8
	6	208	1.2
	7	160	.9
	8	159	.9
	9	171	1.0
	10	108	.6
	11	73	.4
	12	89	.5
	13	93	.5
	14	59	.3
	15	47	.3
	16	67	.4
	17	100	.6
	18	76	.4
	19	118	.7
	20	95	.6
	21	81	.5
	22	46	.3
	23	103	.6
	24	90	.5
	25	80	.5
	26	104	.6
	27	94	.5
	28	77	.4
	29	42	.2
	30	59	.3
	31	102	.6
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TOTAL		17196	100.0
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A0238B Date of 1st/only admission. month

	Value	Frequency	Percent
Not known	-2	216	1.3
Not applicable· no admission	-1	13559	78.8
	1	212	1.2
	2	443	2.6
	3	1179	6.9
	4	1206	7.0
	6	1	.0
	7	3	.0
	8	38	.2
	9	75	.4
	10	82	.5
	11	84	.5
	12	98	.6
<hr/>			
TOTAL		17196	100.0
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A0239A Date discharge from 1st admission. days

	Value	Frequency	Percent
Not known	-2	259	1.5
Not applicable: no discharge	-1	15242	88.6
	1	50	.3
	2	51	.3
	3	56	.3
	4	73	.4
	5	55	.3
	6	58	.3
	7	53	.3
	8	34	.2
	9	48	.3
	10	45	.3
	11	46	.3
	12	44	.3
	13	68	.4
	14	57	.3
	15	32	.2
	16	45	.3
	17	58	.3
	18	58	.3
	19	57	.3
	20	78	.5
	21	61	.4
	22	42	.2
	23	79	.5
	24	70	.4
	25	65	.4
	26	74	.4
	27	70	.4
	28	57	.3
	29	36	.2
	30	36	.2
	31	39	.2

TOTAL

17196

100.0

A0239B Date discharge from 1st admission: month

	Value	Frequency	Percent
Not known	-2	240	1.4
Not applicable.no discharge	-1	15242	88.6
	1	152	.9
	2	339	2.0
	3	712	4.1
	4	171	1.0
	7	2	.0
	8	25	.1
	9	71	.4
	10	70	.4
	11	81	.5
	12	91	.5
<hr/>			
TOTAL		17196	100.0
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A0240A Date of last admission: day

	Value	Frequency	Percent
Not known	-2	184	1.1
Not applicable <2 admissions	-1	16410	95.4
	1	30	.2
	2	43	.3
	3	51	.3
	4	25	.1
	5	23	.1
	6	49	.3
	7	31	.2
	8	28	.2
	9	23	.1
	10	13	.1
	11	7	.0
	12	14	.1
	13	10	.1
	14	7	.0
	15	6	.0
	16	11	.1
	17	10	.1
	18	14	.1
	19	15	.1
	20	14	.1
	21	6	.0
	22	5	.0
	23	20	.1
	24	19	.1
	25	24	.1
	26	16	.1
	27	17	.1
	28	10	.1
	29	9	.1
	30	11	.1
	31	41	.2
<hr/>			
TOTAL		17196	100.0
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A0240B Date of last admission: month

	Value	Frequency	Percent
Not known	-2	182	1.1
Not applicable.< 2 admissions	-1	16410	95.4
	1	15	.1
	2	44	.3
	3	263	1.5
	4	270	1.6
	9	1	.0
	10	5	.0
	11	4	.0
	12	2	.0
<hr/>			
TOTAL		17196	100.0

A0241A Date of last discharge: day

	Value	Frequency	Percent
Not known	-2	189	1.1
Not applicable:<2 discharges	-1	16831	97.9
	1	10	.1
	2	13	.1
	3	8	.0
	4	8	.0
	5	4	.0
	6	7	.0
	7	6	.0
	8	1	.0
	9	5	.0
	10	4	.0
	11	6	.0
	12	5	.0
	13	1	.0
	14	5	.0
	15	5	.0
	16	5	.0
	17	8	.0
	18	3	0
	19	1	.0
	20	11	.1
	21	5	.0
	22	5	.0
	23	2	.0
	24	4	.0
	25	7	.0
	26	17	.1
	27	8	0
	28	3	.0
	29	1	.0
	30	4	.0
	31	4	.0
<hr/>			
TOTAL		17196	100.0

A0241B Date of last discharge: month

	Value	Frequency	Percent
Not known	-2	188	1.1
Not applicable <2 discharges	-1	16831	97.9
	1	8	.0
	2	17	.1
	3	100	.6
	4	42	.2
	9	1	.0
	10	5	.0
	11	2	.0
	12	2	.0
<hr/>			
TOTAL		17196	100.0

Question 23: Where was the mother delivered?

A0242 Place of delivery

	Value	Frequency	Percent
Not stated	-3	1	.0
Gynaecology ward	0	4	.0
At home	1	2215	12.9
Consultant bed	2	11497	66.9
G.P bed in consultant hospital	3	526	3.1
NHS GP unit	4	2598	15.1
Private bed NHS hospital	5	85	.5
Military hospital	6	136	.8
Private - other	7	125	.7
Mother & baby home	8	9	.1
<hr/>			
TOTAL		17196	100.0

Question 23: Was the mother booked for delivery at the place where her confinement occurred?

A0243 Was the delivery booked at the place of confinement?

	Value	Frequency	Percent
Not stated	-3	120	.7
Not known	-2	10	.1
Yes	1	15233	88.6
No	2	1833	10.7
<hr/>			
TOTAL		17196	100.0

Question 23 If yes to A0243, give the date of booking

A0244A Date booked. day

	Value	Frequency	Percent
Not stated	-3	2038	11.9
Not applicable	-1	1963	11.4
	1	383	2.2
	2	457	2.7
	3	560	3.3
	4	416	2.4
	5	434	2.5
	6	474	2.8
	7	372	2.2
	8	416	2.4
	9	501	2.9
	10	553	3.2
	11	380	2.2
	12	461	2.7
	13	437	2.5
	14	404	2.3
	15	467	2.7
	16	467	2.7
	17	551	3.2
	18	404	2.3
	19	435	2.5
	20	465	2.7
	21	335	1.9
	22	476	2.8
	23	412	2.4
	24	433	2.5
	25	367	2.1
	26	406	2.4
	27	390	2.3
	28	314	1.8
	29	483	2.8
	30	392	2.3
	31	150	.9

TOTAL

17196 100.0

A0244B Date booked. month

	Value	Frequency	Percent
Not stated	-3	1898	11.0
Not applicable	-1	1963	11.4
January	1	1367	7.9
February	2	937	5.4
March	3	699	4.1
April	4	123	.7
June	6	1	.0
July	7	24	.1
Aug	8	474	2.8
September	9	2514	14.6
October	10	3502	20.4
November	11	2272	13.2
December	12	1422	8.3
<hr/>			
TOTAL		17196	100.0
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Question 24: Did labour start: spontaneously/induced/not known?

A0245 Start of labour

	Value	Frequency	Percent
Not stated	-3	40	.2
Not known	-2	225	1.3
Spontaneous	1	12264	71.3
Induced	2	4403	25.6
Caesarean section	8	264	1.5
<hr/>			
TOTAL		17196	100.0
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Question 24: If induced, what methods were used?

(the replies were not mutually exclusive). From the responses, it was obvious that this question was not answered accurately: many women who went into labour spontaneously were given positive responses. Substantial editing has therefore taken place.

A0246A Labour induced by intravenous oxytocic

	Value	Frequency	Percent
Not stated	-3	60	.3
Not known	-2	227	1.3
No	0	15239	88.6
Yes	1	1670	9.7

TOTAL		17196	100.0
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A0246B Labour induced by buccal oxytocic

	Value	Frequency	Percent
Not stated	-3	60	.3
Not known	-2	227	1.3
No	0	16426	95.5
Yes	1	483	2.8

TOTAL		17196	100.0
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A0246C Labour induced by other oxytocic drugs

	Value	Frequency	Percent
Not stated	-3	60	.3
Not known	-2	227	1.3
No	0	16863	98.1
Yes	1	46	.3

TOTAL		17196	100.0
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A0246D Labour induced by artificial rupture of membranes

	Value	Frequency	Percent
Not stated	-3	60	.3
Not known	-2	227	1.3
No	0	13434	78.1
Yes	1	3475	20.2

TOTAL		17196	100.0
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A0246E Labour induced by other obe/oestrogens

	Value	Frequency	Percent
Not stated	-3	60	.3
Not known	-2	227	1.3
No	0	16635	96.7
Yes	1	274	1.6
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TOTAL		17196	100.0
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A0246F Labour induced by membrane sweep

	Value	Frequency	Percent
Not stated	-3	60	.3
Not known	-2	227	1.3
No	0	16823	97.8
Yes	1	86	.5
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0246G Labour induced by I.M. oxytocic drug

	Value	Frequency	Percent
Not stated	-3	60	.3
Not known	-2	227	1.3
No	0	16898	98.3
Yes	1	11	.1
<hr/>			
TOTAL		17196	100.0
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Question 24: What was the time interval between the rupture of the membranes and the delivery?

A0247 Rupture & delivery interval

	Value	Frequency	Percent
Not stated	-3	627	3.6
Not known	-2	209	1.2
< 24 hrs	1	14707	85.5
24-47 hrs	2	1227	7.1
48+ hrs	3	420	2.4
Not ruptured	4	6	.0
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TOTAL		17196	100.0
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Question 25. Was the birth single/twin/triplet/other?

A0248 Multiple pregnancy

	Value	Frequency	Percent
Singleton	1	16815	97.8
Twin	2	378	2.2
Triples	3	3	.0
<hr/>			
TOTAL		17196	100.0
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A0253 Hour of birth

(The response was given as a.m. or p.m. Coders changed to a 24 hour clock. As can be seen below, there was a dearth of cases coded as 0 and an excess at 12 hours. Unfortunately return to questionnaires is unlikely to clarify this)

	Value	Frequency	Percent
Not stated	-3	120	.7
00.01 Hrs-00.59 Hrs	0	157	.9
01.00 Hrs-01.59 Hrs	1	710	4.1
02.00 Hrs-02.59 Hrs	2	739	4.3
03.00 Hrs-03.59 Hrs	3	771	4.5
04.00 Hrs-04.59 Hrs	4	742	4.3
05.00 Hrs-05.59 Hrs	5	706	4.1
06.00 Hrs-06.59 Hrs	6	704	4.1
07.00 Hrs-07.59 Hrs	7	638	3.7
08.00 Hrs-08.59 Hrs	8	597	3.5
09.00 Hrs-09.59 Hrs	9	794	4.6
10.00 Hrs-10.59 Hrs	10	663	3.9
11.00 Hrs-11.59 Hrs	11	660	3.8
12.00 Hrs-12.59 Hrs	12	1190	6.9
13.00 Hrs-13.59 Hrs	13	610	3.5
14.00 Hrs-14.59 Hrs	14	693	4.0
15.00 Hrs-15.59 Hrs	15	711	4.1
16.00 Hrs-16.59 Hrs	16	687	4.0
17.00 Hrs-17.59 Hrs	17	756	4.4
18.00 Hrs-18.59 Hrs	18	766	4.5
19.00 Hrs-19.59 Hrs	19	754	4.4
20.00 Hrs-20.59 Hrs	20	754	4.4
21.00 Hrs-21.59 Hrs	21	747	4.3
22.00 Hrs-22.59 Hrs	22	749	4.4
23.00 Hrs-23.59 Hrs	23	778	4.5
<hr/>			
TOTAL		17196	100.0
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A0254 Outcome of delivery

	Value	Frequency	Percent
Fetal death	1	242	1.4
Livebirth	2	16954	98.6
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TOTAL		17196	100.0
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A0255 Sex of the baby

	Value	Frequency	Percent
Not stated	-3	4	.0
Not known	-2	7	.0
Male	1	8906	51.8
Female	2	8279	48.1
<hr/>			
TOTAL		17196	100.0
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Question 26. Give the length of each stage of labour

A0256 Duration of 1st stage of labour: hrs

	Value	Frequency	Percent
Not stated	-3	49	.3
Not known	-2	123	.7
NA:caesarean section	-1	515	3.0
< 1 hour	0	228	1.3
	1	712	4.1
	2	1280	7.4
	3	1557	9.1
	4	1521	8.8
	5	1475	8.6
	6	1357	7.9
	7	1170	6.8
	8	997	5.8
	9	826	4.8
	10	741	4.3
	11	638	3.7
	12	588	3.4
	13	454	2.6
	14	358	2.1
	15	335	1.9
	16	294	1.7
	17	220	1.3
	18	204	1.2
	19	180	1.0
	20	169	1.0
	21	132	.8
	22	104	.6

	Value	Frequency	Percent
	23	112	.7
	24	140	.8
	25	93	.5
	26	71	.4
	27	60	.3
	28	54	.3
	29	40	.2
	30	45	.3
	31	35	.2
	32	30	.2
	33	29	.2
	34	20	.1
	35	20	.1
	36	33	.2
	37	19	.1
	38	20	.1
	39	7	.0
	40	18	.1
	41	13	.1
	42	9	.1
	43	16	.1
	44	9	.1
	45	10	.1
	46	7	.0
	47	5	.0
	48	11	.1
	49	5	.0
	50	7	.0
	51	4	.0
	52	1	.0
	53	2	.0
	54	2	.0
	55	2	.0
	56	4	.0
	57	5	.0
	58	1	.0
	61	1	.0
	71	3	.0
	72	1	.0
	73	1	.0
	76	1	.0
	80	1	.0
	98	2	.0
90 hrs+			
TOTAL		17196	100.0

A0257 Duration of 2nd stage of labour: 1/4 hour
intervals

	Value	Frequency	Percent
Not stated	-3	305	1.8
Not known	-2	250	1.5
NA:caesarean section	-1	534	3.1
1-15 min	1	7273	42.3
16-30 min	2	4085	23.8
31-45 min	3	1962	11.4
46-60 min	4	1141	6.6
1.01 Hrs - 1.25 Hrs	5	608	3.5
1.26 Hrs - 1.5 Hrs	6	407	2.4
1.51 Hrs - 1.75 Hrs	7	245	1.4
1.76 Hrs - 2.00 Hrs	8	138	.8
2.01 Hrs - 2.25 Hrs	9	100	.6
2.26 Hrs - 2.5 Hrs	10	48	.3
2.51 Hrs - 2.75 Hrs	11	32	.2
2.76 Hrs - 3.00 Hrs	12	21	.1
3.01 Hrs - 3.25 Hrs	13	15	.1
3.26 Hrs - 3.5 Hrs	14	15	.1
3.51 Hrs - 3.75 Hrs	15	4	.0
3.76 Hrs - 4.00 Hrs	16	4	.0
4.01 Hrs - 4.25 Hrs	17	1	.0
4.26 Hrs - 4.5 Hrs	18	2	.0
4.51 Hrs - 4.75 Hrs	19	2	.0
4.76 Hrs - 5.00 Hrs	20	1	.0
5.01 Hrs - 5.25 Hrs	21	1	.0
5.26 Hrs - 5.5 Hrs	22	1	.0
5.51 Hrs - 5.75 Hrs	23	1	.0
TOTAL		17196	100.0

A0258 Duration of 3rd stage of labour

	Value	Frequency	Percent
Not stated	-3	324	1.9
Not known	-2	5	.0
NA:caesarean section	-1	534	3.1
1-15 min	1	15489	90.1
16-30 min	2	408	2.4
31-45 min	3	75	.4
46-60 min	4	55	.3
1.01 Hrs - 1.25 Hrs	5	34	.2
1.26 Hrs - 1.5 Hrs	6	38	.2
1.51 Hrs - 1.75 Hrs	7	26	.2
1.76 Hrs - 2.00 Hrs	8	27	.2
2.01 Hrs - 2.25 Hrs	9	15	.1
2.26 Hrs - 2.5 Hrs	10	10	.1
2.51 Hrs - 2.75 Hrs	11	8	.0
2.76 Hrs - 3.00 Hrs	12	9	.1
3.01 Hrs - 3.25 Hrs	13	1	.0
3.26 Hrs - 3.5 Hrs	14	4	.0
3.51 Hrs - 3.75 Hrs	15	3	.0
3.76 Hrs - 4.00 Hrs	16	1	.0
4.01 Hrs - 4.25 Hrs	17	3	.0
4.26 Hrs - 4.5 Hrs	18	1	.0
4.51 Hrs - 4.75 Hrs	19	1	.0
4.76 Hrs - 5.00 Hrs	20	2	.0
5.01 Hrs+	21	123	.7
<hr/>			
TOTAL		17196	100.0

Question 27: During labour did the fetal heart rate: remain
between 120 and 160, rise above 160, fall
below 120.

A0259 Fetal heart rate

	Value	Frequency	Percent
Not stated	-3	252	1.5
Not known	-2	538	3.1
120-160	1	14954	87.0
Rise above 160	2	415	2.4
Fall below 120	3	890	5.2
<120 & 160+	4	53	.3
Not heard	5	87	.5
Heard then not heard	6	7	.0
<hr/>			
TOTAL		17196	100.0

Question 27: Other recordings made on the fetus

A0260 Recordings made

	Value	Frequency	Percent
Not stated	-3	2399	14.0
None	0	14430	83.9
Fetal E.C.G.	1	36	.2
Scalp blood sampling	2	34	.2
1 + 2	3	13	.1
Sonar records	4	213	1.2
2 + 4	6	10	.1
1 + 2 + 4	7	3	.0
Other	8	35	.2
1 + 8	9	2	.0
2 + 8	10	1	.0
Amnioscopy	16	1	.0
Known IU death	90	19	.1
<hr/>			
TOTAL		17196	100.0

Question 27: Was there passage of meconium?

A0261A Meconium

	Value	Frequency	Percent
Not stated	-3	398	2.3
Not known	-2	202	1.2
Yes	1	1898	11.0
No	2	14698	85.5
<hr/>			
TOTAL		17196	100.0

A0261B Prolapsed cord

	Value	Frequency	Percent
Not stated	-3	398	2.3
Not known	-2	201	1.2
Yes	1	20	.1
No	2	16577	96.4
<hr/>			
TOTAL		17196	100.0

A0262 Method of delivery

	Value	Frequency	Percent
Not stated	-3	44	.3
Not known	-2	1	.0
Spont.cephalic anterior	1	13861	80.6
Spont.cephalic posterior	2	520	3.0
Spontaneous breech	3	245	1.4
Forceps cephalic	4	1380	8.0
" with breech	5	246	1.4
" other	6	7	.0
Caesarean section	7	775	4.5
Vacuum extraction	8	117	.7
<hr/>			
TOTAL		17196	100.0

Question 29: Relief of pain during labour

A0263 Analgesics

	Value	Frequency	Percent
None indicated	-3	6229	36.2
Not known	-2	499	2.9
Gas & oxygen (O ₂)	1	8894	51.7
Gas & air	2	325	1.9
Trilene	3	1171	6.8
Gas/O ₂ & gas/air	4	11	.1
Gas/O ₂ & trilene	5	33	.2
Gas/air & trilene	6	2	.0
Gas/O ₂ & gas/air & trilene	7	1	.0
Other inhalation	8	31	.2
<hr/>			
TOTAL		17196	100.0

A0264 Drugs

	Value	Frequency	Percent
None indicated	-3	4465	26.0
Pethidine	1	5180	30.1
Pethilorfan	2	3353	19.5
1 + 2	3	309	1.8
Morphia	4	121	.7
1 + 4	5	100	.6
2 + 4	6	21	.1
1 + 2 + 4	7	5	.0
Fortral	8	173	1.0
1 + 8	9	23	.1
2 + 8	10	9	.1
1 + 2 + 8	11	2	.0
4 + 8	12	2	.0
1 + 4 + 8	13	1	.0
Other drugs	16	576	3.3
1 + 16	17	1972	11.5
2 + 16	18	607	3.5
1 + 2 + 16	19	153	.9
4 + 16	20	30	.2
1 + 4 + 16	21	47	.3
2 + 4 + 16	22	6	.0
1 + 2 + 4 + 16	23	5	.0
8 + 16	24	18	.1
1 + 8 + 16	25	6	.0
2 + 8 + 16	26	2	.0
1 + 2 + 8 + 16	27	3	.0
1 + 4 + 8 + 16	29	2	.0
Pethidine/fortral - double blind trial	98	5	.0

TOTAL

17196 100.0

A0265 Pain relief: other methods

	Value	Frequency	Percent
None indicated	-3	16529	96.1
Psychoprophylaxis	1	254	1.5
Hypnosis	2	11	.1
Decompression	4	2	.0
Omnipon	8	238	1.4
1 + 8	9	3	.0
2 + 8	10	1	.0
Heroin	16	129	.8
1 + 16	17	2	.0
8 + 16	24	1	.0
Lethidrone	32	18	.1
1 + 32	33	1	.0
8 + 32	40	1	.0
16 + 32	48	1	.0
Controlled breathing	64	5	.0
<hr/>			
TOTAL		17196	100.0
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A0266A Anaesthetics during labour: binary weight

	Value	Frequency	Percent
Not stated	-3	12631	73.5
General	1	933	5.4
Caudal	2	36	.2
1 + 2	3	5	.0
Epidural	4	86	.5
1 + 4	5	9	.1
Local	8	3354	19.5
1 + 8	9	25	.1
2 + 8	10	6	.0
4 + 8	12	14	.1
Other	16	60	.3
1 + 16	17	5	.0
8 + 16	24	22	.1
Analgesics-respiratory	32	6	.0
1 + 32	33	3	.0
8 + 32	40	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0266B Anaesthetics post labour. binary weight

	Value	Frequency	Percent
None indicated	-3	12363	71.9
General	1	540	3.1
Caudal	2	3	.0
Epidural	4	14	.1
1 + 4	5	1	.0
Local	8	4197	24.4
1 + 8	9	13	.1
2 + 8	10	1	.0
4 + 8	12	3	.0
1 + 4 + 8	13	1	.0
Other	16	25	.1
8 + 16	24	1	.0
Analgesics-respiratory	32	20	.1
1 + 32	33	1	.0
8 + 32	40	13	.1

TOTAL		17196	100.0
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A0266AA General anaesthetic during labour

	Value	Frequency	Percent
No	0	16216	94.3
Yes	1	980	5.7

TOTAL		17196	100.0
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A0266AB Epidural anaesthetic during labour

	Value	Frequency	Percent
No	0	17087	99.4
Yes	1	109	.6

TOTAL		17196	100.0
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A0266AC Local anaesthetic during labour

	Value	Frequency	Percent
No	0	13774	80.1
Yes	1	3422	19.9
TOTAL		17196	100.0

A0266AD Other anaesthetic during labour

	Value	Frequency	Percent
No	0	17109	99.5
Yes	1	87	.5
TOTAL		17196	100.0

A0266BA General anaesthetic post labour

	Value	Frequency	Percent
No	0	16640	96.8
Yes	1	556	3.2
TOTAL		17196	100.0

A0266BB Epidural anaesthetic post labour

	Value	Frequency	Percent
No	0	17177	99.9
Yes	1	19	.1
TOTAL		17196	100.0

A0266BC Local anaesthetic post labour

	Value	Frequency	Percent
No	0	12967	75.4
Yes	1	4229	24.6
TOTAL		17196	100.0

Question 30. Did a postpartum haemorrhage of 500 ml or more occur?

A0267 Postpartum haemorrhage

	Value	Frequency	Percent
Not stated	-3	36	.2
Not known	-2	27	.2
Yes	1	938	5.5
No	2	16195	94.2
TOTAL		17196	100.0

Question 30: Was a blood transfusion given?

A0268 Blood transfusion

	Value	Frequency	Percent
Not stated	-3	472	2.7
Not known	-2	3	.0
Yes	1	460	2.7
No	2	16261	94.6
TOTAL		17196	100.0

Question 30: Did the mother have a manual removal of the placenta?

A0269 Manual removal of placenta

	Value	Frequency	Percent
Not stated	-3	196	1.1
Not known	-2	2	.0
Yes	1	352	2.0
No	2	16646	96.8
TOTAL		17196	100.0

Question 31: When was regular respiration established?

A0270 Time to establish regular respiration			
	Value	Frequency	Percent
Not stated	-3	38	.2
Not known	-2	75	.4
Fetal death	-1	242	1.4
< 1 min	1	12836	74.6
1 - 3 min	2	3169	18.4
More than 3 mins	3	788	4.6
Resp not established	4	48	.3
<hr/>			
TOTAL		17196	100.0
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Question 31: Administration of oxygen...

