1970 British Cohort Study
Twenty six-year Follow-up

Guide to data available at the ESRC Data Archive

Prepared by
Sofia Despotidou
Peter Shepherd
1970 British Cohort Study (BCS70)

Twenty six-year Follow-up

A Guide to the BCS70 26-year Data

available at the

Economic and Social Research Council Data Archive

Deposited by: John Bynner,
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The preparation for the 1970 Birth Cohort Study (BCS70) was originally laid down in the British Births Study. This was organised and funded mainly by the National Birthday Trust and the Royal College of Obstetricians. The Medical Research Council (MRC) funded sample follow-ups at 22 and 42 months both directed by Dr Chamberlain. Neville Butler directed the 5-year, 7-year, 10-year and subsequently the 16-year follow-ups. John Bynner has directed subsequent follow-ups at 21 years (a 10 per cent sample) and 26 years.

The Twenty-six year Follow-up was funded mainly by a grant from the Economic and Social Research Council, with additional contributions from the Royal Free Hospital and the International Centre for Child Studies.

The following SSRU staff were involved in the design of the survey instrument, and the preliminary analysis of the data: John Bynner, Heather Joshi, Peter Shepherd, Else Ferri, Richard Wiggins, Ingrid Schoon, Mel Bartley, Neville Butler, Scott Montgomery, Kate Smith, Samantha Parsons, and Sofia Despotidou. Denise Brown, Kevin Dodwell, Mary Ukah, Farnaz Farahmand, Alex Gayler, Maryam Ameri undertook the tracing of the cohort members, and the coding of open-ended questions. Kate Smith was responsible for the creation of the SPSS dataset, and initial data cleaning at SSRU; and Sofia Despotidou undertook further checking and updating.

The MORI research organisation undertook the mailing of the questionnaires, their receipt, and checking, and the initial data entry and data cleaning; and Eurodata were responsible for the keying the text of the open-ended questions.
Preface

This document is a guide to the 1970 British Cohort Study (BCS70) Twenty six-year Follow-up. It is designed to accompany the first deposit of data from this survey with the Economic and Social Research Council Data Archive, at the University of Essex. The documentation and data have been prepared by the Social Statistics Research Unit (SSRU) at City University which took over responsibility for BCS70 in 1991.

In Section 1, a short history is given of the whole longitudinal study. This is followed by a more detailed account of the twenty-six-year survey begun in 1996. Section 2 provides an in-depth guide to using the 26-year data, outlining amongst other issues, the data cleaning policy, response bias and reliability of specific questions. In Section 3 the annotated questionnaire is reproduced. In Section 4, there are 4 appendices. The first gives a summary of topics available. The second appendix is the list of publications. The third is a coding frame for the open-ended questions.

Everyone is strongly advised to read Section 1 first, as the historical context facilitates a clearer interpretation of the data.
**Summary of the Data Deposit**

**1970 Birth Cohort Study: Twenty six-year Follow-up**

Principal Investigator: John Bynner, Director, Social Statistics Research Unit, City University, EC1V OHB.

Original Organisation: City University, Social Statistics Research Unit

Depositor: John Bynner, Director, Social Statistics Research Unit, City University, EC1V OHB.

Documentation: Prepared at SSRU by Sofia Despotidou and Peter Shepherd.

Acknowledgements: Fieldwork, data entry and initial data cleaning: MORI
Text entry: Eurodata

**Purpose**
To review and evaluate young adults’ (26 year) health, care, education, social and family environment throughout Great Britain, as experienced by the cohort of children born in the week 5-11 April 1970.

**Variables**
One survey instrument was used:
Self-Completion Questionnaires (Cohort)

**Population**
Children born 5-11 April 1970.

**Sampling Procedures**
An attempt was made to trace all children born 5-11 April 1970 through the co-operation of the Driver and Vehicle Licensing Agency, the Family Health Service Authorities and Scottish Health Boards. 56% of the 1970 Cohort were traced and completed one or more survey documents.

Cases (target): 13,475 (those with current address available)

Cases (obtained): 9,003

Method of Data Collection: Self-completion questionnaire (Cohort).

Date of Data Collection: 1996
SECTION 1

INTRODUCTION TO
THE 1970 BRITISH COHORT STUDY,
WITH PARTICULAR REFERENCE
TO THE
TWENTY-SIX YEAR FOLLOW-UP
INTRODUCTION

1.1 Britain has a unique tradition in conducting longitudinal birth cohort studies. Three continuing studies have been embarked upon. These were in 1946 (National Survey of Health and Development, NSHD), in 1958 (National Child Development Study, NCDS), and in 1970 (the 1970 British Cohort Study, BCS70). Each was launched as a study of antenatal/postnatal service provision, and morbidity or perinatal mortality. All three studies collected information about almost all births occurring nationwide in a target week in 1946 (NSHD, n=13,687), in 1958 (NCDS, n=17,414), and in 1970 (BCS70, n=17,198) respectively. Each study has subsequently carried out multidisciplinary follow-up surveys (or sweeps) on health, education, family and social influences at various ages (Douglas, 1964; Douglas et al 1968; Wadsworth 1979, 1991; Butler and Bonham, 1963; Butler and Alberman, 1969; Davie et al, 1972; Fogelman, 1976, 1983; Ferri, 1993; Chamberlain et al, 1973, 1975; Osborn et al, 1984). The studies present individually and in combination an unprecedented opportunity to investigate the forces and patterns that have shaped and continue to shape the lives of three overlapping generations of people living in Great Britain.

1.2 This document is designed to accompany the deposit of data from the BCS70 Twenty-six-year Follow-up with the Economic and Social Research Council Data Archive at the University of Essex. The deposit of this data means that the Data Archive now holds data for the complete longitudinal record from birth to twenty six - data from the other BCS70 follow-ups having been deposited some time ago. Data from the 21-year sample survey will be deposited in the near future.

1.3 The present section is in two parts. The first provides details of the background to BCS70 in general, and describes the availability of the data, and some of the publications arising from research using the BCS70 data. The second, focuses on the BCS70 Twenty six-year Follow-up in particular, providing details of the design and conduct of the survey, and the initial data preparation. Later sections provide a guide to using the 26-year data, and annotated copy of the survey instrument employed. An outline of additional data cleaning and documentation undertaken by the Social Statistics Research Unit (SSRU) is also included.

The documentation and data have been prepared by the Social Statistics Research Unit at City University, which is responsible for BCS70, as well as for NCDS.

BACKGROUND TO THE 1970 BRITISH COHORT STUDY

Outline of the Longitudinal Study

1.4 BCS70 began in 1970 when data were collected about the 17,198 babies born in England, Scotland, Wales and Northern Ireland in the week 5-11 April. At this time, the study was named the British Births Survey (BBS) and it was sponsored by the National Birthday Trust Fund, in association with the Royal College of Obstetricians and Gynaecologists. Since 1970, there have been four attempts to gather information from the full cohort - when they were aged 5, 10, 16 and 26 years.

1.5 As Table 1.1 shows, information has been obtained from a number of different sources, and by varying types of instrument. With each successive attempt, the scope of enquiry has broadened from a strictly medical focus at birth, to encompass physical and educational development at the age of five, and physical educational and social development at the age of ten. This wider and more comprehensive approach has been adopted subsequent to the Ten-year Follow-up, namely in the 16-year and 26-year sweeps.

1.6 In the birth survey, information was collected by means of a questionnaire completed by the midwife present at the birth, and supplementary information was obtained from clinical records. The five-year and ten-year follow-ups were carried out by the Department of Child Health, Bristol University and the survey at these times was named the Child Health and Education Study (CHES). On both occasions parents of the cohort members were interviewed by Health Visitors, the children themselves undertook tests of ability, and the school health service gathered medical information on each child. This was supplemented at ten years by information gathered on a questionnaire completed by head and class teachers, and the children had completed a medical examination. In 1975 and 1980, the cohort was augmented by the inclusion of immigrants to Britain who were born in the target week in 1970. Subjects from Northern Ireland who had been included in the birth survey, were dropped from the study in all subsequent sweeps.
The sixteen year follow-up was carried out by the International Centre For Child Studies and named Youthscan. In this sweep, sixteen separate survey instruments were employed, including parental questionnaires, head and class teacher questionnaires and medical examinations. The cohort members completed questionnaires, kept two four-day diaries and undertook some educational assessments.

The twenty six year follow-up was carried out by the Social Statistics Research Unit, City University and it was now called the BCS70 26 year survey.

Table 1.1: BCS70 Follow-ups and sources of information 1970-1996

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<tr>
<td>16,135 *</td>
<td>13,135</td>
<td>14,875</td>
<td>11,628</td>
<td>9,003*</td>
</tr>
<tr>
<td>98%**</td>
<td>80%</td>
<td>93%</td>
<td>72%</td>
<td>56%</td>
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Notes: * Achieved Sample - at least one survey instrument partially completed. (The figure for the BBS comprises cohort members living in GB known to be alive at the end of one week).

** Per cent response.

1.7 In addition to the five major sweeps shown above, surveys of sub-samples were carried out in 1972, 1973, 1977 and 1991. In 1972 and 1973 the British Births Child Survey took as its subjects three sub-samples; all twins in the original cohort were included as were low birthweight and post-mature births. A random ten per cent sample of the original cohort acted as a control group. The South-West Region Survey, carried out at the age of 3 1/2 surveyed ninety five per cent of the cohort members who lived in the south west of England and Glamorgan, South Wales. These smaller scale surveys were undertaken in order to bridge what was a large gap in child development terms between birth and five years of age (when the next full sweep was planned). In 1977, an attempt was made to obtain details about those who had not responded in the five-year survey. A postal questionnaire was completed by parents of 1,917 of the non-responders. At age 21 a ten per cent sample survey consisting of 1,600 cases was carried out which focused on adult literacy and numeracy problems in young adults as well as investigating the transition from education to employment.

Availability of Data

1.8 Data for the birth survey, the 22-month and 42-month sample surveys, the five-year, the ten-year, and sixteen-year follow-ups are already lodged at the ESRC Data Archive and are available to the research community for analysis.

1.9 Data for the twenty-one-year sample survey are currently being prepared by SSRU, and will be deposited with the ESRC Data Archive upon completion.

A fully documented database containing all BCS70 data, is now being prepared by SSRU and will be made available via the ESRC Data Archive. Until data are generally available in this way, it is possible to obtain data not already lodged with the Data Archive from the SSRU directly - see paragraph 1.35 below for more details.

Some Examples of Published Material
1.10 Wide-ranging use has already been made of the data arising from the birth survey and the five follow-ups of BCS70. It is not within the scope of this document to review the literature, but it is useful when considering the background to the project to mention some key works. The birth sweep provided a valuable insight into the patterns at that time of obstetric and neonatal care in the United Kingdom (Chamberlain et al 1973, 1975). The birth and five-year findings relating to health were discussed in Butler, Golding and Howlett's (1986) *From Birth to Five: A Study of the Health and Behaviour of Britain's 5-Year Olds*, and general findings from the first two sweeps were also outlined in a book written by Osborn, Butler and Morris (1984). Chamberlain and Simpson (1979) also concentrated on the health data arising from the birth, 22 and 42 month surveys in their book *The Prevalence of Illness in Childhood*. An account of early findings from the 26-year follow-up is given in *Twenty-Something in the 1990s*, Bynner, et al. (1997).

1.11 In addition to these general accounts of the findings of BCS70, a number of specific projects have been undertaken in a wide range of fields. In the area of health, investigations have ranged from vision problems (Atkinson and Butler, 1985; Stewart-Brown, 1986) to childhood accidents (Bijur, 1984; Wadsworth et al, 1983a), appendicitis (Barker et al, 1988), breast-feeding (Taylor et al, 1983a, 1984) teenage mothering (Taylor et al, 1983b; Wadsworth et al, 1983b) and much more. Special educational problems and needs have formed the scope of some of the research arising from the BCS70 data. For example, Haslum and Butler (1985) considered the special education needs of ten year olds, and Rodgers (1983) investigated the prevalence of reading retardation. Different forms of social behaviour and their influence on health and development have also been investigated. Rush and Cassano (1983) considered the influence of parental smoking on perinatal mortality; Haslum, Morris and Golding (1984) reported on the diets of Britain's ten year olds; Osborn (1984) considered maternal employment and depression and their influence on child behaviour; and Osborn and Morris (1982) investigated fathers' roles in child care. Osborn and Milbank (1987) showed the longer term value of pre-school education and day-care. A full bibliography of publications and reports arising from BCS70 is reproduced in Appendix 3.

1.12 The data already collected provide a remarkably rich research resource in a large number of areas. Future data collection by means of regular sweeps, and the adoption of an integrated approach to the design and analysis of this study with the 1958 cohort study (NCDS) will present exciting new possibilities and dimensions for research.

THE BCS70 TWENTY SIX-YEAR FOLLOW-UP

Rationale and Overall Design

1.13 The *BCS70 Twenty six-year Follow-up* is the fourth full national follow-up of the 1970 cohort born in Great Britain 5-11 April 1970. The cohort has been surveyed comprehensively at birth, five, ten, 16 and 26 years, and samples were seen at 22 months, 42 months, seven and 21 years. The *BCS70* was originally titled the *Child Health and Education Study* (CHES), but in 1991 the whole 1970 Cohort Study was renamed the British Cohort Study 1970 (BCS70) and the twenty six-year sweep became known as BCS70 Twenty-six-year Follow-up.
A number of considerations influenced the development of the survey instrumentation used for the BCS70 Twenty-six year Follow-up.

The 70’s and, particularly, the 80s in Britain were periods of massive social, economic and political transformation. The standard transition from school to work, which up until the end of the 1960s two thirds of young people made at the age of 16, was replaced ten years later by one in which only one third were leaving school at the minimum age. And most of those who did leave then went into training schemes rather than jobs.

The cohort born in 1970 were, at 16, still leaving education in large numbers - less than half were staying on - but they faced a labour market where youth employment was fast disappearing. In place of jobs were a variety of training schemes brought together by the Government’s Manpower Services Commission, under the general heading of the Youth Training Scheme (YTS). As social security benefits were still available to young people at the time - they were terminated in 1988 - unemployment was also an option. The lucky ones - mainly in the south of England - got the few jobs that were still available to young people.

(a) **Changes in the labour market:** The origins of these transition problems are not difficult to see. With the advent of computer-based information technology, the nature of employment had been rapidly transformed. Much unskilled work in manufacturing had disappeared, and new kinds of skill were increasingly in demand from employers. Coupled with the economic recessions of the early 1980s, and with fierce competition from the rapidly growing economies of Asia, much traditional manufacturing industry collapsed, and the traditional industrial heartlands of Britain experienced unemployment on an unprecedented scale.

Early Government attempts to combat youth unemployment, such as the Youth Opportunities Programme (YOPs), were premised as much on a perceived need to keep young people off the streets, as on a commitment to promoting and facilitating fundamental changes in their employability. In 1981, a Government White Paper, the **New Training Initiative**, heralded a quite new approach, whereby the new technological skills that industry was now demanding would be supplied to potential employees through training schemes. These replaced the traditional apprenticeships, which tended mainly to be done by boys, and had been seen for some time to be getting increasingly out of date, typically being labelled as ‘time serving’. Youth training in the 80s, directed at the whole annual cohort of 600,000 school leavers, went through a variety of forms, before it finally terminated in 1988 as a national scheme, and was handed over to the locally based Training and Enterprise Councils (TECs). In 1994, yet another development was announced, the modern apprenticeship, which re-established the traditional means of training young people for jobs, but through a much shortened two year period of work-based training combined with education.

The whole training initiative heightened awareness of the need for ‘up-skilling’ the population, and extended into the education system itself. The National Council for Vocational Qualifications (NCVQ) was set up in 1988 to rationalise the myriad vocational qualifications that had been offered until then, and a national curriculum was established in Britain for the first time, in which 70 per cent of the subject matter taught in schools was laid down by Government.

These British labour market initiatives cannot be seen in isolation from a worldwide transformation of economies, and the ways of producing goods and services and generating wealth. The defining feature of these globalising pressures is one of accelerating technological change. For the worker, however, its main consequence is felt in terms of ever-increasing uncertainty and risk (Beck, 1986). In place of the standard patterns of entry to adult life dictated by such structural factors as class, gender, ethnicity and locality, for a generation born in 1970 the routes to adulthood were becoming more individualised. Young people were having to ‘navigate’ their way through a range of education, training and early employment options, trying all the time to insure their future against the risk of short-term or continuing unemployment (Evans and Furlong, 1997). The consequence was a general extension of the transition to employment, with a moratorium on full-time permanent work extending well into the twenties for large numbers of young people.

To find their secure niche, or series of secure niches, in the labour market, young people were under increasing pressure to acquire qualifications and a range of new skills, to make them attractive to employers. This meant that those who failed to acquire these elements of ‘human and social capital’, became increasingly marginalised. The financial journalist Will Hutton refers to ‘30/30/40’ societies, in which as much as 40 per cent of the population are permanently in a half-way house of casual jobs or continuing unemployment (Hutton, 1995).
(b) **Family and social policy:** But it is not only changes in the economy and in the labour market which impacted upon those born in 1970. Increasing polarisation in advanced industrial societies challenged every element of family life and citizenship. The instability and insecurity which characterised the world of work were echoed in the personal and social domains. Relationships based on choice and emotional commitment were becoming both more diverse and more transitory. New patterns of shared living, family formation and family structures challenged traditional concepts of adult partnerships, parenthood and family life. Living together before marriage, and prior to having children, was becoming the norm. The increasing fragility of adult partnerships - whether cohabitations or marriages - was resulting in growing numbers of children being brought up in single parent households, or in often complex new family settings involving step-parents and step-siblings.

In the area of social policy, the election of the Conservative government under the leadership of Margaret Thatcher began a steady process of privatisation in the fields of education, health and welfare. This has introduced the concept of market forces as pivotal into many areas in which the principle of public service, embodied in the Welfare State, had become more or less taken for granted. The result has been an erosion of communal responsibility for providing, or guaranteeing, social and economic welfare, with increasing emphasis laid on individual responsibility in coping with hardship. For those without the resources to shoulder such responsibility, for themselves, their families and their dependent children, there is a clear threat to their welfare and well-being, and their ability to participate fully in the new social order. Universal provision has given way to the need for ‘safety nets’ and targeted help - drawing even more attention to the dependency of those relying on them. At the same time, sustaining unemployment at levels unthinkable in the two decades following the war places a continuing tax burden at ever-increasing levels on those in work. Middle class reactions to this - tax revolts - from California to Sweden have added to the political tensions - drawing out in starker contrast than perhaps ever before the difference between the solutions offered by the corporatist, broadly social democratic solutions of Western Europe, and those of US-inspired free market capitalism. The latter’s manifestation in the ‘politics of contentment’ (Galbraith, 1992) is challenged by the growing problems associated with disadvantage, poverty and crime.

(c) **Identity, lifestyle and politics:** Other changes were occurring in the ways young people formed their adult identities. In leisure life, they came under pressure, especially through the mass media, to adopt a lifestyle and identity shaped increasingly by their role as consumers rather than as producers - the dominant influence of the past. In place of the adult workplace and the occupations that went with it, attitudes, values and norms were informed increasingly by television and the other media. The role of parents as arbiters of behaviour became replaced by the peer group. Broader issues associated with lifestyle also arose in connection with health - with sexually transmitted diseases such as Aids, as well as drug and alcohol-related problems, casting a shadow over the whole decade of the 1980s. At the same time ‘healthy living’ became a clarion call with the major ‘Health of the Nation’ initiative, established in 1992.

Inter-group hostility and conflict, especially directed at ethnic minorities, was another growing, if not new, menace throughout this period. The mobility of populations, brought about by the political upheavals in Eastern Europe, was accompanied by increasing signs of emergent fascism, to which young people in Britain were not immune. At the same time, these worrying developments need to be set against counter trends, such as the vehement anti-racism, and commitment to new political programmes such as the Green movement, which were also prominent, especially among the young. There were signs that the traditional Party allegiances passed on from parents to children were losing their salience, with issue-based politics - ranging from anti-roads protests to animal rights - attracting allegiance instead (Banks et al., 1992). Set against these varying signs of ‘new politics’, however, was the other dominant feature of the period - apathy towards the political process and cynicism about politics and politicians, concentrated particularly among the less educated (Bynner and Ashford, 1994).

Another area where passions ran particularly high was the relations between the sexes. The politics of feminism, which dominated much of the 80s, transformed the way young women, particularly, saw their roles. Their subsequent better resilience to labour market changes, their move away from traditional ‘female’ subjects at school, and their heightened career aspirations were said to have produced a ‘genderquake’ (Wilkinson, 1994). But how far such shifts in male-female relations impacted on all areas of life, especially at home, remains much more debatable. At the time the young women born in 1970 were facing these choices, the great majority of women were still mixing family care and (part-time) work through a part of their adult lives, and were taking on most of the domestic responsibilities at home in a way still unknown to the vast majority of men.
Tracing

1.15 The continued success of longitudinal studies like BCS70, is dependent on knowing the whereabouts of the study subjects. For the purposes of the follow-ups in 1975, 1980 and 1986, the cohort members were traced mainly through schools, and no effort was made to maintain contact in the intervening years. Following the 1986 survey, it was no longer possible to trace the 16,000 cohort members anew in this way, and after responsibility for the study was assumed by SSRU in 1991, efforts were made to maintain contact with those for whom a current address was still available, by mailing an annual birthday card. This was designed to give cohort members feedback about the use of information they had already given, and to advise them of plans for future surveys. It also provided an opportunity to confirm address details and other helpful information. As a result of these efforts, information about the current whereabouts of some 9,000 of the 16,000 BCS70 cohort members was available at the time that preparations for the 1996 follow-up began in January, 1996.

1.16 In an attempt to increase the number of current addresses, and thereby maximise response to the 1996 follow-up, a special tracing exercise was begun at that time. This was based on earlier, very successful, experience gained with tracing members of the 1958 cohort, but was more restricted in scope because of resource and time limitations. Sources of additional address information used during the tracing exercise included late returns to the 1995 birthday card, and early returns to the 1996 card which enabled confirmation and/or updating of existing information. Valuable address information was also obtained from a postal screening of the BCS70 cohort which was already underway as part of a study of inflammatory bowel disease, being carried out in collaboration with the Royal Free Hospital, London. This collaboration also enabled both projects to benefit from an approach to the Driver and Vehicle Licensing Agency, who agreed to mail tracing letters to cohort members identified by them on their address database. The administrative work at SSRU was carried out by a small tracing team, who also undertook tracing of cohort members for whom other methods failed. These efforts relied on information taken from BCS70 records, and required extensive use of the telephone, and the mailing of tracing letters. Latterly, after considerable work by Professor Neville Butler, it also proved possible to match many other untraced cohort members on the address records of the Family Health Service Authorities in England and Wales, and the Health Boards in Scotland.

1.17 This special tracing exercise ensured that throughout the first six months of 1996, there was a stream of information confirming and/or updating the information on the BCS70 address records. By the end of June 1996, information was available about the current whereabouts of an additional 4,500 cohort members and was already being used for the postal survey. A total of some 13,500 potential respondents were therefore available for the survey, leaving 2,500 cohort members whose whereabouts remained unknown.
Survey Instruments

1.18 The BCS70 Twenty-six year Follow-up made use of a single postal questionnaire, “Where Are You Now?”. This was developed by the cohort studies research team at SSRU, in consultation with those who had been involved with the design and analysis of earlier BCS70 sweeps, and those familiar with the 1958 National Child Development Study (NCDS). It was based on survey instruments used for the 23 and 33-year NCDS follow-ups and the BCS70 1992 Sample Survey, and was designed to provide details of the views and current circumstances of the cohort member in a number of key areas, plus more limited information on their experiences since the last follow-up in 1986. Successive drafts of the questionnaire were piloted on groups of young people of approximately the same age as the cohort members. The final 16-page version included questions concerning: qualifications and skills; training; employment and earnings; unemployment and periods out of the labour market; relationships, marriage and children; housing and household; health and health-related behaviour; and the views of cohort members about topics such as law and order, politics, jobs, and marriage and family.

Data Collection

1.19 The survey was conducted between April and September, 1996. Questionnaires were mailed to all cohort members for whom a current address was available as a result of the tracing exercise described above. It was undertaken by the MORI research organisation who were responsible for the printing and distribution of questionnaires, the receipt of completed or returned questionnaires and the mailing of reminders.

1.20 Because of the nature of the tracing exercise described above, the mailing of questionnaires was carried out in three batches. The first, mailed in early April 1996, comprised all cohort members traced at that date through the birthday card, the Royal Free screening, the Driver and Vehicle Licensing Agency, and the other activities of the SSRU tracing team - some 9,803 individuals. The second, mailed in early May 1996, comprised all those cohort members newly traced by these same means - some 1,380 individuals. The third, mailed in early July, 1996 comprised again those newly traced, including for the first time those matched on the records of Family Health Service Authorities and Scottish Health Boards - some 2,291 individuals. All questionnaires were accompanied by a covering letter explaining the purpose of the survey.

1.21 For each batch, reminders were sent to those addresses for which there had been no response after 2-3 weeks. A second reminder was sent to those addresses from which there had still been no response after a further 3-4 weeks. The first reminder consisted of a letter only; the second included a further copy of the questionnaire.

Response to the Survey

1.22 As Table 1.2 shows, questionnaires were returned by 77 per cent of those mailed in the first batch - a very encouraging response. Response to batches two and three was less good, but this was perhaps not surprising, given that these cohort members include many who were traced for the first time in ten years. It is also possible that some of the address information was incomplete, inaccurate or out of date, especially that derived from the records of the Family Health Service Authorities and Scottish Health Boards. The table shows some direct evidence of this, and it is likely that these reasons also account for a large number of those for whom there was no response.

1.23 Overall, questionnaires were returned from two-thirds of those targeted.
Table 1.2 Survey response

<table>
<thead>
<tr>
<th>Survey outcome</th>
<th>Batch 1*</th>
<th></th>
<th>Batch 2</th>
<th></th>
<th>Batch 3</th>
<th></th>
<th>All</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n</td>
<td>%</td>
<td>n</td>
<td>%</td>
<td>n</td>
<td>%</td>
<td>n</td>
<td>%</td>
</tr>
<tr>
<td>Fully complete questionnaire</td>
<td>7382</td>
<td>75</td>
<td>666</td>
<td>48</td>
<td>750</td>
<td>33</td>
<td>8798</td>
<td>65</td>
</tr>
<tr>
<td>Partially complete questionnaire</td>
<td>172</td>
<td>2</td>
<td>20</td>
<td>2</td>
<td>13</td>
<td>1</td>
<td>205</td>
<td>2</td>
</tr>
<tr>
<td>Refusal</td>
<td>24</td>
<td>&lt;1</td>
<td>12</td>
<td>1</td>
<td>19</td>
<td>1</td>
<td>55</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Cohort member dead</td>
<td>4</td>
<td>&lt;1</td>
<td>0</td>
<td>-</td>
<td>2</td>
<td>&lt;1</td>
<td>6</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Incomplete address</td>
<td>0</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>2</td>
<td>&lt;1</td>
<td>2</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Other (cohort member away, etc)</td>
<td>45</td>
<td>1</td>
<td>8</td>
<td>1</td>
<td>3</td>
<td>&lt;1</td>
<td>56</td>
<td>&lt;1</td>
</tr>
<tr>
<td>No response to mailing</td>
<td>2160</td>
<td>22</td>
<td>666</td>
<td>48</td>
<td>1478</td>
<td>65</td>
<td>4304</td>
<td>32</td>
</tr>
<tr>
<td>Questionnaires mailed</td>
<td>9803</td>
<td>100</td>
<td>1380</td>
<td>100</td>
<td>2291</td>
<td>100</td>
<td>1347</td>
<td>100</td>
</tr>
</tbody>
</table>

*Batch 1: April, 1996 - All those traced by the birthday card, Royal Free screening, Driver and Vehicle Licensing Agency, and the SSRU tracing team.

Batch 2: May, 1996 - All those newly traced by the birthday card, Royal Free screening, Driver and Vehicle Licensing Agency and the SSRU tracing team.

Batch 3: July, 1996 - All those newly traced by the birthday card, Royal Free screening, Driver and Vehicle Licensing Agency, and the SSRU tracing team; plus those matched on Family Health Service Authority/Scottish Health Board records.

Data Processing

1.24 Completed questionnaires were returned by cohort members to MORI, who were responsible for a preliminary visual edit agreed with SSRU. Following data entry of all pre-coded information, a preliminary computer edit (again agreed with SSRU) was carried out by MORI to check that data was valid (i.e. single-coded, 0-9), and within range (i.e. as specified in the questionnaire).

1.25 Following completion of the computer edit by MORI, all questionnaires were passed to another contractor, Eurodata, who keyed the text of responses to open-ended questions, including reported qualifications, details of occupation, and health conditions. Unedited and edited data, together with all completed survey instruments, were subsequently passed to SSRU for further processing. This included: the coding of qualifications, occupation, and health data; further computer editing to ensure that data were consistent; establishment of a clean and documented cross-sectional data base to facilitate the early analysis reported here; and linking of the new sample survey data with that from earlier BCS70 follow-ups to establish a longitudinal data base to permit more detailed longitudinal analysis, including the response analysis reported in elsewhere in this document.

1.26 Qualifications were coded using a scheme based on that used for recent NCDS follow-ups, but because of an improved approach to the survey also provided information on each qualification identified. Occupation was coded using Computer-assisted Standard Occupational Coding (CASOC), developed by the Institute for Employment Research at the University of Warwick. This provides codings for the current standard occupational classification, socio-economic group, and social class, as well as other occupational classifications, such as KOS, CODOT, and Hope-Goldthorpe. Health conditions were coded using the International Classification of Diseases...
Non-response

1.27 In an effort to clarify the reasons for non-response, and to encourage the remaining potential respondents to complete and return the questionnaire, telephone follow-ups were carried out on two samples during the course of the survey:

SSRU telephone follow-up - at the end of June, SSRU staff spent some time seeking to make telephone contact with a sample of those from whom no questionnaire (or other reply - eg: refusal, gone away, etc) had yet been received. Efforts focused on those included in the initial mailing sample (Batch 1).

A sample of 300 was selected from a list of non-responders supplied by MORI, and 104 of these contacted (making telephone contact is not always easy during the working day, as the tracing exercise has already demonstrated. The outcome of this exercise is summarised in Table 1.3 below.

MORI telephone follow-up - in August, MORI undertook a similar follow-up of non-response through their telephone survey subsidiary On-line. On this occasion, some 112 cohort members with known telephone numbers were randomly selected from the list of non-responders to the second mailing (Batch 2). Further details of the outcome of this exercise are also summarised in Table 1.3 below.

<table>
<thead>
<tr>
<th>Outcome</th>
<th>SSRU (June, 1996)</th>
<th>MORI (August, 1996)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial sample</td>
<td>300</td>
<td>112</td>
</tr>
<tr>
<td>Of which: Contacted</td>
<td>104 (100%)</td>
<td>93 (100%)</td>
</tr>
<tr>
<td>Of which: Questionnaire already received, but not yet returned</td>
<td>27 (26%)</td>
<td>28 (30%)</td>
</tr>
<tr>
<td>Questionnaire lost or damaged</td>
<td>5 (5%)</td>
<td>4 (4%)</td>
</tr>
<tr>
<td>Questionnaire not received</td>
<td>11 (11%)</td>
<td>16 (17%)</td>
</tr>
<tr>
<td>Other</td>
<td>13 (13%)</td>
<td>6 (7%)</td>
</tr>
<tr>
<td>Refusal of all further co-operation</td>
<td>9 (9%)</td>
<td>3 (3%)</td>
</tr>
<tr>
<td>Refusal of co-operation with this survey</td>
<td>5 (5%)</td>
<td>6 (7%)</td>
</tr>
<tr>
<td>Gone away, etc</td>
<td>17 (16%)</td>
<td>17 (18%)</td>
</tr>
</tbody>
</table>

Where appropriate, individuals were encouraged to return completed questionnaires, or new questionnaires despatched.

Response bias

1.28 Although a generally acceptable response rate has been achieved, anything less than a perfect response raises the question of whether those who completed a questionnaire are representative of the sampled population - in this case, the cohort members living in Great Britain (England, Wales and Scotland) for whom SSRU had a current address. This issue has been explored by exploiting a possibility only available to longitudinal studies: comparison of the achieved sample - those cohort members who returned a questionnaire - with the target sample - the cohort at birth, and in subsequent follow-ups.

1.29 Comparisons between the achieved sample and the target sample have been extensive. They are based on variables selected from the earlier BCS70 follow-ups. The variables chosen include many relating to demography, education, literacy and numeracy problems, social and economic circumstances, financial problems, the family and relationships, housing and household, and health.
1.30 Table 1.4 reports on just some of the comparisons made. It contrasts the characteristics of the target sample and those of the achieved sample for the 1996 follow-up, using a range of variables selected to represent the areas identified above. The absolute difference between the target and achieved samples, and the percentage bias are reported for each variable, indicating the extent of the difference between the cohort and the sample. For this table percentage bias is calculated as follows:

\[
\frac{\text{Per cent in the achieved sample} - \text{Per cent in the target population}}{\text{Per cent in the target population}} \times 100
\]

A negative percentage bias indicates under-representation in the 1996 follow-up, and a positive percentage bias shows over-representation. When looking at the contrasts for variables taken from the 1975, 1980, and 1986 follow-ups it is important to remember that the target percentage will itself reflect differential response to these surveys.

1.31 Nevertheless, the analysis provides an important, and generally encouraging, insight into differential response. Absolute differences between the sampled population and the achieved sample are, on the whole, small and this is reflected in many of the figures for percentage bias. However, small absolute differences can result in a relatively large figure for percentage bias where the percentage in the sampled population is small. Levels of statistical significance are not reported, but it should be noted that, in samples of this size, tests of statistical significance are sensitive to very small differences. In general, the achieved sample does not differ greatly from the sampled population.

1.32 Overall, it appears that men, those born outside Britain, and those with minority ethnic background are under-represented in the BCS70 1996 follow-up. This also holds for those born to single mothers, teenage mothers, and unemployed fathers; as well as for those with low school achievement; those with a disability, those who have been in care, those with origins in the lower social classes, those who grew-up in families with financial problems, and those who have experienced poor housing conditions.

1.33 Perhaps not surprisingly, this picture is similar to that emerging from the analyses of differential response to other surveys, and especially the NCDS follow-ups.