A0271 Administration of oxygen			
	Value	Frequency	Percent
Not stated	-3	675	3.9
Not known	-2	14	.1
None	0	12397	72.1
Face Funnel	1	1650	9.6
Face Mask	2	1498	8.7
1 + 2	3	15	.1
Nasal Tube	4	114	.7
1 + 4	5	1	.0
2 + 4	6	4	.0
Endotracheal Tube	8	254	1.5
1 + 8	9	39	.2
2 + 8	10	70	.4
4 + 8	12	4	.0
Incubator	16	116	.7
1 + 16	17	73	.4
2 + 16	18	91	.5
1 + 2 + 16	19	3	.0
4 + 16	20	10	.1
2 + 4 + 16	22	1	.0
8 + 16	24	43	.3
1 + 8 + 16	25	16	.1
2 + 8 + 16	26	22	.1
4 + 8 + 16	28	2	.0
+Ve pressures & ventilation	32	50	.3
1 + 32	33	2	.0
2 + 32	34	10	.1
1 + 2 + 32	35	1	.0
8 + 32	40	4	.0
1 + 2 + 8 + 32	43	1	.0
16 + 32	48	6	.0
1 + 8 + 16 + 32	57	1	.0
Hyperbaric O ₂	64	1	.0
Other unspecified	128	8	.0
<hr/>			
TOTAL		17196	100.0
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A0271A Oxygen administered by face funnel

	Value	Frequency	Percent
Not stated	-3	675	3.9
Not known	-2	14	.1
No	0	14705	85.5
Yes	1	1802	10.5

TOTAL		17196	100.0
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A0271B Oxygen administered by face mask

	Value	Frequency	Percent
Not stated	-3	675	3.9
Not known	-2	14	.1
No	0	14791	86.0
Yes	1	1716	10.0

TOTAL		17196	100.0
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A0271C Oxygen administered by nasal tube

	Value	Frequency	Percent
Not stated	-3	675	3.9
Not known	-2	14	.1
No	0	16371	95.2
Yes	1	136	.8

TOTAL		17196	100.0
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A0271D Oxygen administered by endotracheal tube

	Value	Frequency	Percent
Not stated	-3	675	3.9
Not known	-2	14	.1
No	0	16051	93.3
Yes	1	456	2.7

TOTAL		17196	100.0
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A0271E Oxygen administered by incubator

	Value	Frequency	Percent
Not stated	-3	675	3.9
Not known	-2	14	.1
No	0	16123	93.8
Yes	1	384	2.2
TOTAL		17196	100.0

A0271F Oxygen administered by +Ve pressure & ventilation

	Value	Frequency	Percent
Not stated	-3	675	3.9
Not known	-2	14	.1
No	0	16432	95.6
Yes	1	75	.4
TOTAL		17196	100.0

Question 31: Other methods of resuscitation

A0272 Other methods of resuscitation: binary weight

	Value	Frequency	Percent
Not stated	-3	399	2.3
Not known	-2	22	.1
None	0	4110	23.9
Mouth To mouth	1	34	.2
Mucous extractor	2	11887	69.1
	3	43	.3
Stomach tube	4	44	.3
	5	2	.0
	6	590	3.4
	7	3	.0
Oesophageal tube	8	15	.1
	10	25	.1
	11	2	.0
	14	1	.0
External cardiac massage	16	1	.0
	18	11	.1
	19	4	.0
	20	1	.0
Tracheal tube	32	1	.0
	38	1	.0
TOTAL		17196	100.0

A0272A Mouth to mouth resuscitation

	Value	Frequency	Percent
Not stated	-3	399	2.3
Not known	-2	22	.1
No	0	16687	97.0
Yes	1	88	.5

TOTAL		17196	100.0
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A0272B Resuscitation by mucous extraction

	Value	Frequency	Percent
Not stated	-3	399	2.3
Not known	-2	22	.1
No	0	4208	24.5
Yes	1	12567	73.1

TOTAL		17196	100.0
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A0272C Resuscitation by stomach aspiration

	Value	Frequency	Percent
Not stated	-3	399	2.3
Not known	-2	22	.1
No	0	16133	93.8
Yes	1	642	3.7

TOTAL		17196	100.0
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A0272D Oesophageal tube passed

	Value	Frequency	Percent
Not stated	-3	399	2.3
Not known	-2	22	.1
No	0	16732	97.3
Yes	1	43	.3

TOTAL		17196	100.0
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A0272E Resuscitation by external cardiac massage

	Value	Frequency	Percent
Not stated	-3	399	2.3
Not known	-2	22	.1
No	0	16758	97.5
Yes	1	17	.1
TOTAL		17196	100.0

A0272F Resuscitation by tracheal aspiration

	Value	Frequency	Percent
Not stated	-3	399	2.3
Not known	-2	22	.1
No	0	16773	97.5
Yes	1	2	.0
TOTAL		17196	100.0

Question 31: Was vitamin K (e.g. Synkavit, Konakion) given?

A0273 Administration of vitamin K

	Value	Frequency	Percent
Not stated	-3	114	.7
Not known	-2	18	.1
Fetal death	-1	242	1.4
Yes	1	4100	23.8
No	2	12722	74.0
TOTAL		17196	100.0

Question 31: Were eyedrops used prophylactically?

A0274 Prophylactic use of eyedrops

	Value	Frequency	Percent
Not stated	-3	148	.9
Not known	-2	8	.0
Fetal death	-1	242	1.4
None	1	16456	95.7
Albucid	2	261	1.5
Silver Nitrate	3	6	.0
Normal Saline	5	53	.3
Other	6	22	.1

TOTAL		17196	100.0
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Question 31: Did the baby have Lethidrone (Nalorphine)?

A0275 Administration of Lethidrone to baby

	Value	Frequency	Percent
Not stated	-3	103	.6
Not known	-2	10	.1
Fetal death	-1	242	1.4
Yes	1	426	2.5
No	2	16415	95.5

TOTAL		17196	100.0
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Question 31: Did the baby have Vanillic acid (Vandid)?

A0276 Administration of Vanillic acid to baby

	Value	Frequency	Percent
Not stated	-3	969	5.6
Not known	-2	16	.1
Fetal death	-1	242	1.4
Yes	1	322	1.9
No	2	15647	91.0

TOTAL		17196	100.0
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Question 31: Other treatments given to baby

A0277 Other treatments given to baby

	Value	Frequency	Percent
Not stated	-3	571	3.3
Not known	-2	24	.1
Fetal death	-1	242	1.4
No	1	16045	93.3
Yes	2	314	1.8
TOTAL		17196	100.0

Question 32: Birthweight of baby

(the answer could be given in lb/oz or g. Coders converted the lb/oz into g. One coder converted the gm into lb.oz and thence into gm again! There is thus considerable digit preference for gm equivalents of ozs)

A0278 Birthweight of baby in grammes

	Value	Frequency	Percent
Not stated	-3	28	.2
Not known	-2	7	.0
Valid birthweights given		17161	99.8
TOTAL		17196	100.0

range 200 - 3300

Question 32: Age of baby when weighed

A0279 Age of baby at weighing

	Value	Frequency	Percent
Not stated	-3	568	3.3
Not known	-2	16	.1
Under 12 hours	1	16481	95.8
12 - 23 hours	2	90	.5
24 - 35 hours	3	19	.1
36+ hours	4	22	.1
TOTAL		17196	100.0

Question 32. Lowest weight

A0280 Lowest recorded weight of baby in grammes
(coding and problems as for A0278)

	Value	Frequency	Percent
Not stated	-3	3064	17.8
Not known	-2	5	.0
NA/baby died	-1	245	1.4
Weights given		13882	80.7
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TOTAL		17196	100.0
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A0281 Age in days to lowest weight of baby

	Value	Frequency	Percent
Not stated	-3	3455	20.1
	0	2353	13.7
	1	320	1.9
	2	2343	13.6
	3	3835	22.3
	4	2461	14.3
	5	1148	6.7
	6	712	4.1
	7	345	2.0
	8	2	.0
	9	25	.1
	10	23	.1
	11	36	.2
	12	31	.2
	13	36	.2
	14	32	.2
	15	39	.2
<hr/>			
TOTAL		17196	100.0
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Question 33: Was there an episiotomy or tear?

A0282 Episiotomy or tear

	Value	Frequency	Percent
Not stated	-3	92	.5
Not known	-2	7	.0
Episiotomy	1	5948	34.6
3rd degree tear	2	11	.1
Other tear	3	3674	21.4
None (including C.S.)	4	7350	42.7
Episiotomy + other tear	5	90	.5
Episiotomy + 3rd degree tear	6	24	.1
TOTAL			17196 100.0

Question 34: Who undertook the delivery?

(there were multiple codes for this)

A0283A Domiciliary midwife

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	115	.7
No	0	14941	86.9
Yes	1	2114	12.3
TOTAL			17196 100.0

A0283B Hospital midwife

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	115	.7
No	0	7249	42.2
Yes	1	9806	57.0
TOTAL			17196 100.0

A0283C Pupil midwife

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	115	.7
No	0	11572	67.3
Yes	1	5483	31.9

TOTAL		17196	100.0
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A0283D Consultant obstetrician

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	115	.7
No	0	16603	96.6
Yes	1	452	2.6

TOTAL		17196	100.0
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A0283E Registrar

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	115	.7
No	0	15622	90.8
Yes	1	1433	8.3

TOTAL		17196	100.0
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A0283F House officer

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	115	.7
No	0	15485	90.1
Yes	1	1570	9.1

TOTAL		17196	100.0
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A0283G General practitioner

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	115	.7
No	0	16559	96.3
Yes	1	496	2.9

TOTAL		17196	100.0
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A0283H Medical student

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	115	.7
No	0	16368	95.2
Yes	1	687	4.0

TOTAL		17196	100.0
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A0283I Other hospital doctor

	Value	Frequency	Percent
Not stated	-3	26	.2
Not known	-2	115	.7
No	0	17020	99.0
Yes	1	35	.2

TOTAL		17196	100.0
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Question 36: Part II was completed by: (various combinations of records and interviews were used - coded below)

A0284A Hospital records

	Value	Frequency	Percent
	-2	126	.7
No	0	4511	26.2
Yes	1	12559	73.0

TOTAL		17196	100.0
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A0284B GP records

	Value	Frequency	Percent
	-2	126	.7
No	0	15611	90.8
Yes	1	1459	8.5
TOTAL		17196	100.0

A0284C Midwife records

	Value	Frequency	Percent
	-2	126	.7
No	0	12204	71.0
Yes	1	4866	28.3
TOTAL		17196	100.0

A0284D Cooperation cards

	Value	Frequency	Percent
	-2	126	.7
No	0	13142	76.4
Yes	1	3928	22.8
TOTAL		17196	100.0

A0284E Personal communication with hospital doctor

	Value	Frequency	Percent
	-2	126	.7
No	0	16805	97.7
Yes	1	265	1.5
TOTAL		17196	100.0

A0284F Personal communication with GP

	Value	Frequency	Percent
	-2	126	.7
No	0	16326	94.9
Yes	1	744	4.3
TOTAL		17196	100.0

A0284G Personal communication with midwife

	Value	Frequency	Percent
	-2	126	.7
No	0	12436	72.3
Yes	1	4634	26.9
TOTAL		17196	100.0

A0284H Personal communication with mother

	Value	Frequency	Percent
	-2	126	.7
No	0	16582	96.4
Yes	1	488	2.8
TOTAL		17196	100.0

A0284I Other sources

	Value	Frequency	Percent
	-2	126	.7
No	0	17017	99.0
Yes	1	53	.3
TOTAL		17196	100.0

PART III

Question 36. Did the mother have any evidence of eclampsia occurring for the first time in labour or the puerperium?

A0288 Eclampsia first occurring during labour

	Value	Frequency	Percent
Not stated	-3	245	1.4
Not known	-2	36	.2
Yes	1	183	1.1
No	2	16732	97.3

TOTAL		17196	100.0
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Question 37. During the first seven days after the delivery did the mother:

A0289 Have any urinary infection?

	Value	Frequency	Percent
Not stated	-3	383	2.2
Not known	-2	28	.2
Yes	1	508	3.0
No	2	16277	94.7

TOTAL		17196	100.0
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A0290 Have any genital tract infection?

	Value	Frequency	Percent
Not stated	-3	640	3.7
Not known	-2	30	.2
Yes	1	344	2.0
No	2	16182	94.1

TOTAL		17196	100.0
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A0291 Have any venous complication of the legs?

	Value	Frequency	Percent
Not stated	-3	456	2.7
Not known	-2	22	.1
None	1	15833	92.1
In superficial veins	2	832	4.8
In deep veins	3	53	.3

TOTAL

17196

100.0

A0292 Have any operations in puerperium?

	Value	Frequency	Percent
Not stated	-3	353	2.1
Not known	-2	2	.0
None	0	16195	94.2
Sterilisation	1	543	3.2
Evacuation of uterus	10	53	.3
Resuturing perineum, secondary surgery of cervix, vagina, vulva	11	30	.2
Dental operations	12	2	.0
Breast abscess & incision	13	1	.0
Resuture of abdomen	14	4	.0
Resuture of abdomen & sterilisation	15	2	.0
Other abdominal operation	16	3	.0
Other operations	17	1	.0
10 + 11	18	2	.0
1 + 10	19	1	.0
Unspecified operation	77	4	.0

TOTAL

17196

100.0

A0293 Have Any Other morbidity or illness?

	Value	Frequency	Percent
Not stated	-3	486	2.8
Not known	-2	16	.1
None	0	15942	92.7
Evidence of infection	11	316	1.8
Signs of pre-eclampsia	12	87	.5
Puerperal psychosis/depression	13	59	.3
Oliguria	14	1	.0
Infection & hypertension	15	2	.0
Epileptic & epileptiform fits	16	13	.1
Poor perineal healing	17	33	.2
Blood transfusions	18	28	.2
Pulmonary embolism	19	7	.0
11 + 18	20	3	.0
Malignant disease	21	3	.0
Ruptured uterus	22	6	.0
11 + 13	24	1	.0
Scleroderma	25	1	.0
Unspecified	77	192	1.1

TOTAL		17196	100.0
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A0294 Was a haemoglobin estimation done?

	Value	Frequency	Percent
Not stated	-3	482	2.8
Not known	-2	118	.7
Yes	1	11235	65.3
No	2	5361	31.2

TOTAL		17196	100.0
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Question 38: Was the baby medically examined within the first 24 hours?

A0295 Medically examined

	Value	Frequency	Percent
Not stated	-3	104	.6
Not known	-2	95	.6
Fetal death	-1	242	1.4
Yes	1	12100	70.4
No	2	4655	27.1

TOTAL		17196	100.0
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Question 38. If yes, by whom? (multiple responses coded A0296A to A0296H)

A0296A Examined by consultant Obstetrician

	Value	Frequency	Percent
Not stated	-3	217	1.3
Not known	-2	107	.6
NA.baby not examined	-1	4897	28.5
No	0	11865	69.0
Yes	1	110	.6

TOTAL		17196	100.0
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A0296B Examined by obstetric registrar

	Value	Frequency	Percent
Not stated	-3	217	1.3
Not known	-2	107	.6
NA:baby not examined	-1	4897	28.5
No	0	11757	68.4
Yes	1	218	1.3

TOTAL		17196	100.0
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A0296C Examined by obstetric house officer

	Value	Frequency	Percent
Not stated	-3	217	1.3
Not known	-2	107	.6
NA:baby not examined	-1	4897	28.5
No	0	9637	56.0
Yes	1	2338	13.6

TOTAL		17196	100.0
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A0296D Examined by consultant paediatrician

	Value	Frequency	Percent
Not stated	-3	217	1.3
Not known	-2	107	.6
NA:baby not examined	-1	4897	28.5
No	0	11360	66.1
Yes	1	615	3.6
<hr/>			
TOTAL		17196	100.0

A0296E Examined by paediatric registrar

	Value	Frequency	Percent
Not stated	-3	217	1.3
Not known	-2	107	.6
NA:baby not examined	-1	4897	28.5
No	0	9964	57.9
Yes	1	2011	11.7
<hr/>			
TOTAL		17196	100.0

A0296F Examined by paediatric house officer

	Value	Frequency	Percent
Not stated	-3	217	1.3
Not known	-2	107	.6
NA:baby not examined	-1	4897	28.5
No	0	8417	48.9
Yes	1	3558	20.7
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TOTAL		17196	100 0

A0296G Examined by general practitioner

	Value	Frequency	Percent
Not stated	-3	217	1.3
Not known	-2	107	.6
NA:baby not examined	-1	4897	28.5
No	0	8324	48.4
Yes	1	3651	21.2
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TOTAL		17196	100.0

A0296H Examined by other

	Value	Frequency	Percent
Not stated	-3	217	1.3
Not known	-2	107	.6
NA:baby not examined	-1	4897	28.5
No	0	11877	69.1
Yes	1	98	.6
TOTAL		17196	100.0

Question 39: Lactation ... attempted/not attempted?

A0297 Lactation attempted

	Value	Frequency	Percent
Not stated	-3	228	1.3
Not known	-2	3	.0
Attempted	1	6311	36.7
Not attempted	2	10654	62.0
TOTAL		17196	100.0

A0298 Lactation suppressed

	Value	Frequency	Percent
Not stated	-3	2598	15.1
Not known	-2	11	.1
Suppressed	1	9785	56.9
Not suppressed	2	4802	27.9
TOTAL		17196	100.0

Question 39: If suppressed, was oestrogen used?

A0299 Was oestrogen used

	Value	Frequency	Percent
Not stated	-3	2628	15.3
Not known	-2	85	.5
NA: not suppressed	-1	4803	27.9
Oestrogen not used	1	1760	10.2
Stilboestrol	2	3216	18.7
Ethinylloestradiol	3	772	4.5
Quinestrol	4	3763	21.9
Mixogen	5	63	.4
2 + 4	6	37	.2
3 + 4	7	62	.4
Non-hormone treatment	8	7	.0

TOTAL		17196	100.0
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Code 2 included Sedestran;

Code 3 included Barboestryl, Equadiol, Estigyn, Lynoral, Menopax, Primogen C, Minovlar;

Code 4 included Estrovis, Hexestrol, Oestradiol, Hormogemin Co., Menformon, Micryston Oestrone, Ovestin, Pentovis, Premarin, Primogyn Depot, Tace, Vallestril, Oestrodial Benzoate;

Code 5 included Climatone, Femipausin, Menolet Sublets, Mepilin, Primodian, Primodian Depot.

Question 40. What type of feed did the baby have during each of the 24 hour periods after birth?

A0300 Feeding - day 1

	Value	Frequency	Percent
Not stated	-3	130	.8
Not known	-2	3	.0
NA: not alive	-1	243	1.4
None	0	243	1.4
Cow's & breast milk	1	3	.0
Other dried milk	2	24	.1
Cow's milk	3	3	.0
Farex & FC dried	7	1	.0
Breast milk only	10	3038	17.7
Water only	11	2536	14.7
FC & breast milk	12	162	.9
HC & breast milk	13	498	2.9
Humanised & breast	14	54	.3
Evaporated & breast	15	126	.7
Breast milk & SMA	16	46	.3
Full cream dried	20	1209	7.0
BM & other dried	21	2	.0
Sugar solution Hartman	22	3803	22.1
FC & HC dried milk	23	6	.0
FC & humanised	24	1	.0
Half cream only	30	3617	21.0
Breast & FC & HC	32	4	.0
HC & evaporated	35	31	.2
HC & IV fluid	37	5	.0
Humanised only	40	252	1.5
Evaporated only	50	796	4.6
Evaporated & SMA	56	2	.0
SMA only	60	298	1.7
IV fluid only	70	58	.3
Gastric drip only	80	2	.0

TOTAL	17196	100.0
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BM = breast milk, HC = half cream, FC = full cream.

A0301 Feeding of baby - day 2

	Value	Frequency	Percent
Not stated	-3	96	.6
Not known	-2	3	.0
NA not alive	-1	360	2.1
None	0	13	.1
Cow's & breast milk	1	13	.1
Other dried milk	2	35	.2
Cow's milk	3	6	.0
Condensed milk	5	3	.0
Farex & FC dried	7	1	.0
Breast milk only	10	3423	19.9
Water only	11	100	.6
FC & breast milk	12	391	2.3
HC & breast milk	13	1171	6.8
Humanised & breast	14	102	.6
Evaporated & breast	15	317	1.8
Breast milk & SMA	16	71	.4
Breast & IV fluid	17	3	.0
Full cream dried	20	2322	13.5
BM & other dried	21	6	.0
Sugar solution Hartman	22	355	2.1
FC & HC dried milk	23	33	.2
FC & humanised	24	1	.0
FC & evaporated	25	4	.0
FC & IV fluid	27	3	.0
Half cream only	30	6269	36.5
Breast & FC & HC	32	2	.0
HC & humanised	34	3	.0
HC & evaporated	35	39	.2
HC & SMA	36	3	.0
HC & IV fluid	37	6	.0
Humanised only	40	376	2.2
Humanised evaporated	45	1	.0
Humanised & SMA	46	1	.0
Evaporated only	50	1193	6.9
Evaporated & SMA	56	2	.0
Evaporated & IV	57	2	.0
SMA only	60	426	2.5
IV fluid only	70	40	.2
Gastric drip only	80	1	.0

TOTAL

17196

100.0

A0302 Feeding of baby - day 3

	Value	Frequency	Percent
Not stated	-3	160	.9
Not known	-2	3	.0
NA: not alive	-1	390	2.3
None	0	10	.1
Cow's & breast milk	1	13	1
Other dried milk	2	37	.2
Cow's milk	3	8	.0
Condensed milk	5	3	.0
Breast milk & farex	6	1	.0
Farex & FC dried	7	1	.0
Frailac & HC dried	9	1	.0
Breast milk only	10	3682	21.4
Water only	11	6	.0
FC & breast milk	12	426	2.5
HC & breast milk	13	1053	6.1
Humanised & breast	14	102	.6
Evaporated & breast	15	281	1.6
Breast milk & SMA	16	66	.4
Breast & IV fluid	17	1	.0
Full cream dried	20	2929	17.0
BM & other dried	21	5	.0
Sugar solution Hartman	22	44	.3
FC & HC dried milk	23	57	.3
FC & humanised	24	1	.0
FC & evaporated	25	34	.2
FC & SMA	26	4	.0
FC & IV fluid	27	4	.0
Half cream only	30	5880	34.2
Breast & FC & HC	32	4	.0
HC & humanised	34	2	.0
HC & evaporated	35	7	.0
HC & SMA	36	4	.0
HC & IV fluid	37	6	.0
Humanised only	40	404	2.3
Humanised evaporated	45	2	.0
Humanised & SMA	46	1	.0
Evaporated only	50	1136	6.6
Evaporated & SMA	56	2	.0
Evaporated & IV	57	4	.0
SMA only	60	397	2.3
IV fluid only	70	23	.1
Gastric drip only	80	2	.0
TOTAL		17196	100.0

A0303 Feeding of baby - day 4

	Value	Frequency	Percent
Not stated	-3	221	1.3
Not known	-2	4	.0
NA: not alive	-1	407	2.4
None	0	4	.0
Cow's & breast milk	1	8	.0
Other dried milk	2	33	.2
Cow's milk	3	8	.0
Extra feeds	4	2	.0
Condensed milk	5	3	.0
Breast milk & farex	6	3	.0
Frailac & FC dried	8	1	.0
Frailac & HC dried	9	1	.0
Breast milk only	10	4125	24.0
Water only	11	3	.0
FC & breast milk	12	353	2.1
HC & breast milk	13	683	4.0
Humanised & breast	14	75	.4
Evaporated & breast	15	186	1.1
Breast milk & SMA	16	48	.3
Full cream dried	20	3658	21.3
BM & other dried	21	1	.0
Sugar solution Hartman	22	22	.1
FC & HC dried milk	23	110	.6
FC & humanised	24	3	.0
FC & evaporated	25	35	.2
FC & IV fluid	27	2	.0
Half cream only	30	5294	30.8
Breast & FC & HC	32	2	.0
HC & humanised	34	3	.0
HC & evaporated	35	3	.0
HC & SMA	36	2	.0
HC & IV fluid	37	5	.0
Humanised only	40	411	2.4
FC & extra feed	42	1	.0
Evaporated only	50	1054	6.1
Evaporated & SMA	56	2	.0
Evaporated & IV	57	4	.0
SMA only	60	401	2.3
IV fluid only	70	13	.1
Gastric drip only	80	2	.0

TOTAL

17196

100.0

A0304 Feeding of Baby - Day 5

	Value	Frequency	Percent
Not stated	-3	283	1.6
Not known	-2	4	.0
NA: not alive	-1	419	2.4
None	0	4	.0
Cow's & breast milk	1	6	.0
Other dried milk	2	27	.2
Cow's milk	3	9	.1
Extra feeds	4	3	.0
Condensed milk	5	3	.0
Breast milk & farex	6	4	.0
Farex & FC dried	7	2	.0
Frailac & HC dried	9	1	.0
Breast milk only	10	4199	24.4
Water only	11	2	.0
FC & breast milk	12	301	1.8
HC & breast milk	13	510	3.0
Humanised & breast	14	53	.3
Evaporated & breast	15	137	.8
Breast milk & SMA	16	35	.2
Breast & IV fluid	17	1	.0
Full cream dried	20	4142	24.1
BM & other dried	21	1	.0
Sugar solution Hartman	22	17	.1
FC & HC dried milk	23	218	1.3
FC & humanised	24	2	.0
FC & evaporated	25	32	.2
Half cream only	30	4871	28.3
Breast & FC & HC	32	3	.0
HC & humanised	34	4	.0
HC & evaporated	35	3	.0
HC & IV fluid	37	4	.0
Humanised only	40	436	2.5
FC & extra feed	42	1	.0
Evaporated only	50	1047	6.1
Evaporated & SMA	56	1	.0
Evaporated & IV	57	3	.0
SMA only	60	400	2.3
IV fluid only	70	7	.0
Gastric drip only	80	1	.0

TOTAL

17196

100.0

A0305 Feeding of baby - day 6

	Value	Frequency	Percent
Not stated	-3	378	2.2
Not known	-2	5	.0
NA' not alive	-1	421	2.4
None	0	4	.0
Cow's & breast milk	1	3	.0
Other dried milk	2	24	.1
Cow's milk	3	10	.1
Extra feeds	4	4	.0
Condensed milk	5	3	.0
Breast milk & farex	6	5	.0
Farex & FC dried	7	2	.0
Breast milk only	10	4153	24.2
Water only	11	2	.0
FC & breast milk	12	274	1.6
HC & breast milk	13	408	2.4
Humanised & breast	14	52	.3
Evaporated & breast	15	122	.7
Breast milk & SMA	16	35	.2
Full cream dried	20	4629	26.9
BM & other dried	21	1	.0
Sugar solution Hartman	22	13	.1
FC & HC dried milk	23	230	1.3
FC & humanised	24	5	.0
FC & evaporated	25	29	.2
FC & SMA	26	1	.0
Half cream only	30	4495	26.1
Breast & FC & HC	32	5	.0
HC & humanised	34	5	.0
HC & evaporated	35	3	.0
HC & IV fluid	37	2	.0
Humanised only	40	441	2.6
FC & extra feed	42	1	.0
Evaporated only	50	1021	5.9
Evaporated & SMA	56	1	.0
Evaporated & IV	57	2	.0
SMA only	60	402	2.3
IV fluid only	70	4	.0
Gastric drip only	80	1	.0

TOTAL

17196

100.0

A0306 Feeding of baby - day 7

	Value	Frequency	Percent
Not stated	-3	618	3.6
Not known	-2	6	.0
NA' not alive	-1	422	2.5
None	0	9	.1
Cow's & breast milk	1	3	.0
Other dried milk	2	22	.1
Cow's milk	3	10	.1
Extra feeds	4	4	.0
Condensed milk	5	3	.0
Breast milk & farex	6	6	.0
Farex & FC dried	7	2	.0
Breast milk only	10	4108	23.9
FC & breast milk	12	243	1.4
HC & breast milk	13	370	2.2
Humanised & breast	14	43	.3
Evaporated & breast	15	108	.6
Breast milk & SMA	16	27	.2
Breast & IV fluid	17	1	.0
Full cream dried	20	4883	28.4
BM & other dried	21	1	.0
Sugar solution Hartman	22	11	.1
FC & HC dried milk	23	184	1.1
FC & humanised	24	5	.0
FC & evaporated	25	31	.2
FC & SMA	26	1	.0
Half cream only	30	4250	24.7
Breast & FC & HC	32	2	.0
HC & humanised	34	3	.0
HC & evaporated	35	1	.0
HC & SMA	36	1	.0
HC & IV fluid	37	1	.0
Humanised only	40	420	2.4
FC & extra feed	42	1	.0
Evaporated only	50	984	5.7
Evap milk & cereal	54	1	.0
Evaporated & SMA	56	1	.0
Evaporated & IV	57	1	.0
SMA only	60	404	2.3
IV fluid only	70	4	.0
Gastric drip only	80	1	.0

TOTAL

17196

100.0

Question 41. Congenital abnormalities of the baby

A0307 Congenital abnormalities (1)

(N.B. These are as coded. They have not been validated)

	Value	Frequency	Percent
Not stated	-3	118	.7
Not known	-2	3	.0
No abnormality	0	16161	94.0
Anencephalus	1	29	.2
Hydrocephalus only	4	14	.1
Microcephalus	5	2	.0
Spina bifida no hydrocephalus	7	12	.1
Spina bifida & hydrocephalus	8	12	.1
Other CNS malformation	9	1	.0
Malformation of eye	12	3	.0
Cataract/corneal opacity	13	1	.0
Malformation of ear-NK	16	5	.0
Accessory auricle	18	7	.0
Malformation of ear	19	6	.0
Malformation of intestinal tract (NS)	20	1	.0
Cleft lip	21	26	.2
Cleft palate	22	3	.0
Hiatus hernia	23	5	.0
Trachea/oesophageal fistula	24	1	.0
Oesophageal atresia	25	5	.0
Malformations of tongue	26	8	.0
Rectal/anal atresia	27	3	.0
Intestinal tract (S)	29	13	.1
Congenital heart disease NS	30	57	.3
" " " S	39	16	.1
Malformation of nose	41	1	.0
Respiratory system	49	1	.0
Indeterminate sex	51	1	.0
Undescended testicle	52	23	.1
Hydrocele	53	27	.2
Male external genitalia	54	6	.0
Female external genitalia	55	7	.0
Epispadias, hypospadias	57	35	.2
Inguinal hernia	58	5	.0
Urogenital NS	59	7	.0
Polydactyly	60	24	.1
Syndactyly	61	12	.1
Reduction deformity upper limb	62	4	.0
Reduction deformity lower limb	63	2	.0
Talipes	65	94	.5
Hip	66	179	1.0
Upper limb	67	2	.0
Lower limb	68	5	.0
Limb NS	69	1	.0
Musculoskeletal	70	5	.0
Skull/face bone	71	12	.1
Spine	72	3	.0
Umbilical hernia	73	8	.0

	Value	Frequency	Percent
Sternum/ribs	74	1	.0
Chondrodystrophy	75	2	.0
Branchial cleft, cyst, fistula	80	1	.0
Face & neck	81	3	.0
Muscles, skin, fascia	82	19	.1
Naevus	83	71	.4
Pilonidal sinus	84	33	.2
Hair, nails, teeth	85	2	.0
Cystic hygroma	87	2	.0
Pigmented naevus	88	14	.1
Exomphalos, omphalocele	89	3	.0
Congenital malformation NS	90	1	.0
2 Vessels in umbilical cord	91	5	.0
Chromosomal abnormality	95	6	.0
Down's syndrome	96	24	.1
Multiple congenital abnormalities (S)	97	31	.2
Other syndromes (S)	98	1	.0
Multiple congenital abnormalities (NS)	99	1	.0
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TOTAL		17196	100.0
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NS = not specified; S = specified

A0308 Congenital abnormalities (2)

	Value	Frequency	Percent
Not stated	-3	119	.7
Not known	-2	3	.0
No abnormality	0	16979	98.7
Anencephalus	1	5	.0
Hydrocephalus only	4	1	.0
Other CNS malformation	6	2	.0
Spina bifida no hydrocephalus	7	6	.0
Spina bifida & hydrocephalus	8	7	.0
Accessory auricle	18	1	.0
Ear	19	2	.0
Cleft lip	21	3	.0
Hiatus hernia	23	1	.0
Tracheo/oesophageal fistula	24	2	.0
Oesophageal atresia	25	1	.0
Tongue	26	2	.0
Rectal/anal atresia	27	2	.0
Congenital heart disease (S)	39	2	.0
Nose	41	1	.0
Respiratory system	49	3	.0
Urogenital (NS)	50	1	.0
Indeterminate sex	51	1	.0
Undescended testicle	52	1	.0
Female/external genitalia	55	1	.0

	Value	Frequency	Percent
Urogenital (S)	59	8	.0
Polydactyly	60	1	.0
Syndactyly	61	2	.0
Reduction deformity - upper limb	62	2	.0
Talipes	65	10	.1
Hip	66	7	.0
Upper limb	67	1	.0
Skull/face bone	71	2	.0
Muscle, skin, fascia	82	2	.0
Naevus	83	2	.0
Pigmented naevus	88	1	.0
Exomphalos omphalocele	89	1	.0
Congenital malformation (NS)	90	1	.0
2 Vessels umbilical cord	91	1	.0
Down's syndrome	96	7	.0
Other syndrome	98	1	.0
Multiple congenital malformations	99	1	.0
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TOTAL		17196	100.0

A0309 Degree of congenital abnormality

	Value	Frequency	Percent
Not stated	-3	119	.7
Not known	-2	3	.0
NA - no abnormality	-1	16161	94.0
Definite	0	700	4.1
Suspected	1	152	.9
Mild/unimportant	2	53	.3
Susp. secondary cause	3	5	.0
Mild secondary cause	4	1	.0
Both suspected	5	1	.0
Multiple congenital malformations	9	1	.0
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TOTAL		17196	100.0

Question 42: What was the lowest rectal temperature?

A0310 Lowest recorded rectal temperature

	Value	Frequency	Percent
Not stated	-3	493	2.9
NA - no temperature taken	-1	8641	50.2
	84	2	.0
	85	6	.0
	86	3	.0
	87	2	.0
	88	1	.0
	89	2	.0
	90	11	.1
	91	19	.1
	92	35	.2
	93	64	.4
	94	131	.8
	95	527	3.1
	96	1309	7.6
	97	3611	21.0
	98	2094	12.2
	99	245	1.4
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TOTAL		17196	100.0
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A0311 Age at rectal temperature reading (days)

	Value	Frequency	Percent
Not stated	-3	535	3.1
NA: no temperature taken	-1	8641	50.3
	0	5196	30.2
	1	1081	6.3
	2	507	2.9
	3	422	2.5
	4	304	1.8
	5	258	1.5
	6	172	1.0
	7	80	.5
<hr/>			
TOTAL		17196	100.0
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A0312 Age at rectal temperature reading

	Value	Frequency	Percent
Not stated	-3	433	2.5
NA: no temperature taken	-1	8641	50.3
<24 Hrs After Birth	1	5953	34.6
24+ Hrs After Birth	2	2169	12.6
<hr/>			
TOTAL		17196	100.0

Question 42: Was a low reading thermometer i.e. recording 85°F (30°C) or lower used?

A0313 Low reading thermometer

	Value	Frequency	Percent
Not stated	-3	408	2.4
Not known	-2	82	.5
NA no temperature taken	-1	8583	49.9
Yes	1	7021	40.8
No	2	1102	6.4
<hr/>			
TOTAL		17196	100.0

Question 42: Was the baby examined for congenital dislocation of the hip?

A0314 Examined for congenital dislocation of hip ... had it been recorded in the notes?

	Value	Frequency	Percent
Not stated	-3	179	1.0
Not known	-2	137	.8
NA.fetal death	-1	242	1.4
Exam-yes/notes-yes	1	10707	62.3
Exam-yes/notes-no	2	3139	18.3
Exam-yes/notes-NK	3	2038	11.9
Exam-no/notes-yes	4	74	.4
Exam-no/notes-no	5	323	1.9
Exam-no/notes-NK	6	357	2.1
<hr/>			
TOTAL		17196	100.0

[N.B. The result of the examination was not recorded]

Question 42: Was the baby tested for phenylketonuria?
(If yes, specify method)

A0315 Phenylketonuria test

	Value	Frequency	Percent
Not stated	-3	328	1.9
Not known	-2	59	.3
NA: not alive	-1	242	1.4
Yes-Guthrie	1	8569	49.8
Yes-Phenistrix	2	159	.9
Yes-Ferric Chloride	3	1	.0
Yes-Schrive	4	246	1.4
Yes-blood test	5	427	2.5
Yes-other method	6	5	.0
No test performed	7	7160	41.6
TOTAL		17196	100.0

A0316 Age at phenylketonuria test (days)

	Value	Frequency	Percent
Not stated	-3	1109	6.4
NA: not tested/fetal death	-1	7461	43.4
Date of test	0	18	.1
	1	36	.2
	2	21	.1
	3	102	.6
	4	355	2.1
	5	2193	12.8
	6	4038	23.5
	7	1863	10.8
TOTAL		17196	100.0

Question 42: Was the baby jaundiced?

A0317 Jaundice

	Value	Frequency	Percent
Not stated	-3	223	1.3
Not known	-2	49	.3
NA: fetal death	-1	242	1.4
Yes <24hrs of life	1	390	2.3
Yes 24+hrs of life	2	2896	16.8
No	3	13396	77.9
TOTAL		17196	100.0

A0318 Maximum serum bilirubin level

	Value	Frequency	Percent
Not stated	-3	2631	15.3
Not known	-2	28	.2
NA. not jaundiced/not alive	-1	13658	79.4
	1	17	.1
	2	12	.1
	3	19	.1
	4	23	.1
	5	14	.1
	6	32	.2
	7	55	.3
	8	73	.4
	9	75	.4
	10	84	.5
	11	67	.4
	12	75	.4
	13	62	.4
	14	49	.3
	15	45	.3
	16	33	.2
	17	33	.2
	18	22	.1
	19	28	.2
	20	20	.1
	21	13	.1
	22	8	.0
	23	8	.0
	24	2	.0
	25	1	.0
	26	4	.0
	29	1	.0
	30	1	.0
	32	1	.0
	40	1	.0
	41	1	.0
TOTAL		17196	100.0

A0319 Age at maximum serum bilirubin level

	Value	Frequency	Percent
Not stated	-3	2618	15.2
Not known	-2	22	.1
NA. not jaundiced/fetal death	-1	13658	79.4
Age (days)	0	27	.2
	1	63	.4
	2	138	.8
	3	207	1.2
	4	239	1.4
	5	149	.9
	6	44	.3
	7	31	.2
<hr/>			
TOTAL		17196	100.0
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Question 42: Cause (if known)

A0320 Cause of jaundice

	Value	Frequency	Percent
Not stated	-3	2613	15.2
Not known	-2	99	.6
NA. not jaundicedd	-1	13658	79.4
Physiological	1	564	3.3
Haemolytic disease	2	90	.5
Prematurity	3	116	.7
ABO incompatibility	4	35	.2
Other	5	18	.1
Due To other antibodies	7	3	.0
<hr/>			
TOTAL		17196	100.0
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Question 42: Was the baby's blood sugar level taken?

A0321 Baby's blood sugar measured

	Value	Frequency	Percent
Not stated	-3	163	.9
Not known	-2	189	1.1
NA: fetal death	-1	242	1.4
Yes	1	712	4.1
No	2	15890	92.4
<hr/>			
TOTAL		17196	100.0
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A0322 Minimum blood sugar level

	Value	Frequency	Percent
Not stated	-3	226	1.3
Not known	-2	4	.0
NA: no reading/not alive	-1	16321	94.9
Blood sugar given		645	3.8

TOTAL		17196	100.0
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range 1 - 89 where 98 = 98+

A0323 Age at minimum blood sugar level: days

	Value	Frequency	Percent
Not stated	-3	217	1.3
Not applicable	-1	16321	94.9
	0	336	2.0
	1	184	1.1
	2	72	.4
	3	31	.2
	4	11	.1
	5	10	.1
	6	10	.1
	7	4	.0

TOTAL		17196	100.0
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A0324 Age when blood sugar taken <24 hours: hours

	Value	Frequency	Percent
Not stated	-3	385	2.2
Not known	-2	3	.0
NA: no reading <24 hr/ fetal death	-1	16132	93.8
	1	395	2.3
	2	52	.3
	3	34	.2
	4	29	.2
	5	23	.1
	6	37	.2
	7	11	.1
	8	13	.1
	9	3	.0
	10	11	.1
	11	2	.0
	12	21	.1
	13	7	.0
	14	6	.0

	Value	Frequency	Percent
	15	2	.0
	16	6	.0
	17	2	.0
	18	6	.0
	19	2	.0
	20	5	.0
	22	2	.0
	23	4	.0
	24	3	.0
<hr/>			
TOTAL		17196	100.0

Question 42: Did the baby develop any breathing difficulties, including respiratory distress syndrome?

A0325 Breathing difficulties

	Value	Frequency	Percent
Not stated	-3	205	1.2
Not known	-2	44	.3
NA: died	-1	289	1.7
No breathing difficulties	1	16178	94.1
Respiratory distress syndrome	2	183	1.1
Intercostal rib recession	3	51	.3
Grunting/groaning	4	68	.4
Respiratory infection	5	18	.1
Apnoeic attacks	6	23	.1
Other	7	137	.8
<hr/>			
TOTAL		17196	100.0

Question 42: Did the baby have cyanotic attacks?

A0326 Cyanotic attacks

	Value	Frequency	Percent
Not stated	-3	387	2.3
Not known	-2	44	.3
NA fetal death	-1	242	1.4
No	1	16088	93.6
Yes	2	435	2.5
<hr/>			
TOTAL		17196	100.0

Question 42: Did the baby have fits or convulsions?

A0327 Fits or convulsions

	Value	Frequency	Percent
Not stated	-3	245	1.4
Not known	-2	43	.3
NA: fetal death	-1	242	1.4
No	1	16590	96.5
Yes	2	76	.4
<hr/>			
TOTAL		17196	100.0
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Question 42: Did the baby have any cerebral signs?

A0328 Cerebral signs

	Value	Frequency	Percent
Not stated	-3	480	2.8
Not known	-2	58	.3
NA: fetal death	-1	242	1.4
No cerebral signs	1	16112	93.7
Irritable	2	137	.8
Hypertonic	3	44	.3
Hypotonic	4	17	.1
Irritable & hypotonic	5	6	.0
Shrill cries	6	33	.2
Unspecified	7	33	.2
Hypocalcaemia	8	34	.2
<hr/>			
TOTAL		17196	100.0
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Question 42: Did the baby have any fractures?

A0329 Fractures

	Value	Frequency	Percent
Not stated	-3	304	1.8
Not known	-2	36	.2
NA: fetal death	-1	242	1.4
No fractures	1	16595	96.5
Fractured Bone(s)	2	7	.0
Birth injury-nerves	3	10	.1
Other	4	2	.0
<hr/>			
TOTAL		17196	100.0
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Question 42. Did the baby have a cephalhaematoma?

A0330 Cephalhaematoma

	Value	Frequency	Percent
Not stated	-3	235	1.4
Not known	-2	30	.2
NA. fetal death	-1	242	1.4
No	1	16498	95.9
Yes	2	191	1.1
TOTAL		17196	100.0

Question 42: Did the baby have "sticky eyes"?

A0331 "Sticky eyes"

	Value	Frequency	Percent
Not stated	-3	461	2.7
Not known	-2	14	.1
NA. fetal death	-1	242	1.4
No	1	15225	88.5
Yes	2	1254	7.3
TOTAL		17196	100.0

Question 42: Did the baby have a discharge from the umbilicus?

A0332 Discharging umbilicus

	Value	Frequency	Percent
Not stated	-3	431	2.5
Not known	-2	17	.1
NA. fetal death	-1	242	1.4
No	1	16338	95.0
Yes	2	168	1.0
TOTAL		17196	100.0

Question 42 Were exchange transfusions given?

A0333 Exchange transfusion

	Value	Frequency	Percent
Not stated	-3	162	.9
Not known	-2	10	.1
NA fetal death	-1	242	1.4
No	1	16690	97.1
Yes	2	84	.5
Other transfusions	3	8	.0
<hr/>			
TOTAL		17196	100.0
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Question 42: Were any operations performed?

A0334 Operations performed

	Value	Frequency	Percent
Not stated	-3	213	1.2
Not known	-2	11	.1
NA fetal death	-1	242	1.4
No operations	1	16631	96.7
Circumcision	2	35	.2
Ritual circumcision	3	3	.0
For congenital abnormality	4	42	.2
Other	5	19	.1
<hr/>			
TOTAL		17196	100.0
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Question 42: Were there any other illnesses or conditions of the baby?

A0335 Other illness

	Value	Frequency	Percent
Not stated	-3	378	2.2
Not known	-2	52	.3
NA: fetal death	-1	242	1.4
None	1	15944	92.7
Feeding difficulties	2	123	.7
Vomiting	3	56	.3
Failure to thrive	4	30	.2
Other superficial infections(a)	5	108	.6
Haemorrhages	6	33	.2
Other	7	187	1.1
Other infections (b)	8	43	.3
<hr/>			
TOTAL		17196	100.0

(a) includes thrush, snuffles, nose and throat infections

(b) includes pyrexia, septicaemia, unspecified infection

Question 43: If the baby was discharged during the first seven days, what was the date of the last medical examination?

A0336 Age at last medical examination of baby

	Value	Frequency	Percent
Not stated	-3	3406	19.8
NA:discharged >1 wk or died	-1	7483	43.5
Day of birth	0	893	5.2
1st day after birth	1	1365	7.9
2nd day after birth	2	1164	6.8
3rd day after birth	3	724	4.2
4th day after birth	4	607	3.5
5th day after birth	5	665	3.9
6th day after birth	6	615	3.6
7th day after birth	7	274	1.6
<hr/>			
TOTAL		17196	100.0

Question 43. Examined by consultant obstetrician/
obstetric registrar/obstetric house
officer/consultant paediatrician/paediatric
registrar/ paediatric house officer/G.P./other
(specify)

(There were multiple responses to this question, the answers
to which can be derived from A0337A - A0337H).

A0337A Consultant obstetrician

	Value	Frequency	Percent
Not stated	-3	3118	18.1
Not known	-2	314	1.8
NA discharged >1wk or died	-1	7509	43.7
No	0	6209	36.1
Yes	1	46	.3
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0337B Obstetric registrar

	Value	Frequency	Percent
Not stated	-3	3118	18.1
Not known	-2	314	1.8
NA:discharged >1wk	-1	7509	43.7
No	0	4429	25.8
Yes	1	1826	10.6
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0337C Obstetric house officer

	Value	Frequency	Percent
Not stated	-3	3118	18.1
Not known	-2	314	1.8
NA:discharged >1wk	-1	7509	43.7
No	0	5939	34.5
Yes	1	316	1.8
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0337D Consultant paediatrician

	Value	Frequency	Percent
Not stated	-3	3118	18.1
Not known	-2	314	1.8
NA discharged >1wk	-1	7509	43.7
No	0	5220	30.4
Yes	1	1035	6.0
TOTAL		17196	100.0

A0337E Paediatric registrar

	Value	Frequency	Percent
Not stated	-3	3118	18.1
Not known	-2	314	1.8
NA discharged >1wk	-1	7509	43.7
No	0	5220	30.4
Yes	1	1035	6.0
TOTAL		17196	100.0

A0337F Paediatric house officer

	Value	Frequency	Percent
Not stated	-3	3118	18.1
Not known	-2	314	1.8
NA discharged >1wk	-1	7509	43.7
No	0	4513	26.2
Yes	1	1742	10.1
TOTAL		17196	100.0

A0337G General practitioner

	Value	Frequency	Percent
Not stated	-3	3118	18.1
Not known	-2	314	1.8
NA discharged >1wk	-1	7509	43.7
No	0	4973	28.9
Yes	1	1282	7.5
TOTAL		17196	100.0

A0337H Other

	Value	Frequency	Percent
Not stated	-3	3118	18.1
Not known	-2	314	1.8
NA:discharged >1wk	-1	7509	43.7
No	0	6209	36.1
Yes	1	46	.3
<hr/>			
TOTAL		17196	100.0

Question 44: Where was the baby cared for each day?