1.34 Finally, it is important to note that this analysis of differential response reveals that those reporting problems with reading, writing and mathematics at school are under-represented in the achieved sample for the 1996 follow-up survey. This is an unavoidable consequence of the postal survey method.
<table>
<thead>
<tr>
<th></th>
<th>Target %</th>
<th>Achieved %</th>
<th>Difference %</th>
<th>Bias %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male respondents</td>
<td>51.1</td>
<td>45.6</td>
<td>-5.5</td>
<td>-10.76</td>
</tr>
<tr>
<td><strong>1970 Birth Survey</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mother born outside Britain</td>
<td>8.1</td>
<td>6.8</td>
<td>-1.3</td>
<td>-16.05</td>
</tr>
<tr>
<td>Father born outside Britain</td>
<td>8.7</td>
<td>7.1</td>
<td>-1.6</td>
<td>-18.39</td>
</tr>
<tr>
<td>Mother completed education aged less than 15 years</td>
<td>5.9</td>
<td>6.3</td>
<td>+0.4</td>
<td>+6.78</td>
</tr>
<tr>
<td>Father completed education aged less than 15 years</td>
<td>7.6</td>
<td>6.9</td>
<td>-0.7</td>
<td>-9.21</td>
</tr>
<tr>
<td>Teenage mother</td>
<td>8.7</td>
<td>7.9</td>
<td>-0.8</td>
<td>-9.20</td>
</tr>
<tr>
<td>Single mother</td>
<td>4.1</td>
<td>3.5</td>
<td>-0.6</td>
<td>-14.63</td>
</tr>
<tr>
<td>Premarital conception</td>
<td>8.1</td>
<td>7.8</td>
<td>-0.3</td>
<td>-3.70</td>
</tr>
<tr>
<td>Twin at birth</td>
<td>2.0</td>
<td>1.9</td>
<td>-0.1</td>
<td>-5.00</td>
</tr>
<tr>
<td>Father’s social class - Manual</td>
<td>64.1</td>
<td>61.6</td>
<td>-2.5</td>
<td>-3.90</td>
</tr>
<tr>
<td>Father unemployed</td>
<td>3.0</td>
<td>2.5</td>
<td>-0.5</td>
<td>-16.67</td>
</tr>
<tr>
<td><strong>1975 Follow-up</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child’s ethnic group - West Indian</td>
<td>1.0</td>
<td>0.7</td>
<td>-0.3</td>
<td>-30.00</td>
</tr>
<tr>
<td>Parents have no educational qualifications</td>
<td>38.0</td>
<td>34.7</td>
<td>-3.3</td>
<td>-8.68</td>
</tr>
<tr>
<td>Mother aged over 40 years</td>
<td>2.3</td>
<td>2.1</td>
<td>-0.2</td>
<td>-8.70</td>
</tr>
<tr>
<td>Child living with both natural parents</td>
<td>91.5</td>
<td>92.5</td>
<td>+1.0</td>
<td>+1.09</td>
</tr>
<tr>
<td>Mother and child ever separated for one month or more</td>
<td>4.5</td>
<td>3.9</td>
<td>-0.6</td>
<td>-13.33</td>
</tr>
<tr>
<td>Father’s social class - Manual</td>
<td>63.1</td>
<td>60.2</td>
<td>-2.9</td>
<td>-4.60</td>
</tr>
<tr>
<td>Weighed under 5lbs at birth</td>
<td>6.5</td>
<td>6.1</td>
<td>-0.4</td>
<td>-6.15</td>
</tr>
<tr>
<td>No congenital abnormality</td>
<td>93.2</td>
<td>92.9</td>
<td>-0.3</td>
<td>-0.32</td>
</tr>
<tr>
<td>No disability</td>
<td>93.8</td>
<td>93.9</td>
<td>+0.1</td>
<td>+0.11</td>
</tr>
<tr>
<td>Family has moved 3 or more times since 1970</td>
<td>9.8</td>
<td>9.1</td>
<td>-0.7</td>
<td>-7.14</td>
</tr>
<tr>
<td>Accommodation is crowded (&gt; 1 person/room)</td>
<td>16.5</td>
<td>14.4</td>
<td>-2.1</td>
<td>-12.73</td>
</tr>
<tr>
<td>Accommodation rented privately</td>
<td>5.0</td>
<td>4.8</td>
<td>-0.2</td>
<td>-4.00</td>
</tr>
<tr>
<td>Social rating of neighbourhood - Poor</td>
<td>5.8</td>
<td>5.1</td>
<td>-0.7</td>
<td>-12.07</td>
</tr>
</tbody>
</table>

*continued...*
### Table 1.4  Response bias - comparison with earlier BCS70 follow-ups (continued)

<table>
<thead>
<tr>
<th>Target</th>
<th>Achieved</th>
<th>Difference</th>
<th>Bias</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1980 Follow-up</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Has great difficulty with mathematics</td>
<td>3.6</td>
<td>3.1</td>
<td>-0.5</td>
</tr>
<tr>
<td>Has great difficulty with reading</td>
<td>3.1</td>
<td>2.4</td>
<td>-0.7</td>
</tr>
<tr>
<td>Has great difficulty with writing</td>
<td>2.4</td>
<td>2.2</td>
<td>-0.2</td>
</tr>
<tr>
<td>Child has lived with the same parents since birth</td>
<td>87.3</td>
<td>88.3</td>
<td>+1.0</td>
</tr>
<tr>
<td>Child has lived with only one parent</td>
<td>15.9</td>
<td>14.6</td>
<td>-1.3</td>
</tr>
<tr>
<td>Child living in residential institution</td>
<td>0.6</td>
<td>0.5</td>
<td>-0.1</td>
</tr>
<tr>
<td>Father’s social class - Manual</td>
<td>52.5</td>
<td>50.1</td>
<td>-2.4</td>
</tr>
<tr>
<td>Family receives Supplementary Benefit</td>
<td>8.4</td>
<td>7.2</td>
<td>-1.2</td>
</tr>
<tr>
<td>Has a disability</td>
<td>7.6</td>
<td>7.2</td>
<td>-0.4</td>
</tr>
<tr>
<td>Child has never smoked</td>
<td>74.6</td>
<td>75.8</td>
<td>+1.2</td>
</tr>
<tr>
<td>Family lived at 4+ places since 1975</td>
<td>13.3</td>
<td>13.2</td>
<td>-0.1</td>
</tr>
<tr>
<td>Accommodation rented privately</td>
<td>3.0</td>
<td>2.7</td>
<td>-0.3</td>
</tr>
<tr>
<td><strong>1986 Follow-up</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child born outside Britain</td>
<td>2.3</td>
<td>2.0</td>
<td>-0.3</td>
</tr>
<tr>
<td>Pupil’s reading ability impaired</td>
<td>8.1</td>
<td>4.9</td>
<td>-3.2</td>
</tr>
<tr>
<td>Child assessed as top of academic ability range</td>
<td>5.4</td>
<td>6.2</td>
<td>+0.8</td>
</tr>
<tr>
<td>Child wishes to stay at school to take ‘A’ levels</td>
<td>45.7</td>
<td>48.0</td>
<td>+2.3</td>
</tr>
<tr>
<td>Child lives with natural parents</td>
<td>81.7</td>
<td>82.2</td>
<td>+0.5</td>
</tr>
<tr>
<td>Child has been “in care”</td>
<td>1.3</td>
<td>1.0</td>
<td>-0.3</td>
</tr>
<tr>
<td>Child wants to leave home as soon as possible</td>
<td>5.2</td>
<td>4.6</td>
<td>-0.6</td>
</tr>
<tr>
<td>Father’s social class - Manual</td>
<td>49.0</td>
<td>47.6</td>
<td>-1.4</td>
</tr>
<tr>
<td>Family receives Supplementary Benefit</td>
<td>11.2</td>
<td>9.6</td>
<td>-1.6</td>
</tr>
<tr>
<td>Has disability</td>
<td>9.5</td>
<td>7.6</td>
<td>-1.9</td>
</tr>
<tr>
<td>Child does not smoke</td>
<td>79.2</td>
<td>79.7</td>
<td>+0.5</td>
</tr>
<tr>
<td>Four+ addresses since 1980</td>
<td>1.7</td>
<td>1.4</td>
<td>-0.3</td>
</tr>
<tr>
<td>Accommodation is rented privately</td>
<td>2.7</td>
<td>2.9</td>
<td>+0.2</td>
</tr>
</tbody>
</table>

Target % = Per cent in BCS70. Achieved % = Per cent in achieved sample.
Difference = Target % - Achieved %.
Bias % = ((Achieved % - Target %)/Target %) x 100.
Further Information on BCS70

1.35 For more information about the BCS70 Twenty-six-year Follow-up contact the BCS70 User Support Group by post, telephone, fax, or email as shown below:

Post: BCS70 User Support Group
Social Statistics Research Unit
City University
Northampton Square
London
EC1V 0HB

Tel: (0171) 477-8484
Fax: (0171) 477-8583
Email: bcs70@ssru.city.ac.uk

User Support Group

1.36 The BCS70 User Support Group provides advice and guidance on the use of BCS70 data; produces documentation; collates and disseminates information on uses of the data, publications, and other developments; produces and distributes a newsletter and working papers; provides access to non-computerised BCS70 data; collects additional information; and services the User Group.

User Group

1.37 The BCS70 User Group is open to all users of BCS70 data. It provides opportunities for users to get together to explore developments, problems, and other issues of mutual interest. Ad hoc "Updates" on BCS70 data and developments are circulated to members.

Membership is free on application to the User Support Group.

Acquiring BCS70 Data for Research

1.38 As noted above, data sets containing the birth, 22-month, 42-month, 5-year, 10-year, 16-year and 26-year data are already lodged at the ESRC Data Archive, and are available to the research community for analysis. Data set for the 21-year sample survey is currently being prepared by SSRU, and will be deposited with the ESRC Data Archive upon completion.

1.39 A fully documented longitudinal database, which will contain all BCS70 data, is also being prepared by SSRU and, when complete, a copy will also be made available via the ESRC Data Archive. Until data are generally available in this way, it is possible to obtain data not already lodged with the Data Archive from the SSRU directly (see paragraph 1.77 above). In the meantime, longitudinal datasets may be created by researchers by merging data from the individual follow-ups already held in the ESRC Data Archive (paragraph 2.8 below).

The ESRC Data Archive may be contacted by post, telephone, fax, or email as shown below:

Post: ESRC Data Archive
University of Essex
Colchester
CO4 3SQ

Tel: (01206) 872001
Fax: (01206) 872003
Email: archive@essex.ac.uk
References

1.40 Details of the publications cited in this section are given below. A full list of publications arising from BCS70 is given in Appendix 3.


SECTION 2

USING THE 26-YEAR DATA
INTRODUCTION

2.1 As mentioned in Section 1, the BCS70 Twenty six-year Follow-up made use of a single postal questionnaire. An introduction to the development and use of this document has been outlined in Section 1. A copy of the questionnaire is reproduced in Section 3.

2.2 This section is designed to assist users of the data by describing:

- Variable names
- Data cleaning undertaken by SSRU
- The coding of missing values.
- The coding of open-ended questions.
- The derived variables included on the dataset.
- An introduction to using the Interactive Data Dictionary.
- Linkage of BCS70 Twenty six-year Follow-up data to data from previous sweeps.

VARIABLE NAMES

2.3 The variable names for the BCS70 Twenty-six year dataset have been allocated as follows:

- Precoded questions - variable names are based on card and column numbers taken form the card images used for data entry.

- Open-ended questions - variable names are based on question numbers and employ additional identifiers where question elements are not separately numbered.

- Derived variables - variable names are those allocated by those responsible for the code. They are most commonly mnemonics.

Details of all variable names are to be found on the annotated questionnaire in Section 3 below.

CLEANING OF THE BCS70 26-YEAR DATA BY SSRU

2.4 As noted above, the MORI research organisation who, distributed the questionnaires, were also responsible for a preliminary visual edit of each questionnaire; and following data entry of all pre-coded information, for a preliminary computer edit to check that data was valid (i.e. single-coded, 0-9), and within range (i.e. as specified in the questionnaire). Both visual and preliminary computer edit were agreed with SSRU. Following completion of the initial data entry and cleaning all questionnaires were passed to another contractor, Eurodata, who keyed the text of responses to open-ended questions. Unedited and edited data (in ASCII form), together with all completed survey instruments, were subsequently passed to SSRU for further processing.

2.5 The work undertaken by SSRU has concentrated on the setting-up of an SPSS dataset; and the completion of additional checking and updating. The latter has focused, mainly, on repeating and extending the checks for validity and range, and carrying out new checks for consistency. This work was carried out in two stages:

1. The establishment of the SPSS dataset and an initial repeat of checks for validity and range was undertaken in late 1996 (mainly by our colleague, Kate Smith) in order that preliminary analysis of the data could be carried out.
The further review of the dataset and additional checks for validity, range and consistency in the light of problems encountered during the preliminary analysis. This was undertaken in 1997 in preparation for the deposit of the data with the Data Archive.

A brief outline of the approach to data cleaning is given below

**Overall data cleaning policy**

2.6 Following the creation of the initial SPSS dataset, extensive checks of data validity, range and consistency were carried out. To be valid, the value for any data item for any case must be numeric (a number, 0-9, etc) or alphanumeric (text, A-Z/a-z, etc) as specified in the questionnaire/coding frame/data definition. To be within range, the value for any data item for any case must be within the range of values specified in the questionnaire/coding frame/data definition. To be consistent, the value of any data item for any case must conform to the filter structure of the survey instrument.

2.7 The data for the Twenty-six year Follow-up have been cleaned through computer editing, using checks for validity, range, and consistency derived from the questionnaire. Due to limited resources and record storage problems, it has often been impossible at this stage to check ‘errors’ against the original questionnaires themselves. As a result, the ‘errors’ have been ‘corrected’ according to the rules outlined in Table 2.1 below. Thus, the identification of ‘errors’ was followed by a check of the raw data to identify data entry problems. For ‘errors’ of range and consistency, this was followed by review of the editing rules. Consistency ‘errors’ were investigated further by back-checking the consistency of the primary filter, and updating this if necessary. Where updates to the edit and/or values had been made, the edit was re-run to check that the ‘corrections’ had been correctly applied and no new ‘errors’ introduced. Where no correction could be identified, the ‘error’ value was set to missing. All edits were iterated until no ‘errors’ were identified.

2.8 It is important to stress that this procedure differs in one important aspect from that adopted for the cleaning of the BCS70 16-year data which was recently deposited with the ESRC Data Archive. For this dataset, forward coding was employed to ‘correct’ filter ‘errors’. With forward coding, if the primary question is answered in a way that does not lead on to the subsidiary questions then any responses in the subsidiary sections are set to a missing value. For example, if the question is ‘Have you ever been to hospital?’ then only those that have ticked ‘Yes’ will be included in the subsidiary questions on ‘date’, ‘reason’, etc for admittance to hospital. With an interview based questionnaire, this is obviously what would happen during the interview. However, with self-completion questionnaires, sometimes respondents change their minds when they see the subsidiary questions without changing the answer to the primary question and with forward coding these subsidiary answers are lost.

2.9 For the 26-year data, the filter was checked both forward and backward in order to ensure that the loss of data was kept to a minimum. This is consistent with the approach adopted for the cleaning of data from the Ten-year Follow-up.
Table 2.1: Outline of ‘correction’ rules adopted for editing the 26-year data

<table>
<thead>
<tr>
<th>Type of ‘error’</th>
<th>Priority</th>
<th>‘Correction’ rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not valid</td>
<td>1</td>
<td>Check and correct any obvious data format problem (e.g., left/right-shifted data)</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Set to missing</td>
</tr>
<tr>
<td>Out of range</td>
<td>1</td>
<td>Check and correct any obvious data format problem (e.g., left/right-shifted data)</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Check if range appropriate, and modify and re-run edit if necessary</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Set to missing</td>
</tr>
<tr>
<td>Not consistent</td>
<td>1</td>
<td>Check and correct any obvious data format problem (e.g., left/right-shifted data)</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Check filter structure, and modify and re-run edit if necessary</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Check and update value of primary filter if necessary and re-run edit</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Set to missing</td>
</tr>
</tbody>
</table>

Missing values

2.10 As part of the work to check and update the 26-year data, efforts have been made to standardise the allocation of missing values. Also, during the course of checking, it was sometimes necessary to allocate new missing values to meet the specific needs of individual variables. As a result, there are a relatively large number of missing value codes which may be allocated to any one variable. In practice, users should find that only a small number have been used for most variables.

2.11 The standard missing value codes are as follows:

-3 Not stated  
-7 Out of range  
-8 Inappropriate response

2.12 It is important to note that these codes are not always consistent with those allocated to other BCS70 datasets relating to the birth, 5, 10, 16, and 26 year surveys. It is hoped that missing value codes will be rationalised when all BCS70 data are set up as a single database.

Coding of open-ended questions

2.13 The 26-year questionnaire contained a significant number of questions which required the cohort member to write in a response. These included details of qualifications, occupation, health conditions and religious affiliation, as well as requested amplification of ‘other’ answers. As noted above, following completion of the initial data entry and cleaning by MORI, all questionnaires were passed to another contractor, Eurodata, who keyed the text of responses to open-ended questions. This text data was subsequently passed to SSRU were it was used to facilitate the coding of responses to these questions.

2.14 As with data cleaning, the coding was undertaken in two stages:
1. Coding to facilitate preliminary analysis - confined to qualifications and occupation. This was undertaken in late 1996/early 1997.

2. Additional coding in preparation for the deposit with the Data Archive - including additional occupational coding, and all outstanding coding. This was undertaken in the second half of 1997.

2.15 Coding frames were selected to be compatible with those used for earlier BCS70 follow-ups, and to facilitate comparison with NCDS data. Qualifications were coded using a scheme based on that used for recent NCDS follow-ups, but because of an improved approach to the survey also provided information on each qualification identified. Occupation was coded using Computer-assisted Standard Occupational Coding (CASOC), developed by the Institute for Employment Research at the University of Warwick. This provides codings for the current standard occupational classification, socio-economic group, and social class, as well as other occupational classifications, such as KOS, CODOT, and Hope-Goldthorpe. Health conditions were coded using the International Classification of Diseases...

2.16 Coding was undertaken by especially trained SSRU staff, and was in all cases computer-assisted.

2.17 Further details of the open-ended questions and the coding frames employed are given in Table 2.2 below and in Appendix 3.

Table 2.2 Questions coded by SSRU

<table>
<thead>
<tr>
<th>Question</th>
<th>Items</th>
<th>Cases</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q5a) Other academic qualifications</td>
<td>12</td>
<td>32</td>
<td>BCS70(/NCDS)</td>
</tr>
<tr>
<td>Q5b) Other qualifications (vocational)</td>
<td>12</td>
<td>53</td>
<td>BCS70(/NCDS)</td>
</tr>
<tr>
<td>Q11 Other economic activity</td>
<td>2</td>
<td>4</td>
<td>BCS70</td>
</tr>
<tr>
<td>Q13 Job title/Q14 Type of work done</td>
<td>25</td>
<td>84</td>
<td>SOC, SEG, etc</td>
</tr>
<tr>
<td>Q15 Employers business</td>
<td>1</td>
<td>84</td>
<td>SIC</td>
</tr>
<tr>
<td>Q19 Other pay period</td>
<td>1</td>
<td>2</td>
<td>BCS70</td>
</tr>
<tr>
<td>Q31 Other tenure</td>
<td>1</td>
<td>6</td>
<td>BCS70</td>
</tr>
<tr>
<td>Q38 Other health problem</td>
<td>6</td>
<td>9</td>
<td>ICD 3 digit</td>
</tr>
<tr>
<td>Q39 Other sight problem</td>
<td>2</td>
<td>4</td>
<td>ICD</td>
</tr>
<tr>
<td>Q40 Injuries</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>#1</td>
<td>4</td>
<td>43</td>
<td>NCDS(/ICD)</td>
</tr>
<tr>
<td>#2</td>
<td>4</td>
<td>21</td>
<td>NCDS(/ICD)</td>
</tr>
<tr>
<td>#3</td>
<td>4</td>
<td>9</td>
<td>NCDS(/ICD)</td>
</tr>
<tr>
<td>#4</td>
<td>4</td>
<td>4</td>
<td>NCDS(/ICD)</td>
</tr>
<tr>
<td>Q41 Disabilities</td>
<td>6</td>
<td>15</td>
<td>ICD 3 digit</td>
</tr>
<tr>
<td>Q43 Other alcohol</td>
<td>13</td>
<td>8</td>
<td>BCS70</td>
</tr>
<tr>
<td>Q47 Other vote</td>
<td>1</td>
<td>2</td>
<td>BCS70</td>
</tr>
<tr>
<td>Q48 Religion</td>
<td>1</td>
<td>39</td>
<td>BCS70(?NCDS)</td>
</tr>
</tbody>
</table>

Notes: See next page.
Notes to Table 3.1

Items: Maximum number of codings provided.

Cases %: Percentage of cases needing coding (estimated from current data)

Frame: Coding frame used:

**BCS70/(NCDS):** Coded using a frame originally developed for the National Child Development Study (NCDS), and modified where necessary following review of all BCS70 26-year survey responses.

**BCS70:** Coded using a frame developed following review of all BCS70 28-year survey responses.

**SOC, SEG, etc:** Coded using Computer-assisted Standard Occupational Coding (CASOC), developed by the Institute for Employment Research at the University of Warwick. This provides codings for the current Standard Occupational Classification (SOC), Socio-economic Group (SEG), and social class, as well as other occupational classifications, such as the KOS, CODOT, and Hope-Goldthorpe.


**NB:** This classification is not included in the initial deposit of data with the Data Archive.


**ICD:** Coded using the International Classification of Diseases. The information supplied enabled the use of the full classification.

**NCDS/(ICD):** Coded using a frame based on the ICD, and originally developed for the National Child Development Study (NCDS). Review of BCS70 26-year survey responses showed that the information supplied would not support the use of the unmodified ICD.

**Further details:** See Appendix 3.

Derived variables

2.18 From the outset it was agreed that a book should be written at the earliest opportunity summarising the findings of the survey, and giving feedback to both the cohort members as well as to others interested. As described above, data preparation and coding was organised so as to make a dataset available to the SSRU researcher team at the earliest possible opportunity. In the course of their analysis of the data a number of derived variable were created which summarise various aspects of the 26-year data and simplify analysis. These variables have been included with the dataset deposited with the Data Archive.

2.19 The derived variables relate to five areas that were explored in the preliminary analysis: qualifications; labour market; relationships, marriage and children; health and health-related behaviour; and views, voting and values.

2.20 Further details of the derived variables are given in Appendix 4.
INTERACTIVE DATA DICTIONARY

2.21 In order to help users find their way about the BCS70 Twenty six-year Follow-up, SSRU has prepared an Interactive Data Dictionary as guide to the contents of the SPSS data. This is based on the ideaList Information Retrieval System, and is distributed, free of charge on floppy disk.

Disk contents

2.22 There are two Interactive Data Dictionary disks. Together they hold four files:

- BCS26_V1.ZIP - the Data Dictionary in "compressed" form.
- PKUNZIP.EXE - software to "uncompress" the Data Dictionary.
- BCS26MAN - this document is in ASCII format.
- READ.ME - notes on how to load the data base on your PC.

YOU MAY COPY THESE DISKS AS MANY TIMES AS YOU WISH.

IMPORTANT

2.23 Further details of the Interactive Data Dictionary are given below. Please read these carefully before attempting to load/use this software. If you have any problems or queries, please contact the BCS70 User Support Group (see next page for full contact information).

Loading the Interactive Data Dictionary from disk

2.24 To load this documentation on your PC, follow the instructions given below. What you should enter on your keyboard is shown in italics. (See also file "READ.ME").

1. Create a directory called "\bcs70dd" on your hard disk
   eg: mkdir bcs70dd

2. Make this your current working directory
   eg: cd bcs70dd

3. Put Data Dictionary Disk #1 in your floppy drive (eg: drive a:)

4. Uncompress and copy the Data Dictionary to your hard disk:
   eg: a:pkunzip bcs26_v1 c:

   Follow the instructions which appear on the screen and the files which comprise the Data Dictionary will be copied to your hard disk.

   NB: The uncompressed Data Dictionary will occupy some 24,200,000 bytes.

5. To use the Data Dictionary you must be in the "bcs70dd" directory. To start the Data Dictionary, enter: bcs26

6. We suggest you keep the floppy disks as a backup!
Guide to using the Interactive Data Dictionary

2.25 A brief guide to using the Interactive Data Dictionary is given below

Starting the Data Dictionary

Type `bcs26` (within the "bcs70dd" directory) to start the application.

You will be presented with an opening screen offering a number of options:

---

**1970 BRITISH COHORT STUDY (BCS70)**

BCS70    TWENTY-SIX YEAR FOLLOW-UP

Interactive Data Dictionary - Guide to Variables on the SPSS Data Set
Using the "ideaList" Information Retrieval System
VERSION 1.0 (NB: May contain errors)
(c) SSRU (this "idealList" application)/Blackwell ("ideaList" software)

YOUR NEXT MOVE... To access [...] place cursor on "!" and press F9.
Press F10 to backtrack. F1, F5, Alt, F, X refer to function keys, etc.

About BCS70 = [!BCS] About the SPSS Data = [!SPS]
About "ideaList" = [!IDL] Help from "ideaList" = F1
Search for... = F5 Exit = Alt F X

---

You are advised to always consult BCS70 survey instruments and other
documentation before selecting variables or interpreting analyses.
---

BCS70 User Support Group
Social Statistics Research Unit
City University
Northampton Square
LONDON EC1 OHB

Contact:
Telephone: (0171) 477 -8489
Fax : (0171) 477 -8583
Email : bcs70@ssru.city.ac.uk

---

**Conventions**

F1, F5, etc Refer to the function keys

Alt, F, X Refer to the Alt, F and X keys

-, + Refer to the - and + keys on the numeric keypad

[!BCS], [!IDL], etc Are cross references providing access to additional information. To activate these, place the cursor on the ! of the appropriate [...] entry and press the F9 key. Press he F10 to return to the page where you pressed the F9 key.

**Cursor movement:** Simply use the arrow/PgUp/PgDn/Home/End keys in the normal manner.

---
A brief overview of BCS70 is presented in a series of screens. The contents of these screens are shown below:

**Screen #1:**

Opening Screen = F10 Next Screen = +/- Exit = Alt F X
(F10, +, -, Alt, F, X refer to function, numeric keys, etc.)

The 1970 British Cohort Study (BCS70) is a continuing, multi-disciplinary longitudinal study which takes as its subjects all those living in Great Britain who were born between 5 and 11 April, 1970.

BCS70 began with the collection of data about the births and families of babies born in England, Scotland, Wales and Northern Ireland. At the time the study was named the British Births Survey (BBS). The National Birthday Trust Fund and the Royal College of Obstetricians and Gynaecologists sponsored this study. Since 1970 further studies were conducted in 1975, 1980, 1986 and 1996. The scope of the enquiry changed from a strictly medical focus at birth to encompass physical and educational development at the age of five, physical, educational and social development at the ages of ten and sixteen, and physical, educational, social and economic development at 26 years.

Additional information may be accessed via the menu bar at the top of this next screen.

Use the + or- keys on the numeric keypad to access the second page.

**Screen #2:**

[+/-] = Next Screen  [Open] = Opening Screen  [Alt FX] = Exit
[BBS] = About BBS   [CHES] = About CHES
[YSC] = About Youthscan  [26] = About the 26-year Follow-up

---

*  Achieved Sample - at least one survey instrument partly completed

Further information about BCS70 - [BBS], [CHES], [YCS]

Additional information about the birth survey and subsequent follow-ups which comprise BCS70 may be found by using the cross references which give access to summaries of the British Births Survey ([BBS]), the Child Health and Education Study ([CHES]), Youthscan ([YCS]) and the Twenty six-year Follow-up ([26]).

Each of these entries may also contain further cross references to additional background details.

Remember, to follow a cross reference, place the cursor on the ! of the appropriate ![...] entry and press the F9 key. Press the F10 to return to the page where you pressed the F9 key.
About the SPSS Data Set - [!SPS]

Again there are two screens.

Screen #1:

Opening Screen = [!Open] Next Screen = +/- Exit = Alt F X
Search for... = F5 (To access [!...] place cursor on "!") and press F9. Press F10 to backtrack

---

BCS70: 1996 Follow -up - SPSS Data - INTRODUCTION: Page 1 of 2

INTRODUCTION

Data gathered during the 1996 Follow -up of the 1970 British Cohort Study (BCS70) are available for secondary analysis via the Economic and Social Research Council Data Archive at the University of Essex.

Data were supplied to the Archive as SPSS data sets, and this "Interactive Data Dictionary" is designed to:

* Describe the nature and content of the SPSS data sets.
* Help you find the location of variables of interest.

It has been derived directly from information generated using SPSS, and from the other documentation prepared to accompany the data deposit.

You are advised to always consult BCS70 survey instruments and other documentation before selecting variables or interpreting analyses.

Use the + or - keys on the numeric keypad to access the second page.

This provides a series of cross references providing access to a wide range of information about the data collection and preparation, and other background information.

Remember, to follow a cross reference, place the cursor on the ! of the appropriate [!] entry and press the F9 key. Press the F10 to return to the page where you pressed the F9 key.

Screen #2:

Press the F10 key to return to previous page

---

BCS70: 1996 Follow -up - SPSS Data - INTRODUCTION: Page 2 of 2

For more information about any of the topics listed below, place cursor on the ! of the appropriate [!] entry in the right hand column and press the F9 key. To return to this page, press the F10 key.

Survey instrument [!Intruments]
Data deposited at the ESRC Data Archive [!Deposit]
Text material [!Text]
Variable names [!Names]
Longitudinal linkage [!Linkage]
Data cleaning [!Cleaning]
Missing values [!Missing]
Response bias [!Bias]
Confidential data [!Confidential]
Further information [!Info]
Acquiring BCS70 data for research [!Acquiring]

About ideaList - [!IDL]

An introduction to using the ideaList software is presented in a series of 6 screens. Use the + and/or - keys on the numeric keypad to browse these screens.
The contents of these screens are reproduced below.

**Screen #1:**

Opening Screen = [!Open] Next Screen = +/- Search for... = F5 Exit = Alt F X
(To access [!...] place cursor on "!" and press F9. Press F10 to backtrack.
F5, F9, F10, +, -, Alt, F, X refer to function, numeric keys, etc.)

"ideaList": A Brief Guide - (Screen 1 of 6)

NB: Please read what follows carefully before proceeding

Purpose: To provide information about variables on the BCS70 SPSS Data

Conventions: F1, Alt, Enter, etc below refer to F1, Alt, Enter, keys on your keyboard

+ and - below refer to + (plus) and - (minus) keys on the NUMERIC (rightmost) keypad

[!...] require you to place the cursor on "!" and press F9

F10 takes you back to your previous position

F1 will provide "ideaList" help screens

**Screen #2:**

Opening Screen = [!Open] Next Screen = +/- Search for... = F5 Exit = Alt F X
(To access [!...] place cursor on "!" and press F9. Press F10 to backtrack.
F5, F9, F10, +, -, Alt, F, X refer to function, numeric keys, etc.)

"ideaList": A Brief Guide - (Screen 2 of 6)

Search: To SEARCH = F5 (or Alt S and select from drop down menu)
Enter {string} Enter to search for all examples of {string} in BCS70 DATA SET variable names/records/variable labels, OR
F1 to display INDEX (names/records/labels are FULLY indexed)

NB: You may BROWSE index using Cursor or letters/numbers until desired string is highlighted
Pressing Return will select records containing the string

Hit List: Selected records are known as a HIT LIST
To BROADEN search = F6 (or Alt S and select from menu)
To NARROW search = F7 (or Alt S and select from menu)
To EXCLUDE from search = F8 (or Alt S and select from menu)
Screen #3:

Opening Screen = [!Open]  Next Screen = +/-  Search for... = F5 Exit = Alt F X
(To access [!...] place cursor on "!") and press F9.  Press F10 to backtrack.
F5, F9, F10, +, -, Alt, F, X refer to function, numeric keys, etc.)

"ideaList": A Brief Guide - (Screen 3 of 6)

Viewing: To VIEW records selected by SEARCH command (ie: the HIT List):

Move FORWARD/BACKWARD through records = + or - keys

For an OVERVIEW of ALL selected records = Alt V and select "Overview" from menu.  F1 will reveal list for browsing

Dropping Records: To DROP one or more records from the HIT LIST = Alt R
Using this menu you may MARK and DROP selected/all records in the HIT LIST

Screen #4:

Opening Screen = [!Open]  Next Screen = +/-  Search for... = F5 Exit = Alt F X
(To access [!...] place cursor on "!") and press F9.  Press F10 to backtrack.
F5, F9, F10, +, -, Alt, F, X refer to function, numeric keys, etc.)

"ideaList": A Brief Guide - (Screen 4 of 6)

Printing To PRINT a copy of the records on a HIT LIST = Alt X
Using this menu you may choose WHAT to "export" and to WHERE
YOU SHOULD NOT CHOOSE "Export All"
YOU ARE ADVISED TO CHOOSE "Export to File"

NB: To achieve "Export":
Alt X and select "Export to File" (This is pre-selected)
Alt F and name export format file
Name destination file (your choice)

Quiting: To leave Idealist = Alt F X
NB: Press and hold down ALT, and then press F followed by X

Screen #5:

Opening Screen = [!Open]  Next Screen = +/-  Search for... = F5 Exit = Alt F X
(To access [!...] place cursor on "!") and press F9.  Press F10 to backtrack.
F5, F9, F10, +, -, Alt, F, X refer to function, numeric keys, etc.)

"ideaList": A Brief Guide - (Screen 5 of 6)

Cross references These provide links to additional information, and are indicated by the following: [!text]

To access, place cursor over the ! (or anywhere between the square braces) and press the F9 key.  To return to the page (screen) from where you followed the cross reference.

NB: In other software, cross references are sometimes known as "hypertext links".

BCS70 Twenty-six year Follow-up: Section 2 - Page - 22
SCREEN #6:

Please note that the comments of the nature/utility of variables (NOTE field of Screen #6 above) may also contain cross references to additional information.

LONGITUDINAL LINKAGE TO EARLIER DATASETS

2.26 The unique case identifier included with the BCS70 26-year data is given by the combination of two variables - CHESNO and CTC. Both these variables should be used in matching or sorting files. For example, the appropriate SPSS code for sorting cases and linking datasets would appear as follows:

```
sort cases by CHESNO CTC
match files file=filename1/
    file=filename2/
    by=CHESNO CTC
```

2.27 The variable CHESNO records a birth event, while CTC notes whether the birth event was a singleton or multiple birth. The population for the 1970 British Cohort Study is everyone living in Great Britain and born between 5-11th April 1970. This population has grown between sweeps through immigration and these new cohort members were recruited for the follow-ups at ages 5, 10 and 16 years. As a result there are new serial numbers appearing with each sweep. For each sweep following the birth survey, the new members to the study were given new CHESNO values, and these cases will have no linkage to earlier datasets. For the BCS70 Five-year Follow-up, the new members to the study were given CHESNO values in the 30,000s and 70,000s, and these cases will have no linkage to birth data. New members at the 10-year survey were given CHESNO values in the 60,000s or 70,000s, and those new at the 16-year survey values in the 80,000s and 90,000s.

2.28 Although 26-year data may normally be matched to other BCS70 data by using CHESNO and CTC in combination as described above, users may encounter BCS70 datasets where these two variables have already been combined to form a single unique identifier named KEY, as follows:

```
KEY = (CHESNO x 10) + TC10
```

1The birth sweep covered the United Kingdom, but subsequent sweeps excluded Northern Ireland.
2.29 In order to match the 26-year data with any BCS70 dataset where KEY is the unique identifier it is necessary to create this variable in the 26-year dataset by combining CHESNO and TC10 as indicated above. Alternatively, users may partition the variable KEY in the second dataset into 2 variables - CHESNO and TC10. For example, in SPSS this would be achieved by the following commands:

```plaintext
compute CHESNO=trunc(KEY/10)
compute TC10=mod(KEY,CHESNO)
```

2.30 Users encountering problems in linking BCS70 datasets should contact the BCS70 User Support Group.
SECTION 3

BCS70 TWENTY SIX-YEAR FOLLOW-UP
ANNOTATED QUESTIONNAIRE
Annotated with (Variable names)

(CHASEN) CHES Number } To facilitate
(CTC) CHES Number Twin code } linkage with
(CCD) CHES Number Check digit } data from earlier
(KEY) Unique Case Identifier } follow-ups
(SERIAL) Serial Number on 26-year Survey
(SEX) Sex from Address File

CONFIDENTIAL

BCS70 - 1970 British Cohort Study
Following the lives of everyone in Britain born 5 -11 April, 1970

Where Are You Now?

This questionnaire is designed to gather information about what you are doing and your views on a number of current issues.

If you have any queries about this survey, or about any aspect of BCS70, please telephone the number below - we will pay the cost of the call.

0500  600  616

Please return your completed questionnaire in the envelope provided.
What we would like you to do

Please answer **ALL** the questions, unless there is an **instruction** telling you to skip questions which do not apply to you.

Here is an example:

✿ IF YOU DO NOT HAVE A JOB, DO NOT ANSWER THESE QUESTIONS, PLEASE CONTINUE AT Q.20, PAGE 5.

How to answer the questions

Please follow the instructions given for each question. You may be asked to give your answers in a number of ways. For some questions you will be asked to tick a box, for others you will have to write your answer, and sometimes you may have to do both.

Here are some examples:

1  **Please tick one box**
   
   For example: Yes ✐ No ✐

2  **Please tick all that apply**
   
   For example: Neither ✐ Glasses ✐ Contact lenses ✐

3  **Please write in**
   
   For example:

   What is the name or title of your job?
   *Please write in*

   NURSE - STATE REGISTERED (SRN)

4  **Tick box and write in where appropriate**
   
   For example:

   Own ✐ Renting ✐ Other arrangement ✐ ✑ Please say what below

   **L I V E I N N U R S E S H O M E**

   *If there is not enough space, you can continue your answer on page 15.*

   As indicated, if there is not enough space provided for your answer, you can use the space on page 15.

5  **Please tick a box or write in**
   
   For example: Never been unemployed ✐

   Number of times unemployed 5
Your Views

1. People have very different opinions about many things. Below is a list of statements on different topics on which we’d like your views. Please read each statement then decide how much you agree or disagree with the opinion and tick the relevant BOX on the right.

**Please tick one box for each statement**

<table>
<thead>
<tr>
<th>Strongly Agree</th>
<th>Agree</th>
<th>Uncertain</th>
<th>Disagree</th>
<th>Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>The law should be obeyed, even if a particular law is wrong</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>There should be more women bosses in important jobs in business and industry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Having almost any job is better than being unemployed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For some crimes the death penalty is the most appropriate sentence</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>When both partners work fulltime, the man should take an equal share of domestic chores</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>It does not really make much difference which political party is in power in Britain</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Divorce is too easy to get these days</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If I didn’t like a job I’d pack it in, even if there was no other job to go to</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marriage is for life</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Training, Qualifications and Skills

2. How old were you when you left school (including 6th form college)? Please write in ______ years old
   (B960129)

3. And how old were you when you left full-time education? Please tick the box or write in your age
   Still in full-time education ☐ ______ years old
   (B960131) (B960132)

4. Since you left full-time education have you been on any of the following? Please tick all that apply and write in the number where appropriate

   | Courses leading to qualifications (EXCEPT youth training) | | |
   | (B960134) | ☐ | ______ | (B960135) |

   | Youth Training Scheme (YTS) | | |
   | (B960137) | ☐ | ______ | (B960138) |

   | Other government schemes | | |
   | (B960140) | ☐ | ______ | (B960141) |

   | Work related training provided by an employer and lasting 3 days or more | | |
   | (B960143) | ☐ | ______ | (B960144) |
5. We are interested in knowing about **any** qualifications you may have gained **at any time**, either at school or since.

   **a)** Which, if any, of the following qualifications have you gained, and how many do you have? **Please tick all that apply and write in the number gained where appropriate.**

   **If any:**
   **How many?**

<table>
<thead>
<tr>
<th>Options</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>No qualifications</td>
<td></td>
</tr>
<tr>
<td>CSE - grade 1</td>
<td></td>
</tr>
<tr>
<td>CSE - other grades</td>
<td></td>
</tr>
<tr>
<td>GCE &quot;O&quot; Level - passes or grades A-C</td>
<td></td>
</tr>
<tr>
<td>GCE &quot;O&quot; Level - other grades</td>
<td></td>
</tr>
<tr>
<td>GCSE - grades A-C</td>
<td></td>
</tr>
<tr>
<td>GCSE - other grades</td>
<td></td>
</tr>
<tr>
<td>GCE &quot;A&quot; Level</td>
<td></td>
</tr>
<tr>
<td>Scottish &quot;O&quot; Grade - passes or grades A-C</td>
<td></td>
</tr>
<tr>
<td>Scottish &quot;O&quot; Grade - other grades</td>
<td></td>
</tr>
<tr>
<td>Scottish Standard Grade - grades 1-3</td>
<td></td>
</tr>
<tr>
<td>Scottish Standard Grade - other grades</td>
<td></td>
</tr>
<tr>
<td>Scottish Higher Grade</td>
<td></td>
</tr>
<tr>
<td>Scottish Certificate of 6th Year Studies</td>
<td></td>
</tr>
<tr>
<td>HE Diploma</td>
<td></td>
</tr>
<tr>
<td>First Degree (BA, BSc, BEd, etc)</td>
<td></td>
</tr>
<tr>
<td>PGCE</td>
<td></td>
</tr>
<tr>
<td>Post Graduate Degree (MA, MSc, PhD, etc)</td>
<td></td>
</tr>
<tr>
<td>Other academic qualifications</td>
<td></td>
</tr>
</tbody>
</table>

   Please give full name of qualification(s) below.