A0341 Day of birth

	Value	Frequency	Percent
Not stated	-3	403	2.3
Not known	-2	40	.2
NA stillbirth/died	-1	242	1.4
By mother's bed day & night	1	2949	17.1
By mother's bed day only	2	3517	20.5
In ward nursery	3	7908	46.0
In special care unit	4	2068	12.0
In neonatal surgical unit	5	23	.1
Elsewhere/home	6	46	.3
<hr/>			
TOTAL		17196	100.0

A0342 1st day after birth

	Value	Frequency	Percent
Not stated	-3	49	.3
Not known	-2	35	.2
NA stillbirth/died	-1	341	2.0
By mother's bed day & night	1	3876	22.5
By mother's bed day only	2	6566	38.2
In ward nursery	3	4532	26.4
In special care unit	4	1641	9.5
In neonatal surgical unit	5	25	.1
Elsewhere/home	6	40	.2
Two answers given	7	91	.5
<hr/>			
TOTAL		17196	100.0

A0343 2nd day after birth

	Value	Frequency	Percent
Not stated	-3	60	.3
Not known	-2	29	.2
NA: stillbirth/died	-1	379	2.2
By mother's bed day & night	1	4882	28.4
By mother's bed day only	2	6856	39.9
In ward nursery	3	3459	20.1
In special care unit	4	1314	7.6
In neonatal surgical unit	5	30	.2
Elsewhere/home	6	96	.6
Two answers given	7	91	.5

TOTAL		17196	100.0
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A0344 3rd day after birth

	Value	Frequency	Percent
Not stated	-3	91	.5
Not known	-2	29	.2
NA: stillbirth/died	-1	399	2.3
By mother's bed day & night	1	6406	37.3
By mother's bed day only	2	5917	34.4
In ward nursery	3	2768	16.1
In special care unit	4	1090	6.3
In neonatal surgical unit	5	29	.2
Elsewhere/home	6	354	2.1
Two answers given	7	113	.7

TOTAL		17196	100.0
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A0345 4th day after birth

	Value	Frequency	Percent
Not stated	-3	101	.6
Not known	-2	44	.3
NA: stillbirth/died	-1	411	2.4
By mother's bed day & night	1	7529	43.8
By mother's bed day only	2	4887	28.4
In ward nursery	3	2542	14.8
In special care unit	4	971	5.6
In neonatal surgical unit	5	30	.2
Elsewhere/home	6	622	3.6
Two answers given	7	59	.3

TOTAL		17196	100.0
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A0346 5th day after birth

	Value	Frequency	Percent
Not stated	-3	119	.7
Not known	-2	46	.3
NA: stillbirth/died	-1	417	2.4
By mother's bed day & night	1	7918	46.0
By mother's bed day only	2	4452	25.9
In ward nursery	3	2381	13.8
In special care unit	4	904	5.3
In neonatal surgical unit	5	31	.2
Elsewhere/home	6	871	5.1
Two answers given	7	57	.3

TOTAL		17196	100.0
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A0347 6th day after birth

	Value	Frequency	Percent
Not stated	-3	153	.9
Not known	-2	50	.3
NA: stillbirth/died	-1	421	2.4
By mother's bed day & night	1	8135	47.3
By mother's bed day only	2	4104	23.9
In ward nursery	3	2194	12.8
In special care unit	4	850	4.9
In neonatal surgical unit	5	32	.2
Elsewhere/home	6	1203	7.0
Two answers given	7	54	.3

TOTAL		17196	100.0
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A0348 7th day after birth

	Value	Frequency	Percent
Not stated	-3	319	1.9
Not known	-2	58	.3
NA: stillbirth/died	-1	422	2.5
By mother's bed day & night	1	8268	48.1
By mother's bed day only	2	3720	21.6
In ward nursery	3	1975	11.5
In special care unit	4	815	4.7
In neonatal surgical unit	5	32	.2
Elsewhere/home	6	1587	9.2

TOTAL		17196	100.0
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Question 44: Where was baby cared for each day?

A0349 Cot/incubator - day of birth

	Value	Frequency	Percent
Not stated	-3	567	3.3
Not known	-2	1	.0
NA: stillbirth/died	-1	242	1.4
Cot	1	15038	87.5
Incubator	2	1309	7.6
Incubator in children's ward	4	2	.0
Cot in isolation ward	5	8	.0
Incubator in isolation ward	6	2	.0
Cot in other ward	7	24	.1
Incubator in other ward	8	3	.0

TOTAL		17196	100.0
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A0350 Cot/incubator - 1st day after birth

	Value	Frequency	Percent
Not stated	-3	316	1.8
Not known	-2	4	.0
NA: stillbirth/died	-1	341	2.0
Cot	1	15598	90.7
Incubator	2	869	5.1
Cot in children's ward	3	5	.0
Incubator in children's ward	4	6	.0
Cot in isolation ward	5	9	.1
Incubator in isolation ward	6	1	.0
Cot in other ward	7	46	.3
Incubator in other ward	8	1	.0

TOTAL		17196	100.0
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A0351 Cot/incubator - 2nd day after birth

	Value	Frequency	Percent
Not stated	-3	328	1.9
Not known	-2	4	.0
NA: stillbirth/died	-1	379	2.2
Cot	1	15844	92.1
Incubator	2	606	3.5
Cot in children's ward	3	4	.0
Incubator in children's ward	4	6	.0
Cot in isolation ward	5	10	.1
Incubator in isolation ward	6	1	.0
Cot in other ward	7	13	.1
Incubator in other ward	8	1	.0
TOTAL			17196 100.0

A0352 Cot/incubator - 3rd day after birth

	Value	Frequency	Percent
Not stated	-3	349	2.0
Not known	-2	3	.0
NA: stillbirth/died	-1	399	2.3
In cot	1	15952	92.8
In incubator	2	466	2.7
Cot in children's ward	3	7	.0
Incubator in children's ward	4	4	.0
Cot in isolation ward	5	11	.1
Incubator in isolation ward	6	1	.0
Cot in other ward	7	3	.0
Incubator in other ward	8	1	.0
TOTAL			17196 100.0

A0353 Cot/incubator - 4th day after birth

	Value	Frequency	Percent
Not stated	-3	363	2.1
Not known	-2	4	.0
NA: stillbirth/died	-1	411	2.4
In cot	1	15985	93.0
In incubator	2	389	2.3
Cot in children's ward	3	11	.1
Incubator in children's ward	4	8	.0
Cot in isolation ward	5	18	.1
Incubator in isolation ward	6	1	.0
Cot in other ward	7	6	.0
TOTAL			17196 100.0

A0354 Cot/incubator - 5th day after birth

	Value	Frequency	Percent
Not stated	-3	376	2.2
Not known	-2	5	.0
NA: stillbirth/died	-1	417	2.4
In cot	1	16015	93.1
In incubator	2	340	2.0
Cot in children's ward	3	15	.1
Incubator in children's ward	4	8	.0
Cot in isolation ward	5	14	.1
Incubator in isolation ward	6	1	.0
Cot in other ward	7	5	.0
TOTAL			17196 100.0

A0355 Cot/incubator - 6th day after birth

	Value	Frequency	Percent
Not stated	-3	401	2.3
Not known	-2	6	.0
NA: stillbirth/died	-1	421	2.4
In cot	1	16006	93.1
In incubator	2	315	1.8
Cot in children's ward	3	14	.1
Incubator in children's ward	4	8	.0
Cot in isolation ward	5	18	.1
Incubator in isolation ward	6	1	.0
Cot in other ward	7	6	.0
TOTAL			17196 100.0

A0356 Cot/incubator - 7th day after birth

	Value	Frequency	Percent
Not stated	-3	584	3.4
Not known	-2	5	.0
NA: stillbirth/died	-1	422	2.5
In cot	1	15832	92.1
In incubator	2	298	1.7
Cot in children's ward	3	19	.1
Incubator in children's ward	4	7	.0
Cot in isolation ward	5	20	.1
Incubator in isolation ward	6	1	.0
Cot in other ward	7	7	.0
Incubator in other ward	8	1	.0

TOTAL		17196	100.0
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Question 45: Where was the mother during the first seven days?

A0357 On day of birth

	Value	Frequency	Percent
Not stated	-3	230	1.3
NHS consultant hospital			
- consultant bed	1	11401	66.3
- GP bed	2	515	3.0
NHS GP maternity unit -	3	2585	15.0
no medical officer resident			
Private maternity home	4	115	.7
Own home/other private	5	2117	12.3
household			
Other	6	137	.8
Private NHS	7	84	.5
Mother & baby home	8	9	.1
Isolation hospital	9	3	.0

TOTAL		17196	100.0
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A0358 Mother - 1st day after birth

	Value	Frequency	Percent
Not stated	-3	42	.2
NHS consultant hospital			
- consultant bed	1	11392	66.2
- GP bed	2	528	3.1
NHS GP maternity unit - no medical officer resident	3	2610	15.2
Private maternity home	4	120	.7
Own home/other private household	5	2191	12.7
Other	6	143	.8
Private NHS	7	158	.9
Mother & baby home	8	9	.1
Isolation hospital	9	3	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0359 Mother - 2nd day after birth

	Value	Frequency	Percent
Not stated	-3	49	.3
NHS consultant hospital			
- consultant bed	1	10657	62.0
- GP bed	2	513	3.0
NHS GP maternity unit - no medical officer resident	3	2686	15.6
Private maternity home	4	125	.7
Own home/other private household	5	2607	15.2
Other	6	148	.9
Private NHS	7	395	2.3
Mother & baby home	8	13	.1
Isolation hospital	9	3	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0360 Mother - 3rd day after birth

	Value	Frequency	Percent
Not stated	-3	64	.4
NHS consultant hospital			
- consultant bed	1	9291	54.0
- GP bed	2	453	2.6
NHS GP maternity unit -	3	2658	15.5
no medical officer resident			
Private maternity home	4	133	.8
Own home/other private	5	4018	23.4
household			
Other	6	146	.8
Private NHS	7	411	2.4
Mother & baby home	8	19	.1
Isolation hospital	9	3	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0361 Mother - 4th day after birth

	Value	Frequency	Percent
Not stated	-3	81	.5
NHS consultant hospital			
- consultant bed	1	8309	48.3
- GP bed	2	428	2.5
NHS GP maternity home	3	2613	15.2
Private maternity home	4	134	.8
Own home/other private	5	5239	30.5
household			
Other	6	151	.9
Private NHS	7	218	1.3
Mother & baby home	8	20	.1
Isolation hospital	9	3	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0362 Mother - 5th day after birth

	Value	Frequency	Percent
Not stated	-3	101	.6
NHS consultant hospital			
- consultant bed	1	7785	45.3
- GP bed	2	395	2.3
NHS GP maternity unit - no medical officer resident	3	2509	14.6
Private maternity home	4	134	.8
Own home/other private household	5	5897	34.3
Other	6	148	.9
Private NHS	7	202	1.2
Mother & baby home	8	20	.1
Isolation hospital	9	5	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0363 Mother - 6th day after birth

	Value	Frequency	Percent
Not stated	-3	123	.7
NHS consultant hospital			
- consultant bed	1	7158	41.6
- GP bed	2	372	2.2
NHS GP maternity unit - no medical officer resident	3	2309	13.4
Private maternity hospital	4	128	.7
Own home/other private household	5	6715	39.0
Other	6	147	.9
Private NHS	7	214	1.2
Mother & baby home	8	26	.2
Isolation hospital	9	4	.0
<hr/>			
TOTAL		17196	100 0
<hr/>			

A0364 Mother - 7th day after birth

	Value	Frequency	Percent
Not stated	-3	261	1.5
NHS consultant hospital			
- consultant bed	1	6349	36.9
- GP bed	2	323	1.9
NHS GP maternity unit -	3	2050	11.9
no medical officer resident			
Private maternity home	4	126	.7
Own home/other private	5	7857	45.7
household			
Other	6	140	.8
Private NHS	7	54	.3
Mother & baby home	8	30	.2
Isolation hospital	9	6	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

As there was confusion as to whether A0327 and A0358 referred to the same day or not, the dates given on the questionnaire were compared.

A0365 Date given for day of birth & first day in Q.45

	Value	Frequency	Percent
The same	1	2419	14.1
One different	2	7390	43.0
Neither given	3	5244	30.5
DOB only given	4	2143	12.5
<hr/>			
TOTAL		17196	100.0
<hr/>			

Question 46: If the mother moved who was informed?

A0366 Person informed. 1st move

	Value	Frequency	Percent
Not stated	-3	156	9
NA: no move	-1	10542	61.3
GP	1	83	.5
Local health department	2	820	4.8
1 + 2	3	752	4.4
Domiciliary midwife	4	911	5.3
1 + 4	5	1100	6.4
2 + 4	6	707	4.1
1 + 2 + 4	7	1291	7.5
GP unit midwife	8	205	1.2
1 + 8	9	60	.3
2 + 8	10	8	.0
1 + 2 + 8	11	9	.1
4 + 8	12	7	.0
1 + 4 + 8	13	6	.0
2 + 4 + 8	14	5	.0
1 + 2 + 4 + 8	15	2	.0
Hospital or GP unit	16	356	2.1
1 + 16	17	68	.4
2 + 16	18	10	.1
1 + 2 + 16	19	13	.1
4 + 16	20	7	.0
1 + 4 + 16	21	7	.0
2 + 4 + 16	22	3	.0
1 + 2 + 4 + 16	23	1	.0
8 + 16	24	7	.0
1 + 8 + 16	25	7	.0
Other	32	23	.1
1 + 32	33	10	.1
2 + 32	34	4	.0
1 + 2 + 32	35	2	.0
4 + 32	36	1	.0
1 + 4 + 32	37	5	.0
1 + 2 + 4 + 32	39	6	.0
1 + 8 + 32	41	1	.0
16 + 32	48	1	.0

TOTAL

17196 100.0

A0366A 1st move informed to GP

	Value	Frequency	Percent
Not stated	-3	156	.9
NA	-1	10542	61.3
No	0	3075	17.9
Yes	1	3423	19.9

TOTAL		17196	100.0
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A0366B 1st move informed to local health department

	Value	Frequency	Percent
Not stated	-3	156	.9
NA	-1	10542	61.3
No	0	2865	16.7
Yes	1	3633	21.1

TOTAL		17196	100.0
-------	--	-------	-------

A0366C 1st move informed to domiciliary midwife

	Value	Frequency	Percent
Not stated	-3	156	.9
NA	-1	10542	61.3
No	0	2439	14.2
Yes	1	4059	23.6

TOTAL		17196	100.0
-------	--	-------	-------

A0366D 1st move informed to GP unit midwife

	Value	Frequency	Percent
Not stated	-3	156	.9
NA	-1	10542	61.3
No	0	6181	35.9
Yes	1	317	1.8

TOTAL		17196	100.0
-------	--	-------	-------

A0366E 1st move informed to Hospital or GP unit

	Value	Frequency	Percent
Not stated	-3	156	.9
NA	-1	10542	61.3
No	0	6018	35.0
Yes	1	480	2.8
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0366F 1st move informed to other

	Value	Frequency	Percent
Not stated	-3	156	.9
NA	-1	10542	61.3
No	0	6445	37.5
Yes	1	53	.3
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0367 Method of informing: 1st move

	Value	Frequency	Percent
Not stated	-3	466	2.7
NA: No move	-1	10542	61.3
Letter	1	228	1.3
Telephone	2	2479	14.4
1 + 2	3	3034	17.6
Personal communication	4	146	.8
1 + 4	5	71	.4
2 + 4	6	123	.7
1 + 2 + 4	7	64	.4
Other	8	7	.0
1 + 8	9	4	.0
2 + 8	10	26	.2
1 + 2 + 8	11	4	.0
1 + 4 + 8	13	2	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0368 Date of informing: 1st move (days after delivery)

	Value	Frequency	Percent
Not stated	-3	1526	8.9
NA No move	-1	10732	62.4
	1	762	4.4
	2	1272	7.4
	3	886	5.2
	4	633	3.7
	5	710	4.1
	6	517	3.0
	7	149	.9
	8	9	.1
<hr/>			
TOTAL		17196	100.0

A0369 Person informed: 2nd move

	Value	Frequency	Percent
Not stated	-3	29	.2
NA No move	-1	17008	98.9
GP	1	3	.0
Local health department	2	25	.1
1+2	3	11	.1
Domiciliary midwife	4	53	.3
1+4	5	9	.1
2+4	6	27	.2
1+2+4	7	6	.0
GP unit midwife	8	5	.0
1+8	9	4	.0
Hosp or GP unit	16	9	.1
1+16	17	4	.0
1+2+16	19	1	.0
1+2+4+16	23	1	.0
Other	32	1	.0
<hr/>			
TOTAL		17196	100.0

A0369A 2nd move informed to GP

	Value	Frequency	Percent
Not stated	-3	29	.2
NA. No move	-1	17008	98.9
No	0	120	.7
Yes	1	39	.2
<hr/>			
TOTAL		17196	100.0

A0369B 2nd move informed to local health department

	Value	Frequency	Percent
Not stated	-3	29	.2
NA: No move	-1	17008	98.9
No	0	88	.5
Yes	1	71	.4

TOTAL		17196	100.0
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A0369C 2nd move informed to domiciliary midwife

	Value	Frequency	Percent
Not stated	-3	29	.2
NA: No move	-1	17008	98.9
No	0	63	.4
Yes	1	96	.6

TOTAL		17196	100.0
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A0369D 2nd move informed to GP unit midwife

	Value	Frequency	Percent
Not stated	-3	29	.2
NA: No move	-1	17008	98.9
No	0	150	.9
Yes	1	9	.1

TOTAL		17196	100.0
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A0369E 2nd move informed to hospital or GP unit

	Value	Frequency	Percent
Not stated	-3	29	.2
NA: No move	-1	17008	98.9
No	0	144	.8
Yes	1	15	.1

TOTAL		17196	100.0
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A0369F 2nd move informed to other

	Value	Frequency	Percent
Not stated	-3	29	.2
NA. No move	-1	17008	98.9
No	0	158	.9
Yes	1	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0370 Method of informing: 2nd move

	Value	Frequency	Percent
Not stated	-3	41	.2
NA. No move	-1	17008	98.9
Letter	1	10	.1
Telephone	2	85	.5
1 + 2	3	43	.3
Personal communication	4	5	.0
1 + 4	5	1	.0
1 + 2 + 4	7	2	.0
1 + other	9	1	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0371 Date of informing. 2nd move (days after delivery)

	Value	Frequency	Percent
Not stated	-3	83	.5
NA. No move	-1	17009	98.9
	1	1	.0
	2	17	.1
	3	13	.1
	4	18	.1
	5	30	.2
	6	19	.1
	7	6	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

A0372 Person informed: 3rd move

	Value	Frequency	Percent
Not stated	-3	1	.0
NA No move	-1	17192	100.0
GP	1	1	.0
Domiciliary midwife	4	1	.0
Hospital or GP unit	16	1	.0

TOTAL		17196	100.0
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Question 47: Part III completed by:

A0375A Part 3 completed from hospital records

	Value	Frequency	Percent
Not stated	-3	13	.1
Not known	-2	295	1.7
No	0	4753	27.6
Yes	1	12135	70.6

TOTAL		17196	100.0
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A0375B Part 3 completed from GP records

	Value	Frequency	Percent
Not stated	-3	13	.1
Not known	-2	295	1.7
No	0	16486	95.9
Yes	1	402	2.3

TOTAL		17196	100.0
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A0375C Part 3 completed from midwife records

	Value	Frequency	Percent
Not stated	-3	13	.1
Not known	-2	295	1.7
No	0	10705	62.3
Yes	1	6183	36.0

TOTAL		17196	100.0
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A0375D Part 3 completed from cooperation cards

	Value	Frequency	Percent
Not stated	-3	13	.1
Not known	-2	295	1.7
No	0	16076	93.5
Yes	1	812	4.7
TOTAL		17196	100.0

A0375E Part 3 completed from hospital domiciliary personal communication

	Value	Frequency	Percent
Not stated	-3	13	.1
Not known	-2	295	1.7
No	0	16538	96.2
Yes	1	350	2.0
TOTAL		17196	100 0

A0375F Part 3 completed from GP personal communication

	Value	Frequency	Percent
Not stated	-3	13	.1
Not known	-2	295	1.7
No	0	16261	94.6
Yes	1	627	3.6
TOTAL		17196	100.0

A0375G Part 3 completed from midwife personal Communication

	Value	Frequency	Percent
Not stated	-3	13	.1
Not known	-2	295	1.7
No	0	9375	54.5
Yes	1	7513	43.7
TOTAL		17196	100.0

A0375H Part 3 completed from other sources

	Value	Frequency	Percent
Not stated	-3	13	.1
Not known	-2	295	1.7
No	0	16886	98.2
Yes	1	2	.0
<hr/>			
TOTAL		17196	100.0
<hr/>			

Outcome of pregnancy

A0376 Outcome of pregnancy

	Value	Frequency	Percent
Fetal death	1	242	1.4
Early neonatal death	2	183	1.1
Survivor	3	16771	97.5
<hr/>			
TOTAL		17196	100.0
<hr/>			

A Survey under the joint auspices of the National Birthday Trust Fund and the
Royal College of Obstetricians and Gynaecologists

Please complete the enquiry for all babies born (alive or dead) after the 24th week of gestation from 00 01 hours on Sunday 5th April, 1970 to 24 00 hours on Saturday 11th April, 1970 whether born in hospital, at home or elsewhere

Part I relates to information not usually included in the clinical records. It will be necessary to interview the mother as soon as possible after the birth.

Part II is concerned with antenatal care and with the delivery. Complete soon after birth using all the available records, discussing with the doctor or anyone else concerned with the care of the mother and baby.

Part III relates to the first seven days after the birth. Keep it up-to-date daily, if possible, so that it is immediately available if the mother moves. If the mother and baby are separated, complete the form for the mother first and then forward it for the baby section to be completed.

Most questions are pre-coded and except where otherwise stated should be answered by ringing one or more numbers as appropriate. Please complete one section at least in each question. Do not leave a question blank.

For Multiple Births, please complete the whole form for the first baby. For each of the other babies, question 1 of Part I should be filled in and then question 25 of Part II onwards, on a separate form.

When the form is complete it should normally be returned to the supervisor of midwives, the superintendent midwife, or the matron of the hospital unless other arrangements have been made locally.

PART I

With this form there is a letter for the mother. Please hand it to her before starting the questionnaire.

Questions 1-11 should be filled in by interviewing the mother. If you are unable to do this, please use the records.

1 Name and Address		Hospital number _____		For Office Use Only
Full name of the mother _____				
Mother's maiden name _____				
Address of mother's normal place of residence _____				
County or County Borough _____				
Address where this delivery occurred _____				
2 Date of birth of mother		For Office Use Only (12-17)	4 Age at which full-time education was completed (including college or university)	
_____ / _____ / 19 _____ day month			Mother of baby _____ years	
			Father of baby _____ years	
3 Town and Country of birth		<div>18-19</div> <div>20-21</div> <div>22-23</div>	5 Date of present marriage	
Mother of baby _____			_____ / _____ / 19 _____	
Father of baby _____				
Mother's mother _____			6 Present marital status	
			Single _____ 1 Married _____ 2 Widowed _____ 3 Divorced _____ 4 Separated _____ 5 Not known _____ 0	
7				<div>35-38</div> <div>39</div> <div>40-43</div>
Occupation	Actual job	Husband	Mother of baby (Before this pregnancy)	
	Description of job _____			
Self-employed	Employing 25 or more persons		1	
	Employing fewer than 25 persons	2	2	
Not self-employed	Supervising others e.g. foreman, manager etc. _____	3	3	
	Not supervising others _____	4	4	
Employed at present		1	1	
Unemployed at present		2	2	

8 Does the mother care for children at home (including adopted and foster children)?

Yes 1
No 2
Not known 0

If YES give details of who is looking after them now

	Number of children
Living at home	
Looked after by Home Help	
With child minder	
At a day nursery	
Other	
Not known	
Living away from home	
With friends and relatives	
With foster parents	
In residential nursery	
In residential school	
Other	

9 Since January, 1968 was any form of contraception used?

Yes 1
No 2
Not known 0

If YES what method was used

Pill
Alone 1
With other method 2
Other methods 3
Not known 0

If the Pill was used

How many different brands have been used?

Name(s) of Pills used and period taken

..... to
..... to
..... to
..... to
..... to
..... to
..... to

0 - and not known 1

For Office Use Only

(44)

45-48

49-52

(53)

(54)

(55)

56-59

60-63

10 What type of antenatal preparation did the mother receive during this pregnancy?

a) In mothercraft (e.g. care of the baby)

None 1
Individual instruction 2
Class instruction
L H A Clinic 3
Hospital 4
Other (specify) 5
.....
Not known 0

b) In preparation for labour (e.g. exercises, relaxation, etc.)

None 1
Individual instruction 2
Class instruction
L H A Clinic 3
Hospital 4
Other (specify) 5
.....
Not known 0

11 Smoking

a) Does the mother smoke now?

Yes 1
No 2
Not known 0

b) If NO to 11a did she ever smoke?

Yes 1
No 2
Not known 0

c) If YES to 11b how long ago did she stop?

..... years months

d) How much does/did she smoke?

Cigarettes per day

1-4 1
5-14 2
15-24 3
25 or more 4
Not known 0

e) Has she smoked during this pregnancy?

Yes 1
No 2
Not known 0

12 Part I was completed by

Interviewing the mother 1
Using records
Hospital 2
G P 3
Midwife 4
Co-operation Card 5
Other (specify) 6

For Office Use Only

(54)

(55)

(56)

(57)

(58-70)

(71)

(72)

(73)

PART 11

To be completed from the records or personal communication where necessary

13 Previous pregnancies

Give details of all previous pregnancies (include miscarriages and ectopics) in the order of occurrence (the earliest first)

Date		Sex	Birth Weight	Livebirths			S B	Mis	Ect	Method of Delivery	Record any of the following which occurred Pre-eclamptic toxæmia A P H P P H Surgical Induction or a congenital abnormality of the baby
				Alive Now	Age at Death						
					Under 7 days	7 days & over					
Month	Year										

14 Total number of recorded antenatal visits

Date of first visit ____/____/19____

Date of last visit ____/____/19____

Who undertook the antenatal care?

Hospital medical staff ____ 1

L H A M O ____ 2

G P ____ 3

Midwife

Hospital ____ 4

G P Unit ____ 5

Domiciliary ____ 6

Other (specify) ____ 7

If mother delivered in hospital and the antenatal care shared was this

By previous arrangement ____ 1

Because of some abnormality which arose during pregnancy ____ 2

Some other reason ____ 3

Not known ____ 0

15 What was the first day of the last normal menstrual period?

____/____/1969

Was this date recorded as being

Certain ____ 1

Uncertain ____ 2

Not known ____ 0

For Office Use Only

3

7

(8-9)

(10-13)

(14-17)

(18)

(19)

(20-23)

(24)

16 Standing height of the mother

____ft ____ins or ____cms

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(25-27)

17 Mother's blood group

O ____ 1

A ____ 2

B ____ 3

AB ____ 4

Not known ____ 0

Rh factor

Positive ____ 1

Negative ____ 2

Not known ____ 0

Rh antibodies

Present ____ 1

Absent ____ 2

Not known ____ 0

Were haemoglobin estimations done?

Yes ____ 1

No ____ 2

Not known ____ 0

If YES — Number of times estimated

Highest value ____ Date ____/____/19____

Lowest value ____ Date ____/____/19____

W R or similar test

Not done ____ 3

Not known ____ 0

(28)

(29)

(30)

(31)

(32-33)

(34-37)

(38-41)

(44)

18

Blood pressures during antenatal period	Reading	Date
First (or only)	/	
Highest systolic	/	
Highest diastolic	/	
Last before labour	/	
Not recorded	1	
Not known	2	

Was there any non-infective proteinuria?

Yes 1
No 2
Not known 0

Was pitting oedema present?

Yes 1
No 2
Not known 0

Were there any eclamptic fits prior to labour?

Yes 1
No 2
Not known 0

19 Has the mother clinical diabetes?

Yes 1
No 2
Not known 0

20 Was there any bleeding from the genital tract after the last period and before the onset of labour?

Yes 1
No 2
Not known 0

If YES — Number of bleeds

Date of first (or only) bleed / /19.....

Date of last bleed / /19.....

Cause

Placenta Praevia 1

Accidental Haemorrhage

(Abruptio Placentae) 2

Threatened Abortion 3

Other (Specify) 4

21 X-rays taken of the mother during pregnancy

None 1

Chest 2

Abdomen 3

Pelvis 4

Other (specify) 5

Not known 0

22 Did the mother have any inpatient care during the antenatal period (excluding admissions in labour or false labour?)

Yes 1

No 2

Not known 0

If YES — Give date(s) of admission(s)

Place of admission

N H S Consultant Hospital

Consultant bed 1

G P bed 2

N H S G P Maternity Unit without resident medical officer 3

Private 4

Other (specify) 5

Not known 0

If discharged prior to labour date(s) of

For Office Use Only

(45-53)

(54-62)

(63-71)

(72-80)

4
7

(8)

(9)

(10)

(11)

(12)

(13-14)

(15-18)

(19-22)

(23)

(24)

(25)

26-29

30-33

34-37

(38)

39-42

43-46

47-50

23 Where was the mother delivered?

At home 1

In an N H S Consultant Hospital

Consultant bed 2

G P bed 3

N H S G P Maternity Unit without resident medical office 4

Private 5

Other (specify) 6

Was the mother booked for delivery at the place where her confinement occurred?

Yes 1

No 2

Not known 0

If YES, give the date of booking

..... / /19.....

24 Did labour start

Spontaneously 1

Induced 2

Not known 0

If INDUCED, what methods were used?

Oxytocic Drugs

Intravenous Drip 1

Buccal 2

Other 3

Artificial rupture of membranes 4

Other (specify) 5

..... 0

Not known 0

What was the time interval between the rupture of the membranes and the delivery?

Less than 24 hours 1

24-47 hours 2

48 hours or more 3

Not known 0

25 Was the birth

Single 1

Twin 2

Triplet 3

Other (specify) 4

(NOTE: A separate form is required for each baby. For babies other than the first complete question 1 (Part I) and then the remainder of the form from this question onward)

Date of birth / April / 1970

Hour of birth a m p m

What was the outcome of the delivery?

Prior to 28 weeks of gestation

Abortion 1

Livebirth 2

28 weeks or more gestation

Stillbirth 3

Livebirth 4

Sex

Male 1

Female 2

Not known 0

26 Give the length of each stage of labour

Stage	Hours	Minutes
First		
Second		
Third		

During labour did the fetal heart rate

Remain between 120 and 160.....1

Rise above 160.....2

Fall below 120.....3

Not known.....0

Other recordings made on the fetus

None.....1

Fetal E.C.G.....2

Scalp blood sampling.....3

Sonar records.....4

Other (specify).....5

Was there passage of meconium?

Yes.....1

No.....2

Not known.....0

8 Delivery

Spontaneous cephalic

anterior.....1

posterior.....2

Spontaneous breech.....3

Operative delivery

Forceps

Cephalic.....4

With Breech.....5

Other (specify).....6

Caesarean Section.....7

Vacuum Extraction.....8

Other (specify).....

Other (specify).....0

29 Relief of pain during labour

Analgesics

Inhalation

Gas/Oxygen.....1

Gas/Air.....2

Trilene.....3

Drugs

Pethidine.....1

Pethilorfan.....2

Morphia.....3

Fortral.....4

Psychoprophylaxis.....1

Hypnosis.....2

Decompression.....3

Other (specify).....4

Anaesthetics during and after labour

	Before baby born	After baby born
General	1	1
Caudal	2	2
Epidural	3	3
Local	4	4
Other	5	5

30 Did a postpartum haemorrhage of 500 ml or more occur?

Yes.....1

No.....2

Not known.....0

Was a blood transfusion given?

Yes.....1

No.....2

Not known.....0

Did the mother have a manual removal of the placenta?

Yes.....1

No.....2

Not known.....0

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(31)

(32-33)

(34)

(35)

(36)

31 When was regular respiration established?

Less than 1 minute.....1

1-3 minutes.....2

More than 3 minutes.....3

Not known.....0

Administration of oxygen

None.....1

Face funnel.....2

Face mask.....3

Nasal tube.....4

Endotracheal tube.....5

Incubator.....6

Other (specify).....7

Not known.....0

Other methods of resuscitation

None.....1

Mouth to mouth resuscitation.....2

Mucus extraction.....3

Stomach aspiration.....4

Other (specify).....5

Not known.....0

Was Vitamin K (e.g. Synkavit, Konakion) given?

Yes.....1

No.....2

Not known.....0

Were eye drops used prophylactically?

None.....1

Albucid.....2

Silver Nitrate.....3

Other (specify).....4

Not known.....0

Did the baby have

Lethidrone (Nalorphine)

Yes.....1

No.....2

Not known.....0

Vanillic Acid (Vandid)

Yes.....1

No.....2

Not known.....0

Other treatments given to baby

None.....1

Yes (specify).....2

Not known.....0

32 Birthweight of baby

lbs.....ozs or.....gm

Age of baby when weighed

Under 12 hours.....1

12-23 hours.....2

24-35 hours.....3

36 hours or more.....4

Not known.....0

Lowest recorded weight of baby

lbs.....ozs or.....gm

Date of this weighing.....April 1970

33 Was there an episiotomy or tear?

Episiotomy.....1

Third degree tear.....2

Other tear.....3

None.....4

Not known.....0

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(45-48)

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(50-53)

(54-55)

(56)

Domiciliary 1
 Hospital 2
 Pupil Midwife 3
 Consultant Obstetrician 4
 Registrar 5
 House Officer 6
 G.P. 7
 Medical Student 8
 Other (specify) 9

(57)

Hospital 1
 G.P. 2
 Midwife 3
 Co-operation Card 4
 Personal Communication
 Hospital Doctor 5
 G.P. 6
 Midwife 7
 Other (specify) 8

(58)

PART III

36 Did the mother have any evidence of eclampsia occurring for the first time in labour or the puerperium?

Yes 1
 No 2
 Not known 0

37 During the first seven days after the delivery did the mother:

Have any urinary infection?

Yes 1
 No 2
 Not known 0

Have any genital tract infection?

Yes 1
 No 2
 Not known 0

Have any venous complication of the legs?

None 1
 In superficial veins 2
 In deep veins 3
 Not known 0

Have any operations in puerperium?

None 1
 Sterilisation 2
 Other (specify) 3
 Not known 0

Have any other morbidity or illness?

No 1
 Yes (specify) 2
 Not known 0

Have a haemoglobin estimation done?

Yes 1
 No 2
 Not known 0

38 Was the baby medically examined within the first 24 hours?

Yes 1
 No 2
 Not known 0

If YES, by whom?

Consultant Obstetrician 1
 Obstetric Registrar 2
 Obstetric House Officer 3
 Consultant Paediatrician 4
 Paediatric Registrar 5
 Paediatric House Officer 6
 G.P. 7
 Other (specify) 8

Not known 0

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6
 7
 (8)

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(13)

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(15)

(16)

39 Was lactation

Attempted 1
 Not attempted 2
 Not known 0

Was it

Suppressed 1
 Not suppressed 2
 Not known 0

If SUPPRESSED, was oestrogen used?

No 1
 Yes (specify type) 2
 Not known 0

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(17)

(18)

(19)

40 What type of feed did the baby have during each of the 24 hour periods after birth?

	1st	2nd	3rd	4th	5th	6th	7th
None	1	1	1	1	1	1	1
Water	2	2	2	2	2	2	2
Sugar solution	3	3	3	3	3	3	3
Breast Milk	4	4	4	4	4	4	4
Dried milk							
Full Cream	5	5	5	5	5	5	5
Half Cream	6	6	6	6	6	6	6
Humanised	7	7	7	7	7	7	7
Evaporated milk	8	8	8	8	8	8	8
Other Specify	9	9	9	9	9	9	9
Not known	0	0	0	0	0	0	0

20-23

24-27

28-31

32-33

41 Congenital Abnormalities of the baby:

No abnormality 1
 Anencephaly 2
 Spina bifida with hydrocephalus 3
 Spina bifida without hydrocephalus 4
 Hydrocephalus only 5
 Cleft lip and/or palate 6
 Down's syndrome (Mongolism) 7
 Talipes 8
 Abnormalities of the hip 9
 Extra digits 1
 Naevi 2
 Other (specify) 3

34-35

42 What was the lowest recorded rectal temperature?

Date _____/April/1970

Less than 24 hours of life _____ 1

24 hours or later _____ 2

Not recorded _____ 3

Was a low reading thermometer i.e. recording 85°F (30°C) or lower used?

Yes _____ 1

No _____ 2

Not known _____ 0

Was the baby examined for congenital dislocation of the hip?

Yes _____ 1

No _____ 2

Not known _____ 0

Had it been recorded on the case notes?

Yes _____ 1

No _____ 2

Not known _____ 0

Was the baby tested for phenylketonuria?

Yes (specify method used) _____ 1

No _____ 2

Not known _____ 0

Date _____/April/1970

Was the baby jaundiced?

Yes

Less than 24 hours of life _____ 1

24 hours or later _____ 2

No _____ 3

Not known _____ 0

Maximum serum bilirubin level _____

Date _____/April/1970

Cause (if known) _____

Was the baby's blood sugar level taken?

Yes _____ 1

No _____ 2

Not known _____ 0

Minimum level _____

Date _____/April/1970

Age of baby if less than 24 hours.

Did the baby develop any breathing difficulties, including respiratory distress syndrome?

Yes (specify) _____ 1

No _____ 2

Not known _____ 0

Did the baby have cyanotic attacks?

Yes _____ 1

No _____ 2

Not known _____ 0

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(36-37)

(38-39)

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(45-46)

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(48-49)

(50-51)

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(53)

(54-55)

(56-57)

(58-59)

(60)

(61)

Did the baby have any fits or convulsions?

Yes _____ 1

No _____ 2

Not known _____ 0

Did the baby have any "cerebral" signs?

Yes (specify) _____ 1

No _____ 2

Not known _____ 0

Did the baby have any fractures?

Yes (specify) _____ 1

No _____ 2

Not known _____ 0

Did the baby have a cephalhaematoma?

Yes _____ 1

No _____ 2

Not known _____ 0

Did the baby have "sticky" eyes?

Yes _____ 1

No _____ 2

Not known _____ 0

Did the baby have a discharge from the umbilicus?

Yes _____ 1

No _____ 2

Not known _____ 0

Were exchange transfusions given?

Yes _____ 1

No _____ 2

Not known _____ 0

Were any operations performed?

Yes (specify) _____ 1

No _____ 2

Not known _____ 0

Were there any other illnesses or conditions of the baby?

Yes _____ 1

No _____ 2

Not known _____ 0

43 If the baby was discharged during the first seven days, what was the date of the last medical examination?

_____/April/1970

Examined by

Consultant Obstetrician _____ 1

Obstetric Registrar _____ 2

Obstetric House Officer _____ 3

Consultant Paediatrician _____ 4

Paediatric Registrar _____ 5

Paediatric House Officer _____ 6

G.P. _____ 7

Other (specify) _____ 8

Not known _____ 0

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(62)

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(71-72)

(73)

44 Where was the baby cared for each day?

By mother's bed

Day and night _____

Day only _____

In a ward nursery _____

In a special care unit _____

In a neonatal surgical unit _____

Elsewhere (specify) _____

In a cot _____

In an incubator _____

Elsewhere (specify) _____

Day of Birth	Days following birth						
	1st	2nd	3rd	4th	5th	6th	7th
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6

7	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3

7

7

(8-15)

(16-23)

45 Where was the mother during the first seven days?

Date	Day of Birth	Days following birth						
		1st	2nd	3rd	4th	5th	6th	7th
N.H.S. Consultant Hospital								
Consultant Bed	1	1	1	1	1	1	1	1
G.P. Bed	2	2	2	2	2	2	2	2
N.H.S. G.P. Maternity Unit without resident medical officer	3	3	3	3	3	3	3	3
Private Maternity Home	4	4	4	4	4	4	4	4
Own home or other private household	5	5	5	5	5	5	5	5
Other (specify)	6	6	6	6	6	6	6	6

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(24-31)

46 If the mother moved who was informed?

	First Move	Second Move	Third Move
G.P.	1	1	1
Local Health Department	2	2	2
Midwife			
Domiciliary	3	3	3
G.P. Unit	4	4	4
Hospital or G.P. Unit	5	5	5
Other (Specify)	6	6	6
How were they informed?			
Letter	1	1	1
Telephone	2	2	2
Personal Communication	3	3	3
Other (Specify)	4	4	4
When were they informed			

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(32-34)

(35-37)

38-40

47 Part III was completed by:

Using records

Hospital 1

G.P. 2

Midwife 3

Co-operation Card 4

Personal Communication

Hospital Doctor 5

G.P. 6

Midwife 7

(41)

48 Name of baby (if known)

ANY OTHER RELEVANT INFORMATION:

WE ARE GRATEFUL FOR THE TIME YOU HAVE GIVEN. THANK YOU FOR YOUR HELP

49 ABORTIONS, STILLBIRTHS AND NEONATAL DEATHS ONLY

Date of death

Was a postmortem performed?

Yes 1

No 2

Not known 0

STILLBIRTHS AND NEONATAL DEATHS ONLY
(For Medical Officer of Health only)

Registered cause of death

Cause of death (attach P.M. report if available)

If full P.M. report or registered cause of death not available: please send copies direct to 'The Secretary, National Birthday Trust Fund, 57 Lower Belgrave Street, London SW1' as soon as possible

42-43

44-47

48-51

INDEX

Abruptio placentae 77
Admission to hospital, antenatal 79-84
Age at completion of education 5,6
Age at medical examination 143
Age of mother 3
Anaesthetic 98-100
Analgesia in labour 96-7
Antenatal care 52-57
Antepartum haemorrhage 77
Asphyxia 101
Bias - missing cases iii
Bilirubin 137-138
Birthweight 107-108
Birthweight - age at weighing 108
Bleeding 75-77
Blood pressures, maternal 66-74
Blood sugar 137-138
Blood groups 59-60
Booked 85-87
Breast feeding 121-129
Breathing difficulties 139
Caesarean section 96
Cancer 118
Cephalhaematoma 141
Cerebral signs 140
Child care 11-14
Classes - labour preparation 19
Classes - mothercraft 19
Communication 157-163
Congenital abnormalities 130-132
Congenital dislocation of hip 134
Consultant bed 152-156
Contraception 14-19
Convulsions 140
Cyanotic attacks 139
Death, early neonatal 165
Death, fetal 165
Death, perinatal 165
Delivery, method of 96
Delivery, personnel 109-111
Depression 118
Diabetes 75
DVT 117
ECG 95
Eclampsia 75,114
Education, parental 5,6
Epidural 98,99,100
Epilepsy 118
Episiotomy 109
Evacuation of uterus 117
Examination, medical 118-121,143-146
Eye drops 106
Eyes, sticky 141
Failure to thrive 143
Feed, type of 123-129
Feeding difficulties 143
Fetal death 91
Fetal heart rate 94

Fits 140
Forceps 96
Fortral 96
Fractures 140
Gas and oxygen 96
Genital infection 116
Gestation 57-8
GP unit 152-156
Haemoglobin 60-65, 118
Haemorrhage 143
Haemorrhage, antepartum 77
Haemorrhage, postpartum 100
Height, maternal 59
Home 152-156
Hour of birth 90
Hypertension 118
Hypoglycaemia 138
Hypothermia 133
Incubator 149-152
Induction 87-89
Infection 116,139,141,143
Isolation ward 149-156
Jaundice 135-137
Key 1
Lactation 121
Length of labour 91-94
Lethidrone 106
LMP, believable 59
LMP, certain 58
Marital status 7
Marriage, year of 7
Meconium 95
Methodology i-iii
Midwife 55-6,109-110
Morphine 96
Multiple births 1,90
Occupation, parental 8-11
Oedema 74
Operations 117,142
Organisation of survey i
Oxygen 101-103
Parity 49
Past obstetric history 22-51
Perineal tear 109
Pethidine 96
Pethilorphan 96
Phenylketonuria 135
Place of delivery 85
Placenta praevia 77
Placenta, manual removal 101
PPH 100
Premarital status 8
Previous deaths 51
Previous miscarriages 50
Previous pregnancies 48
Previous stillbirths 50
Previous twins 49
Prolapsed cord 95
Proteinuria 74
Psychoprophylaxis 97

Psychosis 118
Pulmonary embolism 118
Region - definition 1
 - of birth of father 4
 - of birth of mother 3
 - of birth of mother's mother 4
 - of residence of mother this delivery 2
Respirations - time to onset 101
Respiratory distress 139
Resuscitation 101-105
Resuturing 117
Rhesus antibodies 60
Rooming in 146-148
Ruptured uterus 118
Scalp blood sampling 95
Sex 91
Smoking, maternal 20
Social class 9,11
Socio-economic group 8,10
Special care unit 146-148
Sterilisation 117
Suppression of lactation 121
Temperature 133-134
Threatened abortion 77
Transfusion 100, 142
Trilene 96
Twins 1,90
Ultrasound in labour 95
Umbilicus, discharging 141
Unemployment 10,11
Urinary infection 116
Vacuum extraction 96
Vanillic acid 107
Venous complication 117
Visits, antenatal 52-54
Vitamin K 106
Vomiting 143
Weight, lowest 108
WR test 66
X-ray, maternal 78

THE 1970 BIRTH COHORT

DATA DEPOSITED WITH THE ESRC

SURVEY ARCHIVE

(B) 22 month subsample

DOCUMENT PREPARED BY:

Institute of Child Health

University of Bristol

Bristol

1970 BIRTH COHORT
THE 22 MONTH SURVEY

DESCRIPTION OF DATA DEPOSITED
WITH THE ESRC SURVEY ARCHIVE

BY

DIVISION OF EPIDEMIOLOGY
DEPARTMENT OF CHILD HEALTH
UNIVERSITY OF BRISTOL

The 1970 Birth Cohort

A longitudinal study of children born in the week
5th - 11th April, 1970.

The children have been studied at birth, at ages 5
and 10. In addition a sample were followed up at
22 months and 42 months.

Each sweep is documented separately.

Address for correspondence:

Dr. J. Golding
Department of Child Health
Royal Hospital for Sick Children
St. Michael's Hill
Bristol. BS2 8BJ

CONTENTS

I	Description of survey	
	Background to the study	3
	Plan of investigation	3
	Publications using these data	7
II	Description of data format	
	The data file	8
	Coding	8
	No. of cases	8
	Layout of tables	8
	Matching files	8
III	Description of the data	
	1. The Environment	10
	2. Developmental screening test	18
	3. Medical examination	35
IV	The questionnaire	

PART I. DESCRIPTION OF 22 MONTH SURVEY

The background to the study

The experimental evidence that malnutrition in animals during the period of brain cell proliferation can lead to a permanent reduction in the number of brain cells has suggested that malnutrition in human infants might have a permanent effect on their subsequent physical and mental development (Cruise, 1973; Davies and Davis, 1970; Dobbing, 1964, Fitzhardinge and Steven, 1972; Thomson, 1970; Winick, 1969). Prolonged malnutrition is rare during postnatal life among babies in this country, but it may occur prenatally. Damage from fetal malnutrition, if irreversible, could be expected to have a depressive effect on the subsequent development of the child.

The identification of babies who suffered from fetal malnutrition is not easy. Babies of low birthweight are not a homogeneous group and include many whose weight is within normal limits for their length of gestation. Some babies are genetically small, some have abnormalities or illnesses which affect their growth, while others are retarded due to unfavourable conditions in utero. The social, biological and medical factors which led to the fetal malnutrition may in some cases continue to operate and, therefore, have a direct effect after birth on the progress of the child. Despite these considerable limitations, it was felt that there were three groups of babies which were most likely to include substantial numbers who had suffered from fetal malnutrition. The first group were the multiple births, because it was assumed that the primary, but not the only, reason for fetal malnutrition might be competition between the fetuses for available nourishment. The second group were the postmature babies, because placental growth is said to cease from the 39th week of pregnancy (Gruenwald, 1963) and thus the likelihood of fetal malnutrition occurring is increased in any baby born after term. The third group were the small-for-dates babies, by virtue of the fact that they showed evidence of fetal retardation at every gestational age.

Plan of Investigation

Method of sampling. During the week beginning 5 April 1970, a detailed survey of all births which occurred in the United Kingdom took place under the auspices of the National Birthday Trust Fund and the Royal College of Obstetricians and Gynaecologists (British Births, 1970). A stratified sample was drawn from this cohort of 16,955 livebirths as follows.

- (i) A 10% random sample of all singleton and multiple births.
- (ii) All multiple births, i.e. twins. (The one set of triplets died in the first week of life).

- (111) All singleton children who were born at or later than 42 weeks gestation whose mothers were recorded as being certain of the date of their last menstrual period and were not recorded as having taken the contraceptive pill for at least 15 months before childbirth.
- (1v) All singleton children who were on or below the 5th centile of birthweight for their length of gestation, allowing for their sex and maternal parity, but regardless of whether their mother was certain or not of her last normal menstrual period or had taken the contraceptive pill. the children were identified using Tanner and Thomson's (1970) charts for birthweight and length of gestation.

All the children of mothers who stated that they were unmarried, divorced, separated, or widowed at childbirth were then excluded, because of the difficulties involved in tracing and examining them.

The total sample came to 3,471 children, of whom 96 were known to have died since birth. Some of the children, of course, belonged to more than one of the above categories. A multiple birth could also be in the random group, a singleton child could be in the random group, in the postmature, or small-for-dates group, or any combination of these.

Examination of children. The surviving children were traced and the examinations arranged by health visitors and other staff of the local health departments. Practically all examinations were carried out by clinic medical officers, a few children were seen by general practitioners and, with the assistance of the Ministry of Defence, the children of members of the armed forces who were living abroad were examined by service doctors. All the health departments in Wales and Northern Ireland took part, but three in England and two in Scotland were unable to do so because of staff shortages, this accounted for non-examination of 5.4% of the children. Seven percent of the children were not seen because the parents refused or defaulted their appointments, while 11.1% were untraced or were traced too late for inclusion in this first survey at 22 months. A further 2.9% were in hospital, on holiday, or had left the country. Thus, in all, 73% of the children from the original sample were examined or were known to have died. Table 1 shows the proportions examined, these did not vary significantly in the three study groups from the random sample.

The results were recorded on a standard form. The first part contained a limited number of questions about the family background: most of this information was already known from the British Births Survey. The second part was a record of a developmental screening test. The third indicated the height, length, weight, and head circumference of the child, together with information on the past medical history and any abnormalities noted on examination. The need for accuracy was stressed and in the majority of instances these

measurements were carried out in clinics, a paper tape being provided.

Table 1

Number of surviving children in each sample group and proportion examined according to sex of child.

Sample group*	Boys			Girls			All		
	Total	% Examined		Total	% Examined		Total	% Examined	
		All ages	94-97w		All ages	94-97w		All ages	94-97w
Random	828	72.3	51.7	751	70.0	50.2	1579	71.2	51.0
Twins	163	72.4	48.5	146	70.9	53.4	309	73.8	50.8
Postmature	495	78.4	57.4	477	74.6	59.1	972	76.5	58.2
Small-for-dates	442	72.2	53.6	357	69.5	52.9	799	71.0	53.3

* These groups are not mutually exclusive and relate to 1,771 boys and 1,604 girls.

Time of examination. Arrangements had been made for the children to be examined between the ages of 94 to 97 weeks inclusive), but in the event (a power strike having intervened) only about half the total sample were examined during these 4 weeks.