   Q5A01-Q5A12 - See List of Open-coded Variables

   If there is not enough space, you can continue your answer on page 15.

   **b)** Have you gained any other qualifications since leaving school, including any technical, vocational, or professional qualifications? **Please tick one box and give details where appropriate.**

   Please include HGV, PSV, RSA, Pitmans, City & Guilds, TEC, BEC, SEN, SRN, NNEB, membership of professional institutions, or any similar technical, vocational, or professional qualifications

<table>
<thead>
<tr>
<th>Options</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

   Please give full name of qualification(s) below.

   Q5B01-Q5B12 - See List of Open-coded Variables

   If there is not enough space, you can continue your answer on page 15.
6. People have a variety of skills. Please answer question a) for each of the skills listed below. If you have the skill, please also answer question b).

**a) How good are you at this skill?**

<table>
<thead>
<tr>
<th>Skill</th>
<th>Good</th>
<th>Fair</th>
<th>Poor</th>
<th>Don't have skill</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Writing clearly</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Using tools properly</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Typing or using a computer keyboard</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Using a computer to solve problems or get information</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Looking after people who need care</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teaching or instructing children or adults</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carrying out mathematical calculations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Understanding finance and accounts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**b) If you have this skill:**

Do you use it at work? Please tick one box below for each skill

<table>
<thead>
<tr>
<th>Skill</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

Jobs and All That

7. Since you were 16, how many full-time jobs lasting a month or more have you had?

**Please tick the box or write in number**

- Never had a full-time job [ ] (B960240)
- Number of full-time jobs [ ] (B960241) **FULL-TIME= 30 or more hours a week**

8. And since you were 16, how many part-time jobs lasting a month or more have you had?

**Please tick the box or write in number**

- Never had a part-time job [ ] (B960243)
- Number of part-time jobs [ ] (B960244) **PART-TIME= under 30 hours a week**

9. Since you were 16, has there ever been any period of a month or more when you did not have a paid job and your situation was best described by one of the things listed below?

**Please tick all that apply and write in the number of periods where appropriate**

<table>
<thead>
<tr>
<th>Period Description</th>
<th>[ ]</th>
<th>[ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unemployed and seeking work</td>
<td></td>
<td></td>
</tr>
<tr>
<td>At home full-time looking after children or others</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unable to work for health reasons (not sick leave)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not in a paid job for some other reason</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If any:

- How many periods of one month or more?
  - Unemployed and seeking work [ ] (B960246) [ ] (B960247)
  - At home full-time looking after children or others [ ] (B960249) [ ] (B960250)
  - Unable to work for health reasons (not sick leave) [ ] (B960252) [ ] (B960253)
  - Not in a paid job for some other reason [ ] (B960255) [ ] (B960256)
10. Since you were 16, what is the length of the longest single period when you were unemployed and seeking work? Please tick one box only

- Never been unemployed
- 7-11 months
- 3 months or less
- 1-2 years
- 4-6 months
- More than 2 years

(B960258)

11. Which of the following best describes what you are currently doing? Please tick all that apply

- Full-time paid employee (30 or more hours a week)
- Part-time paid employee (under 30 hours a week)
- Full-time self employed
- Part-time self employed
- Unemployed and seeking work
- Full-time education
- Temporarily sick/disabled (less than 6 months)
- Long-term sick/disabled (6 months or longer)
- Looking after home/family
- On a training scheme
- Something else

Please say what below (B960269)

Q11OTHER - See List of Open-coded Variables

IF YOU CURRENTLY HAVE A JOB, OR ARE SELF-EMPLOYED, PLEASE ANSWER THE QUESTIONS BELOW ABOUT YOUR JOB OR BUSINESS.

IF YOU HAVE MORE THAN ONE JOB, PLEASE ANSWER THE QUESTIONS ABOUT YOUR "MAIN" JOB.

IF YOU DO NOT HAVE A JOB, DO NOT ANSWER THESE QUESTIONS, PLEASE CONTINUE AT Q.20, PAGE 6.

12. In what year did you start your current job? Please write in 19 ______ (B960270)

13. What is the name or title of your job? (Include details of any grade or rank that you may have) Please write in

SOC-HGSCALE - See List of Open-coded Variables

14. What type of work do you do most of the time? (Include details of any machinery or special materials used or any special skills/training) Please write in

SOC-HGSCALE - See List of Open-coded Variables
15. What is made or done by your employer or business?

*Please write in*

Not currently available

16. Including yourself about how many people work at the same place as you?

*Please tick one box only*

- 10 or less ☐
- 11 - 25 ☐
- 26 - 99 ☐
- 500 or more ☐
- 10 - 499 ☐
- Don’t know/Varies ☐

17. Do you supervise other people?

*Please tick one box only*

- No ☐
- Yes ☒

*Please write in number supervised: _____*

18. How many hours do you usually work each week? *Please include any paid overtime you usually do, but exclude meal-breaks. Please write in number*

*Hours in average week: _____*  

19. What is your usual take home pay (after deductions, but including any bonuses or overtime)? *Please write in the amount and tick one box for period covered*

*Amount of take home pay (to nearest £): ____________*  

*Period pay covers. Please tick one box only*  

- Hour ☐
- Day ☐
- Week ☐
- Month ☐
- Year ☐

- Other period ☐

*Please say what below*

Q19OTHER - See List of Open-Coded Variables

Relationships, Marriage and Children

20. Are you currently in a relationship with someone, whether or not you are living together?  

*Please tick as appropriate*

- No ☐
- Yes ☒

*Is your partner:*

- Male ☐
- Female ☒

21. Which of the things below best describes your current situation?  

*Please tick one box only*

- Living with your husband or wife ☐
- Living as a couple with someone ☐  

(B960321)

- Living alone or in some other arrangement ☐
22. What is your current legal marital status?  
*Please tick one box only and write in date of marriage where appropriate*

- Single and never married (B960322)
- Married, first and only marriage
- Remarried, second or later marriage
- Separated
- Divorced
- Widowed

*Living as a couple without being legally married to your partner should not be counted as "married".*

(B960322)  
Month: (B960323)  
Year: 19 (B960325)

23. When did you start living with your partner?  
*Please write month and year*

Month: ___      Year: 19 ___  
(B960327)  
(B960329)

24. Which of the following best describes what your partner is currently doing?  
*Please tick one box only*

- Working full-time (30 or more hours a week)
- Working part-time (under 30 hours a week)
- Self-employed
- Unemployed (B960331)
- In full-time education
- Looking after children or at home full-time
- Something else

25. Does your current partner have any children from a previous relationship that do not live with you?  
*Please tick one box only*

- Yes
- No
- Don't know (B960332)

*Please write in the number or tick box*

Number of children: ______  
Do not have children (B960333)  
(B960334)

27. Is your current partner the other parent of some or all of your children?  
*Please tick one box only*

- No current partner (B960335)
- Yes, of all children
- Yes, of some children
- No, of none

28. Do all your children live with you?  
*Please tick one box only*  
(B960336)

- Yes, all
- Yes, some
- No, none
Household and Housing

Please answer these questions about your normal “home” address. If you are away from your “home” address for 6 months or more, please answer these questions about your address away from “home”.

29. We’d like to know a little bit about the members of your household the people who you normally live with, and with whom you share a living room OR normally share at least one meal a day.

Please complete one line below for each member of your household.

If you are NOT living in a self-contained household (eg: if you are living in a hostel or similar accommodation), please answer these questions just about any of your family living with you.

THE FIRST LINE IS FOR YOUR DETAILS. PLEASE GIVE YOUR SEX AND AGE.

<table>
<thead>
<tr>
<th>FIRST NAME</th>
<th>SEX</th>
<th>AGE</th>
<th>RELATIONSHIP TO YOU</th>
</tr>
</thead>
<tbody>
<tr>
<td>YOU</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(B960337)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(B960340)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>(B960345)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(B960350)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>(B960355)</td>
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<td>(B960360)</td>
<td></td>
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<td></td>
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<tr>
<td>(B960370)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(B960375)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(B960412)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

List of relationships:

01 Lawful Spouse 07 Brother/Sister 12 Friend/Unrelated sharer
02 Live-in partner 08 Brother/Sister In-Law 13 Landlord
03 Own Child 09 Parent 14 Employer
04 Adopted Child 10 Parent In-Law 15 Other
05 Fostered Child 11 Other relative
06 Stepchild/Partner’s Child
30. In what year did you start living at your present address? (B960417) (B960419)

Please write in month and year.

Month: ____________ Year: ______

31. Do you own or rent your home, or do you have some other arrangement?

Please tick one box only

- Own outright
- Buying on mortgage/loan
- Rented from a local authority or housing association
- Rented from a private landlord
- Rented from some other landlord
- Living with parents - paying rent
- Living with parents - rent-free
- Other arrangement

Please say what below

Q31OTHER - See Lost of Open-coded Variables

32. Not including any bathroom or kitchen, how many rooms are there in your home?

Please write in number

Number of rooms: ______ (B960422)

33. Below is another list of statements on different topics on which we'd like your views. Once again, please read each statement then decide how much you agree or disagree with the opinion and tick the relevant BOX on the right.

Please tick one box for each statement

<table>
<thead>
<tr>
<th>Statement</th>
<th>Strongly Agree</th>
<th>Agree</th>
<th>Uncertain</th>
<th>Disagree</th>
<th>Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Politicians are mainly in politics for their own benefit and not for the benefit of the community</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
</tr>
<tr>
<td>Censorship of films and magazines is necessary to uphold moral standards</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
</tr>
<tr>
<td>Men and women should all have the chance to do the same kind of work</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
</tr>
<tr>
<td>None of the political parties would do anything to benefit me</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
</tr>
<tr>
<td>People who break the law should be given stiffer sentences</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
</tr>
<tr>
<td>Couples who have children should not separate</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
</tr>
<tr>
<td>Government should redistribute income from the better off to those who are less well off</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
</tr>
<tr>
<td>If a child is ill and both parents are working, it should usually be the mother who takes time off work to look after the child</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
<td>❑</td>
</tr>
</tbody>
</table>
34. How would you describe your general health?  Please tick one box only
Excellent ☐  Good ☐  Fair ☐  Poor ☐  (B960432)

35. How tall are you?  Please write in
feet: __________ inches: __________  OR  metres: __________ cms: __________

36. How much do you weigh?  Please write in
stones: __________ lbs: __________  OR  kilograms: __________

37. Would you say that you were...
Please tick one box only
- Very underweight ☐
- Slightly underweight ☐
- About the right weight ☐  (B960445)
- Slightly overweight ☐
- Overweight ☐
- Don't know ☐

38. Below is a list of health problems. Please answer question a) for each. Please also answer question b) for each problem you have ticked for question a).

a) Since you were 16, have you suffered from this health problem?  Please tick all that apply in column a) below.

b) If you have suffered from this health problem since you were 16, was this in the last 12 months?  Please tick all that apply in column b) below.

Have you suffered from any of these...

a) Since you were 16?

<table>
<thead>
<tr>
<th>Health Problem</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Migraine</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Hay fever</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Asthma</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Bronchitis</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Wheezing when you have a cold/flu</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Skin problems:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>eczemain</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>other skin problems</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Fits, convulsions, epilepsy</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Persistent joint or back pain</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Diabetes</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Persistent trouble with teeth, gums or mouth</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Cancer</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Stomach or other digestive problems</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Bladder or kidney problems</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Depression for more than a few days</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Hearing difficulties</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Other problems with your ears</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Frequent problems with periods or other gynaecological problems</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Other health problem</td>
<td>☐</td>
<td>☑</td>
</tr>
</tbody>
</table>

If there is not enough space, you can continue your answer on page 15.
39 a) Since you were 16, have you ever had any trouble with your eyes or eyesight in one or both eyes? Please tick all that apply

- No sight problem
- Short-sight
- Long-sight
- Astigmatism
- Other sight problem Please describe below

Q39_1, Q39_2 - See List of Open-coded Variables

b) Do you wear glasses or contact lenses some or all of the time? Please tick all that apply

- Neither
- Glasses
- Contact lenses

40. Since you were 16, how many times have you had medical treatment because of an accident, injury or assault? Please tick the box or write in number

- No accidents or assaults needing medical attention
- Number of accidents or assaults: ______

Injuries suffered
Please describe
Where it happened
Please tick one box
Where treated
Please tick all that apply
Your age at the time

If there is not enough space, you can continue your answer on page 15.

41. Do you suffer from any long term health problem, long standing illness, infirmity or disability of any kind? Please include any you have already reported. Please tick one box only

- No
- Don't know
- Yes Please describe below

Q41OTH1-Q41OTH6 - See List of Open-coded Variables

If there is not enough space, you can continue your answer on page 15.
Drinking and Smoking

42. How often do you have an alcoholic drink?  
**Please tick one box only**  
(B960567)

- Most days
- Less often/occasionally
- 3 or 4 times a week
- Only on special occasions
- Once or twice a week
- Never drink alcohol

43. In the last week I have drunk:  
**Please tick box or write in amount for each**

- No alcohol at all
- Shandy  
- Beer/lager  
- Low alcohol beers/lagers
- Cider
- Low alcohol cider
- Wine
- Low alcohol wine
- Spirits (Gin, Whisky, Vodka, Rum, Brandy)  
- Martini/Cinzano/Sherry
- Other alcoholic drink  

**Amount**

- Enter "0" (zero) for any not drunk in the last week

44. Which of the following describes your smoking habit?  
**Please tick one box only**  
(B960632)

- I've never smoked
- I used to smoke but don't at all now
- I now smoke occasionally but not every day
- I smoke every day

**IF YOU DO SMOKE:**  
How many of the following do you usually smoke in a day?  
**Please write in**

- Number of cigarettes:  
- Number of cigars:
### How You Feel

45. These questions are concerned with how you are feeling generally. Please answer them by ticking either the "Yes" or "No" box for each one. It is important that you try to answer **ALL** the questions.

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you often have backache?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you feel tired most of the time?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you often feel miserable or depressed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you often have bad headaches?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you often get worried about things?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you usually have great difficulty in falling or staying asleep?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you usually wake unnecessarily early in the morning?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you wear yourself out worrying about your health?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you often get into a violent rage?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do people often annoy and irritate you?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have you at times had twitching of the face, head or shoulders?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you often suddenly become scared for no good reason?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Are you scared to be alone when there are no friends near you?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Are you easily upset or irritated?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Are you frightened of going out alone or of meeting people?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Are you constantly keyed up and jittery?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you suffer from indigestion?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you suffer from an upset stomach?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is your appetite poor?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Does every little thing get on your nerves and wear you out?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Does your heart often race like mad?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do you often have bad pains in your eyes?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Are you troubled with rheumatism or fibrositis?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have you ever had a nervous breakdown?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
46. How interested would you say you are in politics?
   Please tick one box only
   (B960661)
   Very interested ☐  Fairly interested ☐  Not very interested ☐  Not at all interested ☐

47. If there was a general election tomorrow, which political party would you vote for?
   Please tick one box only
   (B960662)
   Would not vote ☐  Plaid Cymru ☐  Conservative ☐  Scottish National ☐  Labour ☐  Other party ☐  Please say which below

48. Do you regard yourself as belonging to any particular religion?
   Please tick one box and write in if appropriate
   (B960663)
   No, no religion ☐  Yes ☐  Please say which below
   Q48 - See List of Open-coded Variables

49. How do you feel your standard of living compares to most other people your age?
   Please tick one box only
   (B960664)
   Much better ☐  A bit better ☐  The same ☐  A bit worse ☐  Much worse ☐

50. Generally speaking, which of these two statements is most true for you?
    Please tick one box only
    (B960665)
    I usually have a free choice and control over my life ☐  Whatever I do has no real effect on what happens to me ☐

51. Here is a scale from 0 to 10. On it, “0” means that you are completely dissatisfied and “10” means that you are completely satisfied. Please tick the box with the number above it which shows how dissatisfied or satisfied you are about the way your life has turned out so far.

<table>
<thead>
<tr>
<th>Completely Dissatisfied</th>
<th>Completely Satisfied</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 1 2 3 4 5 6 7 8 9 10</td>
<td></td>
</tr>
</tbody>
</table>
Thank you for taking the time to complete this questionnaire.

Please use the space below to:

🌟 Continue your answer to any question
🌟 Tell us anything you like about your life that our questions have not covered.

__________________________________________________________________________

(B960668)

Please continue on a separate sheet of paper if necessary.

This is the end of the questions.

THANK YOU FOR ALL YOUR HELP!

Please return your completed questionnaire in the envelope provided.
List of Open-coded Variables

Q5a) Other academic qualification

Q5A01  Other academic qualification #01
Q5A02  Other academic qualification #02
Q5A03  Other academic qualification #03
Q5A04  Other academic qualification #04
Q5A05  Other academic qualification #05
Q5A06  Other academic qualification #06
Q5A07  Other academic qualification #07
Q5A08  Other academic qualification #08
Q5A09  Other academic qualification #09
Q5A10  Other academic qualification #10
Q5A11  Other academic qualification #11
Q5A12  Other academic qualification #12

Q5b) Other vocational qualification

Q5B01  Vocational qualification #01
Q5B02  Vocational qualification #02
Q5B03  Vocational qualification #03
Q5B04  Vocational qualification #04
Q5B05  Vocational qualification #05
Q5B06  Vocational qualification #06
Q5B07  Vocational qualification #07
Q5B08  Vocational qualification #08
Q5B09  Vocational qualification #09
Q5B10  Vocational qualification #10
Q5B11  Vocational qualification #11
Q5B12  Vocational qualification #12

Q11 Other economic status

Q11OTH1 Q11 Other economic status 1
Q11OTH2 Q11 Other economic status 2

Q13 Name or title of job/Q14 Type of work

SOC     CASOC CURRENT JOB: SOC-Stand Occ Classifcn
CAMSUB  CASOC CURRENT JOB: Cambridge Sub-Group, etc
EMPIN   CASOC CURRENT JOB: Employment Status-input
EMPCHK  CASOC CURRENT JOB: Employment Status-check
CAMSCALM CASOC CURRENT JOB: Cambridge Score-MALES
CAMSCALF CASOC CURRENT JOB: Cambridge Score-FEMALES
SEG91   CASOC CURRENT JOB: Socio-Economic Group '91
RGSC91  CASOC CURRENT JOB: RGs Social Class 1991
ISCO   CASOC CURRENT JOB: ISCO '88-Int Occ Classfn
KOS     CASOC CURRENT JOB: KOS-Key Occs for Stats
CODOT   CASOC CURRENT JOB: CODOT - 3 digit
OPCOD81 CASOC CURRENT JOB: OPCS '81-Operatnl Code
OPUG81  CASOC CURRENT JOB: OPCS '81-Occpun Unit Grp
SEG81   CASOC CURRENT JOB: Socio-Economic Group '81
RGSC81  CASOC CURRENT JOB: RGs Social Class 1981
OPUG71  CASOC CURRENT JOB: OPCS '71-Occpun Unit Grp
SEG71   CASOC CURRENT JOB: Socio-Economic Group '71
RGSC71  CASOC CURRENT JOB: RGs Social Class 1971
OPUG66  CASOC CURRENT JOB: RGs '66-Occpun Unit Grp
SEG66   CASOC CURRENT JOB: Socio-Economic Group '66
RGSC66  CASOC CURRENT JOB: RGs Social Class 1966
OPUG61  CASOC CURRENT JOB: RGs '61-Occpun Unit Grp
SEG61   CASOC CURRENT JOB: Socio-Economic Group '61
RGSC61  CASOC CURRENT JOB: RGs Social Class 1961
GOLDTH90 CASOC CURRENT JOB: Goldthorpe Soc Class '90
GOLDTH80 CASOC CURRENT JOB: Goldthorpe Soc Class '80
GOLDTH70 CASOC CURRENT JOB: Goldthorpe Soc Class '70
Q19 Other pay period

Q19OTHER Q19 Other pay period

Q31 Other tenure

Q31OTHER Q31 Other tenure

Q38 Other health problem

Q38OTH1 Q38 Other health problem 1
Q38OTH2 Q38 Other health problem 2
Q38OTH3 Q38 Other health problem 3
Q38OTH4 Q38 Other health problem 4
Q38OTH5 Q38 Other health problem 5
Q38OTH6 Q38 Other health problem 6

Q39 Other sight problem

Q39_1 Q39 Other sight problem #1
Q39_2 Q39 Other sight problem #2

Q40 Accident, injury or assault

Q40A1 Q40 Accident, etc 1/Injury 1
Q40A2 Q40 Accident, etc 1/Injury 2
Q40A3 Q40 Accident, etc 1/Injury 3
Q40A4 Q40 Accident, etc 1/Injury 4
Q40B1 Q40 Accident, etc 2/Injury 1
Q40B2 Q40 Accident, etc 2/Injury 2
Q40B3 Q40 Accident, etc 2/Injury 3
Q40B4 Q40 Accident, etc 2/Injury 4
Q40C1 Q40 Accident, etc 3/Injury 1
Q40C2 Q40 Accident, etc 3/Injury 2
Q40C3 Q40 Accident, etc 3/Injury 3
Q40C4 Q40 Accident, etc 3/Injury 4
Q40D1 Q40 Accident, etc 4/Injury 1
Q40D2 Q40 Accident, etc 4/Injury 2
Q40D3 Q40 Accident, etc 4/Injury 3
Q40D4 Q40 Accident, etc 4/Injury 4

Q41 Disability

Q41OTH1 Q41 Disability 1
Q41OTH2 Q41 Disability 2
Q41OTH3 Q41 Disability 3
Q41OTH4 Q41 Disability 4
Q41OTH5 Q41 Disability 5
Q41OTH6 Q41 Disability 6

Q43 Other alcoholic drink

Q43OTH01 Shandy (pints)
Q43OTH02 Beer/lager (pints)
Q43OTH03 Low alcohol beer/lager (pints)
Q43OTH04 Cider (pints)
Q43OTH05 Low alcohol cider (pints)
Q43OTH06 Wine (glasses)
Q43OTH07 Low alcohol wine (glasses)
Q43OTH08 Spirits (single measure)
Q43OTH09 Martini, etc (small glasses)
Q43OTH10 Alcopops (bottles)
Q43OTH11 Liqueur (small glasses)
Q43OTH12 Other alcohol
Q43OTH13 Other answer

Q47 Other party vote
Q47OTHER Vote for other party

Q48 Religion
Q48 Q48 Religion
SECTION 4

APPENDICES

APPENDIX 1: Summary of Information Collected at Birth, 5, 10, 16 and 26 years.

APPENDIX 2: Publications and Reports.

APPENDIX 3: Coding frames for open-ended questions

APPENDIX 4: Derived Variables
APPENDIX 1

Summary of Information Collected at Birth, 5, 10, 16 and 26 years
BCS70: Summary of Information Collected at Birth, 5, 10, 16 and 26 years.

A2.1 This Appendix provides a brief summary of the wide range of information that has been collected from and about BCS70 cohort members during the birth survey and subsequent follow-ups.

**British Birth Survey: 1970**

<table>
<thead>
<tr>
<th>Parents</th>
<th>Medical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Father's occupation</td>
<td>Abnormalities during pregnancy</td>
</tr>
<tr>
<td>Mother's occupation</td>
<td>Length &amp; abnormalities of labour</td>
</tr>
<tr>
<td>Marital status</td>
<td>Analgesia &amp; Anaesthesia</td>
</tr>
<tr>
<td>Child care</td>
<td>Sex, weight, progress, management &amp; outcome of infant</td>
</tr>
<tr>
<td>Mother's smoking during pregnancy</td>
<td>Obstetric history</td>
</tr>
<tr>
<td>Contraception</td>
<td></td>
</tr>
<tr>
<td>Antenatal care</td>
<td></td>
</tr>
</tbody>
</table>

**1970 British Cohort Study, First Follow-up (Child Health and Education Study). 1975**

<table>
<thead>
<tr>
<th>Parents</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social and family background</td>
<td>Human figure drawing test</td>
</tr>
<tr>
<td>Environmental background</td>
<td>Copying designs test</td>
</tr>
<tr>
<td>Assessment of the child's behaviour</td>
<td>English picture vocabulary test</td>
</tr>
<tr>
<td></td>
<td>Schonell graded reading test</td>
</tr>
<tr>
<td></td>
<td>Complete-a-profile test</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Medical</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Height and head circumference</td>
<td></td>
</tr>
<tr>
<td>Use of health services</td>
<td></td>
</tr>
<tr>
<td>Screening and assessment procedure</td>
<td></td>
</tr>
<tr>
<td>High risk factors</td>
<td></td>
</tr>
</tbody>
</table>
1970 British Cohort Study, Second Follow-up (Child Health and Education Study): 1980

**Parents**

Medical history  
Accidents  
Use of health services  
Father's occupation  
Mother's occupation  
Type of accommodation  
Parent's level of education  
Household amenities  
Neighbourhood  
Hospital admissions  
Clinic attendance  
The child at school  
Child's skills  
Child's behaviour Maudsley Parental Behaviour Inventory  
Mother's health Cornell Health Inventory

**Medical**

Medical examination  
Disability and chronic illness  
Height and weight  
Head circumference  
Blood pressure  
Pulse  
Near and distant vision  
Audiometry  
Laterality  
Co-ordination

**School**

School composition  
Curriculum  
Discipline and ethos  
Teacher's assessment of child's ability  
Maudsley Behaviour Inventory  
Conners Hyperactivity Scale

**Subject**

Academic success  
Smoking  
Attitudes to school  
Food and drink consumed  
Caracol scale (ability to 'control' destiny)  
Lawseq Self-esteem scale  
Eysenck Personality Inventory  
English Picture Vocabulary Test  
Writing, copying and spelling tests  
Social judgement scale  
British ability scales  
Mathematics test  
Shortened Edinburgh Reading Test

BCS70 Twenty-six year Follow-up Section 4 - Page -4 4
Parents

Health status
Family health
Chronic illness and disability
Medication
Accidents and injuries
Use of health services
Social experience
Father's occupation
Mother's occupation
Parental situation
Family finances
Household amenities
Accommodation type
Number of rooms
Neighbourhood
Alcohol consumption
Smoking
Performance at school
Life skills
Behaviour

Medical

Special requirements
Chronic illness and disability
Psychological/psychiatric problems
Medical examination
Blood pressure
Distant and near vision tests
Motor co-ordination tests
Audiometry
Height and weight
Head circumference

School

Curriculum
Teaching methods
Special education
Teacher's assessment of behaviour
Academic achievement
Academic potential
Absences from school

Subject

Exercise and sporting activities
Hygiene
Diet (including a four day diary)
Diary of all activities over four days
Leisure activities
Family life
Religion
Leaving home
Money
Smoking
Alcohol
Laterality
Television, video and radio
Friends and social behaviour
Law and order
Sexual behaviour
Self-esteem
Health status
Medical history
Attitudes to health and emotions
Drug use
School
Occupational interests
Reading, spelling and vocabulary tests
Mathematics tests
Life-skill tests (education, training and employment)
1970 British Cohort Study, Fourth Follow-up (BCS70). 1996

*Subject*

**Views on**
- politics
- sex equality
- law and order
- traditional marital values
- work
- standard of living
- life satisfaction
- feels in control of life

**Training, qualifications, skills**
- date left school
- date left full-time education
- nature and number of training courses
- nature and number of academic and vocational qualifications gained
- self-perceived skills

**Employment history**
- number of jobs
- number of periods unemployed
- length of longest period of unemployment
- number/nature of periods out of the labour force
- current economic status
- details of any current job
  - year job started
  - job title
  - work done
  - nature of employers business
  - number of employees
  - number supervised
  - average weekly hours
  - usual take home pay

**Relationships marriage and children**
- current relationships
- marital status
- date of (most recent) marriage
- when started living with any partner
- economic status of spouse/partner
- has spouse/partner children from a previous relationship
- number of children
- current spouse/partner the other parent of some/all children
- do all children live with CM
- household composition
- year began living at current address
- tenure
- number of rooms in accommodation

**Health**
- self-assessment of general health
- self-reported height
- self-reported weight
- experience of ≥20 medical conditions/symptoms since 16
- eyesight problems
- details of accidents/injuries/assaults since 16
- disability
- drinking and smoking habits
- Malaise Inventory - depression

**Other**
- voting intentions
- religious affiliation
APPENDIX 2

Publications and Reports.
BOOKS AND MONOGRAPHS

*From Birth to Five: A Study of the Health and Behaviour of Britain's Five year olds.*
Oxford: Pergamon Press.

Bynner, J., and Steedman, J,, 1995
*Difficulties with Basic Skills. Findings from the 1970 British Cohort Study.*
London: Basic Skills Agency (BSA).

Bynner, J., Ferri, E., Shepherd, P. 1997
*Twenty- something in the 1990s: Getting on, Getting by, Getting Nowhere.*
Aldershot: Ashgate.

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*Adult Life and Basic Skills.*
London: Basic Skills Agency.

Chamberlain, G., Philipp, E., Howlett, B.C. and Masters, K. 1978
*British Births: Vol. 2 Obstetric Care.*

Chamberlain, R., Chamberlain, G., Howlett, B.C. and Claireaux, A. 1975
*British Births: Vol. 1. The First Week of Life.*

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

Ekinsmyth, C. and Bynner, J. 1994
*The Basic Skills of Young Adults. Some findings from the 1970 British Cohort Study.*
London: Adult Literacy and Basic Skills Unit: (ALBSU).

Furlong, A. 1993
*Schooling for Jobs: Change in the career preparation of British secondary school children.*
Aldershot: Avebury.

Osborn, A.F. and Butler, N.R. 1985
*Ethnic Minority Children. A Comparative Study from Birth to Five Years.*

*The Social Life of Britain's Five Year Olds. A report of the Child Health and Education Study.*

Osborn, A.F. and Milbank, J.E. 1987
*The Effects of Early Education. A report from the Child Health and Education Study of children in Britain born 5-11 April 1970.*

St. Claire, L. and Osborn, A.F. 1987
The ability and behaviour of children who have been 'in care' or separated from their parents. Report to the Economic and Social Research Council. *Early Child Development and Care, Volume 28, Monograph pp 187 - 354.*

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Atkinson, S. and Butler, N.R. 1985
Vision problems in under 5's.

Britten, N. and Heath, A. 1983
Women and men and social class.

Butler, N.R. 1977
Family and community influences on 0-5's; utilisation of pre-school day-care and preventive health care.
In: Implications for parents, the public and policy makers on 0-4's - a changing population. Papers from a seminar of Institute of Child Health, University of London, 20 May 1977
Voluntary Organisations' Liaison Council for Under Five's; pp 60.

Bynner, J. 1995
Skills and Disadvantage in Labour Market Entry.
In: Berufssstart benachteiligter, Jugendlicher in Europa - Konzepte zur beruflichen Integration im regionalen Kontext. Haubrich, K. and Reubel, F. (eds)
DJI-Arbeitspapier Nr. 2-095, Munich: DJI.

Bynner, J. 1996
Aldershot: Avebury.

Bynner, J. 1998
Cambridge University Press.

Dowling, S.F.O. 1977
The interrelationship of children's use of child health clinics and day-care facilities in the pre-school years.
In: Implications for parents, the public and policy makers on 0-4's - a changing population. Papers from a seminar of Institute of Child Health, University of London, 20 May 1977.
Voluntary Organisations' Liaison Council for Under Five’s; pp 67.

Evans, J.A., Golding, J. 1990
Parental smoking and respiratory problems in childhood.
In: The Effects of Smoking on the Foetus, Neonate and Child. Ciba Foundation Symposium. p 121

Golding, J. 1984
Britain's national cohort studies.
Edinburgh: Churchill Livingstone; pp 178-86.

Golding, J. 1986
Child Health and the Environment.
In: British Medical Bulletin.42: pp 204-211.

Golding, J. 1986
Cross-cultural correlates of ill-health in childhood

Golding, J. 1988
Does illegitimacy affect the baby?

Golding, J. 1989
Illegitimate births: Do they suffer in the long term?

Golding, J. and Butler, N.R. 1983
Conulsive disorders in the Child Health and Education Study.

Golding, J. and Butler, N.R. 1984
The socio-economic factor.

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Wheezing and stress?

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Intramuscular vitamin K and childhood cancer: two British studies.

Haslum, M.N., Morris, A.C. and Butler, N.R. 1985
A cohort study of special educational needs in ten-year-olds in the United Kingdom.

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Family history and child behaviour the problem and value of studying the effects of change.

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Later results of obstetrical care.
Peters, T. and Golding, J. 1985
Assessing risk assessment.

Pollock, J.I., 1989
Health behaviour of women and long term associations in their children.
Health Promotion Research Trust, pp. 7-17

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A preliminary analysis of interactions between smoking and infant feeding.
In: The Effects of Smoking on the Foetus, Neonate and Child.
Ciba Foundation Symposium. pp 108-120

Stewart-Brown, S. 1986
Visual defects in school children. Screening policy and educational implications.
London: Churchill Livingstone. pp 14-37

Verity, C.M. and Ross, E.M. 1985
Longitudinal Studies of children's epilepsy.
In: Paediatric Perspectives on Epilepsy: Ross, E. and Reynolds, E. (eds)
Chichester: Wiley pp 133140.

The role of national longitudinal studies in the prediction of health, development and behaviour.

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Banks, M.H and Roker, D.
Work Attitudes, Knowledge and Attributions of Private and State School Pupils: Evidence from the YOUTHSCAN Stud

Barker, D.J.P., Osmond, C., Golding, J. Wadsworth, M.E.J.
Acute appendicitis and bathrooms in three samples of British children.

Baumer, J.H., Wadsworth, J., Taylor, B.
Family recovery after death of a child.
Archives of Disease in Childhood 1988; 63: 94247.

Bijur, P.E., Golding, J., Haslum, M.
Persistence of occurrence of injury: Can injuries of pre-schoolers predict injuries of school age children?
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Cognitive and Behavioural Sequelae of Mild Head Injury in Children.

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Childhood accidents, family size and birth order.
*Social Science and Medicine* 1988; 26: 839-843.

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Child behaviour and accidental injury in 11,966 pre-school children.

Bijur, P., Golding, J., Haslum, M., Kurzon, M.
Behavioural predictors of injury in school age children.

Brewer, R.I.
Some anomalies in social class coding and the official view of the professions.

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Brewer, R.I. and Haslum, M.N.
Ethnicity, and experience of social disadvantage and educational attainment.
*British Journal of the Sociology of Education* 1986; 7: 19-34.

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

Burnell, I. and Wadsworth, J.
Home truths.
*One-Parent Times* 1982; 8: 8-12.

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Taylor, B. and Wadsworth, M.E.J.
Young mothers and their children.
APPENDIX 3

Coding frames for open-ended questions
Introduction

A3.1 The text of responses to open-ended questions was keyed by Eurodata and used to facilitate the coding of these questions by SSRU. Coding frames were selected to be compatible with those used for earlier BCS70 follow-ups, and to facilitate comparison with NCDS data. The coding was undertaken by especially trained SSRU staff, and was in all cases computer-assisted.

A3.2 Further details of the open-ended questions and the coding frames employed are given in Table 2.2 below.

Open-ended questions

A3.3 The information coded by SSRU include responses to: ‘fully open’ questions, where no precode was offered to the respondent; and ‘other answers’, where space was provided on the questionnaire for respondents to write in a response which was not matched by any of the precodes provided. The questions coded by SSRU are identified in Table A3.1 below.

### Table A3.1 Questions coded by SSRU

<table>
<thead>
<tr>
<th>Question</th>
<th>Items</th>
<th>Cases</th>
<th>Frame</th>
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<tbody>
<tr>
<td>Q5a) Other academic qualifications</td>
<td>12</td>
<td>32</td>
<td>BCS70(⁄NCDS)</td>
</tr>
<tr>
<td>Q5b) Other qualifications (vocational)</td>
<td>12</td>
<td>53</td>
<td>BCS70(⁄NCDS)</td>
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<tr>
<td>Q11 Other economic activity</td>
<td>2</td>
<td>4</td>
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<td>Q13 Job title/Q14 Type of work done</td>
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<td>84</td>
<td>SOC, SEG, etc</td>
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<td>Q15 Employers business</td>
<td>1</td>
<td>84</td>
<td>SIC</td>
</tr>
<tr>
<td>Q19 Other pay period</td>
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<td>ICD 3 digit</td>
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<td>4</td>
<td>ICD</td>
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<td>Q40 Injuries</td>
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<td>#1</td>
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<td>Q43 Other alcohol</td>
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<td>8</td>
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<td>Q47 Other vote</td>
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<td>Q48 Religion</td>
<td>1</td>
<td>39</td>
<td>BCS70(⁄NCDS)</td>
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</table>

Notes: See next page.
**Notes to Table 3.1**

Items: Maximum number of codings provided.

Cases %: Percentage of cases needing coding (estimated from current data)

Frame: Coding frame used:

- **BCS70/(NCDS):** Coded using a frame originally developed for the National Child Development Study (NCDS), and modified where necessary following review of all BCS70 26-year survey responses.

- **BCS70:** Coded using a frame developed following review of all BCS70 28-year survey responses.

- **SOC, SEG, etc:** Coded using Computer-assisted Standard Occupational Coding (CASOC), developed by the Institute for Employment Research at the University of Warwick. This provides codings for the current Standard Occupational Classification (SOC), Socio-economic Group (SEG), and social class, as well as other occupational classifications, such as the KOS, CODOT, and Hope-Goldthorpe.


- **NB:** This classification is not included in the initial deposit of data with the Data Archive.


- **ICD:** Coded using the International Classification of Diseases. The information supplied enabled the use of the full classification.

- **NCDS/(ICD):** Coded using a frame based on the ICD, and originally developed for the National Child Development Study (NCDS). Review of BCS70 26-year survey responses showed that the information supplied would not support the use of the unmodified ICD.