To ascertain that the random sample was representative it was compared with its British Births Survey equivalent and no statistical difference was found at the 5% level for any of the following factors: mortality, birthweight, length of gestation, social class, sex, and maternal height, age, parity, and country of birth

Acknowledgement

The above text has been quoted verbatim from Chamberlain and Davey (1975) with the publisher's permission. In addition, the authors acknowledge the following

Professor J.C. Waterlow for suggesting the survey, the Medical Research Council for providing funds, the National Birthday Trust Fund for use of the British Births Survey data, St. Mary's Hospital Medical School and particularly Professor T.E. Oppe for help; Professor B. Benjamin of City University for advice; and finally all clinic medical officers, general practitioners, and service doctors who undertook examinations, and local health authority administrative staff and health visitors who traced and found the children.

References

- Chamberlain, R., Chamberlain, G., Howlett, B. and Claireaux, A. (1975) British Births 1970, Vol.1 First Week of Life. Heinemann, Medical Books, London.
- Cruise, M.O. (1973) A longitudinal study of the growth of low birth weight infants. 1. Velocity and distance growth, birth to 3 years. *Pediatrics*, 51,620.
- Davies, P.A., and Davis, J.P. (1970) Very low birth weight and subsequent head growth. *Lancet*, 11,1216.
- Dobbing, J. (1963) . The influence of early nutrition on the development and myelination of the brain. *Proceedings of the Royal Society* 159,503.
- Fitzhardinge, P.M., and Steven, E.M. (1972). The small-for-date infant. I. Later growth patterns. *Pediatrics*, 49,671.
- Gruenwald, P. (1963). Chronic fetal distress and placental insufficiency. *Biologia Neonsterum*, 5,215.
- Ounsted, M., and Ounsted, C. (1973). On fetal growth rate Clinics in Developmental Medicine No. 46. Spastics International Medical Publications. Heinemann Medical Books, London.
- Pitman, E.J.G. (1939). A note on normal correlation. *Bio-Medica*, 31,9.
- Tanner, J.M. and Thomson, A.M. (1970) Standards for birthweight at gestation periods from 32 to 42 weeks, allowing for maternal height and weight. *Archives of Disease in Childhood*, 43,560.
- Thomson, A.M. (1970) The evaluation of human growth patterns. *American Journal of Diseases of Children*. 120,398
- Winick, M. (1969). Malnutrition and brain development. *Journal of Pediatrics*, 74,667.

Publications using these data. (as of August 1989)

Chamberlain, R.N. and Simpson, R.N. (1979)
The Prevalence of Illness in Childhood. Tunbridge Wells
Pitman Medical.

Chamberlain, R. and Davey, A. (1975)
Physical growth in twins, postmature and small-for-dates
children. Archives of Disease in Childhood, 50,437-442.

Chamberlain, R. and Davey, A. (1976)
Cross-sectional study of developmental test items in children
aged 94 to 97 weeks: report of the British Births Child
Study. Developmental Medicine and Child Neurology, 18,54-70.

Chamberlain, R.N. and Simpson, R.N. (1977)
Cross-sectional studies of physical growth in twins,
postmature and small for dates children. Acta Paediatrica
Scandinavica, 66,457-463.

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)

Number of cases

In all, there are 2,457 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 variable number is given in square brackets.

The code, frequency (i.e. no of children with that code) and percentage (out of 2,457) are then given for all non-continuous variables.

Matching files

This should be done only using the KEY variable.

PART III. DESCRIPTION OF THE DATA

[B0001] Key variable

	<u>Value</u>	<u>Frequency</u>	<u>Percent</u>
[B0002] Twin code			
Singleton	0	2229	90.7
First born twin	1	115	4.7
Second born twin	2	113	4.6
	<hr/>		
TOTAL		2457	100 0
	<hr/>		

Reason(s) why child is in 22 month study

[B0003] Random control

No	0	1332	54 2
Yes	1	1125	45.8
	<hr/>		
TOTAL		2457	100 0
	<hr/>		

[B0004] Multiple birth

No	0	2229	90.7
Yes	1	228	9.3
	<hr/>		
TOTAL		2457	100.0
	<hr/>		

[B0005] Post-mature

No	0	1709	69.6
Yes	1	748	30.4
	<hr/>		
TOTAL		2457	100 0
	<hr/>		

[B0006] Small for dates

No	0	1890	76.9
Yes	1	567	23 1
	<hr/>		
TOTAL		2457	100 0

[B0007] Age at examination (in days)

Not stated	-3	12	0.5
Not known	-2	5	0.2
Age given		2440	99.3
TOTAL		2457	100.0

range of ages (days) = 639 - 863
 median = 675

SECTION 1: THE ENVIRONMENT

[B0008] Q4 "Does the family live in."

Not stated	-3	2	.1
Not known	-2	1	.0
Whole house	1	2055	83.6
Self contained flat/maisonette	2	310	12.6
Rooms	3	60	2.4
Other	4	29	1.2
TOTAL		2457	100.0

[B0009] Q4 If other in [B0008],

Not stated	-3	3	.1
Not known	-2	1	.0
Not applicable	-1	2425	98.7
Bedsit shared toilet	10	1	.0
Res. Children's Home	11	1	.0
Lives grandparent(s)	12	10	.4
Caravan	13	6	.2
Lives with in-laws	14	1	.0
Lives with a friend	17	1	.0
Lives with a cousin	18	1	.0
Shares house with other family	20	3	.1
Shares grandparent's flat	23	3	.1
Lives with maternal aunt	25	1	.0
TOTAL		2457	100.0

[B0010] Q4 If not a whole house in [B0008], on which floor? (where more than one floor given, the lowest has been coded)

Not stated	-3	53	2.2
Not known	-2	3	.1
Not applicable	-1	2069	84.2
Below street level	1	6	.2
Ground floor	2	108	4.4
Above ground floor	3	199	8.1
More than one level	4	19	.8
TOTAL		2457	100.0

[B0011] Q4 If above ground floor in [B0010], the floor of the accommodation.

Not stated	-3	84	3.4
Not known	-2	3	.1
Not applicable	-1	2202	89.6
	1	87	3.5
	2	42	1.7
	3	15	.6
	4	8	.3
	5	5	.2
	8	3	.1
	9	1	.0
	10	2	.1
	11	2	.1
	12	1	.0
	15	1	.0
	17	1	.0
TOTAL		2457	100.0

[B0012] Q5 "Is there a garden to play in?"

Not stated	-3	2	.1
Not known	-2	2	.1
Yes	1	2076	84.5
No	2	377	15.3
TOTAL		2457	100.0

[B0013] Q5 "If no in [B0012], what facilities are used?"

Not stated	-3	159	6.5
Not known	-2	4	.2
Not applicable	-1	2076	84.5
Parks	1	29	1.2
Allocated play area	2	10	.4
Adventure playground	3	1	.0
Streets/yard	4	64	2.6
Other	5	114	4.6
TOTAL		2457	100.0

[B0014] Q5 If answer 'other' to [B0013], which? - 1st description (see also B0015)

Not stated	-3	160	6.5
Not known	-2	4	.2
Not applicable	-1	2177	88.6
Stairway	10	2	.1
Backyard	11	29	1.2
Bedroom	12	7	.3
Beach	13	3	.1
Relation's garden	14	8	.3
Verandah	15	2	.1
Communal open green	16	9	.4
Friend's garden	17	2	.1
Living room	18	7	.3
Balcony	19	5	.2
No facilities available	21	31	1.3
Outside front door	22	1	.0
On roof	23	1	.0
Garage	24	1	.0
In house	25	5	.2
Farmyard	27	1	.0
Childminder	28	1	.0
Paved area in front of flats	29	1	0
TOTAL		2457	100.0

[B0015] Q5 If answer 'other' to [B0013], which?
- 2nd description

Not stated	-3	257	10.5
Not known	-2	4	.2
Not applicable	-1	2177	88.6
Backyard	11	1	.0
Bedroom	12	6	.2
Relation's garden	14	1	0
Communal open green	16	1	.0
Living room	18	7	.3
Balcony	19	1	.0
Caravan	20	1	.0
Outside front door	22	1	.0

TOTAL		2457	100.0
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[B0016] Q6 "Does the child sleep in a room.. . . "

Not stated	-3	1	.0
Not known	-2	2	.1
On his own	1	1068	43.5
With siblings	2	820	33.4
With father and/or mother	3	511	20.8
With others (specify)	4	55	2.2

TOTAL		2457	100.0
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[B0017] Q6 If answer 'with others' to [B0016], with whom?

Not stated	-3	2	.1
Not known	-2	2	.1
Not applicable	-1	2399	97.6
Whole family 1 room	10	37	1.5
Dormitory children's home	11	1	0
With grandmother	12	3	.1
Alternates sibs, parents	13	7	.3
With aunt or uncle	14	2	.1
With cousins	15	2	.1
With foster-sibs	16	2	.1

TOTAL		2457	100.0
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Q7. Father's occupation

"Present occupation, including a brief description of his actual work"

[B0018] Social class (coded using 1971 Classification of Occupations)

Not stated	-3	152	6.2
Not known	-2	14	.6
I	1	132	5.4
II	2	378	15.4
III NM	3	228	9.3
III M	4	1064	43.3
IV	5	377	15.3
V	6	112	4.6

TOTAL		2457	100.0
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[B0019] Q7 "Is he self-employed?"

Not stated	-3	196	8.0
Not known	-2	19	.8
Yes	1	319	13.0
No	2	1923	78.3

TOTAL		2457	100.0
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[B0020] Q7 If yes to [B0019], how many, if any, others employed by him?

Not stated	-3	3	.1
Not applicable	-1	2138	87.0
Working on his own	1	178	7.2
Employing <25 people	2	117	4.8
Employing 25+ people	3	21	.9

TOTAL		2457	100.0
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[B0021] Q7 If not self-employed (i.e. no to [B0019]) does he supervise others?

Not stated	-3	98	4.0
Not known	-2	46	1.9
Not applicable	-1	536	21.8
Yes	4	502	20.4
No	5	1275	51.9

TOTAL		2457	100.0
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[B0022] Q7 "Is he employed at present?"

Not stated	-3	102	4.2
Not known	-2	10	.4
Yes	1	2162	88.0
No	2	168	6.8
On strike	4	15	.6

TOTAL		2457	100.0
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[B0023] Q7 "Is the child's mother working?"

Not stated	-3	16	.7
Not known	-2	7	.3
Not applicable	-1	1	.0
Yes, full-time	1	81	3.3
Yes, part-time	2	317	12.9
No	3	2035	82.8

TOTAL		2457	100.0
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[B0024] Q8 "Mother's smoking habit"

Not stated	-3	2	.1
Not known	-2	9	.4
Not applicable	-1	1	.0
Never smoked	1	975	39.7
Smoked but now given up	2	326	13.3
Smokes now	3	1144	46.6

TOTAL		2457	100.0
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[B0025-7] Q8 "If now given up when did she last smoke?
The date given is produced as 2 variables.
month, year, or coded as text given in
B00027.

[B0025] Month

Not stated	-3	78	3.2
Not known	-2	140	5.7
Not applicable	-1	2120	86.3
	1	17	.7
	2	16	.7
	3	3	.1
	4	7	.3
	5	5	.2
	6	9	.4
	7	7	.3
	8	11	.4
	9	5	.2
	10	4	.2
	11	10	.4
	12	25	1.0
TOTAL		2457	100.0

[B0026] Year

Not stated	-3	61	2.5
Not known	-2	30	1.2
Not applicable	-1	2120	86.3
	53	1	.0
	58	1	.0
	60	3	.1
	61	1	.0
	62	11	.4
	63	7	.3
	64	11	.4
	65	14	.6
	66	16	.7
	67	16	.7
	68	13	.5
	69	29	1.2
	70	34	1.4
	71	74	3.0
	72	15	.6
TOTAL		2457	100.0

[B0027] Q8 When last smoked other than a date

Not stated	-3	61	2.5
Not known	-2	9	.4
Not applicable	-1	2364	96.2
At start of pregnancy	10	7	.3
At school	11	2	.1
When married	12	3	.1
Between 16 and 20	13	4	.2
Many years ago	14	1	.0
Before child born	15	1	.0
During pregnancy	16	4	.2
Since baby born	17	1	.0

TOTAL		2457	100.0
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[B0028] Q8 "How many a day does/did she smoke?"

Not stated	-3	65	2.6
Not known	-2	19	.8
Not applicable	-1	976	39.7
1 - 4	1	290	11.8
5 - 14	2	616	25.1
15 - 24	3	413	16.8
25 OR MORE	4	78	3.2

TOTAL		2457	100.0
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SECTION 2 : DEVELOPMENTAL SCREENING TEST

Q9 "Gross locomotor test"

[B0030] Q9 "Can he walk holding the furniture? -
mother's reply"

Not stated	-3	279	11.4
Not known	-2	1	.0
Yes	1	2150	87.5
No	2	27	1.1
TOTAL		2457	100.0

[B0031] Q9 Walks holding furniture examiner's
observation

Not stated	-3	374	15.2
Not known/refused	-2	35	1.4
Yes	1	2018	82.1
No	2	30	1.2
TOTAL		2457	100.0

[B0032] Q9 "Can he walk on his own (at least 10 steps)?
mother's reply "

Not stated	-3	69	2.8
Not known	-2	2	0.1
Yes	1	2356	95.9
No	2	30	1.2
TOTAL		2457	100.0

[B0033] Q9 Walks on own at least 10 steps examiner's
observation.

Not stated	-3	119	4.8
Not known/refused	-2	18	.7
Yes	1	2287	93.1
No	2	33	1.3
TOTAL		2457	100.0

[B0034] Q9 "Can he balance on one foot for one second?"
mother's replv

Not stated	-3	82	3.3
Not known	-2	393	16.0
Yes	1	1423	57.9
No	2	559	22.8

TOTAL		2457	100.0
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[B0035] Balance on one foot for one second examiner's
observation.

Not stated	-3	167	6.8
Not known/refused	-2	831	33.8
Yes	1	783	31.9
No	2	676	27.5

TOTAL		2457	100.0
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[B0036] Q9 "Can he jump in one place?" (The examiner was
asked to demonstrate and give three trials)
mother's reply.

Not stated	-3	67	2.7
Not known	-2	148	6.0
Yes	1	1785	72.6
No	2	457	18.6

TOTAL		2457	100.0
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[B0037] Q9 Jump in one place examiner's observation

Not stated	-3	173	7.0
Not known/refused	-2	902	36.7
Yes	1	698	28.4
No	2	684	27.8

TOTAL		2457	100.0
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Q10 "Fine locomotor Test"

Q10a "Use of cubes. Let the child play with the 11n cubes, then demonstrate a tower. He must release each cube so that the tower remains balanced. Allow 3 attempts."

[B0038] Number of cubes in the tallest tower

Unable to examine/refused	-6	337	13.7
Not stated	-3	13	.5
	1	4	.2
	2	146	5.9
	3	295	12.0
	4	354	14.4
	5	424	17.3
	6	305	12.4
	7	232	9.4
	8	176	7.2
	9	83	3.4
	10	74	3.0
	11	6	.2
	12	8	.3
TOTAL		2457	100.0

B. "Use of pencil and paper"

[B0039] "Ask the mother: does he use pencil & paper at home?"

Not stated	-3	37	1.5
Not known	-2	3	.1
Yes	1	2183	88.8
No	2	234	9.5
TOTAL		2457	100.0

Q10b "Give the child a pencil and follow the instructions on the special papers provided whether or not he has used a pencil before"

"(a) Allow the child to scribble spontaneously in the space below. If he does not do so on his own, show him how to do so."

[B0040] Result

Unable to examine/refused	-6	255	10.4
Not known	-2	4	.2
Scribbled spontaneously	1	1718	69.9
Scribbled after demonstration	2	480	19.5

TOTAL		2457	100.0
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Q10.B(b) "Show the child how to draw with a circular motion. Ask him to do the same. If he does not copy you, repeat once again".

[B0041] Result

Unable to examine/refused	-6	388	15.8
Not known	-2	5	.2
Drew circular shape	1	787	32.0
Scribbled only	2	1277	52.0

TOTAL		2457	100.0
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Q10.B(c) "Show the child how to make a vertical line. Move the pencil towards the child emphasising the direction with a whole arm movement. If the child does not copy, repeat once again".

[B0042] Result

Unable to examine/refused	-6	374	15.2
Not stated	-3	42	1.7
Not known	-2	5	.2
Definite stroke at 1st attempt	1	388	15.8
Definite stroke at 2nd attempt	2	151	6.1
Vertical scribble at 1st attempt	3	205	8.3
Vertical scribble at 2nd attempt	4	134	5.5
Scribbled only	5	1158	47.1

TOTAL		2457	100.0
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Q10.B(d) "Show the child how to draw a cross. If he does not copy you repeat once again."

[B0043] Result

Unable to examine/refused	-6	482	19.6
Not stated	-3	47	1.9
Not known	-2	5	.2
Drew 2 lines which crossed at some point	1	92	3.7
Any other drawing	2	1831	74.5
TOTAL		2457	100.0

Q11 "Speech and language"

[B0044] Q11 "Ask the mother can he say 'ma ma'?"

Not stated	-3	8	.3
Not known	-2	4	.2
Yes	1	2412	98.2
No	2	33	1.3
TOTAL		2457	100.0

[B0045] Q11 "Does he associate it with his mother?"

Not stated	-3	30	1.2
Not known	-2	10	.4
Not applicable	-1	10	.4
Yes	1	2369	96.4
No	2	38	1.5
TOTAL		2457	100.0

[B0046] Q11 "Can he say da da ?"

Not stated	-3	15	.6
Not known	-2	7	.3
Yes	1	2389	97.2
No	2	46	1.9
TOTAL		2457	100.0

[B0047] Q11 "Does he associate it with his father?"

Not stated	-3	27	1.1
Not known	-2	19	.8
Not applicable	-1	14	6
Yes	1	2341	95.3
No	2	56	2.3

TOTAL		2457	100.0
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[B0048] Q11 "Does he say other words clearly & with meaning?"

Not stated	-3	15	.6
Not known	-2	8	.3
Yes	1	2343	95.4
No	2	91	3.7

TOTAL		2457	100.0
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[B0049] "If less than 5, specify" number

Not stated	-3	770	31.3
Not known	-2	7	.3
	0	3	.1
	1	25	1.0
	2	53	2.2
	3	64	2.6
	4	67	2.7
More than 5	5	1468	59.7

TOTAL		2457	100.0
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[B0050] Q11 "Does he put two words together?"

Not stated	-3	10	.4
Not known	-2	15	6
Yes	1	1856	75.5
No	2	576	23.4

TOTAL		2457	100.0
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[B0051] Q11 "Does he say sentences of 3 words or more?"

Not stated	-3	20	8
Not known	-2	33	1.3
Yes	1	1082	44.0
No	2	1322	53.8
TOTAL		2457	100.0

Q11 "Ask the child to show you his..."

[B0052] Did the child show his hair to examiner?

Unable to examine	-6	3	.1
Not stated	-3	29	1.2
Not known	-2	8	.3
Yes	1	1224	49.8
No	2	1193	48.6
TOTAL		2457	100.0

[B0053] Did child show his eyes to examiner?

Unable to examine	-6	3	.1
Not stated	-3	29	1.2
Not known	-2	7	.3
Yes	1	1123	45.7
No	2	1295	52.7
TOTAL		2457	100.0

[B0054] Did child show his nose to examiner?

Unable to examine	-6	3	.1
Not stated	-3	29	1.2
Not known	-2	7	.3
Yes	1	1237	50.3
No	2	1181	48.1
TOTAL		2457	100.0

[B0055] Did child show his mouth to examiner?

Unable to examine	-6	3	.1
Not stated	-3	29	1.2
Not known	-2	7	.3
Yes	1	1186	48.3
No	2	1232	50.1
<hr/>			
TOTAL		2457	100.0

[B0056] Did child show his hands to examiner?

Unable to examine	-6	3	.1
Not stated	-3	29	1.2
Not known	-2	7	.3
Yes	1	1275	51.9
No	2	1143	46.5
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TOTAL		2457	100.0

[B0057] Did child show his feet to examiner?

Unable to examine	-6	3	.1
Not stated	-3	29	1.2
Not known	-2	7	.3
Yes	1	1300	52.9
No	2	1118	45.5
<hr/>			
TOTAL		2457	100.0

Ask the mother which of the items not "demonstrated" can the child do at home.

(For each of variables [B0058-B0063], the observed variable has been combined with the mother's report).

[B0058] Q11 Mother reports child can point to his hair.

Not stated	-3	43	1.8
Not known	-2	34	1.4
Yes, demonstrated	1	1224	49.8
Yes, not demonstrated	2	764	31.1
No cannot	3	392	16.0
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TOTAL		2457	100.0

[B0059] Mother reports child can indicate his eyes.

Not stated	-3	50	2.0
Not known	-2	34	1.4
Yes, demonstrated	1	1123	45.7
Yes, not demonstrated	2	823	33.5
No, cannot	3	427	17.4

TOTAL		2457	100.0
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[B0060] Mother reports child can point to his nose.

Not stated	-3	44	1.8
Not known	-2	33	1.3
Yes, demonstrated	1	1237	50.3
Yes, not demonstrated	2	789	32.1
No, cannot	3	354	14.4

TOTAL		2457	100.0
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[B0061] Mother reports child can point to his mouth

Not stated	-3	46	1.9
Not known	-2	32	1.3
Yes, demonstrated	1	1186	48.3
Yes, not demonstrated	2	801	32.6
No, cannot	3	392	16.0

TOTAL		2457	100.0
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[B0062] Mother reports child can show his hands.

Not stated	-3	43	1.8
Not known	-2	34	1.4
Yes, demonstrated	1	1275	51.9
Yes, not demonstrated	2	749	30.5
No, cannot	3	356	14.5

TOTAL		2457	100.0
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[B0063] Mother reports child can indicate his feet.

Not stated	-3	46	1.9
Not known	-2	32	1.3
Yes, demonstrated	1	1300	52.9
Yes, not demonstrated	2	727	29.6
No, cannot	3	352	14.3

TOTAL		2457	100.0
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Q12 Personal and social

Give the child the following commands
"Give mummy the pencil'""

[B0064] Did he give the pencil to his mother?

Unable to examine	-6	3	.1
Not stated	-3	14	.6
Not known	-2	5	.2
Yes	1	1971	80.2
No	2	464	18.9

TOTAL		2457	100.0
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"Put the pencil on the chair'"

[B0065] Did he put the pencil on a chair?

Unable to examine	-6	3	.1
Not stated	-3	14	.6
Not known	-2	5	.2
Yes	1	1490	60.6
No	2	945	38.5

TOTAL		2457	100.0
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"Give me the pencil'"

(The examiner was instructed not to hold out a hand for the pencil)

[B0066] Did he give the pencil to the examiner?

Unable to examine	-6	3	.1
Not stated	-3	14	.6
Not known	-2	5	.2
Yes	1	1751	71.3
No	2	684	27.8
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TOTAL		2457	100.0
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"Put the pencil on the table'"

[B0067] Did he put the pencil on a table?

Unable to examine	-6	3	.1
Not stated	-3	14	.6
Not known	-2	5	.2
Yes	1	1621	66.0
No	2	814	33.1
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TOTAL		2457	100.0
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Ask the mother which of the above that he did not do, could he do at home.
(For each of variables [B0068 - B0071] the observed variable has been combined with the mother's report.)

[B0068] Mother reports he can give a pencil to her on request.

Not stated	-3	30	1.2
Not known	-2	13	.5
Yes, demonstrated	1	1971	80.2
Yes, not demonstrated	2	350	14.2
No, cannot	3	93	3.8
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TOTAL		2457	100.0
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[B0069] Mother reports he can put pencil on a chair.

Not stated	-3	50	2.0
Not known	-2	22	9
Yes, demonstrated	1	1490	60.6
Yes, not demonstrated	2	623	25.4
No, cannot	3	272	11.1

TOTAL		2457	100.0
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[B0070] Mother reports he can give pencil to
examiner

Not stated	-3	40	1.6
Not known	-2	16	.7
Yes, demonstrated	1	1751	71.3
Yes, not demonstrated	2	454	18.5
No, cannot	3	196	8.0

TOTAL		2457	100.0
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[B0071] Mother reports he can put pencil on table.

Not stated	-3	48	2.0
Not known	-2	21	.9
Yes, demonstrated	1	1621	66.0
Yes, not demonstrated	2	534	21.7
No, cannot	3	233	9.5

TOTAL		2457	100.0
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"Ask the mother whether he will fetch objects
at home."

[B0072] Will he fetch objects at home if they are in
sight?

Not stated	-3	33	1.3
Not known	-2	17	.7
Yes	1	2375	96.7
No	2	32	1.3

TOTAL		2457	100.0
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[B0073] "Will he fetch objects at home if they are out of sight?"

Not stated	-3	30	1.2
Not known	-2	52	2.1
Yes	1	2195	89.3
No	2	180	7.3
TOTAL		2457	100.0

[B0074] "Is he able to feed himself with a spoon holding it level?"

Not stated	-3	19	.8
Not known	-2	5	.2
Yes	1	2296	93.4
No	2	137	5.6
TOTAL		2457	100.0

[B0075] "Can he take off his shoes (if unlaced)?
- mother's reply."

Not stated	-3	25	1.0
Not known	-2	42	1.7
Yes	1	2186	89.0
No	2	204	8.3
TOTAL		2457	100.0

[B0076] "Did he take off his shoes (if unlaced)?
- examiner's observation "

Unable to examine	-6	1	.0
Not stated	-3	294	12.0
Not known	-2	604	24.6
Yes	1	1171	47.7
No	2	387	15.8
TOTAL		2457	100.0

[B0077] "Can he put on his shoes (unlaced and not necessarily on the correct foot)? "
- mother's reply.

Not stated	-3	31	1.3
Not known	-2	38	1.5
Yes	1	1515	61.7
No	2	873	35.5
TOTAL		2457	100.0

[B0078] "Can he put on his shoes (unlaced but not necessarily on the correct foot)? "
- examiner's observation."

Unable to examine	-6	2	.1
Not stated	-3	296	12.0
Not known	-2	643	26.2
Yes	1	746	30.4
No	2	770	31.3
TOTAL		2457	100.0

[B0079] "Can he take off his pants?
- mother's reply."

Not stated	-3	20	.8
Not known	-2	57	2.3
Yes	1	1382	56.2
No	2	998	40.6
TOTAL		2457	100.0

[B0080] "Can he take off his pants?
- examiner's observation."

Unable to examine	-6	1	.0
Not stated	-3	363	14.8
Not known	-2	839	34.1
Yes	1	433	17.6
No	2	821	33.4
TOTAL		2457	100.0

[B0081] "Can he put on his pants (either way round)
- mother's reply."

Not stated	-3	27	1.1
Not known	-2	78	3.2
Yes	1	741	30.2
No	2	1611	65.6
TOTAL		2457	100.0

[B0082] "Can he put on his pants?"
- examiner's observation.

Unable to examine	-6	1	.0
Not stated	-3	374	15.2
Not known	-2	829	33.7
Yes	1	200	8.1
No	2	1053	42.9
TOTAL		2457	100.0

Q13 "General"

[B0083] "How co-operative was the child?"

Unable to examine	-6	2	.1
Not stated	-3	64	2.6
Not known	-2	1	.0
Cooperative	1	1196	48.7
Very cooperative	2	645	26.3
Uncooperative	3	451	18.4
Very uncooperative	4	98	4.0
TOTAL		2457	100.0

[B0084] "Do you feel child was able to do more than
he did during the test?"

Unable to examine	-6	1	.0
Not stated	-3	107	4.4
Not known	-2	9	.4
Yes	1	1497	60.9
No	2	843	34.3
TOTAL		2457	100.0

(It should be noted that due to the design of the question, lack of response to the statements below had to be taken to indicate 'no', but must include cases of 'not stated').

Did he show any abnormal behaviour?

[B0085] Mouthing

Unable to examine	-6	1	.0
Yes	1	57	2.3
No	2	2399	97.6
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0086] Casting

Unable to examine	-6	1	.0
Yes	1	39	1.6
No	2	2417	98.4
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0087] Rocking

Unable to examine	-6	1	.0
Yes	1	18	.7
No	2	2438	99.2
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0088] Headbanging

Unable to examine	-6	1	0
Yes	1	20	8
No	2	2436	99.1
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0089] Other abnormal behaviour

Unable to examine	-6	1	.0
Yes	1	37	1.5
No	2	2419	98.5
TOTAL		2457	100.0

[B0090] Description of other abnormal behaviour
- 1st description

Not stated	-3	3	.1
Not applicable	-1	2420	98.5
Breath-holding	10	3	.1
Rolled head from side to side	11	2	.1
Dribbled constantly	12	4	.2
Struck mother in a temper	13	2	.1
Tenses up when excited	14	1	.0
Hyper-active/hyperkinetic	15	9	.4
Grunting	16	1	.0
Immature behaviour	18	1	.0
Temper/tantrums	19	6	.2
Mother states "child bites in a temper	20	2	.1
Biting	21	1	.0
Cerebral cry	22	1	.0
Nodding head up to age 6 m	24	1	.0
TOTAL		2457	100.0

[B0091] Description of other abnormal behaviour
- 2nd description

Not applicable	-1	2455	99.9
Grimacing	17	1	.0
Muscular twitchings	23	1	.0
TOTAL		2457	100.0

SECTION 3: MEDICAL EXAMINATION

Part AQ14 Measurements

Q14 Weight

The child was weighed in vest and pants only. The interviewer was asked not to use bathroom scales but to get the child weighed at a clinic or elsewhere where accurate scales were available.

Recording was in either lb, oz or Kg. Coders subsequently converted any imperial measures to metric

[B0093] Weight

Not known	-2	109	4.4
Valid weights		2348	95.6
<hr/>			
TOTAL		2457	100.0
<hr/>			

Range 6.40 to 20.41
median = 11.86

[B0094] Q14 "were there any difficulties in weighing ?
(eg. child refused to stand still, scales,
etc.)"

Unable to examine	-6	1	.0
Not stated	-3	1004	40.9
Not known	-2	2	.1
Yes	1	436	17.7
No	2	1014	41.3
<hr/>			
TOTAL		2457	100 0
<hr/>			

Height

"This is a difficult measurement. If possible record both standing height and recumbent length "

[B0095] Child's standing height without shoes in metres and centimetres

Not known	-2	161	6 6
Valid heights		2296	93.4
<hr/>			
TOTAL		2457	100.0
<hr/>			

Range 0.44 to 1.07
median 0.83

Recumbent length

"Use a rigid surface. Mark the position of the heels and top of the head and measure the distance between them."

[B0096] Q14 Child's recumbent length metres

Not known	-2	571	23.2
Valid lengths		1886	76.8
<hr/>			
TOTAL		2457	100.0
<hr/>			

Range 0.41 to 1.07
median 0.83

Head circumference

"With the paper measure provided, measure around forehead and occiput recording maximum circumference. It is important to be as accurate as possible."

[B0097] Circumference of head in centimetres

Not known	-2	47	1 9
Valid circumferences		2410	98.1
<hr/>			
TOTAL		2457	100.0
<hr/>			

Range 30 - 59
median 48 5

[B0098] Q14 "Are the fontanelles closed ?"

Unable to examine	-6	14	.6
Not stated	-3	35	1.4
Not known	-2	1	.0
Yes	1	2209	89.9
No	2	198	8.1
TOTAL		2457	100.0

"Indicate on the diagram any abnormalities of shape" (see reproduction of questionnaire).

[B0099] Q14 Any abnormalities

Unable to examine	-6	1	.0
Not stated	-3	83	3.4
Yes	1	81	3.3
No	2	2292	93.3
TOTAL		2457	100.0

[B0100] Abnormalities - 1st description

Unable to examine	-6	1	.0
None noted	-1	2376	96.7
Broad head	10	4	.2
Large forehead	11	3	.1
Prominent brow	12	9	.4
Prominent occiput	13	9	.4
Ridge on skull where frontal bones fused	15	1	.0
Anterior fontanelle firm & depressed	16	1	.0
Long skull from anterior to posterior	17	3	.1
Very round skull	18	6	.2
Flat top of skull	19	1	.0
Skull shaped as parallelogram	20	8	.3
Head flattened on one side	21	5	.2
Skull flattened at rear	23	9	.4
Microcephalic	24	2	.1
Marked membrane ridge on forehead	25	2	.1
Prominent left side of forehead	26	1	.0
Narrow posteriorly	27	1	.0
Marked bossing of forehead	29	1	.0
Anterior fontanelle not closed	30	3	.1

38

Mild left parallelogram	31	2	.1
Mild right parallelogram	32	3	.1
Achondroplastic skull	33	1	.0
Skull wide posteriorly	34	2	.1
Skull protrudes unilaterally	35	1	.0
Small under-developed skull	36	1	.0
Wide anteriorly	37	1	.0

TOTAL	2457	100.0
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[B0101] Abnormalities - 2nd description

Unable to examine	-6	1	.0
None noted	-1	2442	99.4
Large forehead	11	1	.0
Prominent brow	12	1	.0
Prominent occiput	13	2	.1
Very round skull	18	1	.0
Skull shaped as parallelogram	20	2	.1
Skull very narrow anteriorly	22	1	.0
Skull flattened at rear	23	2	.1
Prominent left side of forehead	26	1	.0
Narrow posteriorly	27	2	.1
Mild right parallelogram	32	1	.0

TOTAL	2457	100.0
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[B0102] Abnormalities - 3rd description

Unable to examine	-6	1	.0
None noted	-1	2455	99.9
High-domed head	28	1	.0

TOTAL	2457	100.0
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Q16 "Is the child cared for.. .?"

[B0103] "In a day nursery ?"

Not stated	-3	45	1.8
Not known	-2	1	.0
No	0	2395	97.5
Yes, full-time	1	8	.3
Yes, part-time	2	8	.3

TOTAL	2457	100.0
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[B0104] "In a playgroup ?"

Not stated	-3	45	1 8
Not known	-2	1	.0
No	0	2377	96 7
Yes, full-time	1	1	.0
Yes, part-time	2	33	1.3

TOTAL		2457	100.0
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[B0105] "By child minder ?"

Not stated	-3	45	1.8
Not known	-2	1	.0
No	0	2377	96.7
Yes, full-time	1	8	.3
Yes, part-time	2	26	1.1

TOTAL		2457	100.0
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[B0106] "In a residential nursery?"

Not stated	-3	45	1.8
Not known	-2	1	.0
No	0	2302	93.7
Yes, full-time	1	1	.0
Yes, part-time	2	108	4.4

TOTAL		2457	100 0
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[B0107] "At home ?"

Not stated	-3	45	1.8
Not known	-2	1	0
No	0	43	1.8
Yes, full-time	1	2264	92 1
Yes, part-time	2	104	4.2

TOTAL		2457	100 0
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[B0108] "Elsewhere ?"

Not stated	-3	45	1.8
Not known	-2	1	.0
No	0	2349	95.6
Yes, full-time	1	21	.9
Yes, part-time	2	41	1.7

TOTAL		2457	100.0
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[B0109] Place if cared for full-time elsewhere

Not stated	-3	45	1.8
Not known	-2	1	.0
Not full-time elsewhere	-1	2390	97.3
Grandparent's home	10	16	.7
Other relative's home	11	2	.1
Foster parent's home	14	2	.1
Own home but cared for by grandparents	15	1	.0

TOTAL		2457	100.0
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[B0116] Place cared for part-time elsewhere

Not stated	-3	52	2.1
Not part-time elsewhere	-1	2367	96.3
Grandparent's home	10	24	1.0
Other relative's home	11	5	.2
Neighbour's home	12	3	.1
Friend's home	13	4	.2
Hospital creche	16	1	.0
Cared for at home by child minder	17	1	.0

TOTAL		2457	100.0
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[B0118] Q17 "Was the child born in hospital ?"

Not stated	-3	3	1
Not known	-2	1	.0
Yes	1	2188	89.1
No	2	265	10.8

TOTAL		2457	100.0
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[B0119] If yes to [B0118], give length of stay after birth"

(a) the mother

Not stated	-3	11	.4
Not known	-2	3	.1
Not applicable	-1	266	10.8
No. of days given	1	34	1.4
	2	351	14.3
	3	65	2.6
	4	74	3.0
	5	137	5.6
	6	161	6.6
	7	343	14.0
	8	207	8.4
	9	122	5.0
	10	456	18.6
	11	40	1.6
	12	52	2.1
	13	9	.4
	14	82	3.3
	15	6	.2
	16	5	.2
	17	1	.0
	18	1	.0
	21	21	.9
	22	1	.0
	28	4	.2
	35	1	.0
	42	3	.1
	56	1	.0
TOTAL		2457	100.0

[B0120] If yes to [B0018], length of stay of baby (days)

Not stated	-3	18	.7
Not known	-2	4	.2
Not applicable	-1	265	10.8
	1	29	1.2
	2	332	13.5
	3	51	2.1
	4	59	2.4
	5	116	4.7
	6	147	6.0
	7	303	12.3
	8	196	8.0
	9	122	5.0
	10	403	16.4
	11	42	1.7
	12	46	1.9
	13	13	.5
	14	92	3.7
	15	7	.3
	16	13	.5
	17	18	.7
	18	6	.2
	19	2	.1
	20	1	.0
	21	56	2.3
	22	5	.2
	23	2	.1
	24	2	.1
	25	2	.1
	26	1	.0
	27	1	.0
	28	21	.9
	29	1	.0
	30	7	.3
	31	1	.0
	35	21	.9
	37	2	.1
	39	3	.1
	42	24	1.0
	44	2	.1
	45	1	.0
	49	6	.2
	55	1	.0
	56	5	.2
	60	3	.1
	63	2	.1
	70	1	.0
	90	1	.0
	98	1	.0

TOTAL

2457 100.0

"If they did not leave at the same time or were separated,
give the reasons "

(The reasons have been coded verbatim and not edited).

[B0121] Reason for separation - 1st given			
Not stated	-3	38	1.5
Not known	-2	3	.1
Not applicable	-1	2106	85.7
Dysmature baby/low birthweight	10	4	.2
Premature/low birthweight baby	11	154	6.3
Breathing difficulties (baby)	12	5	.2
Mother sterilisation	13	8	.3
Mother toxæmia pre & post delivery	14	5	.2
Mother caesarean section	15	7	.3
Weight loss (baby)	16	7	.3
Calcium deficiency (baby)	18	4	.2
Food poisoning (mother)	19	2	.1
Twin premature/low birthweight	21	15	.6
Neonatal asphyxia	22	1	.0
Anaemia (maternal)	25	1	.0
Cyanotic attack blue baby	26	1	0
Jaundice (baby)	27	12	.5
Cleft lip surgery	28	1	.0
Cot nursed, result of high forceps delivery	29	1	.0
Admitted to S.C.B.U.	32	12	.5
Spina bifida baby	33	1	.0
Blood transfusion (baby)	35	6	.2
Blood transfusion (mother)	36	1	.0
Vomiting & diarrhoea (baby)	39	1	.0
Sore buttocks (baby)	40	1	0
Twitching attacks (baby)	41	1	.0
Feeding difficulties (baby)	43	7	.3
Increase in cranial pressure due to blockage in basal cistern region	47	1	.0
Baby in incubator	48	4	.2
Twin stillborn	49	1	.0
Slow development	52	2	1
Cord not separated	53	1	.0
Puerperal depression	54	1	.0
Throat/or urinary infection (mother)	56	2	.1
Stridor (baby)	57	1	.0
Child microcephalic	58	1	0
Social reasons	59	1	.0
Post-partum haemorrhage	61	1	.0
Investigation-baby blue feet	63	1	.0
Baby rhesus -ve	65	1	0
Suspected hydrocephalus (baby)	67	1	0
Transferred to other hospital	68	1	.0
Oesophageal atresia (baby)	70	2	.1
Maternal D + C	71	1	0
Poor condition baby	73	1	0
Pneumonitis (baby)	74	1	0

Maternal vomiting - on intravenous drip	75	1	.0
Rejection by natural mother	76	1	.0
Underweight (not premature)	79	11	.4
Baby had to attain birthweight	80	4	.2
Urinary infection (baby)	81	2	.1
Spontaneous Pneumothorax (baby)	82	1	0
Gastro-enteritis (baby)	83	1	.0
Mother rhesus negative	86	2	1
Unclear	92	4	.2
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0122] Reason for separation - 2nd reason

Not stated	-3	38	1.5
Not known	-2	3	.1
Not applicable	-1	2342	95.3
Premature/low birthweight baby	11	5	.2
Breathing difficulties (baby)	12	3	1
Maternal sterilisation	13	2	.1
Mother toxæmia (pre & post delivery)	14	1	.0
Mother caesarean section	15	3	1
Cerebral haemorrhage (baby)	17	1	.0
Anaemia (baby)	24	2	.1
Cyanotic attack - blue baby	26	1	.0
Jaundice (baby)	27	2	.1
Cot nursed - high forceps delivery	29	1	.0
Mother high blood pressure	30	1	.0
Admitted to S.C.B U.	32	11	.4
Blood transfusion (baby)	35	2	.1
Blood transfusion (mother)	36	2	1
Vomiting & diarrhoea (baby)	39	3	.1
Twitching attacks (baby)	41	1	.0
Feeding difficulties (baby)	43	3	.1
Manual extraction of placenta	45	1	0
Mother home early to look after other children	46	1	.0
Baby in incubator	48	9	.4
Twin 1 or 2 stillborn	49	1	0
Loose stools	50	1	.0
Cerebral irritation	55	1	.0
Cervical tear	62	1	.0
Cystic hygroma	64	1	.0
Transferred to other hospital	68	1	.0
Suspected heart condition	69	1	.0
Hæmatemesis of baby	78	1	0
Underweight not premature	79	2	.1
Baby to attain birthweight	80	1	0
Baby hypoglycaemic	84	1	.0
Rhesus incompatibility and baby had blood transfusion)	85	2	.1

	45		
Hole in heart	89	1	.0
Baby kept in observation	90	1	.0
Axillary swelling	91	1	.0
Unclear	92	2	.1
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0123] Reason for separation - 3rd reason

Not stated	-3	38	1.5
Not known	-2	3	.1
Not applicable	-1	2395	97.5
Premature/low birthweight baby	11	1	.0
Mother sterilisation	13	1	.0
Mother caesarean section	15	1	.0
Weight loss (baby)	16	1	.0
Calcium deficiency (baby)	18	1	.0
Neonatal asphyxia	22	1	.0
Jaundice (baby)	27	2	.1
Baby eye infection	31	1	.0
Admitted to S.C.B.U.	32	6	.2
Low blood glucose (baby)	37	1	.0
Mucoviscidosis	51	1	.0
Ante-partum haemorrhage	60	1	.0
Baby rhesus (neg)	65	1	.0
Baby had a cold	72	1	.0
Dehydrated	87	1	.0
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0124] Reason for separation - 4th reason

Not stated	-3	38	1.5
Not known	-2	3	.1
Not applicable	-1	2410	98.1
Breathing difficulties (baby)	12	1	.0
Mother caesarean section	15	1	.0
Mother post natal petit mal	34	1	0
Long blood clotting time (baby)	38	1	.0
Slow development	52	1	.0
Baby rhesus -ve	65	1	0
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0127] "Has the child had any fits or convulsions since birth?"

Not stated	-3	7	.3
Not known	-2	11	.4
Yes	1	116	4.7
No	2	2323	94.5
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0128] "If yes, how often?"

Not stated	-3	47	1.9
Not known	-2	8	.3
Not applicable	-1	2323	94.5
	1	41	1.7
	2	16	.7
	3	7	.3
	4	4	.2
	5	3	.1
	6	1	.0
	20	1	.0
	38	1	.0
Numerous	55	5	.2
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0130] Date of first fit/convulsion (month)

Not stated	-3	43	1.8
Not known	-2	8	.3
Not applicable	-1	2323	94.5
	1	8	.3
	2	8	.3
	3	6	.2
	4	14	.6
	5	5	.2
	6	6	.2
	7	11	.4
	8	8	.3
	9	4	.2
	10	3	.1
	11	2	.1
	12	8	.3
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0131] Date of first fit/convulsion (year)

Not stated	-3	43	1.8
Not known	-2	8	.3
Not applicable	-1	2323	94.5
	70	29	1.2
	71	47	1.9
	72	7	.3

TOTAL		2457	100.0
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[B0133] Date of most recent fit/convulsion (month)

Not stated	-3	65	2.6
Not known	-2	7	.3
Not applicable	-1	2323	94.5
	1	7	.3
	2	6	.2
	3	2	.1
	4	14	.6
	5	2	.1
	6	6	.2
	7	5	.2
	8	5	.2
	9	5	.2
	10	2	.1
	11	2	.1
	12	6	.2

TOTAL		2457	100.0
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[B0134] Date of most recent fit/convulsion (year)

Not stated	-3	65	2.6
Not known	-2	7	.3
Not applicable	-1	2323	94.5
	70	15	.6
	71	36	1.5
	72	11	.4

TOTAL		2457	100.0
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[B0135] Stated cause of fits/convulsions 1st given

Not stated	-3	45	1.8
Not known	-2	13	.5
Not applicable	-1	2323	94.5
Upper respiratory infection	10	4	.2
Otitis media	11	4	.2
Teething	12	6	.2
Immunisation reaction	13	2	.1
Fall	14	2	.1
Head injury	15	2	.1
Calcium deficiency	16	3	.1
Breath-holding	18	6	.2
Bronchitis	19	2	.1
Tonsillitis	20	6	.2
Cerebral haemorrhage	23	1	.0
Urinary infection	24	2	.1
Meningitis	25	3	.1
Twitching in 1st week of life	27	1	.0
Cyanosis	28	1	.0
Gastro-enteritis	29	3	.1
Pyrexia	34	26	1.1
Colic	36	1	.0
Primary cerebral agenesis	38	1	.0

TOTAL		2457	100.0
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[B0136] Stated cause of fits/convulsions 2nd given

Not stated	-3	103	4.2
Not known	-2	10	.4
Not applicable	-1	2323	94.5
Otitis media	11	2	.1
Immunisation reaction	13	1	.0
Tonsillitis	20	3	.1
Influenza	32	1	.0
Pyrexia	34	12	.5
Dehydration	39	1	.0
Septicaemia	41	1	.0

TOTAL		2457	100.0
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[B0137] Stated cause of fits/convulsions 3rd given

Not stated	-3	120	4.9
Not known	-2	10	4
Not applicable	-1	2323	94.5
Upper respiratory infection	10	2	.1
Teething	12	1	0
Pvrexia	34	1	0

TOTAL		2457	100.0
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[B0140] Q19 Has the child lost consciousness for any reason?

Not stated	-3	3	.1
Not known	-2	11	4
Yes	1	93	3.8
No	2	2350	95.6

TOTAL		2457	100.0
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[B0141] If yes to [B0140], was it momentary ?

Not stated	-3	7	.3
Not known	-2	9	4
Not applicable	-1	2350	95.6
Yes	1	45	1.8
No	2	46	1.9

TOTAL		2457	100.0
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[B0142] If yes to [B0140], was it for less than 10 minutes ?

Not stated	-3	7	3
Not known	-2	9	4
Not applicable	-1	2350	95.6
Yes	1	36	1.5
No	2	35	2.2

TOTAL		2457	100.0
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[B0143] If yes to [B0140], was it for 10 or more minutes?

Not stated	-3	7	3
Not known	-2	9	.4
Not applicable	-1	2350	95.6
Yes	1	17	.7
No	2	74	3.0
<hr/>			
TOTAL		2457	100 0
<hr/>			

 "Where applicable give cause "

[B0144] First cause stated

Not stated	-3	15	.6
Not known	-2	8	.3
Not applicable	-1	2351	95.7
Upper respiratory infection	10	5	.2
Otitis media	11	3	.1
Teething	12	3	.1
Fall	14	18	.7
Head injury	15	2	.1
Calcium deficiency	16	1	.0
Breath-holding	18	19	.8
Tonsillitis	20	4	.2
Convulsion	22	2	.1
Cerebral haemorrhage	23	1	.0
Urinary infection	24	1	.0
Meningitis	25	1	.0
Food stuck in throat	26	1	.0
Gastro-enteritis	29	1	0
Acute salmonella infection	30	1	.0
Accidental drug overdose	31	1	0
Influenza	32	1	.0
Sub-dural haematoma	33	1	.0
Pyrexia	34	13	.5
Temper tantrums	35	1	.0
Colic	36	1	.0
Whooping cough	37	2	.1
<hr/>			
TOTAL		2457	100.0
<hr/>			

[B0145] Second cause stated

Not stated	-3	79	3.2
Not known	-2	6	2
Not applicable	-1	2352	95.7
Upper respiratory infection	10	1	0
Otitis media	11	3	1
Immunisation reaction	13	1	0
Head injury	15	1	.0
Tonsillitis	20	3	.1
Cyanosis	28	2	1
Pyrexia	34	8	.3
Septicaemia	41	1	.0
TOTAL		2457	100.0

[B0146] Third cause stated

Not stated	-3	96	3.9
Not known	-2	6	2
Not applicable	-1	2352	95.7
Upper respiratory infection	10	1	.0
Teething	12	1	.0
Pyrexia	34	1	0
TOTAL		2457	100.0

[B0149] Q20 "Has the child ever attended a hospital casualty department, a hospital outpatients department or seen a hospital specialist privately?"

Not stated	-3	10	4
Not known	-2	7	.3
Yes	1	919	37.4
No	2	1521	61.9
TOTAL		2457	100.0

[B0150] Q21 "Has the child had any hospital in-patient care?"

Not stated	-3	8	.3
Not known	-2	8	.3
Yes	1	352	14.3
No	2	2089	85.0
TOTAL		2457	100.0

Q22 "Has the child had any of the following illnesses?"