**Coding frames**

A3.4 Further details of the coding frames are given below.
QUALIFICATIONS

Q5a) Other academic qualifications
Q5b) Other qualifications (vocational)

Coded using a frame originally developed for the National Child Development Study (NCDS), and modified where necessary following review of all BCS70 26-year survey responses.

**Coding frame**

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<td>CSE - other grades</td>
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<td>4</td>
<td>CSE - grade unclear/not given</td>
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<td>5</td>
<td>GCE &quot;O&quot; Level - passes or grades A-C</td>
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<tr>
<td>6</td>
<td>GCE &quot;O&quot; Level - other grades</td>
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<td>7</td>
<td>GCE &quot;O&quot; Level - grade unclear/not given</td>
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<td>8</td>
<td>GCSE - grades A-C</td>
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<td>GCSE - other grades</td>
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<td>GCE &quot;S&quot; Level</td>
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<td>Scottish &quot;O&quot; Grade - passes or grades A-C</td>
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<td>Scottish Higher Grade</td>
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<td>20</td>
<td>Scottish Certificate of 6th Year Studies</td>
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<td>21</td>
<td>Other &quot;school&quot; qualifications obtained at school in GB or abroad</td>
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<td>Higher Education (HE) Diploma</td>
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<td>First Degree (BA, BSc, BEd, etc)</td>
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<td>RSA - nature of qualification unclear/not given</td>
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</tr>
<tr>
<td>Pitmans 3 (Advanced)</td>
<td>44</td>
</tr>
<tr>
<td>Pitmans - level unclear/not given</td>
<td>45</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>C &amp; G - City and Guilds, and Regional Examining Board Certificates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operative</td>
<td>46</td>
</tr>
<tr>
<td>Craft/Intermediary/Ordinary/Part I</td>
<td>47</td>
</tr>
<tr>
<td>Advanced/Final/Part II or III</td>
<td>48</td>
</tr>
<tr>
<td>Full Technological (FTC)</td>
<td>49</td>
</tr>
<tr>
<td>Other City and Guilds</td>
<td>50</td>
</tr>
<tr>
<td>Insignia Award in Technology (CGIA)</td>
<td>51</td>
</tr>
<tr>
<td>City and Guilds - level unclear/not given</td>
<td>52</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Joint Industry Board (JIB), National Joint Council (NJC) and Other Awards</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>JIB/NJC or other Craft/Technician certificate</td>
<td>53</td>
</tr>
<tr>
<td>JIB/NJC award - nature of qualification unclear/not given</td>
<td>54</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ordinary/Higher National Diplomas and Certificates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ONC/OND (or SNC/SND)</td>
<td>55</td>
</tr>
<tr>
<td>HNC/HND (or SHNC/SHND)</td>
<td>56</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TEC/BEC/BTEC (or SCOTEC/SCOTBEC/SCOTVEC)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>National General Certificate or diploma</td>
<td>57</td>
</tr>
<tr>
<td>Higher or Higher National Certificate or Diploma</td>
<td>58</td>
</tr>
<tr>
<td>TEC/BEC/BTEC/etc qualification - nature unclear/not given</td>
<td>59</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Technical or Business Qualifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation course for technical or business qualifications</td>
<td>60</td>
</tr>
<tr>
<td>Other technical or business qualifications - including HGV, PSV, etc</td>
<td>61</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Professional Qualifications including Nursing</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Full professional qualification - membership (charter/licentiate) of professional institution</td>
<td>62</td>
</tr>
<tr>
<td>Part of professional qualifications eg: Part 1 of two part course</td>
<td>63</td>
</tr>
<tr>
<td>Nursing qualifications - including Registered General Nurse, Nursery Nurse (NNEB), etc</td>
<td>64</td>
</tr>
</tbody>
</table>
**Other answers**

96  Other qualification - nature unclear/not given
97  Irrelevant/unspecific response
98  Don't know (respondent's answer)
99  Not answered
**ECONOMIC ACTIVITY**

Q11 Other economic activity

Coded using a frame developed following review of all BCS70 28-year survey responses.

**Coding frame**

Where possible, entries were coded back to the original Q11 precodes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Full-time paid employee (30 or more hours a week)</td>
</tr>
<tr>
<td>2</td>
<td>Part-time paid employee (under 30 hours a week)</td>
</tr>
<tr>
<td>3</td>
<td>Full-time self employed</td>
</tr>
<tr>
<td>4</td>
<td>Part-time self employed</td>
</tr>
<tr>
<td>5</td>
<td>Unemployed and seeking work</td>
</tr>
<tr>
<td>6</td>
<td>Full-time education</td>
</tr>
<tr>
<td>7</td>
<td>Temporarily sick/disabled (less than 6 months)</td>
</tr>
<tr>
<td>8</td>
<td>Long-term sick/disabled (6 months or longer)</td>
</tr>
<tr>
<td>9</td>
<td>Looking after home/family</td>
</tr>
<tr>
<td>10</td>
<td>On a training scheme</td>
</tr>
<tr>
<td>11</td>
<td>Something else</td>
</tr>
</tbody>
</table>

Remaining entries were coded as follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Employed but status unclear</td>
</tr>
<tr>
<td>13</td>
<td>Self-employed, not known if full-time or part-time</td>
</tr>
<tr>
<td>14</td>
<td>Employed, but unpaid</td>
</tr>
<tr>
<td>15</td>
<td>Voluntary work</td>
</tr>
<tr>
<td>16</td>
<td>Part-time education</td>
</tr>
<tr>
<td>17</td>
<td>Maternity leave</td>
</tr>
<tr>
<td>18</td>
<td>Travelling</td>
</tr>
<tr>
<td>19</td>
<td>Prison</td>
</tr>
</tbody>
</table>

**OTHER ANSWERS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>97</td>
<td>Irrelevant/unspecific response</td>
</tr>
<tr>
<td>98</td>
<td>Don't know</td>
</tr>
<tr>
<td>99</td>
<td>Not answered</td>
</tr>
</tbody>
</table>
OCCUPATION

Q13 Job title/Q14 Type of work done

Coded using Computer-assisted Standard Occupational Coding (CASOC), developed by the Institute for Employment Research at the University of Warwick. This provides codings for the current Standard Occupational Classification (SOC), Socio-economic Group (SEG), and social class, as well as other occupational classifications, listed below:

- Standard Occupational Classification (SOC)
- Cambridge Scale Score (Males/Females)
- OPCS 1990:
  - Socio-Economic Group
  - Social Class based on Occupation
  - International Standard Classification of Occupations 1988 (ISCO 88)
  - Key List of Occupations for Statistical Purposes (KOS)
- OPCS 1980:
  - Operational Code
  - Occupation Unit Group
  - Socio-Economic Group
  - Registrar General's Social Class
- OPCS 1970:
  - Occupation Unit Group
  - Socio-Economic Group
  - Registrar General's Social Class
- Registrar General 1966:
  - Occupation Unit Group
  - Socio-Economic Group
  - Registrar General's Social Class
- Registrar general 1961:
  - Occupation Unit Group
  - Socio-Economic Group
  - Registrar General's Social Class
- Nuffield Variables:
  - Goldthorpe Social Class (1990)
  - Goldthorpe Social Class (1980)
  - Goldthorpe Social Class (1970)
  - Hope-Goldthorpe Collapsed Group
- Hope Goldthorpe Scale score
INDUSTRY

Q15 Employers business


*NB:* This classification is nor included in the initial deposit of data with the Data Archive.
PAY PERIOD

Q19 Other pay period

Coded using a frame developed following review of all BCS70 28-year survey responses.

Coding frame

Where possible, entries were coded back to the original Q19 precodes:

1  Hour
2  Day
3  Week
4  Month
5  Year

Remaining entries were coded as follows:

6  Four weekly
7  Fortnightly
8  Two weeks
9  8 days
10 Two days
11 3 hours

OTHER ANSWERS

94  Varies
95  Refused
96  Some other comment
97  Irrelevant/unspecific response
98  Don't know
99  Not answered
TENURE

Q31 Other tenure

Coded using a frame developed following review of all BCS70 28-year survey responses.

Coding frame

Where possible, entries were coded back to the original Q31 precodes:

1. Own outright
2. Buying on mortgage/loan
3. Rented from a local authority or housing association
4. Rented from a private landlord
5. Rented from some other landlord
6. Living with parents - paying rent
7. Living with parents - rent-free
8. Other arrangement

Remaining entries were coded as follows:

9. Partner owns - CM pays rent
10. Partner owns - CM pays no rent
11. Partner owns - CM's rental arrangements unknown
12. Equity share
13. Living with parents - not known if paying rent
14. Rent, landlord unknown
15. Living with relative/friend, paying rent
16. Living with relative/friend, rent-free
17. Living with relative/friend, rental arrangements unknown
18. Provided with job - paying rent
19. Provided with job - rent-free
20. Provided with job - rental arrangements unknown
21. Lodgings
22. Religious institution
23. Barracks
24. Hall of residence
25. Residential home
26. Hostel/hotel
27. Prison

OTHER ANSWERS

97. Irrelevant/unspecific response
98. Don't know
99. Not answered
OTHER HEALTH PROBLEM

Q38 Other health problem


Coding frame

**ICD 3 Digit Categories for BCS70 Coding**

For further information see:


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<td>V. MENTAL DISORDERS</td>
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<tr>
<td>VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS</td>
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<td>VII. DISEASES OF THE CIRCULATORY SYSTEM</td>
<td>4.48</td>
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<tr>
<td>VIII. DISEASES OF THE RESPIRATORY SYSTEM</td>
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<td>IX. DISEASES OF THE DIGESTIVE SYSTEM</td>
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<td>X. DISEASES OF THE GENITOURINARY SYSTEM</td>
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<tr>
<td>XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE Puerperium</td>
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<td>XII. DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE</td>
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<tr>
<td>XIII. DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE</td>
<td>4.55</td>
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<td>XIV. CONGENITAL ANOMALIES</td>
<td>4.56</td>
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<tr>
<td>XV. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD</td>
<td>4.56</td>
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<td>XVI. SYMPTOMS, SIGNS AND ILL-DEFINIED CONDITIONS</td>
<td>4.57</td>
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<tr>
<td>XVII. INJURY AND POISONING</td>
<td>4.57</td>
</tr>
<tr>
<td>NON-ICD CODES</td>
<td>4.62</td>
</tr>
<tr>
<td>ALPHABETICAL ORDER OF CONDITIONS</td>
<td>4.63</td>
</tr>
</tbody>
</table>
SUMMARY OF ICD 3 DIGIT CATEGORIES

I. INFECTIOUS AND PARASITIC DISEASES

Intestinal infectious diseases (001-009)
Tuberculosis (010-018)
Zoonotic bacterial diseases (020-027)
Other bacterial diseases (030-041)
Poliomyelitis and other non-arthropod-borne viral diseases of central nervous system (045-049)
Viral diseases accompanied by exanthem (050-057)
Arthropod-borne viral diseases (060-066)
Other diseases due to viruses and Chlamydiae (070-079)
Rickettsioses and other arthropod-borne diseases (080-088)
Syphilis and other venereal diseases (090-099)
Other spirochaetal diseases (100-104)
Mycoses (110-118)
Helminthiases (120-129)
Other infections and parasitic diseases (130-136)
Late effects of infectious and parasitic diseases (137-139)

II. NEOPLASMS

Malignant neoplasm of lip, oral cavity and pharynx (140-149)
Malignant neoplasm of digestive organs and peritoneum (150-159)
Malignant neoplasms of respiratory and intrathoracic organs (160-165)
Malignant neoplasms of bone, connective tissue, skin and breast (170-175)
Malignant neoplasm of genitourinary organs (179-189)
Malignant neoplasms of other and unspecified sites (190-199)
Malignant neoplasm of lymphatic and haematopoietic tissue (200-208)
Benign neoplasms (210-229)
Carcinoma in situ (230-234)
Neoplasms of uncertain behaviour (235-238) Neoplasms of unspecified nature (239)

III. ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS

Disorders of the thyroid gland (240-246)
Diseases of other endocrine glands (250-259)
Nutritional deficiencies (260-269)
Other metabolic disorders and immunity disorders (270-279)

IV. DISEASES OF BLOOD AND BLOOD-FORMING ORGANS

V. MENTAL DISORDERS

Organic psychotic conditions (290-294)
Other psychoses (295-299)
Neurotic disorders, personality disorders and other nonpsychotic mental disorders (300-316)
Mental retardation (317-319)

VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS

Inflammatory diseases of the central nervous system (320-326)
Hereditary and degenerative diseases of the central nervous system (330-337)
Other disorders of the central nervous system (340-349)
Disorders of the peripheral nervous system (350-359)
Disorders of the eye and adnexa (360-379)
Diseases of the ear and mastoid process (380-389)

VII  DISEASES OF THE CIRCULATORY SYSTEM

Acute rheumatic fever (390-392)
Chronic rheumatic heart disease (393-398)
Hypertensive disease (401-405)
Ischaemic heart disease (410-414)
Diseases of pulmonary circulation (415-417)
Other forms of heart disease (420-429)
Cerebrovascular disease (430-438)
Diseases of arteries, arterioles and capillaries (440-448)
Diseases of veins and lymphatics and other diseases of circulatory system (451-459)

VIII. DISEASES OF THE RESPIRATORY SYSTEM

Acute respiratory infections (460-466)
Other diseases of upper respiratory tract (470-478)
Pneumonia and influenza (480-487)
Chronic obstructive pulmonary disease and allied conditions (490-496)
Pneumoconioses and other lung diseases due to exogenous agents (500-508)
Other diseases of respiratory system (510-519)

IX. DISEASES OF THE DIGESTIVE SYSTEM

Diseases of oral cavity, salivary glands and jaws (520-529)
Diseases of oesophagus, stomach and duodenum (530-537)
Appendicitis (540-543)
Hernia of abdominal; cavity (550-553)
Noninfective enteritis and colitis (555-558)
Other diseases of intestines and peritoneum (560-569)
Other diseases if digestive system (570-579)

X. DISEASES OF THE GENITOURINARY SYSTEM

Nephritis, nephrotic syndrome and nephrosis (580-589)
Other diseases of urinary system (590-599)
Diseases of male genital organs (600-608)
Disorders of breast (610-611)
Inflammatory disease of female pelvic organs (614-616)
Other disorders of female genital tract (617-629)

XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM

Pregnancy with abortive outcome (630-639)
Complications mainly related to pregnancy (640-648)
Normal delivery, and other indications for care in pregnancy, labour and delivery (650-659)
Complications occurring mainly in the course of labour and delivery (660-669)
Complications of puerperium (670-676)
XII DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE

Infections of skin and subcutaneous tissue (680-686)
Other inflammatory conditions of skin and subcutaneous tissue (690-698)
Other diseases of skin and subcutaneous tissue (700-709)

XIII. DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE

Arthropathies and related disorders (710-719)
Dorsopathies (720-724)
Rheumatism, excluding the back (725-729)
Osteopathies, chondropathies and acquired musculoskeletal deformities (730-739)

XIV. CONGENITAL ANOMALIES

XV. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

XVI. SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS

Symptoms (780-789)
Nonspecific abnormal findings (790-796)
Ill-defined and unknown causes of morbidity and mortality (797-799)

XVII. INJURY AND POISONING

Fracture of skull (800-804)
Fractures of spine and trunk (805-809)
Fracture of upper limb (810-819)
Fracture of lower limb (820-829)
Dislocation (830-839)
Sprains and strains of joints and adjacent muscles (840-848)
Intracranial injury, excluding those with skull fracture (850-854)
Internal injury of chest, abdomen and pelvis (860-869)
Open wound of head, neck and trunk (870-879)
Open wound of upper limb (880-887)
Open wound of lower limb (890-897)
Injury to blood vessels (900-904)
Late effects of injuries, poisonings, toxic effects and other external causes (905-909)
Superficial injury (910-919)
Contusion with intact skin surface (920-924)
Crushing injury (925-929)
Effects of foreign body entering through orifice (930-939)
Burns (940-949)
Injury to nerves and spinal cord (950-957)
Certain traumatic complications and unspecified injuries (958-959)
Poisoning by drugs, medicaments and biological substances (960-979)
Toxic effects of substances chiefly nonmedical as to source (980-989)
Other and unspecified effects of external causes (990-995)
Complications of surgical and medical care, not elsewhere classified (996-999)

NON-ICD CODES

ALPHABETICAL ORDER OF CONDITIONS
ICD 3 DIGIT CATEGORIES FOR BCS70 CODING

I. INFECTIOUS AND PARASITIC DISEASES

*Intestinal infectious diseases (001-009)*

001 Cholera
002 Typhoid and paratyphoid fevers
003 Other salmonella infections
004 Shigellosis
005 Other food poisoning (bacterial)
006 Amoebiasis
007 Other protozoal intestinal disorders
008 Intestinal infections due to other organisms
009 Ill-defined intestinal infections

*Tuberculosis (010-018)*

010 Primary tuberculous infection
011 Pulmonary tuberculosis
012 Other respiratory tuberculosis
013 Tuberculosis of meninges and central nervous system
014 Tuberculosis of intestines, peritoneum and mesenteric glands
015 Tuberculosis of bones and joints
016 Tuberculosis of genitourinary system
017 Tuberculosis of other organs
018 Miliary tuberculosis

*Zoonotic bacterial diseases (020-027)*

020 Plague
021 Tularaemia
022 Anthrax
023 Brucellosis
024 Glanders
025 Melioidosis
026 Rat-bite fever
027 Other zoonotic bacterial diseases

*Other bacterial diseases (030-041)*

030 Leprosy
031 Diseases due to other mycobacteria
032 Diphtheria
033 Whooping cough
034 Streptococcal sore throat and scarlatina
035 Erysipelas
036 Meningococcal infection
037 Tetanus
038 Septicaemia
039 Actinomycotic infections
040 Other bacterial diseases
041 Bacterial infection in conditions classified elsewhere and of unspecified site
Poliomyelitis and other non-arthropod-borne viral diseases of central nervous system (045-049)

045 Acute poliomyelitis
046 Slow virus infection of central nervous system
047 Meningitis due to enterovirus
048 Other enterovirus diseases of central nervous system
049 Other non-arthropod-borne diseases of central nervous system

Viral diseases accompanied by exanthem (050-057) 050 Smallpox

051 Cowpox and paravaccinia
052 Chickenpox
053 Herpes zoster
054 Herpes simplex
055 Measles
056 Rubella
057 Other viral exanthemata

Arthropod-borne viral diseases (060-066)

060 Yellow-fever
061 Dengue
062 Mosquito-borne viral encephalitis
063 Tick-borne viral encephalitis
064 Viral encephalitis transmitted by other and unspecified arthropods
065 Arthropod-borne haemorrhagic fever
066 Other arthropod-borne viral diseases

Other diseases due to viruses and Chlamydiae (070-079)

070 Viral hepatitis
071 Rabies
072 Mumps
073 Ornithosis
074 Specific diseases due to Coxsackie virus
075 Infectious mononucleosis
076 Trachoma
077 Other diseases of conjunctiva due to viruses and Chlamydiae
078 Other diseases due to viruses and Chlamydiae
079 Viral infections in conditions classified elsewhere and of unspecified site

Rickettsioses and other arthropod-borne diseases (080-088)

080 Louse-borne [epidemic] typhus
081 Other typhus
082 Tick-borne rickettsioses
083 Other rickettsioses
084 Malaria
085 Leishmaniasis
086 Trypanosomiasis
087 Relapsing fever
088 Other arthropod-borne diseases
**Syphilis and other venereal diseases (090-099)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>090</td>
<td>Congenital syphilis</td>
</tr>
<tr>
<td>091</td>
<td>Early syphilis, symptomatic</td>
</tr>
<tr>
<td>092</td>
<td>Early syphilis, latent</td>
</tr>
<tr>
<td>093</td>
<td>Cardiovascular syphilis</td>
</tr>
<tr>
<td>094</td>
<td>Neurosyphilis</td>
</tr>
<tr>
<td>095</td>
<td>Other forms of late syphilis with symptoms</td>
</tr>
<tr>
<td>096</td>
<td>Late syphilis, latent</td>
</tr>
<tr>
<td>097</td>
<td>Other and unspecified syphilis</td>
</tr>
<tr>
<td>098</td>
<td>Gonococcal infections</td>
</tr>
<tr>
<td>099</td>
<td>Other venereal diseases</td>
</tr>
</tbody>
</table>

**Other spirochaetal diseases (100-104) 100 Leptospirosis**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Vincent's angina</td>
</tr>
<tr>
<td>102</td>
<td>Yaws</td>
</tr>
<tr>
<td>103</td>
<td>Pinta</td>
</tr>
<tr>
<td>104</td>
<td>Other spirochaetal infection</td>
</tr>
</tbody>
</table>

**Mycoses (110-118)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>110</td>
<td>Dermatophytosis</td>
</tr>
<tr>
<td>111</td>
<td>Dermatomycosis, other unspecified 112 Candidiasis</td>
</tr>
<tr>
<td>114</td>
<td>Coccidioidomycosis</td>
</tr>
<tr>
<td>115</td>
<td>Histoplasmosis</td>
</tr>
<tr>
<td>116</td>
<td>Blastomycotic infection</td>
</tr>
<tr>
<td>117</td>
<td>Other mycoses</td>
</tr>
<tr>
<td>118</td>
<td>Opportunistic mycoses</td>
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</tbody>
</table>

**Helminthiases (120-129)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>120</td>
<td>Schistosomiasis</td>
</tr>
<tr>
<td>121</td>
<td>Other trematode infections</td>
</tr>
<tr>
<td>122</td>
<td>Echinococcosis</td>
</tr>
<tr>
<td>123</td>
<td>Other cesttode infection</td>
</tr>
<tr>
<td>124</td>
<td>Trichinosis</td>
</tr>
<tr>
<td>125</td>
<td>Filarial infection and dracontiasis</td>
</tr>
<tr>
<td>126</td>
<td>Ancylostomiasis and necatoriasis</td>
</tr>
<tr>
<td>127</td>
<td>Other intestinal helminthiases</td>
</tr>
<tr>
<td>128</td>
<td>Other and unspecified helminthiases</td>
</tr>
<tr>
<td>129</td>
<td>Intestinal parasitism, unspecified</td>
</tr>
</tbody>
</table>

**Other infections and parasitic diseases (130-136)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>Toxoplasmosis</td>
</tr>
<tr>
<td>131</td>
<td>Trichomoniasis</td>
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<tr>
<td>132</td>
<td>Pediculosis and phthirus infestation</td>
</tr>
<tr>
<td>133</td>
<td>Acariasis</td>
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<tr>
<td>134</td>
<td>Other infestation</td>
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<tr>
<td>135</td>
<td>Sarcoidosis</td>
</tr>
<tr>
<td>136</td>
<td>Other and unspecified infectious and parasitic diseases</td>
</tr>
</tbody>
</table>
Late effects of infectious and parasitic diseases (137-139)

137 Late effects of tuberculosis
138 Late effects of acute poliomyelitis
139 Late effects of other infectious and parasitic diseases

II NEOPLASMS

Malignant neoplasm of lip, oral cavity and pharynx (140-149)

140 Malignant neoplasm of lip
141 Malignant neoplasm of tongue
142 Malignant neoplasm of major salivary glands
143 Malignant neoplasm of gum
144 Malignant neoplasm of floor of mouth
145 Malignant neoplasm of other and unspecified parts of mouth
146 Malignant neoplasm of oropharynx
147 Malignant neoplasm of nasopharynx
148 Malignant neoplasm of hypopharynx
149 Malignant neoplasm of other and ill-defined sites within the lip, oral cavity and pharynx

Malignant neoplasm of digestive organs and peritoneum (150-159)

150 Malignant neoplasm of oesophagus
151 Malignant neoplasm of stomach
152 Malignant neoplasm of small intestine, including duodenum
153 Malignant neoplasm of colon
154 Malignant neoplasm of rectum, rectosigmoid junction and anus
155 Malignant neoplasm of liver and intrahepatic bile ducts
156 Malignant neoplasm of gallbladder and extrahepatic bile ducts
157 Malignant neoplasm of pancreas
158 Malignant neoplasm of retroperitoneum and peritoneum
159 Malignant neoplasm of other and ill-defined sites within the digestive organs and peritoneum

Malignant neoplasms of respiratory and intrathoracic organs (160-165)

160 Malignant neoplasm of nasal cavities, middle ear and accessory sinuses
161 Malignant neoplasm of larynx
162 Malignant neoplasm of trachea, bronchus and lung
163 Malignant neoplasm of pleura
164 Malignant neoplasm of thymus, heart and mediastinum
165 Malignant neoplasm of other and ill-defined sites within the respiratory system and intrathoracic organs

Malignant neoplasms of bone, connective tissue, skin and breast (170-175)

170 Malignant neoplasm of bone and articular cartilage
171 Malignant neoplasm of connective and other soft tissue
172 Malignant melanoma of skin
173 Other malignant neoplasm of skin
174 Malignant neoplasm of female breast
175 Malignant neoplasm of male breast
Malignant neoplasm of genitourinary organs (179-189)

179 Malignant neoplasm of uterus, part unspecified
180 Malignant neoplasm of cervix uteri
181 Malignant neoplasm of placenta
182 Malignant neoplasm of body of uterus
183 Malignant neoplasm of ovary and other uterine adnexa
184 Malignant neoplasm of other and unspecified female genital organs
185 Malignant neoplasms of prostate
186 Malignant neoplasm of testis
187 Malignant neoplasm of penis and other male genital organs
188 Malignant neoplasm of bladder
189 Malignant neoplasm of kidney and other and unspecified urinary organs

Malignant neoplasms of other and unspecified sites (190-199)

190 Malignant neoplasm of eye
191 Malignant neoplasm of brain
192 Malignant neoplasm of other and unspecified parts of nervous system
193 Malignant neoplasm of thyroid gland
194 Malignant neoplasm of other endocrine glands and related structures
195 Malignant neoplasm of other and ill-defined sites
196 Secondary and unspecified malignant neoplasm of lymph nodes
197 Secondary malignant neoplasm of respiratory and digestive systems
198 Secondary malignant neoplasm of other unspecified sites
199 Malignant neoplasm without specification of site

Malignant neoplasm of lymphatic and haematopoietic tissue (200-208)

200 Lymphosarcoma and reticulosarcoma
201 Hodgkin's disease
202 Other malignant neoplasm of lymphoid and histiocytic tissue
203 Multiple myeloma and immunoproliferative neoplasms
204 Lymphoid leukaemia
205 Myeloid leukaemia
206 Monocytic leukaemia
207 Other specified leukaemia
208 Leukaemia of unspecified cell type

Benign neoplasms (210-229)

210 Benign neoplasm of lip, oral cavity and pharynx
211 Benign neoplasm of other parts of digestive system
212 Benign neoplasm of respiratory and intrathoracic organs
213 Benign neoplasm of bone and articular cartilage
214 Lipoma
215 Other benign neoplasm of connective and other soft tissue
216 Benign neoplasm of skin
217 Benign neoplasm of breast
218 Uterine leiomyoma
219 Other benign neoplasm of uterus
220 Benign neoplasm of ovary
221 Benign neoplasm of other female genital organs
222 Benign neoplasm of male genital organs
223 Benign neoplasm of kidney and other urinary organs
224 Benign neoplasm of eye
Benign neoplasm of brain and other parts of nervous system
Benign neoplasm of thyroid gland
Benign neoplasm of other endocrine glands and related structures
Haemangioms and lymphangioma, any site
Benign neoplasm of other and unspecified site

*Carcinoma in situ (230-234)*

Carcinoma in situ of digestive organs
Carcinoma in situ of respiratory system
Carcinoma in situ of skin
Carcinoma in situ of breast and genitourinary system
Carcinoma in situ of other and unspecified sites

*Neoplasms of uncertain behaviour (235-238)*

Neoplasm of uncertain behaviour of digestive and respiratory systems
Neoplasm of uncertain behaviour of genitourinary organs
Neoplasm of uncertain behaviour of endocrine glands and nervous system
Neoplasm of uncertain behaviour of other and unspecified sites and tissues

*Neoplasms of unspecified nature (239)*

Neoplasms of unspecified nature

**III ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS**

*Disorders of the thyroid gland (240-246)*

Simple and unspecified goitre
Nontoxic nodular goitre
Thyrotoxicosis with or without goitre
Congenital hypothyroidism
Acquired hypothyroidism
Thyroiditis
Other disorders of the thyroid

*Diseases of other endocrine glands (250-259)*

Diabetes mellitus
Other disorders of pancreatic internal secretion
Disorders of parathyroid gland
Disorders of the pituitary gland and its hypothalamic control
Diseases of thymus gland
Disorders of adrenal glands
Ovarian dysfunction
Testicular dysfunction
Ployglandular dysfunction and related disorders
Other endocrine disorders
Nutritional deficiencies (260-269)

260 Kwashiorkor
261 Nutritional marasmus
262 Other severe protein-calorie malnutrition
263 Other and unspecified protein-calorie malnutrition
264 Vitamin A deficiency
265 Thiamine and niacin deficiency states
266 Deficiency of B-complex components
267 Ascorbic acid deficiency
268 Vitamin D deficiency
269 Other nutritional deficiencies

Other metabolic disorders and immunity disorders (270-279)

270 Disorders of amino-acid transport and metabolism
271 Disorders of carbohydrate transport and metabolism
272 Disorders of lipid metabolism
273 Disorders of plasma protein metabolism
274 Gout
275 Disorders of mineral metabolism
276 Disorders of fluid, electrolyte and acid-base balance
277 Other and unspecified disorders of metabolism
278 Obesity and other hyperalimentation
279 Disorders involving the immune mechanism

IV. DISEASES OF BLOOD AND BLOOD-FORMING ORGANS

280 Iron deficiency anaemias
281 Other deficiency anaemias
282 Hereditary haemolytic anaemias
283 Acquired haemolytic anaemias
284 Aplastic anaemia
285 Other and unspecified anaemias
286 Coagulation defects
287 Purpura and other haemorrhagic conditions
288 Diseases of white blood cells
289 Other diseases of blood and blood-forming organs

V. MENTAL DISORDERS

Organic psychotic conditions (290-294)

290 Senile and presenile organic psychotic conditions
291 Alcoholic psychoses
292 Drug psychoses
293 Transient organic psychotic conditions
294 Other organic psychotic conditions (chronic)

Other psychoses (295-299)

295 Schizophrenic psychoses
296 Affective psychoses
297 Paranoid states
298 Other nonorganic psychoses
299 Psychoses with origin specific to childhood
Neurotic disorders, personality disorders and other nonpsychotic mental disorders (300-316)

300  Neurotic disorders
301  Personality disorders
302  Sexual deviations and disorders
303  Alcohol dependence syndrome
304  Drug dependence
305  Nondependent abuse of drugs
306  Physiological malfunction arising from mental factors
307  Special symptoms or syndromes not elsewhere classified
308  Acute reaction to stress
309  Adjustment to reaction
310  Specific nonpsychotic mental disorders following organic brain damage
311  Depressive disorder, not elsewhere classified
312  Disturbance of conduct not elsewhere classified
313  Disturbance of emotions specific to childhood and adolescence
314  Hyperkinetic syndrome of childhood
315  Specific delays in development
316  Psychic factors associated with diseases classified elsewhere

Mental retardation (317-319)

317  Mild mental retardation
318  Other specified mental retardation
319  Unspecified mental retardation

VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS

Inflammatory diseases of the central nervous system (320-326)

320  Bacterial meningitis
321  Meningitis due to other organisms
322  Meningitis of unspecified cause
323  Encephalitis, myelitis and encephalomyelitis
324  Intracranial and intraspinal abscess
325  Phlebitis and thrombophlebitis of intracranial venous sinuses
326  Late effects of intracranial abscess or pyogenic infection

Hereditary and degenerative diseases of the central nervous system (330-337)

330  Cerebral degenerations usually manifest in childhood
331  Other cerebral degenerations
332  Parkinson's disease
333  Other extrapyramidal disease and abnormal movement disorders
334  Spino-cerebellar disease
335  Anterior horn cell disease
336  Other diseases of spinal cord
337  Disorders of the autonomic nervous system
Other disorders of the central nervous system (340-349)

340 Multiple sclerosis
341 Other demyelinating diseases of central nervous system
342 Hemiplegia
343 Infantile cerebral palsy
344 Other paralytic syndromes
345 Epilepsy
346 Migraine
347 Cataplexy and narcolepsy
348 Other conditions of brain
349 Other and unspecified disorders of the nervous system

Disorders of the peripheral nervous system (350-359)

350 Trigeminal nerve disorders
351 Facial nerve disorders
352 Disorders of other cranial nerves
353 Nerve root and plexus disorders
354 Mononeuritis of upper limb and mononeuritis multiplex
355 Mononeuritis of lower limb
356 Hereditary and idiopathic peripheral neuropathy
357 Inflammatory and toxic neuropathy
358 Myoneural disorders
359 Muscular dystrophies and other myopathies

Disorders of the eye and adnexa (360-379)

360 Disorders of the globe
361 Retinal detachments and defects
362 Other retinal disorders
363 Chorioetinal inflammations and scars and other disorders of choroid
364 Disorders of iris and ciliary body
365 Glaucoma
366 Cataract
367 Disorders of refraction and accommodation
368 Visual disturbances
369 Blindness and low vision
370 Keratitis
371 Corneal opacity and other disorders of cornea
372 Disorders of conjunctiva
373 Inflammation of eyelids
374 Other disorders of eyelids
375 Disorders of lacrimal system
376 Disorders of the orbit
377 Disorders of optic nerve and visual pathways
378 Strabismus and other disorders of binocular eye movements
379 Other disorders of eye

Diseases of the ear and mastoid process (380-389)

380 Disorders of external ear
381 Nonsuppurative otitis media and Eustachian tube disorders
382 Suppurative and unspecified otitis media
383 Mastoiditis and related conditions
384 Other disorders of tympanic membrane
Other disorders of middle ear and mastoid
Vertiginous syndromes and other disorders of vestibular system
Otosclerosis
Other disorders of ear
Deafness

VII DISEASES OF THE CIRCULATORY SYSTEM

Acute rheumatic fever (390-392)
Rheumatic fever without mention of heart involvement
Rheumatic fever with heart involvement
Rheumatic chorea

Chronic rheumatic heart disease (393-398)
Chronic rheumatic pericarditis
Diseases of mitral valve
Diseases of aortic valve
Diseases of mitral and aortic valves
Diseases of other endocardial structures
Other rheumatic heart disease

Hypertensive disease (401-405)
Essential hypertension
Hypertensive heart disease
Hypertensive renal disease
Hypertensive heart and renal disease
Secondary hypertension

Ischaemic heart disease (410-414)
Acute myocardial infarction
Other acute and subacute form of ischaemic heart disease
Old myocardial infarction
Angina pectoris
Other forms of chronic ischaemic heart disease

Diseases of pulmonary circulation (415-417)
Acute pulmonary heart disease
Chronic pulmonary heart disease
Other diseases of pulmonary circulation

Other forms of heart disease (420-429)
Acute pericarditis
Acute and subacute ensocarditis
Acute myocarditis
Other diseases of pericardium
Other diseases of endocardium
Cardiomyopathy
Conduction disorders
Cardiac dysrhythmias
Heart failure
Ill-defined descriptions and complications of heart disease

*Cerebrovascular disease (430-438)*

430 Subarachnoid haemorrhage
431 Intracerebral haemorrhage
432 Other and unspecified intracranial haemorrhage
433 Occlusion and stenosis of precerebral arteries
434 Occlusion of cerebral arteries
435 Transient cerebral ischaemia
436 Acute but ill-defined cerebrovascular disease
437 Other and ill-defined cerebrovascular disease
438 Late effects of cerebrovascular disease

*Diseases of arteries, arterioles and capillaries (440-448)*

440 Atherosclerosis
441 Aortic aneurysm
442 Other aneurysm
443 Other peripheral vascular disease
444 Arterial embolism and thrombosis
446 Polyarteritis nodosa and allied conditions
447 Other disorders of arteries and arterioles
448 Diseases of capillaries

*Diseases of veins and lymphatics and other diseases of circulatory system (451-459)*

451 Phlebitis and thrombophlebitis
452 Portal vein thrombosis
453 Other venous embolism and thrombosis
454 Varicose veins of lower extremities
455 Haemorrhoids
456 Varicose veins of other sites
457 Noninfective disorders of lymphatic channels
458 Hypotension
459 Other disorders of circulatory system

**VIII DISEASES OF THE RESPIRATORY SYSTEM**

*Acute respiratory infections (460-466)*

460 Acute nasopharyngitis (common cold)
461 Acute sinusitis
462 Acute pharyngitis
463 Acute tonsillitis
464 Acute laryngitis
465 Acute upper respiratory infections of multiple or unspecified sites
466 Acute bronchitis and bronchiolitis
Other diseases of upper respiratory tract (470-478)

470 Deflected nasal septum
471 Nasal polyps
472 Chronic pharyngitis and nasopharyngitis
473 Chronic sinusitis
474 Chronic disease of tonsils and adenoids
475 Peritonsillar abscess
476 Chronic laryngitis and laryngotracheitis
477 Allergic rhinitis
478 Other diseases of upper respiratory tract

Pneumonia and influenza (480-487)

480 Viral pneumonia
481 Pneumonococcal pneumonia
482 Other bacterial pneumonia
483 Pneumonia due to other specified organism
484 Pneumonia in infectious diseases classified elsewhere
485 Bronchopneumonia, organism unspecified
486 Pneumonia, organism unspecified
487 Influenza

Chronic obstructive pulmonary disease and allied conditions (490-496)

490 Bronchitis, not specified as acute or chronic
491 Chronic bronchitis
492 Emphysema
493 Asthma
494 Bronchiectasis
495 Extrinsic allergic alveolitis
496 Chronic airways obstruction, not elsewhere classified

Pneumoconioses and other lung diseases due to external agents (500-508)