[B0151] Measles

Not stated	-3	35	1.4
Not known	-2	19	.8
Yes	1	246	10.0
No	2	2157	87.8
TOTAL		2457	100.0

[B0152] Mumps

Not stated	-3	37	1.5
Not known	-2	20	.8
Yes	1	17	.7
No	2	2383	97.0
TOTAL		2457	100.0

[B0153] Whooping cough

Not stated	-3	37	1.5
Not known	-2	20	.8
Yes	1	73	3.0
No	2	2327	94.7
TOTAL		2457	100.0

[B0154] Chicken pox

Not stated	-3	37	1.5
Not known	-2	19	.8
Yes	1	111	4.5
No	2	2290	93.2
TOTAL		2457	100.0

[B0155] Has child had any other illnesses?

Not stated	-3	37	1.5
Not known	-2	21	.9
Yes	1	349	14.2
No	2	2050	83.4
TOTAL		2457	100.0

(Other illnesses have been coded verbatim. These variables should be used with caution).

[B0156] Other illness - 1st given

Not stated	-3	46	1.9
Not known	-2	15	.6
Not applicable	-1	2050	83.4
Scarlatina	10	7	.3
Chest infection	11	7	.3
Rubella	12	133	5.4
Gastro-enteritis	13	25	1.0
Tonsillitis	14	26	1.1
Meningitis	15	4	.2
Pneumonia	16	10	.4
Bronchitis	17	51	2.1
Bronchopneumonia	18	1	.0
Eczema	19	17	.7
Asthma	20	4	.2
Croup	21	13	.5
Viral infection	22	1	.0
Dysentery	23	3	.1
Influenza	24	7	.3
Bell's palsy	25	1	.0
Salmonella	26	1	.0
Throat infection	27	4	.2
Conjunctivitis	28	3	.1
Otitis media	29	10	.4
Wheezy illnesses	30	4	.2
Ear infection	31	3	.1
Thrush	32	1	.0
Diarrhoea & vomiting	33	2	.1

	54		
Gastritis	35	1	.0
Ear abscess	36	1	.0
Gastric flu.	37	1	.0
Urinary tract infection	38	1	.0
Roseola infantum	39	2	.1
Epistaxis	40	1	.0
Reaction to immunisation	41	1	.0
	<hr/>		
TOTAL	2457	100.0	
	<hr/>		

[B0157] Other illness - 2nd given

Not stated	-3	368	15.0
Not known	-2	15	.6
Not applicable	-1	2050	83.4
Gastro-enteritis	13	1	.0
Tonsillitis	14	2	.1
Meningitis	15	1	.0
Pneumonia	16	1	.0
Bronchitis	17	5	.2
Eczema	19	1	.0
Asthma	20	1	.0
Croup	21	1	.0
Influenza	24	1	.0
Salmonella	26	1	.0
Conjunctivitis	28	1	.0
Otitis media	29	4	.2
Wheezy illnesses	30	1	.0
Diarrhoea + vomiting	33	1	.0
Colic	34	1	.0
Urinary tract infection	38	1	.0
	<hr/>		
TOTAL	2457	100.0	
	<hr/>		

[B0158] Other illness - 3rd given

Not stated	-3	389	15.8
Not known	-2	15	.6
Not applicable	-1	2050	83.4
Tonsillitis	14	1	.0
Eczema	19	1	0
Throat infection	27	1	0
	<hr/>		
TOTAL	2457	100 0	
	<hr/>		

Eyes

[B0161] "Evidence of squint ?"

Unable to examine	-6	28	1.1
Not stated	-3	9	.4
Not known	-2	3	1
Yes	1	109	4.4
No	2	2308	93.9

TOTAL		2457	100.0
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[B0162] "Evidence of other visual defects ?"

Unable to examine	-6	183	7.4
Not stated	-3	165	6.7
Not known	-2	5	.2
Yes	1	31	1.3
No	2	2073	84.4

TOTAL		2457	100 0
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Hearing

[B0163] "Evidence of hearing loss ?"

Unable to examine	-6	72	2.9
Not stated	-3	81	3.3
Not known	-2	4	.2
Yes	1	39	1.6
No	2	2261	92.0

TOTAL		2457	100 0
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Q24 Respiratory disease

[B0164] "Evidence of respiratory disease ?"

Unable to examine/refused	-6	45	1.8
Not stated	-3	14	.6
Yes	1	353	14.4
No	2	2045	83.2

TOTAL		2457	100.0
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[B0165] Respiratory disease coded using adapted I C.D.
 IX* - 1st condition given (string variables -
 i.e. alphanumeric)

Not stated	-3	5	.2
Not applicable	-1	2104	85.6
ICD Codes	289.3	1	.0
	382.9	1	.0
	460	155	6.3
	461.9	1	.0
	462	2	.1
	463	4	.2
	464.4	1	.0
	466.0	1	.0
	471.1	1	.0
	472.0	26	1.1
	473.9	1	.0
	474 1	9	.4
	478.1	1	.0
	484.3	1	.0
	485	1	.0
	487.1	5	.2
	490	34	1.4
	490 3	88	3 6
	784.9	1	.0
	786.0	3	1
	786.2	4	.2
	786.7	7	.3

TOTAL		2457	100.0
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* see separate booklet ICD IX ADAPTED CODES

- - - - -

[B0166] Respiratory disease coded using adapted I.C.D.
IX - 2nd condition given (string variables)

Not stated	-3	264	10.7
Not applicable	-1	2104	85.6
ICD Codes	054.9	1	.0
	372.0	1	.0
	382.9	1	.0
	384.8	3	.1
	460	8	.3
	462	5	.2
	463	5	.2
	464.4	1	0
	472.0	5	.2
	474.1	7	.3
	477.9	2	.1
	487.1	3	.1
	490	7	.3
	490.3	6	.2
	519.8	5	.2
	520.7	1	.0
	784.9	3	1
	785.6	2	.1
	786.0	2	.1
	786.2	6	.2
	786.7	15	6

TOTAL		2457	100.0
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[B0167] Respiratory disease coded using adapted I.C.D.
IX - 3rd condition given (string variable)

Not stated	-3	335	13.6
Not applicable	-1	2104	85.6
ICD Code	372.0	1	.0
	373.0	1	.0
	460	1	.0
	462	1	.0
	465.8	1	.0
	472.0	3	.1
	474.1	1	.0
	490	1	0
	490.3	1	0
	519.1	1	0
	780.6	1	.0
	784.9	2	.1
	785.6	2	.1
	999.5	1	0

TOTAL		2457	100.0
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Q25 General muscle tone

[B0168] Right upper limb

Unable to assess	-6	53	2.2
Not stated	-3	94	3.8
Not applicable	-1	1	.0
Normal	1	2295	93.4
Hypotonic	2	11	.4
Hypertonic	3	3	.1
TOTAL		2457	100.0

[B0169] Left upper limb

Unable to examine	-6	52	2.1
Not stated	-3	98	4.0
Normal	1	2292	93.3
Hypotonic	2	11	.4
Hypertonic	3	4	.2
TOTAL		2457	100.0

[B0170] Right lower limb

Unable to examine	-6	52	2.1
Not stated	-3	103	4.2
Normal	1	2285	93.0
Hypotonic	2	15	.6
Hypertonic	3	2	.1
TOTAL		2457	100.0

[B0171] Left lower limb

Unable to examine	-6	51	2.1
Not stated	-3	107	4.4
Normal	1	2281	92.8
Hypotonic	2	15	.6
Hypertonic	3	3	.1
TOTAL		2457	100.0

[B0172] Evidence of cerebral palsy ?

Unable to examine	-6	36	1.5
Not stated	-3	98	4.0
Yes	1	7	.3
No	2	2313	94.1
Questionable signs	3	3	.1
<hr/>			
TOTAL		2457	100.0

Q26 Congenital abnormalities

(Congenital abnormalities have been coded verbatim. No editorial decision has been taken as to what should or should not be included here. The variables should be used with caution.)

[B0177] Any congenital abnormalities ?

Unable to examine	-6	1	.0
Not stated	-3	41	1.7
Not known	-2	1	.0
Yes	1	188	7.7
No	2	2226	90.6
<hr/>			
TOTAL		2457	100.0

[B0178] Congenital abnormality coded using adapted I.C.D. IX - first given (string variables)

Not applicable	-1	2269	92.3
ICD Codes	090.9	1	.0
	216.3	4	.2
	216.4	1	.0
	216.5	1	.0
	216.7	3	.1
	216.9	1	.0
	228.0	9	.4
	228.1	1	.0
	229.8	2	.1
	277.0	1	.0
	358.8	1	.0
	368.1	1	.0
	374.3	1	.0
	389.1	1	.0
	389.9	1	.0
	455.9	1	.0
	520.1	1	.0
	524.3	1	.0
	524.5	1	.0
	550.9	13	.5
	553.1	9	.4

579.0	1	.0
605	1	.0
608.8	1	.0
685.1	1	.0
691.8	2	.1
735.1	1	.0
741.0	2	.1
742.1	2	.1
742.3	2	.1
743.1	1	.0
743.3	2	.1
743.6	8	.3
743.9	1	.0
744.0	1	.0
744.2	1	.0
745.4	2	.1
746.8	4	.2
746.9	1	.0
747.0	1	.0
747.3	1	.0
749.1	1	.0
749.2	3	.1
750.0	1	.0
750.3	2	.1
750.5	1	0
750.6	2	.1
752.4	1	.0
752.5	5	.2
752.6	1	.0
752.8	1	.0
753.0	1	.0
753.2	1	.0
754.2	1	.0
754.3	11	.4
754.5	3	1
754.6	2	.1
754.7	10	.4
755.0	4	.2
755.1	1	.0
755.2	3	1
755.3	1	.0
755.5	2	1
755.6	10	.4
756.0	1	.0
756.1	1	.0
756.3	1	.0
756.8	2	.1
757.3	8	.3
757.6	3	1
758.0	2	.1
778.6	4	.2
783.4	1	.0
785.2	6	.2

TOTAL

2457

100 0

[B0179] Congenital abnormality coded using adapted
I.C.D IX - second given (string variables)

Not applicable	-1	2421	98.5
ICD Codes	216.5	1	.0
	228.0	1	.0
	229.9	1	.0
	318 1	1	.0
	369 0	1	.0
	379.5	1	.0
	429.3	1	.0
	524 4	1	.0
	550.9	2	.1
	605	1	.0
	608.8	1	.0
	691.8	1	.0
	741.9	1	.0
	742.1	1	.0
	743.3	1	.0
	743 6	2	.1
	744.0	1	.0
	744.2	1	.0
	744.4	1	.0
	752.5	1	.0
	754.0	1	.0
	754.7	3	.1
	755.3	1	.0
	755.6	2	.1
	755.9	1	.0
	756.0	1	.0
	756.1	1	.0
	757.3	1	.0
	785.2	2	.1
	785.9	1	.0

TOTAL		2457	100.0
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[B0180] Congenital abnormality coded using adapted
I.C.D. IX - third given (string variables)

Not applicable	-1	2446	99.6
ICD Code	315.9	1	.0
	367.0	1	.0
	379.5	1	.0
	425.3	1	.0
	608.8	1	.0
	735.1	1	.0
	737.9	1	.0
	738.7	1	.0
	754.3	1	.0
	755 6	1	.0
	756 0	1	.0

TOTAL		2457	100.0
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[B0181] Congenital abnormality coded using I.C.D. IX
- fourth given (string variables)

Not applicable	-1	2455	99.9
ICD Codes	416.0	1	.0
	756.4	1	.0

TOTAL		2457	100.0
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[B0190] Place of examination

Not stated	-3	50	2.0
Hospital	1	5	.2
Health centre	2	1585	64.5
G.P.'s surgery	3	12	.5
Child's home	4	683	27.8
Child's school	5	57	2.3
Other	6	65	2.6

TOTAL		2457	100.0
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[B0191] Status of examiner

Not stated	-3	32	1.3
Senior medical officer	1	495	20.1
Medical officer	2	1357	55.2
Assistant medical officer	3	469	19.1
General practitioner	4	47	1.9
Health visitor	5	29	1.2
Other	6	28	1.1

TOTAL		2457	100.0
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BRITISH BIRTHS CHILD STUDY

PAEDIATRIC UNIT, ST. MARY'S HOSPITAL MEDICAL SCHOOL
LONDON, W 2

This questionnaire has been designed for use with children aged 22 months who may well not co-operate. It may be necessary to modify the order but the questions themselves should not be changed. It would be advisable for the doctor completing the form to become acquainted with it beforehand. If the child refuses any of the developmental tests or physical examination, this should be recorded.

SECTION 1 has a few questions on home background and social class. These are limited as much is already known from the British Births Survey.

SECTION 2 consists of a developmental screening test which should be completed by the doctor. Questions directed to the MOTHER should be asked of the person accompanying the child (even if this is not the child's mother). For question 10(A) nine or ten 1 in cubes will be required. For question 10(B) special sheets of paper are provided. Ensure before starting that you have these and a pencil. Record the results on the special sheets and RETURN WITH THE FORM.

SECTION 3 concerns the medical examination of the child. The physical measurements are important. For the head circumference a paper tape measure is provided. If the child is examined at home, bathroom scales are not accurate enough for the enquiry. Please try to get the child weighed at a clinic or elsewhere, where accurate scales are available. Space is provided in Part B for any information which the examiner may consider helpful in assessing the progress of the child.

Most questions are pre-coded and these should be answered by ringing one or more numbers as appropriate.

SECTION 1

1 Name and Address:

Survey No. (if known) _____

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use only

Surname of Child _____ First Names _____

Present Address _____

Local Health Authority Area _____

1-5				

6-7	

2 Date of birth of child:

_____/April/1970

For Office
use only

12-13	

3 Is the child accompanied by:

Mother _____ 1
Other adult (specify) _____ 2

14

4 Does the family live in:

Whole house _____ 1
Self contained flat/maisonette _____ 2
Rooms _____ 3
Other (specify) _____ 4

Not known _____ 0

If not a whole house, on which floor?

Below street level _____ 1
Street level/ground floor _____ 2
Above ground floor (specify) _____ 3

Not known _____ 0

5 Is there a garden to play in?

Yes _____ 1
No _____ 2
Not known _____ 0

If NO, what facilities are used?

17-18	

6 Does the child sleep in a room:

On his own _____ 1
With brothers and/or sisters _____ 2
With father and/or mother _____ 3
With others (specify) _____ 4

Not known _____ 0

19

7 Occupations

Father of child

Present occupation, including a brief description of his actual work

8-11				

Is he self-employed?

Yes

Working on his own _____ 1
Employing less than 25 persons _____ 2
Employing 25 or more persons _____ 3

No

Supervising others (e.g. foreman
manager) _____ 4
Not supervising others _____ 5
Not known _____ 0

Is he employed at present?

Yes _____ 1
No _____ 2
Not known _____ 0

20-23				

Mother of child

Is the mother working?

Yes
Full-time _____ 1
Part-time _____ 2
No _____ 3
Not known _____ 0

24

8 Smoking

Mother's smoking habit

Never smoked _____ 1
Smoked but now given up _____ 2
Smokes now _____ 3
Not known _____ 0

If given up, when did she last smoke?

25-28				

How many a day does/did she smoke?

1-4 _____ 1
5-14 _____ 2
15-24 _____ 3
25 or more _____ 4
Not known _____ 0

29

SECTION 2

Gross Locomotor

If the child refuses ring Not known' (N/K) under examiner's observation

Can he walk holding the furniture?

	Yes	No	N/K
Mother's reply	1	2	0
Examiner's observation	1	2	0

Can he walk on his own (at least 10 steps)?

	Yes	No	N/K
Mother's reply	1	2	0
Examiner's observation	1	2	0

Can he balance on one foot for one second? (Demonstrate and give three trials)

	Yes	No	N/K
Mother's reply	1	2	0
Examiner's observation	1	2	0

Can he jump in one place? (Demonstrate and give three trials)

	Yes	No	N/K
Mother's reply	1	2	0
Examiner's observation	1	2	0

11 Speech and language

Ask the MOTHER

Can he say 'Ma-ma'? Yes _____ 1
No _____ 2
Not known _____ 0

Does he associate it with his mother?

Yes _____ 1
No _____ 2
Not known _____ 0

Can he say 'Da-da'? Yes _____ 1

No _____ 2
Not known _____ 0

Does he associate it with his father?

Yes _____ 1
No _____ 2
Not known _____ 0

Does he say other words clearly, and with meaning?

Yes _____ 1
No _____ 2
Not known _____ 0

If less than five, specify

Does he put two words together?

Yes _____ 1
No _____ 2
Not known _____ 0

Does he say sentences of three words or more?

Yes _____ 1
No _____ 2
Not known _____ 0

Ask the CHILD to show you his

Hair	_____ 1
Ring items	_____ 2
correctly	_____ 3
Mouth	_____ 4
pointed out	_____ 5
Feet	_____ 6

Ask the MOTHER Which of these items not ringed can he do at home?

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30-31

32-33

34-35

36-37

38

39

40

41

42

43-44

10 Fine Locomotor

A. Use of cubes Let the child play with the 1 in cubes then demonstrate a tower He must release each cube so the tower remains balanced Allow three attempts

Number of cubes in tallest tower _____
Child refused _____ 0

B Use of pencil and paper

Ask the MOTHER Does he use a pencil and paper at home?

Yes _____ 1
No _____ 2
Not known _____ 0

Give the CHILD a pencil and follow the instructions on the special papers provided whether or not he has used a pencil before

PLEASE RETURN PAPERS WITH THE FORM

12 Personal and social

Give the CHILD the following commands: For the third item the examiner should NOT hold out a hand for the pencil

Give Mummy the pencil _____ 1
Put the pencil on the chair _____ 2
Give me the pencil _____ 3
Put the pencil on the table _____ 4

Ring the items he was able to do

Ask the MOTHER Which of these items not ringed can he do at home?

Ask the MOTHER whether he will fetch objects at home

	Yes	No	N/K
In sight	1	2	0
Out of sight	1	2	0

Is he able to feed himself with a spoon, holding it level?

Yes _____ 1
No _____ 2
Not known _____ 0

Can he take off his shoes (if unlaced)?

	Yes	No	N/K
Mother's reply	1	2	0
Examiner's observation	1	2	0

Can he put on his shoes (unlaced and not necessarily on the correct foot)?

	Yes	No	N/K
Mother's reply	1	2	0
Examiner's observation	1	2	0

Can he take off his pants?

	Yes	No	N/K
Mother's reply	1	2	0
Examiner's observation	1	2	0

Can he put on his pants (either way round)?

	Yes	No	N/K
Mother's reply	1	2	0
Examiner's observation	1	2	0

13 General

How co-operative was the child?

Do you feel that the child was able to do more than he did during the test?

Did he show any abnormal behaviour?

Mouthing _____ 1
Casting _____ 2
Rocking _____ 3
Head banging _____ 4
Other (specify) _____ 5

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47-48

49

50-53

54-57

58-59

60

61-62

63-64

65-66

67-68

69-72

73-76

77-80

SECTION 3

PART A

Measurements

Weight *N.B. Weigh in vests and pants only*

lb _____ oz or _____ kg

Were there any difficulties in weighing, e.g. child refused to stand still, scales, etc.?

Height *This is a difficult measurement. If possible record both standing height and recumbent length*

Standing height without shoes

ft _____ in or _____ cm

Recumbent length *Use a rigid surface. Mark the position of the heels and top of the head and measure the distance between them*

ft _____ in or _____ cm

Head circumference *With the paper measure provided measure around forehead and occiput recording maximum circumference. It is important to be as accurate as possible*

_____ cm

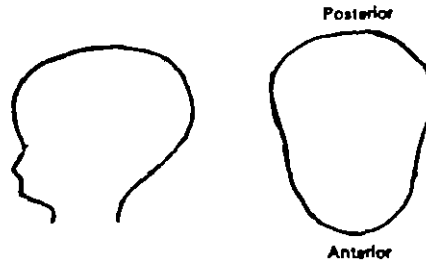
Are the fontanelles closed?

Yes _____ 1

No _____ 2

Unable to examine _____ 0

Indicate on the diagram any abnormalities of shape



Were there any difficulties in measuring, e.g. hair style?

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6-7

8-11

12-14

15-17

18-20

21-24

15 Has he any brothers and/or sisters?

Yes _____ 1

No _____ 2

Not known _____ 0

if YES, state year(s) of birth

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25-28

16 Is the child cared for:

	Full-time	Part-time
In a day nursery _____	1	1
In a play group _____	2	2
By a child-minder _____	3	3
In a residential nursery _____	4	4
At home _____	5	5
Elsewhere (specify) _____	6	6

29-30

17 Was the child born in hospital?

Yes _____ 1

No _____ 2

Not known _____ 0

If YES, give length of stay after birth

(a) The mother _____

(b) The child _____

if they did not leave at the same time, or were separated, give the reasons

31

32-35

36-37

38

39-42

43-46

18 Has the child had any fits or convulsions since birth?

Yes _____ 1

No _____ 2

Not known _____ 0

If YES How often _____

Date of first _____

Date of most recent _____

Cause _____

19 Has the child lost consciousness for any reason?

No _____ 1

Momentarily _____ 2

Unconscious

Less than 10 minutes _____ 3

10 minutes or more _____ 4

Not known _____ 0

Where applicable give cause

47-48

20 Has the child ever attended a hospital casualty department, a hospital out-patients department or seen a hospital specialist privately?

Yes _____ 1

No _____ 2

Not known _____ 0

If YES, give name of hospital, department, date and reason

49-52

21 Has the child had any hospital in-patient care?

Yes _____ 1

No _____ 2

Not known _____ 0

If YES, give name of hospital, date and reason

53-56

22 Has the child had any of the following illnesses?

Measles _____ 1

Mumps _____ 2

Whooping Cough _____ 3

Chicken pox _____ 4

None of the above _____ 5

Not known _____ 0

Other (specify) _____ 6

57-58

senses

Eyes

23 Evidence of squint

Yes _____ 1
No _____ 2
Unable to examine _____ 0

Other visual defects

Yes _____ 1
No _____ 2
Unable to examine _____ 0

If YES, specify in Part B, including any tests and results.

Hearing

Evidence of hearing loss

Yes _____ 1
No _____ 2
Unable to examine _____ 0

If YES, specify in Part B, including any test and results.

24 Respiratory disease

Evidence of respiratory disease

Yes
Upper tract _____ 1
Lower tract _____ 2
No _____ 3
Unable to examine _____ 0

If YES, specify findings in Part B

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69-81		

82

25 Cerebral palsy

General muscle tone

	Upper limbs		Lower limbs	
	Right	Left	Right	Left
Normal _____	1	1	1	1
Hypotonic _____	2	2	2	2
Hypertonic _____	3	3	3	3
Unable to assess _____	0	0	0	0

Evidence of cerebral palsy

Yes _____ 1
No _____ 2
Unable to examine _____ 0

If YES, specify in Part B

26 Congenital abnormalities

None _____ 0
Hydrocephalus _____ 1
Meningo-myelocoele _____ 2
Down's syndrome _____ 3
Talipes _____ 4
Congenital dislocation of the hip _____ 5
Limb defects _____ 6
Congenital heart disease _____ 7
Other _____ 8

Please give details in Part B

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63-66			

67

68-69	

PART B

Please describe the general appearance of the child and give details of any abnormalities or diseases here, including any not specified above.

70-73			

74-77			

78-80			

Date of examination _____ / _____ / 1972

Completed by _____
(Block capitals, please)

Place of examination _____

Position _____

Please check that all the items on the form have been completed and that the special papers for question 10 are with the form.

We are grateful for the time you have given. Thank you for your help.

PLEASE RETURN THESE SHEETS WITH THE FORM

Name of child

Number

Question 10B USE OF PENCIL AND PAPER

- (a) Allow the child to scribble spontaneously in the space below
If he does not do so on his own, show him how to do so

SCORE	Scribbled spontaneously	1
	Scribbled after demonstration	2
	Refused	3

Name of child

Number

- (b) Show the child how to draw with a circular motion. Ask him to do the same.
If he does not copy you repeat once again.

PLEASE LABEL YOUR DRAWING AND THE CHILD'S ATTEMPTS

SCORE	Drew using a circular motion	1
	Scribbled only	2
	Refused	3

Name of child

Number

(c) Show the child how to make a vertical line. Move the pencil towards the child, emphasising the direction with a whole arm movement.

If the child does not copy, repeat once again.

PLEASE LABEL YOUR LINES AND THE CHILD'S ATTEMPTS

SCORE	Made a definite stroke	at first attempt	1
		at second attempt	2
	Scribbled vertically	at first attempt	3
		at second attempt	4
	Scribbled only		5
	Refused		6

Name of child

Number

(d) Show the child how to draw a cross, i.e.
If he does not copy you repeat once again



PLEASE LABEL YOUR DRAWING AND THE CHILD'S ATTEMPTS

SCOPE	Drew two lines which crossed at some point	1
	Any other drawing	2
	Refused	3