500 Coalworkers’ pneumoconiosis
501 Asbestosis
502 Pneumoconiosis due to other silica or silicates
503 Pneumoconiosis due to other inorganic dust
504 Pneumopathy due to inhalation of other dust
505 Pneumoconiosis, unspecified
506 Respiratory conditions due to chemical fumes and vapours
507 Oneumonitis due to solids and liquids
508 Respiratory conditions due to other and unspecified external agents

Other diseases of respiratory system (510-519)

510 Empyema
511 Pleurisy
512 Pneumothorax
513 Abscess of lung and mediastinum
514 Pulmonary congestion and hypostasis
515 Postinflammatory pulmonary fibrosis
516 Other alveolar and parietoaveolar pneumopathy
517 Lung involvement in conditions classified elsewhere
518 Other diseases of lung
Other diseases of respiratory system

IX. DISEASES OF THE DIGESTIVE SYSTEM

Diseases of oral cavity, salivary glands and jaws (520-529)

520 Disorders of tooth development and eruption
521 Diseases of hard tissues of teeth
522 Diseases of pulp and periapical tissues
523 Gingival and periodontal diseases
524 Dentofacial anomalies, including malocclusion
525 Other diseases and conditions of the teeth and supporting structures
526 Diseases of the jaws
527 Diseases of the salivary glands
528 Diseases of the oral soft tissues, excluding lesions specific for gingiva and tongue
529 Diseases and other conditions of the tongue

Diseases of oesophagus, stomach and duodenum (530-537)

530 Diseases of oesophagus
531 Gastric ulcer
532 Duodenal ulcer
533 Peptic ulcer, site unspecified
534 Gastrojejunal ulcer
535 Gastritis and duodenitis
536 Disorders of function of stomach
537 Other disorders of stomach and duodenum

Appendicitis (540-543)

540 Acute appendicitis
541 Appendicitis, unqualified
542 Other appendicitis
543 Other diseases of appendix

Hernia of abdominal cavity (550-553)

550 Inguinal hernia
551 Other hernia of abdominal cavity, with gangrene
552 Other hernia of abdominal cavity with obstruction, without mention of gangrene
553 Other hernia of abdominal cavity without mention of obstruction or gangrene

Noninfective enteritis and colitis (555-558)

555 Regional enteritis
556 Idiopathic proctocolitis
557 Vascular insufficiency of intestine
558 Other noninfective gastroenteritis and colitis

Other diseases of intestines and peritoneum (560-569)

560 Intestinal obstruction without mention of hernia
562 Diverticula of intestine
564 Functional digestive disorders, not elsewhere classified
565 Anal fissure and fistula
566 Abscess of anal and rectal regions
Other diseases if digestive system (570-579)

570 Acute and subacute necrosis of liver
571 Chronic liver disease and cirrhosis
572 Liver abscess and sequelae of chronic liver disease
573 Other disorders of liver
574 Cholelithiasis
575 Other disorders of the gallbladder
576 Other disorders of biliary tract
577 Diseases of pancreas
578 Gastrointestinal haemorrhage
579 Intestinal malabsorption

X. DISEASES OF THE GENITOURINARY SYSTEM

Nephritis, nephrotic syndrome and nephrosis (580-589)

580 Acute glomerulonephritis
581 Nephrotic syndrome
582 Chronic glomerulonephritis
583 Nephritis and nephropathy, not specified as acute or chronic
584 Acute renal failure
585 Chronic renal failure
586 Renal failure, unspecified
587 Renal sclerosis, unspecified
588 Disorders resulting from impaired renal function
589 Small kidney of unknown cause

Other diseases of urinary system (590-599)

590 Infection of kidney
591 Hydronephrosis
592 Calculus of kidney and ureter
593 Other disorders of kidney and ureter
594 Calculus of lower urinary tract
595 Cystitis
596 Other disorders of the bladder
597 Urethritis, not sexually transmitted, and urethral syndrome
598 Urethral stricture
599 Other disorders of urethra and urinary tract

Diseases of male genital organs (600-608)

600 Hyperplasia of prostate
601 Inflammatory diseases of prostate
602 Other disorders of prostate
603 Hydrocele
604 Orchitis and epididymitis
605 Redundant prepuce and phimosis
606 Infertility, male
607 Disorders of penis
608 Other disorders of male genital organs
Disorders of breast (610-611)

610 Benign mammary dysplasias
611 Other disorders of breast

Inflammatory disease of female pelvic organs (614-616)

614 Inflammatory disease of ovary, fallopian tube, pelvic cellular tissue and peritoneum
615 Inflammatory diseases of uterus, except cervix
616 Inflammatory disease of cervix, vagina and vulva

Other disorders of female genital tract (617-629)

617 Endometriosis
618 Genital prolapse
619 Fistulae involving female genital tract
620 Noninflammatory disorders of ovary, fallopian tube and broad ligament
621 Disorders of uterus, not elsewhere classified
622 Noninflammatory disorders of cervix
623 Noninflammatory disorders of vagina
624 Noninflammatory disorders of vulva and perineum
625 Pain and other symptoms associated with female genital organs
626 Disorders of menstruation and other abnormal bleeding from female genital tract
627 Menopausal and postmenopausal disorders
628 Infertility, female
629 Other disorders if female genital organs

XI COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE Puerperium

Pregnancy with abortive outcome (630-639)

630 Hydatidiform mole
631 Other abnormal product of conception
632 Missed abortion
633 Ectopic pregnancy
634 Spontaneous abortion
635 Legally induced abortion
636 Illegally induced abortion
637 Unspecified abortion
638 Failed attempted abortion
639 Complications following abortion and ectopic and molar pregnancies

Complications mainly related to pregnancy (640-648)

640 Haemorrhage in early pregnancy
641 Antepartum haemorrhage, abruptio placentae, and placenta praevia
642 Hypertension complicating pregnancy, childbirth and the puerperium
643 Excessive vomiting in pregnancy
644 Early or threatened labour
645 Prolonged pregnancy
646 Other complications of pregnancy, not elsewhere classified
647 Infective and parasitic conditions in the mother classifiable elsewhere but complicating pregnancy, childbirth and the puerperium
648 Other current conditions in the mother elsewhere but complicating pregnancy, childbirth and the puerperium
Normal delivery, and other indications for care in pregnancy, labour and delivery (650-659)

- 650 Delivery in a completely normal case
- 651 Multiple gestation
- 652 Malposition and malpresentation of fetus
- 653 Disproportion
- 654 Abnormality of organs and soft tissue of pelvis
- 655 Known or suspected fetal abnormality affecting management of mother
- 656 Other fetal and placental problems affecting management of mother
- 657 Polyhydramnios
- 658 Other problems associated with amniotic cavity and membranes
- 659 Other indications for care or intervention related to labour and delivery and not elsewhere classified

Complications occurring mainly in the course of labour and delivery (660-669)

- 660 Obstructed labour
- 661 Abnormality of forces of labour
- 662 Long labour
- 663 Umbilical cord complications
- 664 Trauma to perineum and vulva during delivery
- 665 Other obstetrical trauma
- 666 Postpartum haemorrhage
- 667 Retained placenta or membranes, without haemorrhage
- 668 Complications of the administration of anaesthetic or other sedation in labour and delivery
- 669 Other complications of labour and delivery, not elsewhere classified

Complications of puerperium (670-676)

- 670 Major puerperal infection
- 671 Venous complications in pregnancy and the puerperium
- 672 Pyrexia of unknown origin during the puerperium
- 673 Obstetrical pulmonary embolism
- 674 Other and unspecified complications of the puerperium, not elsewhere classified
- 675 Infections of the breast and nipple associated with childbirth
- 676 Other disorders of the breast associated with childbirth and disorders of lactation

XII. DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE

Infections of skin and subcutaneous tissue (680-686)

- 680 Carbuncle and furuncle
- 681 Cellulitis and abscess of finger and toe
- 682 Other cellulitis and abscess
- 683 Acute lymphadenitis
- 684 Impetigo
- 685 Pilonidal cyst
- 686 Other local infections of skin and subcutaneous tissue
Other inflammatory conditions of skin and subcutaneous tissue (690-698)

690 Erythematousquamous dermatosis
691 Atopic dermatitis and related conditions
692 Contact dermatitis and other eczema
693 Dermatitis due to taken internally substances
694 Bullous dermatoses
695 Erythematous conditions
696 Psoriasis and similar disorders
697 Lichen
698 Pruritus and related conditions

Other diseases of skin and subcutaneous tissue (700-709)

700 Corns and callosities
701 Other hypertrophic and atrophic conditions of skin
702 Other dermatoses
703 Diseases of nail
704 Diseases of hair and hair follicles
705 Disorders of sweat glands
706 Diseases of sebaceous glands
707 Chronic ulcer of skin
708 Urticaria
709 Other disorders of skin and subcutaneous tissue

XIII DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE

Arthropathies and related disorders (710-719)

710 Diffuse disease of connective tissue
711 Arthropathy associated with infections
712 Crystal arthropathies
713 Arthropathy associated with other disorders classified elsewhere
714 Rheumatoid arthritis and other inflammatory polyarthropathies
715 Osteoarthrosis and allied disorders
716 Other and unspecified arthropathies
717 Internal derangement of joint
718 Other derangement of joint
719 Other and unspecified disorder of joint

Dorsopathies (720-724)

720 Ankylosing spondylitis and other inflammatory spondylopathies
721 Spondylosis and allied disorders
722 Intervertebral disc disorders
723 Other disorders of cervical region
724 Other and unspecified disorders of back

Rheumatism, excluding the back (725-729)

725 Polymyalgia rheumatica
726 Peripheral enthesopathies and allied syndromes
727 Other disorders of synovium, tendon and bursa
728 Disorders of muscle, ligament and fascia
729 Other disorders of soft tissues
Osteopathies, chondropathies and acquired musculoskeletal deformities (730-739)

730 Osteomyelitis, periostitis and other infections involving bone
731 Osteitis deformans and osteopathies associated with other disorders classified elsewhere
732 Osteochondropathies
733 Other disorders of bone and cartilage
734 Flat foot
735 Acquired deformities of toe
736 Other acquired deformities of limbs
737 Curvature of spine
738 Other acquired deformity
739 Nonallopathic lesions, not elsewhere classified

XIV. CONGENITAL ANOMALIES

740 Anencephalus and similar anomalies
741 Spina bifida
742 Other congenital anomalies of nervous system
743 Congenital anomalies of eye
744 Congenital anomalies of ear, face and neck
745 Bulbus cordis anomalies and anomalies of cardiac septal closure
746 Other congenital anomalies of heart
747 Other congenital anomalies of circulatory system
748 Congenital anomalies of respiratory system
749 Cleft palate and cleft lip
750 Other congenital anomalies of upper alimentary tract
751 Other congenital anomalies of digestive system
752 Congenital anomalies of genital organs
753 Congenital anomalies of urinary system
754 Certain congenital musculoskeletal deformities
755 Other congenital anomalies of limbs
756 Other congenital musculoskeletal anomalies
757 Congenital anomalies of the integument
758 Chromosomal anomalies
759 Other and unspecified congenital anomalies

XV. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

760 Fetus or newborn affected by maternal conditions which may be unrelated to present pregnancy
761 Fetus or newborn affected by maternal complications of pregnancy
762 Fetus or newborn affected by complications of placenta, cord and membranes
763 Fetus or newborn affected by other complications of labour and delivery
764 Slow fetal growth and fetal malnutrition
765 Disorders relating to short gestation and unspecified low birthweight
766 Disorders relating to long gestation and high birthweight
767 Birth trauma
768 Intruterine hypoxia and birth asphyxia
769 Respiratory distress syndrome
770 Other respiratory conditions of fetus and newborn
771 Infections specific to the perinatal period
772 Fetal and neonatal haemorrhage
773 Haemolytic disease of fetus or newborn, due to isoimmunization
774 Other perinatal jaundice
775 Endocrine and metabolic disturbances, specific to fetus and newborn
776 Haematological disorders of digestive system
777 Perinatal disorders of digestive system
Conditions involving the integument and temperature regulation of fetus and newborn
Other and ill-defined conditions originating in the perinatal period

XVI  SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS

Symptoms (780-789)

General symptoms
Symptoms involving nervous and musculoskeletal systems
Symptoms involving skin and other integumentary tissue
Symptoms concerning nutrition, metabolism and development
Symptoms involving head and neck
Symptoms involving cardiovascular system
Symptoms involving respiratory system and other chest symptoms
Symptoms involving digestive system
Symptoms involving urinary system
Other symptoms involving abdomen and pelvis

Nonspecific abnormal findings (790-796)

Nonspecific findings on examination of blood
Nonspecific findings on examination of urine
Nonspecific abnormal findings in other body substances
Nonspecific abnormal findings in radiological and other examination of body structure
Nonspecific abnormal results of function studies
Nonspecific abnormal histological and immunological findings
Other nonspecific abnormal findings

Ill-defined and unknown causes of morbidity and mortality (797-799)

Senility without mention of psychosis
Sudden death, cause unknown
Other ill-defined and unknown causes of morbidity and mortality

XVII  INJURY AND POISONING

Fracture of skull (800-804)

Fracture of vault of skull
Fracture of base of skull
Fracture of face bones
Other and unqualified skull fractures
Multiple fractures involving skull or face with other bones

Fractures of spine and trunk (805-809)

Fracture of vertebral column without mention of spinal cord
Fracture of vertebral column with spinal lesion
Fractures of rib(s), sternum, larynx and trachea
Fracture of pelvis
Ill-defined fracture of trunk
Fracture of upper limb (810-819)

810 Fracture of clavicle
811 Fracture of scapula
812 Fracture of humerus
813 Fracture of radius and ulna
814 Fracture of carpal bone(s)
815 Fracture of metacarpal bone(s)
816 Fracture of one or more phalanges of hand
817 Multiple fractures of hand bones
818 Ill-defines fractures of upper limb
819 Multiple fractures involving both upper limbs, and upper limb with rib(s) and sternum

Fracture of lower limb (820-829)

820 Fracture of neck of femur
821 Fracture of other unspecified parts of femur
822 Fracture of patella
823 Fracture of tibia and fibula
824 Fracture of ankle
825 Fracture of one or more tarsal and metatarsal bones
826 Fracture of one or more phalanges of foot
827 Other, multiple and ill-defined fractures of lower limb
828 Multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum
829 Fracture of unspecified bones

Dislocation (830-839)

830 Dislocation of jaw
831 Dislocation of shoulder
832 Dislocation of elbow
833 Dislocation of wrist
834 Dislocation of finger
835 Dislocation of hip
836 Dislocation of knee
837 Dislocation of ankle
838 Dislocation of foot
839 Other, multiple and ill-defined dislocations

Sprains and strains of joints and adjacent muscles (840-848)

840 Sprains and strains of shoulder and upper arm
841 Sprains and strains of elbow and forearm
842 Sprains and strains of wrist and hand
843 Sprains and strains of hip and thigh
844 Sprains and strains of knee and leg
845 Sprains and strains of ankle and foot
846 Sprains and strains of sacroiliac region
847 Sprains and strains of other and unspecified parts of back
848 Other ill-defined sprains and strains

Intracranial injury, excluding those with skull fracture (850-854)

850 Concussion
851 Cerebral laceration and contusion
852 Subarachnoid, subdural and extradural haemorrhage, following injury
853 Other and unspecified intracranial haemorrhage following injury
854 Intracranial injury of other and unspecified nature

*Internal injury of chest, abdomen and pelvis (860-869)*

860 Traumatic pneumothorax and haemothorax
861 Injury to heart and lung
862 Injury to other and unspecified intrathoracic organs
863 Injury to gastrointestinal tract
864 Injury to liver
865 Injury to spleen
866 Injury to kidney
867 Injury to pelvic organs
868 Injury to other intraabdominal organs
869 Internal injury to unspecified or ill-defined organs

*Open wound of head, neck and trunk (870-879)*

870 Open wound of ocular adnexa
871 Open wound of eyeball
872 Open wound of ear
873 Other open wound of head
874 Open wound of neck
875 Open wound of chest (wall)
876 Open wound of back
877 Open wound of buttock
878 Open wound of genital organs (extemnal), including traumatic amputation
879 Open wound of other and unspecified sites, except limbs

*Open wound of upper limb (880-887)*

880 Open wound of shoulder and upper arm
881 Open wound of elbow, forearm and wrist
882 Open wound of hand except finger(s) alone
883 Open wound of finger(s)
884 Multiple and unspecified open wound of upper limb
885 Traumatic amputation of thumb (complete)(partial)
886 Traumatic amputation of other finger(s) (complete)(partial)
887 Traumatic amputation of arm and hand (complete)(partial)

*Open wound of lower limb (890-897)*

890 Open wound of hip and thigh
891 Open wound of knee, leg (except thigh) and ankle
892 Open wound of foot except toe(s) alone
893 Open wound of toe(s)
894 Multiple and unspecified open wound of lower limb
895 Traumatic amputation of toe(s) (complete)(partial)
896 Traumatic amputation of foot (complete)(partial)
897 Traumatic amputation of leg(s) (complete)(partial)
### Injury to blood vessels (900-904)

- 900 Injury to blood vessels of head and neck
- 901 Injury to blood vessels of thorax
- 902 Injury to blood vessels of abdomen and pelvis
- 903 Injury to blood vessels of upper extremity
- 904 Injury to blood vessels of lower extremity and unspecified sites

### Late effects of injuries, poisonings, toxic effects and other external causes (905-909)

- 905 Late effects of musculoskeletal and connective tissue injuries
- 906 Late effects of injuries to skin and subcutaneous tissues
- 907 Late effects of injuries to the nervous system
- 908 Late effects of other and unspecified injuries
- 909 Late effects of other and unspecified external causes

### Superficial injury (910-919)

- 910 Superficial injury of face, neck and scalp except eye
- 911 Superficial injury of trunk
- 912 Superficial injury of shoulder and upper arm
- 913 Superficial injury of elbow, forearm and wrist
- 914 Superficial injury of hand(s) except finger(s) alone
- 915 Superficial injury of finger(s)
- 916 Superficial injury of hip, thigh, leg and ankle
- 917 Superficial injury of foot and toe(s)
- 918 Superficial injury of eye and adnexa
- 919 Superficial injury of other, multiple and unspecified sites

### Contusion with intact skin surface (920-924)

- 920 Contusion of face, scalp, and neck except eye(s)
- 921 Contusion of eye and adnexa
- 922 Contusion of trunk
- 923 Contusion of upper limb
- 924 Contusion of lower limb and of other and unspecified sites

### Crushing injury (925-929)

- 925 Crushing injury of face, scalp and neck
- 926 Crushing injury of trunk
- 927 Crushing injury of upper limb
- 928 Crushing injury of lower limb
- 929 Crushing injury of multiple and unspecified sites

### Effects of foreign body entering through orifice (930-939)

- 930 Foreign body on external eye
- 931 Foreign body in ear
- 932 Foreign body in nose
- 933 Foreign body in pharynx and larynx
- 934 Foreign body in trachea, bronchus and lung
- 935 Foreign body in mouth, oesophagus and stomach
- 936 Foreign body in intestine and colon
- 937 Foreign body in anus and rectum
- 938 Foreign body in digestive system, unspecified
Foreign body in genitorinary tract

**Burns (940-949)**

- Burn confined to eye and adnexa
- Burn of face, head and neck
- Burn of trunk
- Burn of upper limb, except wrist and hand
- Burn of wrists(s) and hand(s)
- Burn of lower limb(s)
- Burns of multiple specified sites
- Burn of internal organs
- Burns classified according to extent of body surface involved
- Burns unspecified

**Injury to nerves and spinal cord (950-957)**

- Injury to optic nerve and pathways
- Injury to other cranial nerve(s)
- Spinal cord lesion without evidence of spinal bone injury
- Injury to nerve roots and spinal plexus
- Injury to other nerve(s) of trunk excluding shoulder and pelvic girdles
- Injury to peripheral nerve(s) of shoulder girdle and upper limb
- Injury to peripheral nerve(s) of pelvic girdle and lower limb
- Injury to other and unspecified nerves

**Certain traumatic complications and unspecified injuries (958-959)**

- Certain early complications of trauma
- Injury, other and unspecified

**Poisoning by drugs, medicaments and biological substances (960-979)**

- Poisoning by antibiotics
- Poisoning by other anti-infectives
- Poisoning by hormones and synthetic substitutes
- Poisoning by primarily systemic agents
- Poisoning by agents primarily affecting blood constituents
- Poisoning by analgesics, antipyretics and antirheumatics
- Poisoning by anticonvulsants and anti-Parkinsonism drugs
- Poisoning by sedatives and hypnotics
- Poisoning by other central nervous system depressants
- Poisoning by psychotropic agents
- Poisoning by central nervous system stimulants
- Poisoning by drugs primarily affecting the autonomic nervous system
- Poisoning by agents primarily affecting the cardiovascular system
- Poisoning by agents primarily affecting the gastrointestinal system
- Poisoning by water, mineral and acid metabolism drugs
- Poisoning by agents primarily acting on the smooth and skeletal muscles and respiratory system
- Poisoning by agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological and dental drugs
- Poisoning by other and unspecified drugs and medicaments
- Poisoning by bacterial vaccines
- Poisoning by other vaccines and biological substances

**Toxic effects of substances chiefly nonmedical as to source (980-989)**
980 Toxic effect of alcohol
981 Toxic effect of pertoleum products
982 Toxic effect of solvents other than pertoleum-based
983 Toxic effect of corrosive aromatics, acids and caustic alkalis
984 Toxic effect of lead and its compounds (including fumes)
985 Toxic effect of other metals
986 Toxic effect of carbon monoxide
987 Toxic effect of other gases, fumes or vapours
988 Toxic effect of noxious substances eaten as food
989 Toxic effect of other substances, chiefly nonmedical as to source

Other and unspecified effects of external causes (990-995)

990 Effects of radiation, unspecified
991 Effects of reduced temperature
992 Effects of heat and light
993 Effects of air pressure
994 Effects of other external causes
995 Certain adverse effects not elsewhere classified

Complications of surgical and medical care not elsewhere classified (996-999)

996 Complications peculiar to certain specified procedures
997 Complications affecting specified body systems, not elsewhere classified
998 Other complications of procedures, not elsewhere classified
999 Complications of medical care, not elsewhere classified

End of ICD

NON-ICD CODES

The following non-ICD codes are employed to avoid the use of alphanumeric codes:

497 Renal dialysis
498 Sterilisation
499 Suspected condition ruled out after observation/investigation
649 Contraceptive management
699 Operation - cosmetic
898 Operation/surgery/investigation not elsewhere classified corrective/restorative
899 Inadequate/irrelevant/unspecific response
<table>
<thead>
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<th>Condition</th>
<th>Description</th>
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<td>Abnormality of forces of labour</td>
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<td>Abscess of anal and rectal regions</td>
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<td>Acute and subacute necrosis of liver</td>
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<td>Acute appendicitis</td>
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<td>Acute bronchitis and bronchiolitis</td>
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<td>Atherosclerosis</td>
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<tr>
<td>691</td>
<td>Atopic dermatitis and related conditions</td>
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</table>
Bacterial infection in conditions classified elsewhere and of

Benign mammary dysplasias

Benign neoplasm of bone and articular cartilage

Benign neoplasm of brain and other parts of nervous system

Benign neoplasm of breast

Benign neoplasm of eye

Benign neoplasm of kidney and other urinary organs

Benign neoplasm of lip, oral cavity and pharynx

Benign neoplasm of male genital organs

Benign neoplasm of other and unspecified site

Benign neoplasm of other endocrine glands and related structures

Benign neoplasm of other female genital organs

Benign neoplasm of other parts of digestive system

Benign neoplasm of ovary

Benign neoplasm of respiratory and intrathoracic organs

Benign neoplasm of skin

Benign neoplasm of thyroid gland

Birth trauma

Blastomycotic infection

Blindness and low vision

Bronchiectasis

Bronchitis, not specified as acute or chronic

Bronchopneumonia, organism unspecified

Brucellosis

Bulbus cordis anomalies and anomalies of cardiac septal closure

Bullous dermatoses

Burn confined to eye and adnexa

Burn of face, head and neck

Burn of internal organs

Burn of lower limb(s)

Burn of trunk

Burn of upper limb, except wrist and hand

Burn of wrists(s) and hand(s)

Burns classified according to extent of body surface involved

Burns of multiple specified sites

Burns unspecified

Calculus of kidney and ureter

Calculus of lower urinary tract

Candidiasis

Carbuncle and furuncle

Carcinoma in situ of breast and genitourinary system

Carcinoma in situ of digestive organs

Carcinoma in situ of other and unspecified sites

Carcinoma in situ of respiratory system

Carcinoma in situ of skin

Cardiac dysrhythmias

Cardiomyopathy

Cardiovascular syphilis

Cataplexy and narcolepsy

Cataract

Cellulitis and abscess of finger and toe

Cerebral degenerations usually manifest in childhood

Cerebral laceration and contusion

Certain adverse effects not elsewhere classified

Certain congenital musculoskeletal deformities

Certain early complications of trauma

Chickenpox

Cholelithiasis

Cholera
Chorioetinal inflammations and scars and other disorders of choroid
Chromosomal anomalies
Chronic airways obstruction, not elsewhere classified
Chronic bronchitis
Chronic disease of tonsils and adenoids
Chronic glomerulonephritis
Chronic laryngitis and laryngotracheitis
Chronic liver disease and cirrhosis
Chronic pharyngitis and nasopharyngitis
Chronic pulmonary heart disease
Chronic renal failure
Chronic rheumatic pericarditis
Chronic sinusitis
Chronic ulcer of skin
Cleft palate and cleft lip
Coagulation defects
Coalworkers' pneumoconiosis
Complications affecting specified body systems, not elsewhere classified
Complications following abortion and ectopic and molar pregnancies
Complications of medical care, not elsewhere classified
Complications peculiar to certain specified procedures
Concussion
Conditions involving the integument and temperature regulation of
Conduction disorders
Congenital anomalies of ear, face and neck
Congenital anomalies of eye
Congenital anomalies of genital organs
Congenital anomalies of respiratory system
Congenital anomalies of the integument
Congenital anomalies of urinary system
Congenital hypothyroidism
Congenital syphilis
Contact dermatitis and other eczema
Contraceptive management
Contusion of eye and adnexa
Contusion of face, scalp, and neck except eye(s)
Contusion of lower limb and of other and unspecified sites
Contusion of trunk
Contusion of upper limb
Corneal opacity and other disorders of cornea
Corns and callosities
Cowpox and paravaccinia
Crushing injury of face, scalp and neck
Crushing injury of lower limb
Crushing injury of multiple and unspecified sites
Crushing injury of trunk
Crushing injury of upper limb
Crystal arthropathies
Curvature of spine
Cystitis
Deafness
Deficiency of B-complex components
Deflected nasal septum
Delivery in a completely normal case
Dengue
Dentofacial anomalies, including malocclusion
Depressive disorder, not elsewhere classified
Dermatitis due to taken internally substances
Disorders relating to short gestation and unspecified low birthweight
Disorders resulting from impaired renal function
Disproportion
Disturbance of conduct not elsewhere classified
Disturbance of emotions specific to childhood and adolescence
Diverticula of intestine
Drug dependence
Drug psychoses
Duodenal ulcer
Early or threatened labour
Early syphilis, latent
Early syphilis, symptomatic
Echinococcosis
Ectopic pregnancy
Effects of air pressure
Effects of heat and light
Effects of other external causes
Effects of radiation, unspecified
Effects of reduced temperature
Emphysema
Empyema
Echinococcosis
Endocrine and metabolic disturbances, specific to fetus and newborn
Endometriosis
Epilepsy
Erysipelas
Erythematous conditions
Essential hypertension
Excessive vomiting in pregnancy
Extrinsic allergic alveolitis
Facial nerve disorders
Failed attempted abortion
Fetal and neonatal haemorrhage
Fetus or newborn affected by complications of placenta, cord and membranes
Fetus or newborn affected by maternal complications of pregnancy
Fetus or newborn affected by maternal conditions which may be unrelated to
Fetus or newborn affected by other complications of labour and delivery
Filarial infection and dracontiasis
Fistulae involving female genital tract
Flat foot
Foreign body in anus and rectum
Foreign body in digestive system, unspecified
Foreign body in ear
Foreign body in genitourinary tract
Foreign body in intestine and colon
Foreign body in mouth, oesophagus and stomach
Foreign body in nose
Foreign body in pharynx and larynx
Foreign body in trachea, bronchus and lung
Foreign body on external eye
Fracture of ankle
Fracture of base of skull
Fracture of carpal bone(s)
Fracture of clavicle
Fracture of face bones
Fracture of humerus
Fracture of metacarpal bone(s)
Fracture of neck of femur
826 Fracture of one or more phalanges of foot
816 Fracture of one or more phalanges of hand
825 Fracture of one or more tarsal and metatarsal bones
821 Fracture of other unspecified parts of femur
822 Fracture of patella
808 Fracture of pelvis
813 Fracture of radius and ulna
811 Fracture of scapula
823 Fracture of tibia and fibula
829 Fracture of unspecified bones
800 Fracture of vault of skull
806 Fracture of vertebral column with spinal lesion
805 Fracture of vertebral column without mention of spinal cord
807 Fractures of rib(s), sternum, larynx and trachea
564 Functional digestive disorders, not elsewhere classified

531 Gastric ulcer
535 Gastritis and duodenitis
578 Gastrointestinal haemorrhage
534 Gastrojejunal ulcer
780 General symptoms
618 Genital prolapse
523 Gingival and periodontal diseases
024 Glanders
365 Glaucoma
098 Gonococcal infections
274 Gout

228 Haemangiomas and lymphangioma, any site
776 Haematological disorders of digestive system
773 Haemolytic disease of fetus or newborn, due to isoimmunization
640 Haemorrhage in early pregnancy
455 Haemorrhoids
428 Heart failure
342 Hemiplegia
356 Hereditary and idiopathic peripheral neuropathy
282 Hereditary haemolytic anaemias
054 Herpes simplex
053 Herpes zoster
115 Histoplasmosis
201 Hodgkin's disease
630 Hydatidiform mole
603 Hydrocele
591 Hydronephrosis
314 Hyperkinetic syndrome of childhood
600 Hyperplasia of prostate
642 Hypertension complicating pregnancychildbirth and the puerperium
404 Hypertensive heart and renal disease
402 Hypertensive heart disease
403 Hypertensive renal disease
458 Hypotension

556 Idiopathic proctocolitis
429 Ill-defined descriptions and complications of heart disease
809 Ill-defined fracture of trunk
009 Ill-defined intestinal infections
818 Ill-defined fractures of upper limb
636 Illegally induced abortion
684 Impetigo
899 Inadequate/irrelevant/unspecific response
343 Infantile cerebral palsy
Infection of kidney
Infections of the breast and nipple associated with childbirth
Infections specific to the perinatal period
Infectious mononucleosis
Infecive and parasitic conditions in the mother classifiable elsewhere but complicating pregnancy, childbirth and the puerperium
Infertility, female
Infertility, male
Inflammatory and toxic neuropathy
Inflammation of eyelids
Inflammatory disease of ovary, fallopian tube, pelvic cellular
Inflammatory disease of cervix, vagina and vulva
Inflammatory diseases of prostate
Inflammatory diseases of uterus, except cervix
Influenza
Inguinal hernia
Injury to blood vessels of thorax
Injury to blood vessels of abdomen and pelvis
Injury to blood vessels of head and neck
Injury to blood vessels of lower extremity and unspecified sites
Injury to blood vessels of upper extremity
Injury to gastrointestinal tract
Injury to heart and lung
Injury to kidney
Injury to liver
Injury to nerve roots and spinal plexus
Injury to optic nerve and pathways
Injury to other and unspecified intrathoracic organs
Injury to other and unspecified nerves
Injury to other cranial nerve(s)
Injury to other intraabdominal organs
Injury to other nerve(s) of trunk excluding shoulder and pelvic girdles
Injury to pelvic organs
Injury to peripheral nerve(s) of pelvic girdle and lower limb
Injury to peripheral nerve(s) of shoulder girdle and upper limb
Injury to spleen
Injury, other and unspecified
Internal derangement of joint
Internal injury to unspecified or ill-defined organs
Intervertebral disc disorders
Intestinal infections due to other organisms
Intestinal malabsorption
Intestinal obstruction without mention of hernia
Intestinal parasitism, unspecified
Intracranial injury of other and unspecified nature
Intracerebral haemorrhage
Intracranial and intraspinal abscess
Intruterine hypoxia and birth asphyxia
Iron deficiency anaemias
Keratitis
Known or suspected fetal abnormality affecting management of mother
Kwashiorkor
Late effects of acute poliomyelitis
Late effects of cerebrovascular disease
Late effects of injuries to skin and subcutaneous tissues
Late effects of injuries to the nervous system
Late effects of intracranial abscess or pyogenic infection
Late effects of musculoskeletal and connective tissue injuries
Late effects of other and unspecified external causes
Late effects of other and unspecified injuries
Late effects of other infectious and parasitic diseases
Late effects of tuberculosis
Late syphilis, latent
Legally induced abortion
Leishmaniasis
Leprosy
Leptospirosis
Leukaemia of unspecified cell type
Lichen
Lipoma
Liver abscess and sequelae of chronic liver disease
Long labour
Louse-borne [epidemic] typhus
Lung involvement in conditions classified elsewhere
Lymphoid leukaemia
Lymphosarcoma and reticulosarcoma
Major puerperal infection
Malaria
Malignant neoplasm of placenta
Malignant melanoma of skin
Malignant neoplasm of bladder
Malignant neoplasm of body of uterus
Malignant neoplasm of bone and articular cartilage
Malignant neoplasm of brain
Malignant neoplasm of cervix uteri
Malignant neoplasm of colon
Malignant neoplasm of connective and other soft tissue
Malignant neoplasm of eye
Malignant neoplasm of female breast
Malignant neoplasm of floor of moth
Malignant neoplasm of gallbladder and extrahepatic bile ducts
Malignant neoplasm of gum
Malignant neoplasm of hypopharynx
Malignant neoplasm of kidney and other and unspecified urinary organs
Malignant neoplasm of larynx
Malignant neoplasm of lip
Malignant neoplasm of liver and intrahepatic bile ducts
Malignant neoplasm of major salivary glands
Malignant neoplasm of male breast
Malignant neoplasm of nasal cavities, middle ear and accessory sinuses
Malignant neoplasm of nasopharynx
Malignant neoplasm of oesophagus
Malignant neoplasm of oropharynx
Malignant neoplasm of other and ill-defined sites
Malignant neoplasm of other and ill-defined sites within the digestive
Malignant neoplasm of other and ill-defined sites within the lip, oral
Malignant neoplasm of other and ill-defined sites within the respiratory
Malignant neoplasm of other and unspecified female genital organs
Malignant neoplasm of other and unspecified parts of mouth
Malignant neoplasm of other and unspecified parts of nervous system
Malignant neoplasm of other endocrine glands and related structures
Malignant neoplasm of ovary and other uterine adnexa
Malignant neoplasm of pancreas
Malignant neoplasm of penis and other male genital organs
Malignant neoplasm of pleura
Malignant neoplasm of retroperitoneum and peritoneum
Malignant neoplasm of small intestine, including duodenum
Malignant neoplasm of stomach
Malignant neoplasm of testis
164 Malignant neoplasm of thymus, heart and mediastinum
193 Malignant neoplasm of thyroid gland
141 Malignant neoplasm of tongue
162 Malignant neoplasm of trachea, bronchus and lung
179 Malignant neoplasm of uterus, part unspecified
154 Malignant neoplasm or rectum, rectosigmoid junction and anus
199 Malignant neoplasm without specification of site
185 Malignant neoplasms of prostate
652 Malposition and malpresentation of fetus
383 Mastoiditis and related conditions
055 Measles
025 Melioidosis
047 Meningitis due to enterovirus
321 Meningitis due to other organisms
322 Meningitis of unspecified cause
036 Meningococcal infection
627 Menopausal and postmenopausal disorders
346 Migraine
317 Mild mental retardation
018 Miliary tuberculosis
632 Missed abortion
206 Monocytic leukaemia
355 Mononeuritis of lower limb
354 Mononeuritis of upper limb and mononeuritis multiplex
794 Monspecific abnormal results of function studies
062 Mosquito-borne viral encephalitis
894 Multiple and unspecified open wound of lower limb
884 Multiple and unspecified open wound of upper limb
828 Multiple fractures involving both lower limbs, lower with upper limb, and
819 Multiple fractures involving both upper limbs, and upper limb with
804 Multiple fractures involving skull or face with other bones
817 Multiple fractures of hand bones
651 Multiple gestation
203 Multiple myeloma and immunoproliferative neoplasms
340 Multiple sclerosis
072 Mumps
359 Muscular dystrophies and other myopathies
205 Myeloid leukaemia
358 Myoneural disorders
471 Nasal polyps
235 Neoplasm of uncertain behaviour of digestive and respiratory systems
237 Neoplasm of uncertain behaviour of endocrine glands and nervous system
236 Neoplasm of uncertain behaviour of genitourinary organs
238 Neoplasm of uncertain behaviour of other and unspecified sites and tissues
239 Neoplasms of unspecified nature
583 Nephritis and nephropathy, not specified as acute or chronic
581 Nephrotic syndrome
353 Nerve root and plexus disorders
094 Neurosyphilis
300 Neurotic disorders
739 Nonallopathic lesions, not elsewhere classified
305 Nondependent abuse of drugs
457 Noninfective disorders of lymphatic channels
622 Noninflammatory disorders of cervix
620 Noninflammatory disorders of ovary, fallopian tube and broad ligament
623 Noninflammatory disorders of vagina
624 Noninflammatory disorders of vulva and perineum
792 Nonspecific abnormal findings in other body substances
793 Nonspecific abnormal findings in radiological and other examination
795 Nonspecific abnormal histological and immunological findings
Nonspecific findings on examination of blood
Nonspecific findings on examination of urine
Nonsuppurative otitis media and Eustachian tube disorders
Nontoxic nodular goitre
Nutritional marasmus
Obesity and other hyperalimentation
Obstetrical pulmonary embolism
Obstructed labour
Oclusion and stenosis of precerebral arteries
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Open wound of eyeball
Open wound of foot except toe(s) alone
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Open wound of hand except finger(s) alone
Open wound of hip and thigh
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Operation/surgery/investigation not elsewhere classified
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976 Poisoning by agents primarily affecting skin and mucous membrane,
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973 Poisoning by agents primarily affecting the gastrointestinal system
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840 Sprains and strains of shoulder and upper arm
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430 Subarachnoid haemorrhage
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Superficial injury of face, neck and scalp except eye
Superficial injury of finger(s)
Superficial injury of foot and toe(s)
Superficial injury of hand(s) except finger(s) alone
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Superficial injury of other, multiple and unspecified sites
Superficial injury of shoulder and upper arm
Superficial injury of trunk
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Suspected condition ruled out after observation/investigation
Symptoms concerning nutrition, metabolism and development
Symptoms involving cardiovascular system
Symptoms involving digestive system
Symptoms involving head and neck
Symptoms involving nervous and musculoskeletal systems
Symptoms involving respiratory system and other chest symptoms
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Testicular dysfunction
Tetanus
Thiamine and niacin deficiency states
Thyroiditis
Thyrotoxicosis with or without goitre
Tick-borne rickettsioses
Tick-borne viral encephalitis
Toxic effect of alcohol
Toxic effect of carbon monoxide
Toxic effect of corrosive aromatics, acids and caustic alkalis
Toxic effect of lead and its compounds (including fumes)
Toxic effect of noxious substances eaten as food
Toxic effect of other gases, fumes or vapours
Toxic effect of other metals
Toxic effect of other substances, chiefly nonmedical as to source
Toxic effect of petroleum products
Toxic effect of solvents other than petroleum-based
Toxoplasmosis
Trachoma
Transient cerebral ischaemia
Transient organic psychotic conditions
Trauma to perineum and vulva during delivery
Traumatic amputation of arm and hand (complete)(partial)
Traumatic amputation of leg(s) (complete)(partial)
Traumatic amputation of other finger(s) (complete)(partial)
Traumatic amputation of thumb (complete)(partial)
Traumatic amputation of toe(s) (complete)(partial)
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Trichinosis
Trichomoniasis
Trigeminal nerve disorders
Trypanosomiasis
Traumatic amputation of foot (complete)(partial)
Tuberculosis of bones and joints
Tuberculosis of genitourinary system
Tuberculosis of intestines, peritoneum and mesenteric gland
Tuberculosis of meninges and central nervous system
Tuberculosis of other organs
Tularaemia
002 Typhoid and paratyphoid fevers

663 Umbilical cord complications
637 Unspecified abortion
319 Unspecified mental retardation
598 Urethral stricture
597 Urethritis, not sexually transmitted, and urethral syndrome
708 Urticaria
218 Uterine leiomyoma

454 Varicose veins of lower extremities
456 Varicose veins of other sites
557 Vascular insufficiency of intestine
671 Venous complications in pregnancy and the puerperium
386 Vertiginous syndromes and other disorders of vestibular system
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064 Viral encephalitis transmitted by other and unspecified arthropods
070 Viral hepatitis
079 Viral infections in conditions classified elsewhere and of unspecified site
480 Viral pneumonia
368 Visual disturbances
264 Vitamin A deficiency
268 Vitamin D deficiency

033 Whooping cough

102 Yaws
OTHER SIGHT PROBLEM

Q39 Other sight problem

Coded using the International Classification of Diseases. The information supplied enabled the use of the full classification.

Coding frame


INJURIES

Q40 Injuries


Coding frame

**Source:** NCDS4/NCDS5 Coding Frame/International Classification Diseases (1977)

**Contents:**
- Structure of the BCS70 Injuries Coding Frame
- BCS70 Injuries Coding Frame
- Index to the BCS70 Injuries Coding Frame

**STRUCTURE OF THE BCS70 INJURIES CODING FRAME**

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BCS70 INJURIES CODING FRAME

Codes

FRACTURES

1. Fractures of skull and face bones (eg nose, jaw, cheek, eye palate)
2. Fractures of neck, spine, trunk (eg vertebral column, coccyx, ribs, breastbone breastbone, chest, larynx, trachea, windpipe)
3. Fractures of upper limb (eg shoulders, arm, collar bone, shoulder blade)
4. Fractures of wrist, hand, fingers thumb
5. Fractures of hip and lower limb (eg leg, foot, toes, pelvis, knee cap, shinbone ankle)
6. Multiple fractures
7. Fractures unspecified

DISLOCATIONS (bones out of place)

8. Dislocation of jaw
9. Dislocation of upper limb (eg shoulder, elbow)
10. Dislocation of wrist, finger, thumb
11. Dislocation of hip and lower limb (eg knee, ankle, foot, toes)
12. Other, multiple and unspecified dislocations

SPRAINS and STRAINS

[INCLUDES:  Avulsion of joint surrounds
             Tear          ligaments
             Snap          muscles
             Pull          tendons
             Rupture
             Sprain
             Strain

EXCLUDES:    Open wounds - See codes 24-34 below
             Lacerations of tendons in open wounds - See codes 24-30 below]

13. Sprains and strains of upper limb (eg shoulder, arm)
14. Sprains and strains of wrist, hand, fingers, thumb
15. Sprains and strains of hip and lower limb (eg thigh, knee, leg, ankle, foot, toes)
16. Sprains and strains of back and neck includes whiplash injury
17. Other and unspecified sprains and strains

HEAD INJURY (without skull fracture)

[EXCLUDES:    Nerve injury - See codes 69-75 below
             Open wound of head without intracrania (brain) injury - See code 25
             Skull fracture alone - See code 1 above]

18. Concussion
19. Cerebral (brain) laceration, bruising, haemorrhage, bleeding, following injury
20. Unspecified head/brain injury/other
INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS

[INCLUDES:  Blast injuries of internal organs
            Bruise
            Jarring
            Crushing
            Haematoma (ie: accumulation of blood in tissues/blood clot)
            Laceration
            Puncture
            Tear
            Traumatic (ie: due to injury) rupture (ie: bursting open)]

21. Internal injury to chest, heart, lung and other organs in chest area
22. Internal injury to stomach, intestines, rectum, other areas in gastro-intestinal tract, liver, spleen, kidney, pelvic, organs, other abdominal organs
23. Other, multiple and unspecified internal injuries

OPEN WOUND

[INCLUDES:  Animal bite
            Avulsion/tear
            Cut/laceration
            Puncture wound
            Traumatic (due to injury) amputation
            Human bite

EXCLUDES:  Burn - See codes 35-41 or 61-68 below
            Crushing - See codes 49-54 below
            Puncture of internal organs - Use codes 21-23 above
            Superficial injury - Use codes 35-41 below
            Wounds incidental to:
                        dislocations - see codes 8-12 above
                        fractures - see codes 1-7 above
                        internal injury - see codes 21-23 above
                        intracranial (brain) injury - see codes codes 18-20 above]
SUPERFICIAL INJURIES

**INCLUDES:** Abrasions
- Friction burn
- Blister
- Insect bite (non-venomous)
- Superficial foreign body (e.g., splinter) without major open wound

**EXCLUDES:** Major open wounds - See codes 24-34 above

35. Superficial injury of face, scalp, neck (e.g., cheek, ear, gum, lip, nose, throat)
36. Superficial injury of eye (includes eyelids, eyesocket, eyeball, cornea)
37. Superficial injury of trunk (e.g., abdominal wall, back, chest wall, breast, genital organs)
38. Superficial injury of upper limb (shoulder, arm)
39. Superficial injury of wrist, hand, finger thumb
40. Superficial injury of hip and lower limb
41. Other, multiple and unspecified

CONTUSION (bruise, haematoma) WITHOUT FRACTURE OR OPEN WOUND

42. Contusion of face, neck, scalp (e.g., cheek, ear, gum, lip, nose, throat, jaw)
43. Contusion of eye and eye socket (e.g., black eye, eyelids, eyeball)
44. Contusion of trunk (e.g., breast, chest, abdominal wall, side, groin, back, buttock, genital organs)
45. Contusion of upper limb (e.g., shoulder, arm)
46. Contusion of wrist, hand, fingers, thumb
47. Contusion of hip and lower limb (e.g., thigh, knee, ankle, foot, toes (nails))
48. Other, multiple and unspecified

CRUSHING INJURIES

**EXCLUDES:** Intracranial (brain) injury/concussion - See codes 18-20 above
- Severe crushing of internal organs due - See codes 21-23 above to internal injuries

49. Crushing of face, neck, scalp (not brain)
50. Crushing of trunk (not internal organs or chest) (e.g., back, buttock, breast, external genital organs)
51. Crushing of upper limb (e.g., shoulder, arm)
52. Crushing of wrist, hand, fingers, thumb
53. Crushing of hip and lower limb
54. Multiple and unspecified

FOREIGN BODIES

**EXCLUDES:** Penetrating wounds of the eye - See code 24 above

55. Foreign body ON eye (not penetrating into eye)
56. Foreign body IN ear, nose
57. Foreign body in throat, windpipe, lung, (e.g., asphyxia, choking, inhalation of fluid)
58. Foreign body in mouth, digestive system (e.g., stomach, intestine)
59. Foreign body in rectum, anus, genitourinary tract (e.g., bladder, vagina, penis) not intrauterine contraceptive device (IUCD)
60. Other and unspecified
BURNS

[INCLUDES: Burns from: electrical heating appliance, electricity, flame, hot object, lightening, radiation, chemicals, scalds

EXCLUDES: Friction burns - See codes 35-41 above
Sunburn - See code 77 below

61. Burns confined to eye, eyelid, adjacent area
62. Burns confined to face, head, neck (eg EYE WITH OTHER PARTS OF FACE, ear, head, lip, nose, scalp, temple)
63. Burns confined to trunk (abdominal wall, back, breast, chest, genital organs)
64. Burns confined to upper limb (arm, shoulder)
65. Burns confined to wrist, hand, fingers, thumb (nails)
66. Burns confined to hip and lower limb (eg leg, thigh, foot, toe (nails)
67. Multiple burns
68. Unspecified burns

INJURY TO NERVES AND SPINAL CORD

69. Injury to optic, cranial (eye, head) nerves
70. Injury to spinal cord nerves (without bony injury)
71. Injury to trunk nerves (eg abdominal wall, back, breast, chest, genital organs)
72. Injury to upper limb nerves (eg shoulder, arm)
73. Injury to nerves of wrist, hand, fingers, thumb
74. Injury to hip and lower limb nerves (eg leg, foot)
75. Other, multiple and unspecified

EARLY COMPLICATIONS OF TRAUMA

76. Early complications of trauma
(eg: haemorrhage, bleeding, shock, renal failure following crushing)

INJURY: OTHER and UNSPECIFIED

77. Injury: other and unspecified
(eg: back injury, unspecified; drug dependence & non-dependent abuse of drugs; sunburn;

EFFECTS OF POISONS

[INCLUDES: Overdose, dosage errors

EXCLUDES: Drug dependence or non-dependent abuse of drugs - See code 77 above]
98. Don't know/Can't say

INADEQUATE REPLY

99. Inadequate reply to whole question
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<td>Break/broken bone</td>
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<td>Nerve injury</td>
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DISABILITIES

Q41 Disabilities


Coding frame

See coding frame for OTHER HEALTH PROBLEMS (Q38) above.
ALCOHOL

Q43 Other alcohol

Coded using a frame developed following review of all BCS70 28-year survey responses.

Coding frame

Where possible, entries were coded back to the original Q43 precodes:

<table>
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<tr>
<td>Beer/lager</td>
<td>pints/other answer</td>
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<tr>
<td>Low alcohol beers/lagers</td>
<td>pints/other answer</td>
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<tr>
<td>Cider</td>
<td>pints/other answer</td>
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<tr>
<td>Low alcohol cider</td>
<td>pints/other answer</td>
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<tr>
<td>Wine</td>
<td>glasses/other answer</td>
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<tr>
<td>Low alcohol wine</td>
<td>glasses/other answer</td>
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<tr>
<td>Spirits (Gin, Whisky, Vodka, Rum, Brandy)</td>
<td>single measures/other answer</td>
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<tr>
<td>Martini/Cinzano/Sherry</td>
<td>small glasses/other answer</td>
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Remaining entries were coded as follows:

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<th>Alcohol</th>
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<td>bottles/other answer</td>
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<tr>
<td>Liqueurs</td>
<td>single measures/other answer</td>
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<td>Other alcohol</td>
<td>units/other answer</td>
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OTHER ANSWERS

<table>
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<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
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</tbody>
</table>
VOTING

Q47 Other vote

Coded using a frame developed following review of all BCS70 28-year survey responses.

Coding frame

Where possible, entries were coded back to the original Q47 precodes:

1 Would not vote
2 Conservative
3 Labour
4 Liberal Democrat
5 Plaid Cymru (Welsh Nationalist)
6 Scottish National

Remaining entries were coded as follows:

7 Green Party
8 National Front/British Movement/BNP
9 Communist/Socialist Workers/Workers Revolutionary
10 Socialist Labour/other socialist parties
11 Referendum Party
12 Greenpeace
13 Independent
14 Monster Raving Looney Party
15 Natural Law Party
16 Tactical vote - against Conservative Party
17 Tactical vote - against Labour Party
18 Tactical voted - nature unspecified
19 Anti-Europe - party unspecified
20 Other minority party
21 Spoil ballot/other protest vote

OTHER ANSWERS

93 Don’t understand politics
94 Not applicable (living outside Britain)
95 Refused
96 Unable to vote (not registered, other)
97 Irrelevant/unspecific response
98 Don’t know
99 Not answered
RELIGION

Q48 Religion

Coded using a frame developed following review of all BCS70 28-year survey responses

Coding frame

Where possible, entries were coded according to the NCDS4/5 frame

1  No religion

2  Church of England
   (including Episcopal, Free Church of England, Moravian Church in Great Britain and Ireland)

3  Roman Catholic
   (including Roman Catholic Church in England, Ukrainian Roman Catholic Church, Liberal Catholic Church, Old Roman Catholic Church)

4  URC/Congregational
   (including United Reformed Church, Congregational Federation, Evangelical Fellowship of Congregational Churches)

5  Baptist
   (including Baptist Union of Great Britain and N Ireland, Strict Baptist Churches, Old Baptist Union, FIEC Affiliated Baptist Churches, Other Baptist Churches)

6  Methodist
   (including Methodist Conference, Wesleyan Reform Union, Independent Methodist Churches, Free Methodist Church)

7  Christian - no denomination specified

OTHER CHRISTIAN CHURCHES

8  Independent
   (including FIEC-affiliated and associated Churches, Union of Evangelical Churches, Christian Brethren, Darby Brethren, Plymouth Brethren, Independent fellowship and House Churches, Independent Evangelical)

9  African/West Indian
   (including New Testament Church of God, Church of God of Prophecy, Church of Cherubim and Seraphim, Seventh Day Adventist Churches, Pilgrim Wesleyan Holiness Church, Other African and West Indian Churches)

10 Pentecostal/Holiness
   (including Assemblies of God, Elim Pentecostal Church, Apostolic Church, Church of the Nazarene, Emanuel Holiness Church)
11 Salvation Army
12 Religious Society of Friends/Quaker
13 Other Protestant
   (including: Lutheran Council of Britain; Evangelical Lutheran Churches; Churches of Christ; Countess of
   Huntingdon's Connexion; Churches of Overseas Nationals)
14 Orthodox
   (including: Greek Orthodox Archdiocese of Thyateira and Great Britain; Russian Orthodox Church; Russian
   Orthodox Church in Exile; Armenian Orthodox Church; Serbian Orthodox Church; Ukrainian Orthodox
   Church; Other Orthodox churches)
15 Church in Wales
16 Church of Scotland/Presbyterian
17 Mormon
18 Jehovah's Witness
19 Spiritualist
20 Christian - Protestant (unspecified)
21 Christian - Evengelical (unspecified)
22 Other specified Christian denomination

NON-CHRISTIAN RELIGIONS/FAITHS/AFFILIATIONS
23 Hindu
24 Jew
25 Muslim
26 Sikh
27 Buddhist
28 Other non-Christian

OTHER ANSWERS
97 Irrelevant/unspecific response
98 Don't know
99 Not answered
APPENDIX 4

Derived Variables
BCS70 1996 Follow-up: Derived variables

Introduction

A4.1 The derived variables included with the initial Data Archive deposit relate to five areas that were explored in the preliminary analysis of the BCS70 26-year data by SSRU researchers:

- Qualifications
- Labour market
- Relationships, marriage and children
- Health and health-related behaviour
- Views, voting and values.

A4.2 Further details of the derived variables are given below, as follows:

LIST OF DERIVED VARIABLES

| Qualifications                            | 4.95 |
| Labour market                             | 4.99 |
| Relationships, marriage and children      | 4.100|
| Health and health-related behaviour       | 4.101|
| Views, voting and values.                 | 4.102|

SPSS CODE USED TO CREATE DERIVED VARIABLES

| Qualifications                            | 4.105|
| Labour market                             | 4.122|
| Relationships, marriage and children      | 4.125|
| Health and health-related behaviour       | 4.131|
| Views, voting and values.                 | 4.133|

NB: The SPSS code is reproduced as supplied by the authors. No independent check has been conducted.
**LIST OF DERIVED VARIABLES**

**QUALIFICATIONS**

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<td>qual39</td>
<td>RSA stage 2: typing, etc</td>
</tr>
<tr>
<td>qual40</td>
<td>RSA stage 3: typing, etc</td>
</tr>
<tr>
<td>qual41</td>
<td>RSA level unspecified: typing, etc</td>
</tr>
<tr>
<td>qual42</td>
<td>PITMAN elementary: typing, etc</td>
</tr>
<tr>
<td>qual43</td>
<td>PITMAN intermediate: typing, etc</td>
</tr>
<tr>
<td>qual44</td>
<td>PITMAN advanced: typing, etc</td>
</tr>
<tr>
<td>qual45</td>
<td>PITMAN level unspecified: typing, etc</td>
</tr>
<tr>
<td>qual46</td>
<td>City &amp; Guilds: Operative</td>
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<tr>
<td>qual47</td>
<td>City &amp; Guilds: Craft/Intermediate/Ordinary/Part I</td>
</tr>
<tr>
<td>qual48</td>
<td>City &amp; Guilds: Advanced/Final/Part II or III</td>
</tr>
<tr>
<td>qual49</td>
<td>City &amp; Guilds: Full Technological</td>
</tr>
<tr>
<td>qual50</td>
<td>City &amp; Guilds: Other sort</td>
</tr>
<tr>
<td>qual51</td>
<td>City &amp; Guilds: Insignia Award in Technology</td>
</tr>
<tr>
<td>qual52</td>
<td>City &amp; Guilds: type unspecified</td>
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<tr>
<td>qual53</td>
<td>Joint Industry Board: Craft/technician Certificate</td>
</tr>
<tr>
<td>qual54</td>
<td>Joint Industry Board: Other</td>
</tr>
<tr>
<td>qual55</td>
<td>National Certificate: Ordinary level</td>
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<td>qual56</td>
<td>National Certificate: Higher level</td>
</tr>
<tr>
<td>qual57</td>
<td>National Certificate: General Diploma</td>
</tr>
<tr>
<td>qual58</td>
<td>National Certificate: Higher Diploma</td>
</tr>
<tr>
<td>qual59</td>
<td>National Certificate: level unspecified</td>
</tr>
<tr>
<td>qual60</td>
<td>Other Technical Certificate: foundation</td>
</tr>
<tr>
<td>qual61</td>
<td>Other Technical Certificate: HGV/PSV</td>
</tr>
<tr>
<td>qual62</td>
<td>Full Professional Qualification</td>
</tr>
<tr>
<td>qual63</td>
<td>Part of a Professional Qualification</td>
</tr>
<tr>
<td>qual64</td>
<td>Nursing Qualification</td>
</tr>
<tr>
<td>qual96</td>
<td>Other qualification - unclear</td>
</tr>
<tr>
<td>qual97</td>
<td>Irrelevant Response</td>
</tr>
<tr>
<td>qual98</td>
<td>Don’t know</td>
</tr>
<tr>
<td>qual99</td>
<td>No answer given</td>
</tr>
<tr>
<td>HQUAL26A</td>
<td>Highest Academic Qualification at 26</td>
</tr>
<tr>
<td>HQUAL26B</td>
<td>Highest Vocational Qualification at 26</td>
</tr>
<tr>
<td>HQUAL26C</td>
<td>Highest Vocational Qualification at 26</td>
</tr>
<tr>
<td>HQUAL26D</td>
<td>Highest Qualification at 26</td>
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## QUALIFICATIONS continued

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<th>Label</th>
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<tr>
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</tr>
<tr>
<td>qual3a</td>
<td>CSE grade 2 to 5</td>
</tr>
<tr>
<td>qual5a</td>
<td>O Level grade A to C</td>
</tr>
<tr>
<td>qual6a</td>
<td>O Level grade D to E</td>
</tr>
<tr>
<td>qual8a</td>
<td>GCSE grade A to C</td>
</tr>
<tr>
<td>qual9a</td>
<td>GCSE grade D to E</td>
</tr>
<tr>
<td>qual11a</td>
<td>A Level pass</td>
</tr>
<tr>
<td>qual13a</td>
<td>Scottish O Grade A to C</td>
</tr>
<tr>
<td>qual14a</td>
<td>Scottish O Grade D to E</td>
</tr>
<tr>
<td>qual16a</td>
<td>Scottish Standard Grade 1 to 3</td>
</tr>
<tr>
<td>qual17a</td>
<td>Scottish Standard Grade 4 to 5</td>
</tr>
<tr>
<td>qual19a</td>
<td>Scottish Higher Grade</td>
</tr>
<tr>
<td>qual20a</td>
<td>Scottish Certificate 6th Form Studies</td>
</tr>
<tr>
<td>qual22a</td>
<td>Higher Education Diploma</td>
</tr>
<tr>
<td>qual23a</td>
<td>1st Degree</td>
</tr>
<tr>
<td>qual24a</td>
<td>Teaching Qualification</td>
</tr>
<tr>
<td>qual26a</td>
<td>Post Grad qual: Masters PhD</td>
</tr>
<tr>
<td>HEDC</td>
<td>Higher Education Diploma</td>
</tr>
<tr>
<td>DEGREEC</td>
<td>1st Degree</td>
</tr>
<tr>
<td>PGCEC</td>
<td>Teaching Qualification</td>
</tr>
<tr>
<td>POSTGRDC</td>
<td>Post Grad qual: Masters PhD</td>
</tr>
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<td>CSE1B</td>
<td>CSE grade 1</td>
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<td>CSE2_5B</td>
<td>CSE grade 2 to 5</td>
</tr>
<tr>
<td>OL_ACB</td>
<td>O Level grade A to C</td>
</tr>
<tr>
<td>OL_DEB</td>
<td>O Level grade D to E</td>
</tr>
<tr>
<td>GCSE_ACB</td>
<td>GCSE grade A to C</td>
</tr>
<tr>
<td>GCSE_DEB</td>
<td>GCSE grade D to E</td>
</tr>
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<td>ALEVELB</td>
<td>A Level pass</td>
</tr>
<tr>
<td>SOG_ACB</td>
<td>Scottish O Grade A to C</td>
</tr>
<tr>
<td>SOG_DEB</td>
<td>Scottish O Grade D to E</td>
</tr>
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<td>SSG1_3B</td>
<td>Scottish Standard Grade 1 to 3</td>
</tr>
<tr>
<td>SSG4_5B</td>
<td>Scottish Standard Grade 4 to 5</td>
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<td>SHGB</td>
<td>Scottish Higher Grade</td>
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<td>SC_6TMB</td>
<td>Scottish Certificate 6th Form Studies</td>
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<tr>
<td>HEDB</td>
<td>Higher Education Diploma</td>
</tr>
<tr>
<td>DEGREEB</td>
<td>1st Degree</td>
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<td>Teaching Qualification</td>
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<tr>
<td>POSTGRDB</td>
<td>Post Grad qual: Masters PhD</td>
</tr>
<tr>
<td>SCHOOL26</td>
<td>Age left school</td>
</tr>
<tr>
<td>LEFTED26</td>
<td>AGE LEFT FULL-TIME EDUCATION</td>
</tr>
<tr>
<td>leftedg</td>
<td>Age left Full-time Education</td>
</tr>
<tr>
<td>LEFTED26</td>
<td>AGE LEFT FULL-TIME EDUCATION</td>
</tr>
<tr>
<td>MANYCLQ</td>
<td>How many qualification courses?</td>
</tr>
<tr>
<td>MANYYTS</td>
<td>How many YTS courses?</td>
</tr>
<tr>
<td>MANYGOV</td>
<td>How many Other Gov schemes?</td>
</tr>
<tr>
<td>MANYWRT</td>
<td>How many WRT courses?</td>
</tr>
<tr>
<td>YN_CLQ</td>
<td>Any course leading to a qualification?</td>
</tr>
<tr>
<td>YN_WRT</td>
<td>Any work-related training?</td>
</tr>
<tr>
<td>YN_YTS</td>
<td>Any youth training scheme?</td>
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LABOUR MARKET

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<tr>
<th>Variable</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>empstatc</td>
<td>Employment status recoded</td>
</tr>
<tr>
<td>everhome</td>
<td>Ever period looking after home, etc</td>
</tr>
<tr>
<td>everill</td>
<td>Ever period unable to work as ill</td>
</tr>
<tr>
<td>everolf</td>
<td>Ever out of the labour force for other reason</td>
</tr>
<tr>
<td>neverft</td>
<td>Never had a full-time job</td>
</tr>
<tr>
<td>neverpt</td>
<td>Never had a part-time job</td>
</tr>
<tr>
<td>neveremp</td>
<td>Never unemployed</td>
</tr>
<tr>
<td>everun2</td>
<td>Ever unemployed</td>
</tr>
<tr>
<td>everunem</td>
<td>Ever unemployed</td>
</tr>
<tr>
<td>service</td>
<td>Years in current job</td>
</tr>
<tr>
<td>hourswk</td>
<td>Usual weekly hours</td>
</tr>
<tr>
<td>hourswkc</td>
<td>Corrected weekly hours</td>
</tr>
<tr>
<td>hourswgc</td>
<td>Corrected weekly hours, grouped</td>
</tr>
<tr>
<td>hrlypay</td>
<td>Hourly pay</td>
</tr>
<tr>
<td>hrlypayc</td>
<td>Corrected hourly pay</td>
</tr>
<tr>
<td>hpaycor</td>
<td>Further corrected hourly pay</td>
</tr>
<tr>
<td>wklypay</td>
<td>Weekly pay</td>
</tr>
<tr>
<td>wklypayc</td>
<td>Corrected weekly pay</td>
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## RELATIONSHIPS, MARRIAGE AND CHILDREN

<table>
<thead>
<tr>
<th>Variable</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>ageych</td>
<td>age of youngest child in household</td>
</tr>
<tr>
<td>ageych2</td>
<td>age of youngest OWN child in household</td>
</tr>
<tr>
<td>depchild</td>
<td>total number of dependent children in household</td>
</tr>
<tr>
<td>eldest</td>
<td>age of eldest child in household</td>
</tr>
<tr>
<td>eldest2</td>
<td>age of eldest OWN child in household</td>
</tr>
<tr>
<td>haschild</td>
<td>R has natural child</td>
</tr>
<tr>
<td>ownkid</td>
<td>total number of own children in household</td>
</tr>
<tr>
<td>adoptkid</td>
<td>total number of adopted children in household</td>
</tr>
<tr>
<td>fostkid</td>
<td>total number of fostered children in household</td>
</tr>
<tr>
<td>stepkid</td>
<td>total number of step children in household</td>
</tr>
<tr>
<td>marstpar</td>
<td>legal and partner status</td>
</tr>
<tr>
<td>numkids</td>
<td>No of natural children</td>
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## HEALTH AND HEALTH-BEHAVIOUR

<table>
<thead>
<tr>
<th>Variable</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>ahome</td>
<td>No of accidents at home</td>
</tr>
<tr>
<td>awork</td>
<td>No of accidents at work</td>
</tr>
<tr>
<td>aelse</td>
<td>No of accidents elsewhere</td>
</tr>
<tr>
<td>aroad</td>
<td>No of road accidents</td>
</tr>
<tr>
<td>asport</td>
<td>No of sporting accidents</td>
</tr>
<tr>
<td>mismal</td>
<td>No of missing Malaise items</td>
</tr>
<tr>
<td>mal</td>
<td>Total Malaise score</td>
</tr>
<tr>
<td>mal26</td>
<td>Grouped Malaise score</td>
</tr>
</tbody>
</table>
VIEWS, VOTING AND VALUES

**Variable** | **Label**
---|---
laword | Support for law and order
polecyn | Political cynicism
equality | Support for sex equality
marital | Support for traditional marital values
work | Support for Protestant work ethic

**Factor Analysis of Attitude Variables**

Two factor analyses, using the SPSS computer package, were carried out on the opinion data included in the BCS70 Twenty six-year Follow-up, and presented in chapter 6 of *Twenty something in the 1990s*. Each involved first the computation of a product moment correlation matrix using ‘list-wise’ deletion of missing cases. This was followed by a principal components analysis and then a Varimax (orthogonal) rotation of all factors with latent roots greater than 1. Varimax rotation was followed by oblique rotation (allowing the factors to be correlated) using the Oblimin method.

The first factor analysis was carried out on the 17 opinion variables. Five factors were identified. The factor loadings for the oblique Oblimin solution are shown in Table A4.1. Highest factor loadings, which were used to define each factor and determine a label for it, are shown in bold in Table A4.1. The only anomalous loading was for *support for the work ethic*, which received only one high loading and linked the ‘left-right’ item 16 rather inappropriately to the factor. (It was not used to measure the factor).

The second factor analysis was carried out on the correlations among the five attitude factors, the three self attitude variables, the religious affiliation variable and the political orientation variables (interest and voting intention).

Three factors were obtained. The Oblimin solution failed to converge, suggesting that only an orthogonal Varimax solution was appropriate, i.e., there was no correlation among the factors. The factor loadings for the Varimax solution are shown in Table A4.2. Highest factor loadings, which were used to define each factor and determine a label for it, are shown in bold in Table A4.2.

Finally, Table A4.3 shows the means, standard deviations and reliability coefficients (Cronbach’s alpha) for each of the scales used to measure each of the five attitude factors. The factor scores for the first set of factors were obtained by averaging the scores on the individual scales used to define each factor. These were the scores used to produce Figures 2.1 to 2.5 in Chapter 6 of *Twenty something in the 1990s*. Notably, all the scales showed much the same variability in the scores as shown by the standard deviations, except for *support for sex equality*, where the variability was much less. The most reliable scales were political cynicism and support for traditional marital values, with reliability coefficients over .60. The least reliable scale was support for the work ethic - reliability coefficient, .40. This latter scale ideally needs more items to be measured reliably.

---

### Table A4.1

Factor analysis of opinion variables: factor loadings

<table>
<thead>
<tr>
<th></th>
<th>Law and order</th>
<th>Political cynicism</th>
<th>Sex equality</th>
<th>Marital values</th>
<th>Work ethic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>.40</td>
<td>.16</td>
<td>.02</td>
<td>-.09</td>
<td>.30</td>
</tr>
<tr>
<td>2</td>
<td>.04</td>
<td>.03</td>
<td>.73</td>
<td>-.02</td>
<td>-.13</td>
</tr>
<tr>
<td>3</td>
<td>.08</td>
<td>-.13</td>
<td>.01</td>
<td>-.16</td>
<td>.70</td>
</tr>
<tr>
<td>4</td>
<td>.70</td>
<td>.25</td>
<td>-.12</td>
<td>.10</td>
<td>.04</td>
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### Table A4.2

Factor analysis of social attitudes, self attitudes, religious and political orientation variables: factor loadings

<table>
<thead>
<tr>
<th>Factors</th>
<th>Disaffection</th>
<th>Efficacy</th>
<th>Traditionalism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support for sex equality</td>
<td>-.05</td>
<td>.20</td>
<td>-.40</td>
</tr>
<tr>
<td>Support for law and order</td>
<td>.22</td>
<td>.18</td>
<td>.68</td>
</tr>
<tr>
<td>Support for traditional marital values</td>
<td>-.01</td>
<td>.01</td>
<td>.69</td>
</tr>
<tr>
<td>Political cynicism</td>
<td>.68</td>
<td>-.20</td>
<td>.05</td>
</tr>
<tr>
<td>Support for the work ethic</td>
<td>.02</td>
<td>.42</td>
<td>.47</td>
</tr>
<tr>
<td>Belongs to a religion</td>
<td>-.42</td>
<td>.08</td>
<td>.43</td>
</tr>
<tr>
<td>Standard of living</td>
<td>-.02</td>
<td>.68</td>
<td>.05</td>
</tr>
<tr>
<td>Feels in control of life</td>
<td>.02</td>
<td>.58</td>
<td>-.16</td>
</tr>
<tr>
<td>Satisfaction with life so far</td>
<td>.07</td>
<td>.72</td>
<td>.05</td>
</tr>
<tr>
<td>Political interest</td>
<td>-.75</td>
<td>-.03</td>
<td>-.19</td>
</tr>
<tr>
<td>Intends to vote</td>
<td>-.73</td>
<td>-.01</td>
<td>.02</td>
</tr>
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</table>

Table A4.3
### Statistics for social attitude scales

<table>
<thead>
<tr>
<th></th>
<th>Mean score</th>
<th>Standard deviation</th>
<th>Reliability coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Political cynicism</td>
<td>2.94</td>
<td>.75</td>
<td>.65</td>
</tr>
<tr>
<td>Support for sex equality</td>
<td>3.99</td>
<td>.55</td>
<td>.55</td>
</tr>
<tr>
<td>Support for law and order</td>
<td>3.65</td>
<td>.70</td>
<td>.54</td>
</tr>
<tr>
<td>Support for traditional marital values</td>
<td>3.29</td>
<td>.74</td>
<td>.61</td>
</tr>
<tr>
<td>Support for work ethic</td>
<td>3.43</td>
<td>.74</td>
<td>.40</td>
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SPSS CODE USED TO CREATE DERIVED VARIABLES

QUALIFICATIONS

NB: The SPSS code is reproduced as supplied by the author(s). No independent check has been conducted.

** HIGHEST QUALIFICATION AT AGE 26: BOTH ACADEMIC AND VOCATIONAL.
** COMBINING INFORMATION FROM CLOSED QUALIFICATION QUESTIONS AND OPEN-ENDED QUALIFICATION QUESTIONS.

** CLOSED QUESTIONS ARE VARIABLES b960146 b960147 b960150 b960153 b960156
** b960159 b960162 b960165 b960168 b960171 b960174 b960212 b960215
** b960218 b960219 b960220 b960221.

** OPEN-ENDED QUESTIONS ASK FOR OTHER ACADEMIC OR VOCATIONAL QUALIFICATIONS:
** THESE ARE VARIABLES
q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12
q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12.

** OPEN-ENDED QUESTIONS.
** SETTING MISSING VALUES.

MISSING VALUES
q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12
q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12
(97 THRU HIGHEST, 0).

** COUNTING ACROSS ALL 24 OPEN-ENDED VARIABLES TO SEE PERCENT OF COHORT WITH
** SPECIFIC QUALIFICATIONS.

COUNT
CT_CODE = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11
q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10
q5b11 q5b12 (0) /
NO_QUAL = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11
q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10
q5b11 q5b12 (1) /
CSE1 = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12
q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b10 q5b11 q5b12
(2) /
CSE2_5 = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11
q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10
q5b11 q5b12 (3) /
CSE_UN = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11
q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10
q5b11 q5b12 (4) /
OL_AC = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11
q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10
q5b11 q5b12 (5) /
OL_DE = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11
q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10
q5b11 q5b12 (6) /
OL_UN = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11
q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10
q5b11 q5b12 (7) /
GCSE_AC = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11
q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10
q5b11 q5b12 (8) /
GCSE_DE = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11
q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10
q5b11 q5b12 (9) /
GCSE_UN = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11
q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10
q5b11 q5b12 (10) /
ALEVEL = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (1) / 
SLEVEL = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (11) / 
SOG_AC = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (12) / 
SOG_DE = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (13) / 
SOC_UN = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (14) / 
SSG1_3 = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (15) / 
SSG4_5 = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (16) / 
SSG_UN = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (17) / 
SHG = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (18) / 
SC_6TH = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (19) / 
OTHER_S = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (20) / 
HED = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (21) / 
DEGREE = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (22) / 
PGCE = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (23) / 
OPGC = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (24) / 
POSTGRAD = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (25) / 
FOUND = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (26) / 
DIP_UN = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (27) / 
OTHER_AC = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (28) / 
ACCESS = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (29) / 
NVQ_1 = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (30) / 
NVQ_2 = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (31) / 
NVQ_3 = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 (32) /
TEC_GC = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (56) /

TEC_HC = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (57) /

TEC_UN = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (59) /

OT_FOUND = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (60) /

OT_HGV = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (61) /

PRO_FULL = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (62) /

PRO_PART = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (63) /

NURSE = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (64) /

OTHER_UN = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (66) /

IRREL_R = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (96) /

DONTKNOW = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (97) /

NO_ANS = q5a01 q5a02 q5a03 q5a04 q5a05 q5a06 q5a07 q5a08 q5a09 q5a10 q5a11 q5a12 q5b01 q5b02 q5b03 q5b04 q5b05 q5b06 q5b07 q5b08 q5b09 q5b10 q5b11 q5b12 (99) .

EXECUTE .

VARIABLE LABELS CT_CODE "Can't Code".
VARIABLE LABELS NO_QUAL'No vocational qualifications'.
VARIABLE LABELS CSE1'"CSE grade 1"'.
VARIABLE LABELS CSE2_5'"CSE grade 2 to 5"'.
VARIABLE LABELS CSE_UN '"CSE grade unspecified"'.
VARIABLE LABELS OL_AC '"O Level grade A to C"'.
VARIABLE LABELS OL_DE '"O Level grade D to E"'.
VARIABLE LABELS OL_UN '"O Level grade unspecified"'.
VARIABLE LABELS GCSE_AC '"GCSE grade A to C"'.
VARIABLE LABELS GCSE_DE '"GCSE grade D to E"'.
VARIABLE LABELS GCSE_UN '"GCSE grade unspecified"'.
VARIABLE LABELS ALEVEL '"A Level pass"'.
VARIABLE LABELS SLEVEL '"S Level pass"'.
VARIABLE LABELS SOG_AC '"Scottish O Grade A to C"'.
VARIABLE LABELS SOG_DE '"Scottish O Grade D to E"'.
VARIABLE LABELS SOC_UN '"Scottish O Grade unspecified"'.
VARIABLE LABELS SSG1_3 '"Scottish Standard Grade 1 to 3"'.
VARIABLE LABELS SSG4_5 '"Scottish Standard Grade 4 to 5"'.
VARIABLE LABELS SOG_UN '"Scottish Standard Grade unspecified"'.
VARIABLE LABELS SHG '"Scottish Higher Grade"'.
VARIABLE LABELS SC_6TH '"Scottish Certificate 6th Form Studies"'.
VARIABLE LABELS OTHER_S '"Other Scottish Qualification"'.
VARIABLE LABELS HED '"Higher Education Diploma"'.
VARIABLE LABELS DEGREE '"1st Degree"'.
VARIABLE LABELS PGCE '"Teaching Qualification"'.
VARIABLE LABELS OPGC '"Other Post Grad Certificate"'.
VARIABLE LABELS POSTGRAD '"Post Grad qual: Masters PhD"'.
VARIABLE LABELS FOUND '"HE Foundation Course"'.

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VARIABLE LABELS DIP UN 'HE CertDiploma - level unspecified'.
VARIABLE LABELS OTHER AC 'Other Academic Qualification'.
VARIABLE LABELS ACCESS 'Access course'.
VARIABLE LABELS NVQ 1 'NVQ1 level qualification'.
VARIABLE LABELS NVQ 2 'NVQ2 level qualification'.
VARIABLE LABELS NVQ 3 'NVQ3 level qualification'.
VARIABLE LABELS NVQ 4 'NVQ4 level qualification'.
VARIABLE LABELS NVQ 5 'NVQ5 level qualification'.
VARIABLE LABELS NVQ 6 'NVQ6 level qualification'.
VARIABLE LABELS NVQ UN 'NVQ level qualification unspecified'.
VARIABLE LABELS RSA 1 'RSA elementary: typing, etc'.
VARIABLE LABELS RSA 2 'RSA intermediate: typing, etc'.
VARIABLE LABELS RSA 3 'RSA advanced: typing, etc'.
VARIABLE LABELS RSA UN 'RSA level unspecified: typing, etc'.
VARIABLE LABELS PIT 1 'PITMAN elementary: typing, etc'.
VARIABLE LABELS PIT 2 'PITMAN intermediate: typing, etc'.
VARIABLE LABELS PIT 3 'PITMAN advanced: typing, etc'.
VARIABLE LABELS PIT UN 'PITMAN level unspecified: typing, etc'.
VARIABLE LABELS CG OP 'City & Guilds: Operative'.
VARIABLE LABELS CG CIO1 'City & Guilds: Craft/Intermediate/Ordinary/Part I'.
VARIABLE LABELS CG AF2 3 'City & Guilds: Advanced/Final/Part II or III'.
VARIABLE LABELS CG FTC 'City & Guilds: Full Technological'.
VARIABLE LABELS CG OTHER 'City & Guilds: Other sort'.
VARIABLE LABELS CG IAT 'City & Guilds: Insignia Award in Technology'.
VARIABLE LABELS CG UN 'City & Guilds: type unspecified'.
VARIABLE LABELS JIB CTC 'Joint Industry Board: Craft/technician Certificate'.
VARIABLE LABELS JIB UN 'Joint Industry Board: Other'.
VARIABLE LABELS ONC SNC 'National Certificate: Ordinary level'.
VARIABLE LABELS HNC SHNC 'National Certificate: Higher level'.
VARIABLE LABELS TEC GC 'National Certificate: General Diploma'.
VARIABLE LABELS TEC HC 'National Certificate: Higher Diploma'.
VARIABLE LABELS TEC UN 'National Certificate: level unspecified'.
VARIABLE LABELS OT FOUND 'Other Technical Certificate: foundation'.
VARIABLE LABELS OT HGV 'Other Technical Certificate: HGV/PSV'.
VARIABLE LABELS PRO FULL 'Full Professional Qualification'.
VARIABLE LABELS PRO PART 'Part of a Professional Qualification'.
VARIABLE LABELS NURSE 'Nursing Qualification'.
VARIABLE LABELS OTHER UN 'Other qualification - unknown'.
VARIABLE LABELS IRREL R 'Irrelevant Response'.
VARIABLE LABELS DONTKNOW 'Don't know'.
VARIABLE LABELS NO_ANS 'No answer given'.

** THESE VARIABLES SHOW HOW MANY OF EACH SPECIFIC QUALIFICATION COHORT MEMBER **
** HAVE .

** CAN BE USED WITH CLOSED QUESTIONS TO OBTAIN TOTAL PERCENTAGE OF COHORT WITH **
** HOW MANY OF EACH QUALIFICATION - THIS IS DONE LATER ON.

** SUMMARY YES/NO VARIABLES: HAS COHORT MEMBER GOT QUALIFICATION, NOT HOW MANY **
** AS ABOVE .

RECODE
access alevel cg_af2_3 cg_cio1 cg_ftc cg_iat cg_op cg_other cg_un csel cse2_5
cse_un ct_code degree dip_un dontknw found gcse_ac gcse_de gcse_un hed
hnc_shnc irrel_r jib_ctc jib_un no_ans no_qual nursery nvq_1 nvq_2 nvq_3 nvq_4
nvq_5 nvq_6 nvq_un ol_ac ol_de ol_un onc_snc opgc ot_found ot_hgv other_ac
other_s other_un pgtc pit_1 pit_2 pit_3 pit_un postgrad pro_full pro_part
rsa_1 rsa_2 rsa_3 rsa_un sc_6th shg slevl soc_un soc_ac soc_de ssgl_1 ssg4_5
ssg_un tec_gc tec_hc tec_un
(0=Copy)(MISSING=SYSMIS)(1 thru Highest=1) INTO
QUAL30 QUAL11 QUAL48 QUAL47 QUAL49 QUAL51 QUAL46 QUAL50 QUAL52 QUAL2 QUAL3
QUAL4 QUAL0 QUAL23 QUAL98 QUAL27 QUAL9 QUAL10 QUAL12 QUAL56
QUAL97 QUAL53 QUAL54 QUAL99 QUAL1 QUAL64 QUAL31 QUAL32 QUAL33 QUAL34 QUAL35
QUAL36 QUAL37 QUAL5 QUAL6 QUAL7 QUAL55 QUAL25 QUAL60 QUAL61 QUAL29 QUAL21
QUAL96 QUAL24 QUAL42 QUAL44 QUAL45 QUAL26 QUAL62 QUAL63 QUAL38 QUAL39
QUAL40 QUAL41 QUAL20 QUAL19 QUAL12 QUAL15 QUAL14 QUAL16 QUAL17 QUAL18
QUAL57 QUAL58 QUAL59.
EXECUTE.
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<th>VARIABLE LABELS</th>
<th>Description</th>
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<td>&quot;Can't Code&quot;.</td>
</tr>
<tr>
<td>qual1</td>
<td>'No vocational qualifications'.</td>
</tr>
<tr>
<td>qual2</td>
<td>'CSE grade 1'.</td>
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<tr>
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<td>qual7</td>
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<td>'S Level pass'.</td>
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<tr>
<td>qual53</td>
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<tr>
<td>qual54</td>
<td>'Joint Industry Board: Other'.</td>
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<td>'National Certificate: Higher level'.</td>
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<td>'National Certificate: Higher Diploma'.</td>
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<tr>
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<td>qual60</td>
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<tr>
<td>qual61</td>
<td>'Other Technical Certificate: HGV/PSV'.</td>
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<td>'Nursing Qualification'.</td>
</tr>
<tr>
<td>qual65</td>
<td>'Other qualification - unclear'.</td>
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</tbody>
</table>
VARIABLE LABELS qual97 'Irrelevant Response'.
VARIABLE LABELS qual98 "Don't know".
VARIABLE LABELS qual99 'No answer given'.

** RECODE THESE QUALIFICATION VARIABLES FURTHER: MAKE 1 EQUAL SPECIFIC
** QUALIFICATION NUMBER, IE: FOR QUAL4, 1 EQUALS 4.

RECODE QUAL1 (1=1)
   /QUAL2 (1=2)
   /QUAL3 (1=3)
   /QUAL4 (1=4)
   /QUAL5 (1=5)
   /QUAL6 (1=6)
   /QUAL7 (1=7)
   /QUAL8 (1=8)
   /QUAL9 (1=9)
   /QUAL10 (1=10)
   /QUAL11 (1=11)
   /QUAL12 (1=12)
   /QUAL13 (1=13)
   /QUAL14 (1=14)
   /QUAL15 (1=15)
   /QUAL16 (1=16)
   /QUAL17 (1=17)
   /QUAL18 (1=18)
   /QUAL19 (1=19)
   /QUAL20 (1=20)
   /QUAL21 (1=21)
   /QUAL22 (1=22)
   /QUAL23 (1=23)
   /QUAL24 (1=24)
   /QUAL25 (1=25)
   /QUAL26 (1=26)
   /QUAL27 (1=27)
   /QUAL28 (1=28)
   /QUAL29 (1=29)
   /QUAL30 (1=30)
   /QUAL31 (1=31)
   /QUAL32 (1=32)
   /QUAL33 (1=33)
   /QUAL34 (1=34)
   /QUAL35 (1=35)
   /QUAL36 (1=36)
   /QUAL37 (1=37)
   /QUAL38 (1=38)
   /QUAL39 (1=39)
   /QUAL40 (1=40)
   /QUAL41 (1=41)
   /QUAL42 (1=42)
   /QUAL43 (1=43)
   /QUAL44 (1=44)
   /QUAL45 (1=45)
   /QUAL46 (1=46)
   /QUAL47 (1=47)
   /QUAL48 (1=48)
   /QUAL49 (1=49)
   /QUAL50 (1=50)
   /QUAL51 (1=51)
   /QUAL52 (1=52)
   /QUAL53 (1=53)
   /QUAL54 (1=54)
   /QUAL55 (1=55)
   /QUAL56 (1=56)
   /QUAL57 (1=57)
   /QUAL58 (1=58)
   /QUAL59 (1=59)
   /QUAL60 (1=60)
   /QUAL61 (1=61)
** CLOSED QUESTION QUALIFICATION VARIABLES.

** SOME COHORT MEMBERS MENTIONED QUALIFICATIONS INCLUDED ON THE CLOSED
** QUESTION LIST UNDER EITHER THE OPEN-ENDED 'OTHER ACADEMIC' OR 'VOCATIONAL'
** QUALIFICATIONS.

** MATCHING CLOSED QUESTION QUALIFICATIONS TO THE QUALIFICATION NUMBER GIVEN
** TO SPECIFIC QUALIFICATIONS IN THE RECODED OPEN-ENDED QUESTIONS.

** HIGHEST ACADEMIC QUALIFICATION AT AGE 26.

MISSING VALUES b960146 b960147 b960150 b960153 b960159 b960162
b960165 b960168 b960171 b960174 b960177 b960212 b960215 b960218 b960219
b960220 b960221 b960222 (-3 thru -1).

VARIABLE LABELS HQUAL26A 'Highest Academic Qualification at 26'.
VALUE LABELS HQUAL26A 0'No Qualification'
1'CSE 2-5'
2'O Level'
3'A Level'
4'Higher Qual'
5'Degree +'.

EXECUTE.
MISSING VALUES HQUAL26a (-1).
EXECUTE.

FREQUENCIES VARIABLES=hqual26a  .

** HIGHEST VOCATIONAL QUALIFICATION AT AGE 26 .
** ONLY FOR COHORT MEMBERS WHO RESPONDED TO OPEN-ENDED QUESTIONS ON OTHER
** ACADEMIC OR VOCATIONAL QUALIFICATIONS QUESTIONS.
** MANY COHORT MEMBERS REPORTED HAVING A QUALIFICATION BUT NOT THE GRADE.
** THIS VERSION SETS LEVEL OF QUALIFICATION TO MISSING IF THE GRADE WAS UNKNOWN

DO IF (B960223 = 1 | B960223 = 2 | B960222 = 18) .
COMPUTE HQUAL26B = 0 .
DO REPEAT X=qual31 qual32 qual33 qual34 qual35 qual36 qual38 qual39 qual40
qual41 qual42 qual43 qual44 qual45 qual46 qual47 qual48 qual49
qual50 qual51 qual52 qual53 qual54 qual55 qual56 qual57 qual58
qual59 qual60 qual61 qual62 qual63 qual64 qual96 .
IF ANY (X,37,41,45,52,54,59,60,96) HQUAL26B = -1 .
IF (ANY (X,33,48,55,57) AND HQUAL26B < 3) HQUAL26B = 3 .
IF (ANY (X,34,49,56,58,62,63,64) AND HQUAL26B < 4) HQUAL26B = 4 .
IF (ANY (X,35,36) AND HQUAL26B < 5) HQUAL26B = 5 .
END REPEAT .
END IF .

VARIABLE LABELS HQUAL26B 'Highest Vocational Qualification at 26'.
VALUE LABELS HQUAL26B 0 'No Qualification'
1 'NVQ1'
2 'NVQ2'
3 'NVQ3'
4 'NVQ4'
5 'NVQ5 +'
-1 'Quals but level unknown'.
MISSING VALUES HQUAL26B (-1).
EXECUTE.

FREQUENCIES VARIABLES=hqual26b  .

** THIS VERSION PROVIDES A GUESS FOR THE LEVELS OF UNKNOWN VOCATIONAL
QUALIFICATIONS .

DO IF (B960223 = 1 | B960223 = 2 | B960222 = 18) .
COMPUTE HQUAL26C = 0 .
DO REPEAT X=qual31 qual32 qual33 qual34 qual35 qual36 qual38 qual39 qual40
qual41 qual42 qual43 qual44 qual45 qual46 qual47 qual48 qual49
qual50 qual51 qual52 qual53 qual54 qual55 qual56 qual57 qual58
qual59 qual60 qual61 qual62 qual63 qual64 qual96 .
IF ANY (X,37,96) HQUAL26C = -1 .
IF (ANY (X,31,38,42,61) AND HQUAL26C < 1) HQUAL26C = 1 .
IF (ANY (X,32,39,40,43,44,46,47,50,51,53) AND HQUAL26C < 2) HQUAL26C = 2 .
IF (ANY (X,33,48,55,57) AND HQUAL26C < 3) HQUAL26C = 3 .
IF (ANY (X,34,49,56,58,62,63,64) AND HQUAL26C < 4) HQUAL26C = 4 .
IF (ANY (X,35,36) AND HQUAL26C < 5) HQUAL26C = 5 .
END REPEAT .
END IF .

VARIABLE LABELS HQUAL26C 'Highest Vocational Qualification at 26'.
VALUE LABELS HQUAL26C 0 'No Qualification'
1 'NVQ1'
2 'NVQ2'
MISSING VALUES HQUAL26C (-1).
EXECUTE.

FREQUENCIES
VARIABLES=hqual26C  .

** HIGHEST OVERALL QUALIFICATION AT 26.
** INCLUDES CONSERVATIVE GUESSTIMATES OF VOCATIONAL/ACADEMIC QUALS WHEN GRADE ATTAINED NOT SPECIFIED.

COMPUTE HQUAL26D = -2 .
DO REPEAT X=b960146 b960147 b960150 b960153 b960156 b960159 b960162 b960165 b960168 b960171 b960174 b960212 b960215 b960218 b960219 b960220 b960221 qual0 qual1 qual10 qual11 qual12 qual13 qual14 qual15 qual16 qual17 qual18 qual19 qual2 qual20 qual21 qual22 qual23 qual24 qual25 qual26 qual27 qual28 qual29 qual3 qual30 qual31 qual32 qual33 qual34 qual35 qual36 qual37 qual38 qual39 qual4 qual40 qual41 qual42 qual43 qual44 qual45 qual46 qual47 qual48 qual49 qual5 qual50 qual51 qual52 qual53 qual54 qual55 qual56 qual57 qual58 qual59 qual6 qual60 qual61 qual62 qual63 qual64 qual65 qual66 qual67 qual68 qual69 qual7 qual8 qual9 qual96 .
IF ANY (X,1) HQUAL26D = -1 .
IF (ANY (X,0,21,29,37,96) AND HQUAL26D < 0) HQUAL26D = 0 .
IF (ANY (X,3,4,6,7,9,10,14,15,17,18,31,38,42,60,61) AND HQUAL26D < 1)
HQUAL26D = 1 .
IF (ANY (X,2,5,8,13,16,30,32,39,40,41,43,44,45,46,47,50,51,52,53,54) AND
HQUAL26D < 2) HQUAL26D = 2 .
IF (ANY (X,11,12,19,20,33,48,55,57,59) AND HQUAL26D < 3) HQUAL26D = 3 .
IF (ANY (X,22,27,28,49,56,58,62,63,64) AND HQUAL26D < 4) HQUAL26D = 4 .
IF (ANY (X,23,24,25,26,35,36) AND HQUAL26D < 5) HQUAL26D = 5 .
END REPEAT .

RECODE HQUAL26D (0=-3) (-1=0)  .

VARIABLE LABELS HQUAL26D 'Highest Qualification at 26'.
VALUE LABELS HQUAL26D 0'No Qualification'
1'CSE 2-5/nvq1'
2'O Level/nvq2'
3'A Level/nvq3'
4'Higher Qual/nvq4'
5'Degree/nvq5 +'
-3'Quals but d/k level'.

MISSING VALUES HQUAL26D (-2,-3).
EXECUTE.

FREQUENCIES VARIABLES=hqual26D  .

** PERCENTAGE COHORT MEMBERS WITH EACH INDIVIDUAL QUALIFICATION.
** FOR THE CLOSED QUALIFICATION VARIABLES RECODE SYSTEM MISSING TO -4 TO GET
** % WHO HAVE EACH LEVEL OF QUALIFICATION.

RECODE
b960146 b960147 b960150 b960153 b960156 b960159 b960162 b960165 b960168
b960171 b960174 b960212 b960215 b960218 b960219 b960220 b960221 (SYSMIS=4) into rb960146 rb960147 rb960150 rb960153 rb960156
rb960159 rb960162 rb960165 rb960168 rb960171 rb960174 rb960177 rb960212
rb960215 rb960218 rb960219 rb960220 rb960221.

** CERTAIN CLOSED AND OPEN-ENDED VARIABLES NEED TO BE COMBINED AS SOME COHORT
MEMBERS MENTIONED QUALIFICATIONS INCLUDED ON THE CLOSED QUESTION LIST UNDER

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EITHER THE OPEN-ENDED 'OTHER ACADEMIC' OR 'VOCATIONAL' QUALIFICATIONS.

** VARIABLES GIVEN SAME NAMES AS RECODED OPEN-ENDED VARIABLES WITH 'A'
EXTENSION.

** CSE GRADE 1 QUALIFICATIONS.

COMPUTE QUAL2A = 0.
IF (rB960147 = 2 | QUAL2 = 2) QUAL2A = 2.

** CSE GRADE 2 THRU 5 QUALIFICATIONS.

COMPUTE QUAL3A = 0.
IF (rB960150 = 3 | QUAL3 = 3) QUAL3A = 3.

** O'LEVEL GRADE A THRU C QUALIFICATIONS.

COMPUTE QUAL5A = 0.
IF (rB960153 = 5 | QUAL5 = 5) QUAL5A = 5.

** O'LEVEL GRADE D THRU E QUALIFICATIONS.

COMPUTE QUAL6A = 0.
IF (rB960156 = 6 | QUAL6 = 6) QUAL6A = 6.

** GCSE GRADE A THRU C QUALIFICATIONS.

COMPUTE QUAL8A = 0.
IF (rB960159 = 8 | QUAL8 = 8) QUAL8A = 8.

** GCSE GRADE D THRU E QUALIFICATIONS.

COMPUTE QUAL9A = 0.
IF (rB960162 = 9 | QUAL9 = 9) QUAL9A = 9.

** ALEVEL QUALIFICATIONS.

COMPUTE QUAL11A = 0.
IF (rB960165 = 11 | QUAL11 = 11) QUAL11A = 11.

** SCOTTISH O'GRADE A THRU C QUALIFICATIONS.

COMPUTE QUAL13A = 0.
IF (rB960168 = 13 | QUAL13 = 13) QUAL13A = 13.

** SCOTTISH O'GRADE D THRU E QUALIFICATIONS.

COMPUTE QUAL14A = 0.
IF (rB960171 = 14 | QUAL14 = 14) QUAL14A = 14.

** SCOTTISH STANDARD GRADE 1 THRU 3 QUALIFICATIONS.

COMPUTE QUAL16A = 0.
IF (rB960174 = 16 | QUAL16 = 16) QUAL16A = 16.

** SCOTTISH STANDARD GRADE 4 THRU 5 QUALIFICATIONS.

COMPUTE QUAL17A = 0.
IF (rB960177 = 17 | QUAL17 = 17) QUAL17A = 17.

** SCOTTISH HIGHER GRADE QUALIFICATIONS.

COMPUTE QUAL19A = 0.
IF (rB960212 = 19 | QUAL19 = 19) QUAL19A = 19.
**Scottish Certificate of 6th Year Studies.**

COMPUTE QUAL20A = 0.
IF (rB960215 = 20 | QUAL20 = 20) QUAL20A = 20.

**HE Diploma Qualifications.**

COMPUTE QUAL22A = 0.
IF (rB960218 = 22 | QUAL22 = 22) QUAL22A = 22.

**First Degree Qualification.**

COMPUTE QUAL23A = 0.
IF (rB960219 = 23 | QUAL23 = 23) QUAL23A = 23.

**PGCE Qualification.**

COMPUTE QUAL24A = 0.
IF (rB960220 = 24 | QUAL24 = 24) QUAL24A = 24.

**Postgraduate Qualification.**

COMPUTE QUAL26A = 0.
IF (rB960221 = 26 | QUAL26 = 26) QUAL26A = 26.

EXECUTE.

VARIABLE LABELS qual2a 'CSE grade 1'.
VARIABLE LABELS qual3a 'CSE grade 2 to 5'.
VARIABLE LABELS qual5a 'O Level grade A to C'.
VARIABLE LABELS qual6a 'O Level grade D to E'.
VARIABLE LABELS qual8a 'GCSE grade A to C'.
VARIABLE LABELS qual9a 'GCSE grade D to E'.
VARIABLE LABELS qual11a 'A Level pass'.
VARIABLE LABELS qual13a 'Scottish O Grade A to C'.
VARIABLE LABELS qual14a 'Scottish O Grade D to E'.
VARIABLE LABELS qual16a 'Scottish Standard Grade 1 to 3'.
VARIABLE LABELS qual17a 'Scottish Standard Grade 4 to 5'.
VARIABLE LABELS qual19a 'Scottish Higher Grade'.
VARIABLE LABELS qual20a 'Scottish Certificate 6th Form Studies'.
VARIABLE LABELS qual22a 'Higher Education Diploma'.
VARIABLE LABELS qual23a '1st Degree'.
VARIABLE LABELS qual24a 'Teaching Qualification'.
VARIABLE LABELS qual26a 'Post Grad qual: Masters PhD'.

**List of all variables for total percent of cohort members with a specific qualification are b960146 qual1 qual2a qual3a qual4 qual5a qual6a qual7 qual8a qual9a qual10 qual11a qual12 qual13a qual14a qual15a qual16a qual17a qual18 qual19a qual20a qual21 qual22a qual23a qual24a qual25 qual26a qual27 qual28 qual29 qual30 qual31 qual32 qual33 qual34 qual35 qual36 qual37 qual38 qual39 qual40 qual41 qual42 qual43 qual44 qual45 qual46 qual47 qual48 qual49 qual50 qual51 qual52 qual53 qual54 qual55 qual56 qual57 qual58 qual59 qual60 qual61 qual62 qual63 qual64 qual65 qual66 qual67 qual68 qual69 qual70 qual71 qual72 qual73 qual74 qual75 qual76 qual77 qual78 qual79 qual80 qual81 qual82 qual83 qual84 qual85 qual86 qual87 qual88 qual89 qual90 qual91 qual92 qual93 qual94 qual95 qual96.

**How many of each qualification do cohort members have?**

**Higher academic qualification variables need to be recoded from the original variable as 'how many' was not asked.**

RECODE rb960218 (0=Copy) (22=1) (ELSE=Copy) INTO hedc
/rb960219 (0=Copy) (23=1) (ELSE=Copy) INTO degreec
/rb960220 (0=Copy) (24=1) (ELSE=Copy) INTO pgcec
/rb960221 (0=Copy) (26=1) (ELSE=Copy) INTO postgrdc.

EXECUTE.

MISSING VALUES HEDC DEGREEC PGCEC POSTGRDC (-3, -4).
VARIABLE LABELS HEDC 'Higher Education Diploma'.
VARIABLE LABELS DEGREEC '1st Degree'.
VARIABLE LABELS PGCEC 'Teaching Qualification'.
VARIABLE LABELS POSTGRDC 'Post Grad qual: Masters PhD'.

** FOR CLOSED ACADEMIC QUALIFICATION QUESTIONS VARIABLES ARE: b960146 b960148
b960151 b960154 b960157 b960160 b960163 b960166 b960169 b960172 b960175
b960178 b960213 b960216 hedc degreec pgcecc postgrdc.

** FOR OPEN-ENDED OTHER ACADEMIC OR VOCATIONAL QUALIFICATIONS VARIABLES ARE:
access alevel cg_af2_3 cg_ciol cg_ftc cg_iat cg_op cg_other_c cg_un csel
cse2_5 cse_un ct_code degree dip_un dontknow found gcse_ac gcse_de gcse_un
hed hnc_shnc irrel_r jib_ctc jib_un no_ans no_qual nurse nvq_1 nvq_2 nvq_3
nvq_4 nvq_5 nvq_6 nvq_un ol_ac ol_de ol_un onc_snc opgc ot_found ot_hgv
other_ac other_s other_un pgce pit_1 pit_2 pit_3 pit_un postgrad pro_full
pro_part rsa_1 rsa_2 rsa_3 rsa_un sc_6th shg slevel soc_un sog_ac sog_de
ssgl_3 ssgr_5 ssq-un tec gc tec_hc tec-un.

** CERTAIN VARIABLES NEED TO BE COMBINED AS SOME COHORT MEMBERS MENTIONED
QUALIFICATIONS INCLUDED ON THE CLOSED QUESTION LIST UNDER EITHER THE
OPEN-ENDED 'OTHER ACADEMIC' OR 'VOCATIONAL' QUALIFICATIONS.

** VARIABLES GIVEN SAME NAMES AS RECODED OPEN-ENDED VARIABLES WITH 'B'
EXTENSION.

COMPUTE CSE1B = CSE1 + B960148.
COMPUTE CSE2_5B = CSE2_5 + B960151.
COMPUTE OL_ACB = OL_AC + B960154.
COMPUTE OL_DEB = OL_DE + B960157.
COMPUTE GCSE_ACB = GCSE_AC + B960160.
COMPUTE GCSE_DEB = GCSE_DE + B960163.
COMPUTE ALEVELB = ALEVEL + B960166.
COMPUTE SOG_ACB = SOG_AC + B960169.
COMPUTE SOG_DEB = SOG_DE + B960172.
COMPUTE SSG1_3B = SSG1_3 + B960175.
COMPUTE SSG4_5B = SSG4_5 + B960178.
COMPUTE SHGB = SHG + B960213.
COMPUTE SC_6THB = SC_6TH + B960216.
COMPUTE HEDB = HED + HEDC.
COMPUTE DEGREEB = DEGREE + DEGREEC.
COMPUTE PGCEB = PGCE + PGCEC.
COMPUTE POSTGRDB = POSTGRAD + POSTGRDC.
EXECUTE.

VARIABLE LABELS CSE1B 'CSE grade 1'.
VARIABLE LABELS CSE2_5B 'CSE grade 2 to 5'.
VARIABLE LABELS OL_ACB 'O Level grade A to C'.
VARIABLE LABELS OL_DEB 'O Level grade D to E'.
VARIABLE LABELS GCSE_ACB 'GCSE grade A to C'.
VARIABLE LABELS GCSE_DEB 'GCSE grade D to E'.
VARIABLE LABELS ALEVELB 'A Level pass'.
VARIABLE LABELS SOG_ACB 'Scottish O Grade A to C'.
VARIABLE LABELS SOG_DEB 'Scottish O Grade D to E'.
VARIABLE LABELS SSG1_3B 'Scottish Standard Grade 1 to 3'.
VARIABLE LABELS SSG4_5B 'Scottish Standard Grade 4 to 5'.
VARIABLE LABELS SHGB 'Scottish Higher Grade'.
VARIABLE LABELS SC_6THB 'Scottish Certificate 6th Form Studies'.
VARIABLE LABELS HEDB 'Higher Education Diploma'.
VARIABLE LABELS DEGREEB '1st Degree'.
VARIABLE LABELS PGCEB 'Teaching Qualification'.
VARIABLE LABELS POSTGRDB 'Post Grad qual: Masters PhD'.

** LIST OF ALL VARIABLES SHOWING HOW MANY OF EACH QUALIFICATION COHORT MEMBERS HAVE.

FREQUENCIES VARIABLES=rb960146 no_qual cse1b cse2_5b ol_acb ol_deb gcse_acb
** CLEANING OF QUALIFICATION VARIABLES.**

*TEMPORARY.*

**SUMMARIZE TABLES=serial hqual26d hedeb degreeb pgceb postgrdb**

/FORMAT=VALIDLIST CASENUM TOTAL

/TITLE='Case Summaries'

/MISSING=VARIABLE

/CELLS=COUNT .

** 17 cases have possibly funny higher education qualifications: ie 1 cohort member has five undergraduate degrees!.

** the relevant cases are in quals96.spo: as are frequencies for the highest qualification at age 26.

** OTHER DERIVED VARIABLES.

** AGE LEAVING SCHOOL.

FREQUENCIES VARIABLES=b960129 .

COMPUTE school26 = -1 .

IF (b960129 < 16) school26 = 1.

IF (b960129 = 16) school26 = 2.

IF (b960129 = 17 | b960129 = 18) school26 = 3.

IF (b960129 > 18) school26 = 4.

VARIABLE LABELS SCHOOL26 'Age left school'.

VALUE LABELS SCHOOL26 1'Under 16'

2'At 16'

3'Post 16'

4'Post 18'.

MISSING VALUES SCHOOL26 (-1).

EXECUTE .

FREQUENCIES VARIABLES=SCHOOL26 .

** AGE LEAVING FULL-TIME EDUCATION.

** IN MAKING THIS VARIABLE I HAVE ASSUMED THAT THE HIGHER AGE OF EITHER LEAVING SCHOOL - b960129 - OR LEAVING F/T EDUCATION - b960131 or b960132 - IS THE ACTUAL AGE WHEN EDUCATION ENDED.

FREQUENCIES VARIABLES=b960131 b960132 .

COMPUTE LEFTED26 = -1 .

IF (B960131 = 1) LEFTED26 = 1.

IF (MISSING(B960131) & (B960132 > B960129)) LEFTED26 = B960132.

IF (MISSING(B960131) & (B960132 = B960129)) LEFTED26 = B960132.

IF (MISSING(B960131) & MISSING(B960132) & B960129 >= 12) LEFTED26 = B960129.

IF (MISSING(B960131) & MISSING(B960132) & B960132 >= 12) LEFTED26 = B960132.

IF (MISSING(B960131) & B960132 = 88) LEFTED26 = B960129.

IF (MISSING(B960131) & (B960129 > B960132)) LEFTED26 = B960129.

MISSING VALUES LEFTED26 (-1).
VARIABLE LABELS LEFTED26 'AGE LEFT FULL-TIME EDUCATION'.

FREQUENCIES VARIABLES=lefted26.

** 110 CASES DID NOT GIVE EITHER AGE LEFT SCHOOL OR AGE LEFT F/T EDUCATION.

RECODE lefted26 (1=6)(16=2)(-2=Copy)(SYSMIS=Copy)(12 thru 15=1)(17 thru 18=3)
(19 thru 21=4)(21 thru 26=5) INTO leftedg.

VARIABLE LABELS leftedg 'Age left Full-time Education'.
VALUE LABELS LEFTEDG 1'Under 16'
2'At 16'
3'Post 16'
4'Post 18'
5'Post 21'
6'Still in Ed'
-1'No Information'.

MISSING VALUES LEFTEDG (-1).

VARIABLE LABELS LEFTED26 'AGE LEFT FULL-TIME EDUCATION'.

EXECUTE.

FREQUENCIES VARIABLES=LEFTEDG.

** TRAINING & QUALIFICATION COURSES SINCE LEAVING FULL-TIME EDUCATION.

FREQUENCIES VARIABLES b960134 b960135 b960137 b960138 b960140 b960141
b960143 b960144.

RECODE b960134 b960135 b960137 b960138 b960140 b960141 b960143 b960144
(88,89,99=sysmis).

** COURSES LEADING TO QUALIFICATIONS

COMPUTE MANYCLQ = -2.
IF (SYSMIS(B960134)) MANYCLQ = 0.
IF (B960134 = 1 & B960135 = 1) MANYCLQ = 1.
IF (B960134 = 1 & B960135 = 2) MANYCLQ = 2.
IF (B960134 = 1 & B960135 = 3) MANYCLQ = 3.
IF (B960134 = 1 & B960135 >= 4) MANYCLQ = 4.
IF (B960134 = 1 & SYSMIS(B960135)) MANYCLQ = -1.

VARIABLE LABELS MANYCLQ 'How many qualification courses?'.
VALUE LABELS MANYCLQ 0'NONE'
1'ONE'
2'TWO'
3'THREE'
4'FOUR + 4-20'
-1'CLQ, BUT DK HOW MANY'.

MISSING VALUES MANYCLQ (-1,-2).
EXECUTE.

FREQUENCIES VARIABLES=MANYCLQ.

** YTS COURSES

COMPUTE MANYYTS = -2.
IF (SYSMIS(B960137)) MANYYTS = 0.
IF (B960137 = 1 & B960138 = 1) MANYYTS = 1.
IF (B960137 = 1 & B960138 >= 2) MANYYTS = 2.
IF (B960137 = 1 & SYSMIS(B960138)) MANYYTS = -1.
VARIABLE LABELS MANYYTS 'How many YTS courses?' .
VALUE LABELS MANYYTS 0 'NONE'
   1 'ONE'
   2 'TWO +'
   -1 'YTS, BUT DK HOW MANY'.
MISSING VALUES MANYYTS (-1,-2).
EXECUTE .

FREQUENCIES VARIABLES=MANYYTS .

** OTHER GOVERNMENT SCHEMES .

COMPUTE MANYGOV = -2 .
IF (SYSMIS(B960140)) MANYGOV = 0 .
IF (B960140 = 1 & B960141 = 1) MANYGOV = 1 .
IF (B960140 = 1 & B960141 = 2) MANYGOV = 2 .
IF (B960140 = 1 & B960141 >= 3) MANYGOV = 3 .
IF (B960140 = 1 & SYSMIS(B960141)) MANYGOV = -1 .

VARIABLE LABELS MANYGOV 'How many Other Gov schemes?' .
VALUE LABELS MANYGOV 0 'NONE'
   1 'ONE'
   2 'TWO'
   3 'THREE +'
   -1 'GOV, BUT DK HOW MANY'.
MISSING VALUES MANYGOV (-1,-2).
EXECUTE .

FREQUENCIES VARIABLES=MANYGOV .

** WORK RELATED TRAINING .

COMPUTE MANYWRT = -2 .
IF (SYSMIS(B960143)) MANYWRT = 0 .
IF (B960143 = 1 & B960144 = 1) MANYWRT = 1 .
IF (B960143 = 1 & B960144 = 2) MANYWRT = 2 .
IF (B960143 = 1 & B960144 = 3) MANYWRT = 3 .
IF (B960143 = 1 & B960144 >= 4) MANYWRT = 4 .
IF (B960143 = 1 & SYSMIS(B960144)) MANYWRT = -1 .

VARIABLE LABELS MANYWRT 'How many WRT courses ?'.
VALUE LABELS MANYWRT 0 'NONE'
   1 'ONE'
   2 'TWO'
   3 'THREE'
   4 'FOUR +'
   -1 'WRT,BUT DK HOW MANY'.
MISSING VALUES MANYWRT (-1,-2).
EXECUTE.

FREQUENCIES VARIABLES=MANYWRT .

** RECODING THESE VARIABLES TO GIVE % OF COHORT WHO HAD EVER TAKEN A PARTICULAR COURSE.

RECODE manyclq manywrt manyyts
(0=0)(1 thru Highest=1)(-1=1)(-2=-1) INTO yn_clq  yn_wrt  yn_yts.
EXECUTE .

MISSING VALUES yn_clq (-1).
MISSING VALUES yn_wrt (-1).
MISSING VALUES yn_yts (-1).

VARIABLES LABELS YN_CLQ 'Any course leading to a qualification?'.
VARIABLES LABELS YN_WRT 'Any work-related training?'.
VARIABLES LABELS YN_YTS 'Any youth training scheme?'.

FREQUENCIES VARIABLES=yn_clq yn_wrt yn_yts .
LABOUR MARKET

NB: The SPSS code is reproduced as supplied by the author(s). No independent check has been conducted.

RECODE empstat (11=SYSMIS) INTO empstatc.
compute everhome =0.
IF (b960249 = 1) everhome = 1.
IF (b960250 > 0) everhome = 1.
if (empstatc = 9) everhome = 1.
IF (b960249 = 8) everhome = -999.

compute everill =0.
if (empstat = 7 or empstat = 8) everill = 1.
IF (b960252 = 1 or b960253 > 0) everill = 1.
IF (b960252 = 8)everill = -999.

compute everolf =0.  if (empstat = 10 or empstat = 11) everolf = 1.  IF (b960255 = 1 or b960256 > 0) everolf = 1.
IF (b960255 = 8) everolf = -999.

compute neverft =0.
IF (b960240 = 1 and sysmis(b960241)) neverft = 1.  if (empstat = 1 or empstat = 3) neverft = 0.
IF (b960240 = 1 and ~missing(b960241)) neverft = -999.
IF (b960240 = 8 or b960241 = 88 or b960241 = 99) neverft = -999.

compute neverpt =0.
IF (b960243 = 1 and sysmis(b960244)) neverpt = 1.  if (empstat = 2 or empstat = 4) neverpt = 0.
IF (b960243 = 1 and ~missing(b960244)) neverpt = -999.
IF (b960243 = 8 or b960244 = 88 or b960244=99) neverpt = -999.

compute neveremp =0.
IF (neverft = 1 and neverpt = 1) neveremp = 1.
IF (neverft = -999 or neverpt = -999) neveremp = -999 .

compute service = 96-b960270.  if (b960270<86 or b960270>96) service = -999.

Missing values neverft neverpt neveremp everhome everill everolf

missing values neverft neverpt neveremp everhome everill everolf

service everun2 (-999).

compute neveremp =0.
IF (neverft = 1 and neverpt = 1) neveremp = 1 .
IF (neverft = -999 or neverpt = -999) neveremp = -999.
compute hourswk=-999.
if (b960277<88) hourswk=b960277.
missing values hourswk (-999).

*** COMMENT: THE NEXT FOUR LINES CORRECT FOR UNREALISTICALLY HIGH NUMBER OF
HOURS. EXCEPTIONS ARE ALLOWED FOR DOCTORS, INN-KEEPERS, HOTEL PORTERS, FOR
WHOM THE FREQUENCY OF HIGH NUMBER OF HOURS IS RELATIVELY HIGH. ETC. ****
compute hourswkc=-999.
if (b960277<73) hourswkc=b960277.
if (soc=220 or soc=175 or soc=600 or soc=872) hourswkc=hourswk. missing values hourswkc
(-999).
compute hrlypay=-999.
if (b960318=1) hrlypay=B960312.
if (b960318=2) and (hourswkc>7) hrlypay=B960312/7. if (b960318=2) and (hourswkc<=7)
hrlypay=B960312/hourswkc. if (b960318=3) hrlypay=B960312/(4.33*hourswkc). if (b960318=4)
hrlypay=B960312/(52*hourswkc). missing values hrlypay (-999).

*** COMMENT: THE NEXT FOUR LINES CORRECT FOR UNREALISTICALLY LOW AND HIGH
EARNINGS. ****
compute hrlypayc=hrlypay.
if (hrlypay<1) hrlypayc=-999.
if (hrlypay>100) hrlypayc=-999.
missing values hrlypayc (-999).

*** COMMENT: THE NEXT LINES CORRECT FOR UNREALISTICALLY HIGH EARNINGS OF SOME
INDIVIDUALS IN RELATIVELY LOW PAID OCCUPATIONS. ****
compute hpaycor = hrlypayc.
IF (hrlypayc > 25 and seg91 > 60) hpaycor = -999. if (seg91 = 13) hpaycor = hrlypayc.
IF (serial =’02706048’) hpaycor=-999.
IF (serial =’03821080’) hpaycor=-999.
IF (serial =’03921057’) hpaycor=-999.
IF (serial =’04384055’) hpaycor=-999.
IF (serial =’08106054’) hpaycor=-999.
IF (serial =’09536070’) hpaycor=-999.
IF (serial =’10883032’) hpaycor=-999.
IF (serial =’10905050’) hpaycor=-999.
IF (serial =’10907000’) hpaycor=-999.
IF (serial =’11173094’) hpaycor=-999.
IF (serial =’11829004’) hpaycor=-999.
IF (serial =’12326071’) hpaycor=-999.
IF (serial =’14428055’) hpaycor=-999.
IF (serial =’15693045’) hpaycor=-999.
IF (serial =’16003148’) hpaycor=-999.
IF (serial =’16571043’) hpaycor=-999.
IF (serial = '17235086') hpaycor=-999.
IF (serial = '17490021') hpaycor=-999.
IF (serial = '03921057') hpaycor=-999.
IF (serial = '04074047') hpaycor=-999.
IF (serial = '07131028') hpaycor=-999.
IF (serial = '12069070') hpaycor=-999.
IF (serial = '14725061') hpaycor=-999.  missing values hpaycor (-999).
*** COMMENT: THE NEXT FOUR LINES CORRECT FOR UNREALISTICALLY LOW AND HIGH EARNINGS. ****
compute wklypayc=-999.
if (b960318=1) wklypayc=b960312*hourswkc.
if (b960318=2) wklypayc=hrlypayc*hourswkc.
if (b960318=3) wklypayc=b960312.
if (b960318=4) wklypayc=b960312/4.33.
if (b960318=5) wklypayc=b960312/52.
if (wklypayc>1000) wklypayc=-999.
missing values wklypayc (-999).
***************************************************************.
var labels
EMPSTATC  "Employment status recoded"
EVERHOME  "Ever period looking after home, etc"
EVERILL   "Ever period unable to work as ill"
EVEROLF   "Ever out of the labour force for other reason"
NEVERFT   "Never had a full-time job"
NEVERPT   "Never had a part-time job"
NEVEREMP  "Never unemployed"
EVERUN2   "Ever unemployed"
EVERUNEM  "Ever unemployed"
SERVICE   "Years in current job"
HOURSWK   "Usual weekly hours"
HOURSWKC  "Corrected weekly hours"
HOURSWG   "Corrected weekly hours, grouped"
HRLYPAY   "Hourly pay"
HRLYPAYC  "Corrected hourly pay"
HPAYCOR   "Further corrected hourly pay"
WKLYPAY   "Weekly pay"
WKLYPAYC  "Corrected weekly pay"
value labels
hourswg
1 “30 or less hours/week”
2 “31-40 hours/week”
3 “41-50 hours/week”
4 “51-60 hours/week”
5 “More than 60 hours/week”
RELATIONSHIPS, MARRIAGE AND CHILDREN

NB: The SPSS code is reproduced as supplied by the author(s). No independent check has been conducted.

***************************************************************************
* computes the age of the youngest child (own,fostered,adopted or step) in the household from the household grid
***************************************************************************

compute ageych=999
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373 b960378 b960415/
y=b960341 b960346 b960351 b960356 b960361 b960366 b960371 b960376 b960413
if (x=3) or (x=4) or (x=5) or (x=6) and (y lt ageych) ageych=y
end repeat
execute
recode ageych (lo thru 2=1) (3,4=2) (5 thru 10=3) (11 thru 15=4) (16 thru 998=5)
print formats ageych (f3.0)
missing values ageych (999)
var labs ageych 'age of youngest child in household'
value labels ageych 1 '< 2 yrs'
2 '3-4 yrs'
3 '5-10 yrs'
4 '11-15 yrs'
5 '16 + yrs'
999 'missing'
freq ageych
***************************************************************************
* computes the age of the youngest OWN child (own,fostered,adopted or step) in the household from the household grid - AGEYCH2
***************************************************************************

compute ageych2=999
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373 b960378 b960415/
y=b960341 b960346 b960351 b960356 b960361 b960366 b960371 b960376 b960413
if (x=3) and (y lt ageych2) ageych2=y
end repeat
execute
recode ageych2 (lo thru 2=1) (3,4=2) (5 thru 10=3) (11 thru 15=4) (16 thru 998=5)
print formats ageych2 (f3.0)
missing values ageych2 (999)
var labs ageych2 'age of youngest OWN child in household'
value labels ageych2 1 '< 2 yrs'
2 '3-4 yrs'
3 '5-10 yrs'
4 '11-15 yrs'
5 '16 + yrs'
999 'missing'
freq ageych2
***************************************************************************
* This code creates a variable DEPCHILD which calculates the number of dependent children (own/adopted/fostered/step) under 16 yrs of age present in the household - ADAPTATION OF SUE MACRANS CODE FOR NCDS5

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compute depchild=0
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373 b960378 b960415/
y=b960341 b960346 b960351 b960356 b960361 b960366 b960371 b960376 b960413
if (x ge 3 and x le 6) and (y le 16) depchild=depchild+1
end repeat
do if (depchild=0)
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373
     b960378 b960415/
if (x lt 3) or (x gt 6) or (b960338=25 or b960338=26) depchild=99
end repeat
doi
execute
recode depchild (0=99) (99=0)
missing values depchild (99)
format depchild(f1).
var labs depchild 'total number of dependent children in household'
val labs depchild 0 'none' 99 'missing'
freq depchild
*********************************************************************************
* computes the age of the eldest child (own,fostered,adopted or step) in the household from the household grid
*********************************************************************************
compute eldest=-1
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373
     b960378 b960415/
y=b960341 b960346 b960351 b960356 b960361 b960366 b960371 b960376 b960413
if (x=3 or x=4 or x=5 or x=6) and (y gt eldest) eldest=y
end repeat
execute
recode eldest (0 thru 2=1) (3,4=2) (5 thru 10=3) (11 thru 15=4)
     (16 thru 98=5)
print formats eldest (f3.0)
missing values eldest (-1)
var labs eldest 'age of eldest child in household'
value labels eldest 1 '< 2 yrs'
     2 '3-4 yrs'
     3 '5-10 yrs'
     4 '11-15 yrs'
     5 '16 + yrs'
     -1 'missing'
freq var eldest
*********************************************************************************
* computes the age of the eldest OWN child in the household from the household grid
*********************************************************************************
compute eldest2=-1
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373
```plaintext
if (x=3) and (y gt eldest2) eldest2=y
end repeat
execute

format eldest2 (f2).

freq var eldest2.
recode eldest2 (0 thru 2=1) (3,4=2) (5 thru 10=3) (11 thru 15=4)
(16 thru 98=5)
missing values eldest2 (-1)
format eldest2 (f2).

var labs eldest2 'age of eldest OWN child in household'
value labels eldest2 1 '< 2 yrs'
  2 '3-4 yrs'
  3 '5-10 yrs'
  4 '11-15 yrs'
  5 '16 + yrs'
  -1 'missing'

freq eldest2

* Code to create variable for whether has any natural kids

compute haschild=-1
if (b960333 ge 1 and b960333 lt 8) haschild=1
if (b960334=1) haschild=2
if (b960333=8) haschild=8

var labs haschild 'R has natural child'
val labs haschild 1 'has children' 2 'no children' 8 'invalid'

missing values haschild (-1,8).

print formats haschild (f2.0)

freq haschild

* This code creates separate variables for own,step,adopted,fostered children from hhold grid but taking missing values into account
NOTE: These codes do NOT pick out dependent children only

count cm=b960338 (25,26)

* OWN CHILD

compute ownkid=0
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373
  b960378 b960415/
  if (x=3) ownkid=ownkid+1
end repeat
end if
execute
```

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recode ownkid (0=99) (99=0)
missing values ownkid (99)
format ownkid (f1).
var labs ownkid 'total number of own children in household'
val labs ownkid 0 'none' 99 'missing'
freq ownkid

* ADOPTED CHILD
compute adopkid=0
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373
   b960378 b960415/
   if (x=4) adopkid=adopkid+1
end repeat
do if (adopkid=0)
   do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373
      b960378 b960415/
      if (x lt 4) or (x ge 5) or (cm=1) adopkid=99
end repeat
end if
execute
recode adopkid (0=99) (99=0)
missing values adopkid (99)
format adopkid (f1).
var labs adopkid 'total number of adopted children in household'
val labs adopkid 0 'none' 99 'missing'
freq adopkid

* FOSTERED CHILD
compute fostkid=0
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373
   b960378 b960415/
   if (x=5) fostkid=fostkid+1
end repeat
do if (fostkid=0)
   do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373
      b960378 b960415/
      if (x lt 5) or (x ge 6) or (cm=1) fostkid=99
end repeat
end if
execute
recode fostkid (0=99) (99=0)
missing values fostkid (99)
format fostkid (f1).
var labs fostkid 'total number of fostered children in household'
val labs fostkid 0 'none' 99 'missing'
freq fostkid

* STEP CHILD
compute stepkid=0
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373
b960378 b960415/
if (x=6) stepkid=stepkid+1
end repeat
do if (stepkid=0)
do repeat x=b960343 b960348 b960353 b960358 b960363 b960368 b960373
      b960378 b960415/
if (x lt 6) or (x ge 7) or (cm=1) stepkid=99
end repeat
end if
execute
recode stepkid (0=99) (99=0)
missing values stepkid (99)
format stepkid (f1).
var labs stepkid 'total number of step children in household'
val labs stepkid 0 'none' 99 'missing'
freq stepkid
********************************************************************
*This code creates different marital and partnership statuses of the
cohort members
********************************************************************
compute marstpar=0
if (b960322 eq 1) marstpar=1
if (b960322 eq 1 and b960321 eq 2) marstpar=2
if (b960322 eq 2) marstpar=3
if (b960322 eq 2 and b960321 eq 1) marstpar=4
if (b960322 eq 3) marstpar=5
if (b960322 eq 3 and (b960321 eq 1 or b960321=2) marstpar=6
if (b960322 eq 4) marstpar=7
if (b960322 eq 4 and (b960321 eq 1 or b960321=2) marstpar=8
if (b960322 eq 5) marstpar=9
if (b960322 eq 5 and b960321 eq 2) marstpar=10
if (b960322 eq 6) marstpar=11
if (b960322 eq 6 and b960321 eq 2) marstpar=12
print formats marstpar (f1.0)
variable labels marstpar 'legal and partner status'
value labels marstpar 1 'single no par'
  2 'single with par'
  3 '1marr no par'
  4 '1marr with par'
  5 '2marr no par'
  6 '2marr with par'
  7 'sep no par'
  8 'sep with par'
  9 'div no par'
 10 'div with par'
 11 'wid no par'
 12 'wid with par'.
missing values marstpar (0)
freq marstpar
*************************************************************
* Number of natural born children
*************************************************************
compute numkids=-1
if (haschild=2) numkids=0
if (b960333=1) numkids=1
if (b960333=2) numkids=2
if (b960333=3) numkids=3
if (b960333 ge 4 and b960333 lt 8) numkids=4

var labs numkids 'No of natural children'
val labs numkids 0 'none' 1 'one' 2 'two' 3 'three' 4 'four +'

missing values numkids (-1)

print formats numkids (f2.0)

freq numkids
HEALTH AND HEALTH-RELATED BEHAVIOUR

NB: The SPSS code is reproduced as supplied by the author(s). No independent check has been conducted.

get file='b116.sys'.

* Back code health questions,
so that if recent problem, also since 16.

do rep x=b960446
   b960447
   b960448
   b960449
   b960450
   b960451
   b960452
   b960453
   b960454
   b960455
   b960456
   b960457
   b960458
   b960459
   b960460
   b960461
   b960462
   b960463
   b960464
   /y=
   b960512
   b960513
   b960514
   b960515
   b960516
   b960517
   b960518
   b960519
   b960520
   b960521
   b960522
   b960523
   b960524
   b960525
   b960526
   b960527
   b960528
   b960529
   b960530.
   if (y eq 1) x=1.
end rep.

* set missing values to o for yes only resps.
do rep x=b960446
   b960447
   b960448
   b960449
   b960450
   b960451
   b960452
   b960453
   b960454
   b960455
   b960456
   b960457
   b960458
   b960459
   b960460
   b960461
   b960462
   b960463
   b960464

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b960462
b960463
b960464.
if (mis(x)) x=0.
end rep.

* number of accidents and where had them variables.
comp ahome=0.
comp awork=0.
comp aelse=0.
comp aroad=0.
comp asport=0.
do rep x= b960542 b960548 b960554 b960560.
  if (x eq 1) ahome=ahome+1.
  if (x eq 2) awork=awork+1.
  if (x eq 3) aelse=aelse+1.
  if (x eq 4) aroad=aroad+1.
  if (x eq 5) asport=asport+1.
end rep.

* Malaise inventory.
comp mismal=0.
comp mal=0.
do rep x=b960637 to b960660.
  if ( x eq 1) mal=mal+1.
  if (not(any(x,1,2))) mismal=mismal+1.
end rep.
if ((mismal gt 3) and (mal lt 8)) mal =-1.
recod mal (-1=-1) (1 thru 7=0) (8 thru hi=1) into mal26.
mis val mal26 (-1).
VIEWS, VOTING AND VALUES

NB: The SPSS code is reproduced as supplied by the author(s). No independent check has been conducted.

missing values b960120 to b960128 b960424 to b960431 (8,-1,-2).

factor /variables=b960120 to b960128 b960424 to b960431
/missing listwise
/analysis b960120 to b960128 b960424 to b960431
/print correlation univariate initial extraction rotation
/criteria mineigen(1) iterate(25)
/extraction pc
/rotation varimax
/rotation oblimin.

compute laword=0.
calculate polcyn=0.
calculate equality=0.
calculate marital=0.
calculate work=0.
recode b960120 b960121 b960123 b960124 b960127 b960424 b960425 b960428 b960430 (5=1)(4=2)(3=3)(2=4)(1=5).
calculate laword=(b960120+b960123+b960425+b960428)/4.
calculate polcyn=(b960125+b960424+b960427)/3.
calculate equality=(b960121+b960124+b960426+b960431)/4.
calculate marital=(b960126+b960128+b960429)/3.
calculate work=(b960122+b960127+b960430)/3.

variable labels
laword 'Support for law and order'/
polcyn 'Political cynicism'/
equality 'Support for sex equality'/
marital 'Support for traditional marital values'/
work 'Support for Protestant work ethic'.

freq var laword polcyn equality marital work
/format=condense.
Longitudinal Linkage in BCS70: Rationalising Case Identifiers

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DATA NOTE 1

Longitudinal Linkage in BCS70: Rationalising Case Identifiers

Brian Dodgeon

December 2002
Introduction

This document has been prepared to accompany a deposit, with the UK Data Archive at the University of Essex, of data from the 3 most recent follow-ups (age 16, 26 and 30) of the 1970 British Cohort Study (BCS70), which is a continuing, multidisciplinary, national, longitudinal study.

BCS70 began when data were collected about the births of families of 17,198 babies born in England, Scotland, Wales and Northern Ireland in the week 5-11 April 1970. Since the birth survey there have been five other major data collection exercises in order to monitor their health, education, social and economic circumstances. These were carried out in 1975 (age 5), 1980 (age 10), 1986 (age 16), 1996 (age 26), and 1999/2000 (age 30). Sub-samples have also been studied at various ages: for example at age 21, a 10 per cent representative sample was assessed for basic skills difficulties.

From its original focus on the circumstances and outcomes of birth, BCS70 has broadened in scope to map all aspects of health, education and social development of their subjects as they passed through childhood and adolescence. In later sweeps, the information collected has covered their transitions into adult life, including leaving full-time education, entering the labour market, setting up independent homes, forming partnerships and becoming parents.

The latest round of data collection for BCS70 took place in 1999/2000 when cohort members were aged 29/30. The main aim of these most recent surveys was to explore the factors central to the formation and maintenance of adult identity in each of the following domains:

- Lifelong learning
- Relationships, parenting and housing
- Employment and income
- Health and health behaviour
- Citizenship and values

Cohort Studies User Support Group

This provides advice and guidance on the use of Cohort Studies data; produces documentation; collates and disseminates information on uses of the data, publications, and other developments; produces and distributes a newsletter and working papers; provides access to non-computerised Cohort Studies data; and collects additional information.
Contacting the User Support Group

The User Support Group can be contacted by post, 'phone, fax, or email as shown below:

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Acknowledgements

I am indebted to Andrew Cullis, my colleague at CLS, who began the work on rationalising the case identifiers in the early months of this year, and assembled a good deal of useful information, from which I was able to proceed after Andrew left CLS to take up a post with the Scottish Longitudinal Study.
Background to Longitudinal Linkage Problem in BCS70

The difficulty in linking the various sweeps longitudinally has arisen in the context of a dual numbering system, which was adopted for historic reasons connected with the ownership of the data. Originally the cases were referenced by Key number (which could be anything from 2 to 6 digits), but a parallel BCS70 serial number (8 digits) was introduced in later sweeps.

The essence of the problem was that between 30 and 40 cases had a BCS70 serial number but no apparent Key number, so there was no reliable way for researchers to know if they had been interviewed at earlier sweeps. There were also a small number of anomalous cases where one Key number seemed to correspond to two distinct BCS70 serial numbers, or vice versa.

An exercise was undertaken at the Centre for Longitudinal Studies during 2002 to investigate all these cases, with the aim of re-instituting Key number as the comprehensive unique identifier for longitudinal linkage. This document explains the methodology, and the appendices list the cases which have been tidied up, and the SPSS syntax used.

Identification by KEY number

The data held at the UK Data Archive for the British Cohort Study 1970 are in the form of the 6 separate main BCS70 sweeps: at ages 0, 5, 10, 16, 26 and 30 (there were also two 10% sample sweeps at ages 22 months and 36 months, whose data are amalgamated with the birth (age 0) data. Other small sample surveys have not yet been fully documented for deposit).

Longitudinal linkage of the first four sweeps has always been possible with little difficulty, because all members surveyed, without exception, have a unique 6-digit identifier in the variable KEY.

In the 16-year-old dataset, as originally deposited, the key number as such was not present, but could be derived by combining the 5-digit CHESNO variable with the 1-digit TC2 (twin code) variable. In the revised deposit of the data (Dec 2002), this process has now been done, so that a variable KEY exists at age 16.

Those members present at the original 1970 survey have KEY numbers from 10 to 206210, and include 626 children living in Northern Ireland. After this initial survey, the Northern Ireland population was excluded from all subsequent sweeps, except for the small minority who had moved to Great Britain in the meantime.

Attempts continued for sixteen years to locate and contact children born in the week 5-11 April 1970 who may have been missed by the birth survey, including those born abroad who subsequently moved to Britain. As a result, additional members were added to the survey at the 5-year-old sweep (KEY nos. 300010 to 450490), the 10-year-old sweep (KEY nos. 600020 to 703560), and the 16-year-old sweep (KEY nos. 800020 to 804890) [See Appendix 7]. This numbering system does not always exactly reflect the first appearance of a cohort member's data chronologically, as the
key number will have been allocated when the member was located, but they may not have been successfully interviewed till a later sweep.

After the 16-year-old sweep, this process of attempting to expand the population base was limited simply to going back to those already located but not successfully interviewed.

**Identification by BCS70 serial number**

In the late 1980s, a parallel identifier was introduced, by concatenating a 5-digit ‘Y’ number with the 1-digit twin code and a 2-digit ‘check digit’ to form the 8-digit **BCS70 serial number** (variable SERIAL in the 26-year dataset, BSERIAL at 30 years).

SERIAL appears for the first time as a variable in the 26-year dataset, with every case uniquely coded. KEY was also present, but 27 cases appeared with KEY=0 (see Appendix 1). Four of these were found to have had their serial numbers keyed incorrectly, of which two could then be linked to a KEY number by reference to the corresponding serial number in the 30-year-old dataset, leaving a net total of 25 (see Appendix 1).

In the 30-year-old dataset, all cases have a unique value of BSERIAL, but 35 cases appeared with KEY coded as system-missing (see Appendix 2). 14 of these were the same cases that had KEY=0 at the 26-year survey, and a further 8 could be indirectly linked to a KEY number by matching with the corresponding SERIAL number at the 26-year-old data (see Appendix 2); so the net figure of additional problematic cases at the 30-year-old sweep was 13 (i.e. 35 - 14 - 8).

Combining these 13 with the 25 problematic cases from the 26-year-old data, there were 38 cases which had no valid value for KEY.

**Matching through Address Database**

The above figure of 38 was reduced further, by reference to the internal confidential address database system held at the Centre for Longitudinal Studies, where 8 key numbers were found which had not previously been cross-referenced with a serial number in the data (see Appendix 3).

This left a hard core of 30 cases which could still not be linked to a key number (see Appendix 5).
Cleaning of 2 other spurious cases

In examining the above, two instances were identified of cases where one KEY number seemed to correspond to more than one serial number (see Appendix 4.).

In one case they turned out to be the same person, so the 26-year serial number was changed to harmonise with the 30-year serial.

In the other case, it was two different cohort members: the Key number of one had been mis-typed at the 30-year survey, so this has now been corrected (see Appendix 4).

[These two cases were not contained in the 30 remaining from the above process].

Investigation of origin of remaining 30 cases with no KEY number

An extensive search was conducted through a variety of media at CLS to determine whether the 30 outstanding cases with no match to a key number might possibly be returning members who had been interviewed at earlier sweeps, possibly under a different name.

(a) Attempt to match on name/NHS number(old and new)/phone number using confidential address database

No other members on the address database could be found whose details matched these 30 cases in any of the above respects.

However, the address database was set up in the 1980s from the records of people who were still in touch at that time: it contains a total of 16,764 records, compared with 18,733 in the combined dataset obtained by linking all data longitudinally. So there are around 2,000 members who have participated at some point, but who are not on the address database. This left open the possibility that the 30 cases may be cohort members who dropped out in the early years of the survey, but recently came back.

(b) Reference to card index systems

There are three historical card index sets housed at the CLS: one ordered by key number, and the other two ordered by surname at birth and at 16. None of the 30 cases could be found in either of the two surname-indexed card systems.

(c) Scrutiny of the paper questionnaires stored in the IoE from the 26-year survey.

An attempt was also made to find the paper questionnaires of the 23 (of the 30) cases who were known to have been interviewed at the 26-year survey, to see if there was any further information which might link them to earlier sweeps; but currently the physical storage configuration is not conducive to locating cases systematically on serial number or name, so it was not possible to find them at the present time.
(d) Consideration of the possibility they might be Northern Ireland cases.

As noted in the section ‘Identification by Key number’ 626 children were interviewed in Northern Ireland at the birth survey, but never again (unless they subsequently moved to Britain).

There was a possibility that these 30 cases might be people who subsequently moved to Britain from Northern Ireland. But scrutinising the names, this seems very unlikely, as 13 of the 30 have names indicative of ethnic minorities, which would be somewhat inconsistent with the NI demography.

Another factor is that only 21 original Northern Irishers with KEY numbers have been found to have migrated to Britain during the last thirty years (see Appendix 10), so it seems unlikely that as many as 30 others turned up around the time of the last two surveys.

Conclusion

Having exhausted all the above avenues, it was impossible to escape the conclusion that these 30 cases are simply additional cohort members, who had not been interviewed until the 26- or 30-year-old surveys.

As such, there is no possibility of longitudinal linkage to the first four main sweeps, but in this respect they are no different from the 97 other cohort members with valid Key numbers whom we didn’t succeed in contacting until 26 or later [see Appendix 7. (97 = 79 + 48 – 30)].

A policy decision was therefore taken to leave these cases in the data and to allocate new Key numbers to them. Although at present they do not yield as much longitudinal information as the vast majority of cohort members, hopefully over time they will contribute data in many more sweeps. Researchers always have the option of leaving them out of analyses if they wish.

They were given the consecutive Key numbers 900010 to 900160 (see Appendix 8).

As a result of this cleaning process, all 18,733 BCS70 members who have ever been interviewed now have unique Key numbers, and all duplication has been eliminated. We therefore recommend researchers ignore the BCS70 serial number from now on and use **Key** as the unique identifier for longitudinal linkage.

The SPSS syntax to clean the 26-year and 30-year data is listed in Appendix 8. These were the only two sweeps which needed to be altered, but for the sake of completeness, the 16-year data has also been re-deposited with the addition of a specific **Key** variable, so that researchers will no longer have to combine the 5-digit CHESNO and 1-digit TC2 variables to arrive at the 6-digit identifier.
Appendix 1

BCS70 26-year-old dataset.

26-year serial numbers (SERIAL) of those cases which had KEY coded as 0.

<table>
<thead>
<tr>
<th>SERIAL</th>
<th>SERIAL</th>
<th>SERIAL</th>
<th>SERIAL</th>
<th>SERIAL</th>
<th>SERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>00433049*</td>
<td>00617905**</td>
<td>02039000#</td>
<td>16032893##</td>
<td>21033000</td>
<td>21056000</td>
</tr>
<tr>
<td>21178000</td>
<td>21225000</td>
<td>21291000</td>
<td>21320000</td>
<td>21348000</td>
<td>21369000</td>
</tr>
<tr>
<td>21391000</td>
<td>21397000</td>
<td>21406000</td>
<td>21413000</td>
<td>21530000</td>
<td>21539000</td>
</tr>
<tr>
<td>21575000</td>
<td>21583000</td>
<td>21600000</td>
<td>21623000</td>
<td>21626000</td>
<td>21658000</td>
</tr>
<tr>
<td>21667000</td>
<td>21767000</td>
<td>21856000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

27 cases in total (there are 9 other cases which have no KEY number as such in the data, but do have the 5-digit CHESNO and 1-digit CTC code, from which KEY can be derived. These have been tidied up with a proper key number in the re-deposited data).

* this serial number was in fact mis-typed into the 26-year-old data as originally deposited. The number should have been 00933049, and has now been amended. It is matched to KEY number 129360 in the 30-year-old dataset.

** this serial number was also mis-typed: it should have been 06179057. This has now been amended.

# this serial number was mis-typed: it should have been 20339000. This has now been amended. It is matched to KEY number 102260 in the 30-year-old dataset.

## this serial number was mis-typed: it should have been 13032093. This has now been amended.
Appendix 2

BCS70 30-year-old dataset.

30-year serial numbers (BSERIAL) of those cases which had KEY coded as system-missing.

21033000  21051000  21055000  21056000  21059000  21178000
21179000  21185000  21225000  21239000  21291000  21320000
21338000  21369000  21387000  21391000  21401000  21413000
21421000  21453000  21530000  21556000  21581000  21600000
21619000  21620000  21623000  21644000  21655000  21667000
21673000  21689000  21740000  21753000  21856000

35 cases in total.

Of these 35, the following 14 serial numbers coincided with 26-year serial numbers with KEY=0 (see Appendix 1):

21033000  21056000  21178000  21225000  21291000  21320000
21369000  21391000  21413000  21530000  21600000  21623000
21667000  21856000

A further 8 cases, although having no cross-reference to KEY number in the 30-year-old dataset, corresponded with serial numbers in the 26-year-old dataset which were cross-referenced to KEY:

21051000  21179000  21185000  21239000  21620000  21655000
21673000  21689000
Appendix 3

**KEY numbers found by reference to the CLS confidential address database system**

<table>
<thead>
<tr>
<th>Serial no.</th>
<th>Key no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>06179057</td>
<td>144810</td>
</tr>
<tr>
<td>13032093</td>
<td>7830</td>
</tr>
<tr>
<td>21421000</td>
<td>301340</td>
</tr>
<tr>
<td>21556000</td>
<td>24550</td>
</tr>
<tr>
<td>21619000</td>
<td>83040</td>
</tr>
<tr>
<td>21644000</td>
<td>610230</td>
</tr>
<tr>
<td>21740000</td>
<td>150150</td>
</tr>
<tr>
<td>21753000</td>
<td>608780</td>
</tr>
</tbody>
</table>

8 cases in total.
Appendix 4

Two cases where one KEY number corresponded to more than one SERIAL (or BSERIAL) number.

Case (a)

<table>
<thead>
<tr>
<th>KEY</th>
<th>SERIAL (26-year survey)</th>
<th>BSERIAL (30-year survey)</th>
</tr>
</thead>
<tbody>
<tr>
<td>83250</td>
<td>20458000</td>
<td>00128031</td>
</tr>
</tbody>
</table>

On examining these two entries on the confidential address database, they turned out to be the same person. Although the surnames listed for each entry were different, both her two forenames were identical, as was the day of birth.

26-year serial no. 20458000 was therefore altered to 00128031.

Case (b)

<table>
<thead>
<tr>
<th>KEY</th>
<th>SERIAL (26-year survey)</th>
<th>BSERIAL (30-year survey)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80430</td>
<td>08266089 &amp; 18074999</td>
<td></td>
</tr>
</tbody>
</table>

In contrast with case (a), this turned out to be two different cohort members, where a KEY number which should have been 804830, had been erroneously typed into the data as 80430.

The KEY number corresponding to 30-year serial number 18074999 was therefore altered to 804830.
Appendix 5

Serial numbers of the 30 cases at the 26-year or 30-year survey for which no KEY number could be found.

Present at 26-year survey only:

21348000 21397000 21406000 21539000 21575000 21583000
21626000 21658000 21767000

9 cases in total.

Present at both 26-year and 30-year surveys:

21033000 21056000 21178000 21225000 21291000 21320000
21369000 21391000 21413000 21530000 21600000 21623000
21667000 21856000

14 cases in total.

Present at 30-year survey only:

21055000 21059000 21338000 21387000 21401000 21453000
21581000

7 cases in total.
Appendix 6

**BCS70 members in Northern Ireland at the time of the birth survey, who appeared later in Britain.**

<table>
<thead>
<tr>
<th>Survey</th>
<th>Present</th>
<th>Not Present</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birth survey</td>
<td>626</td>
<td>0</td>
<td>626</td>
</tr>
<tr>
<td>5-year-old survey</td>
<td>11</td>
<td>615</td>
<td>626</td>
</tr>
<tr>
<td>10-year-old survey</td>
<td>18</td>
<td>608</td>
<td>626</td>
</tr>
<tr>
<td>16-year-old survey</td>
<td>15</td>
<td>611</td>
<td>626</td>
</tr>
<tr>
<td>26-year-old survey</td>
<td>10</td>
<td>616</td>
<td>626</td>
</tr>
<tr>
<td>30-year-old survey</td>
<td>9</td>
<td>617</td>
<td>626</td>
</tr>
<tr>
<td>Appeared at any survey post-1970</td>
<td>21</td>
<td>605</td>
<td>626</td>
</tr>
</tbody>
</table>
Appendix 7

Cumulative total of BCS70 members interviewed, showing additions to survey at each successive time-point (*after* this cleaning process)

<table>
<thead>
<tr>
<th>Survey Description</th>
<th>Cumulative Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birth survey (incl. 22-month &amp; 32-month follow-ups)</td>
<td>17,196</td>
</tr>
<tr>
<td>5-year-old survey contains 292 cases not previously seen</td>
<td>17,588</td>
</tr>
<tr>
<td>10-year-old survey contains an additional 847 cases</td>
<td>18,435</td>
</tr>
<tr>
<td>16-year-old survey contains an additional 171 cases</td>
<td>18,606</td>
</tr>
<tr>
<td>26-year-old survey contains an additional 79 cases</td>
<td>18,685</td>
</tr>
<tr>
<td>30-year-old survey contains an additional 48 cases</td>
<td>18,733</td>
</tr>
</tbody>
</table>
Appendix 8

SPSS Syntax to rationalise the Case Identifiers in the last three BCS70 data sweeps

30-year dataset:

If (bserial='21033000')key=900010.
If (bserial='21055000')key=900020.
If (bserial='21056000')key=900030.
If (bserial='21059000')key=900040.
If (bserial='21178000')key=900050.
If (bserial='21225000')key=900060.
If (bserial='21291000')key=900070.
If (bserial='21320000')key=900080.
If (bserial='21338000')key=900090.
If (bserial='21348000')key=900100.
If (bserial='21369000')key=900110.
If (bserial='21387000')key=900120.
If (bserial='21391000')key=900130.
If (bserial='21397000')key=900140.
If (bserial='21401000')key=900150.
If (bserial='21406000')key=900160.
If (bserial='21413000')key=900170.
If (bserial='21453000')key=900180.
If (bserial='21530000')key=900190.
If (bserial='21539000')key=900200.
If (bserial='21575000')key=900210.
If (bserial='21581000')key=900220.
If (bserial='21583000')key=900230.
If (bserial='21600000')key=900240.
If (bserial='21623000')key=900250.
If (bserial='21626000')key=900260.
If (bserial='21658000')key=900270.
If (bserial='21667000')key=900280.
If (bserial='21673000')key=900290.
If (bserial='21689000')key=900300.

If (bserial='21051000')key=600280.
If (bserial='21179000')key=601630.
If (bserial='21185000')key=108930.
If (bserial='21239000')key=76630.
If (bserial='21421000')key=301340.
If (bserial='21556000')key=24550.
If (bserial='21619000')key=83040.
If (bserial='21620000')key=163880.
If (bserial='21644000')key=610230.
If (bserial='21655000')key=610200.
If (bserial='21673000')key=604640.
If (bserial='21689000')key=604850.
If (bserial='21740000')key=150150.
If (bserial='21753000')key=608780.

If (bserial='18074999')key=804830.
execute.
26-year dataset:

If (serial='21033000')key=900010.
If (serial='21055000')key=900020.
If (serial='21056000')key=900030.
If (serial='21059000')key=900040.
If (serial='21178000')key=900050.
If (serial='21225000')key=900060.
If (serial='21291000')key=900070.
If (serial='21320000')key=900080.
If (serial='21338000')key=900090.
If (serial='21348000')key=900100.
If (serial='21369000')key=900110.
If (serial='21387000')key=900120.
If (serial='21391000')key=900130.
If (serial='21397000')key=900140.
If (serial='21401000')key=900150.
If (serial='21406000')key=900160.
If (serial='21413000')key=900170.
If (serial='21453000')key=900180.
If (serial='21530000')key=900190.
If (serial='21539000')key=900200.
If (serial='21575000')key=900210.
If (serial='21581000')key=900220.
If (serial='21583000')key=900230.
If (serial='21600000')key=900240.
If (serial='21623000')key=900250.
If (serial='21626000')key=900260.
If (serial='21658000')key=900270.
If (serial='21667000')key=900280.
If (serial='21767000')key=900290.
If (serial='21856000')key=900300.

If (serial='21051000')key=600280.
If (serial='21179000')key=601630.
If (serial='21185000')key=108930.
If (serial='21239000')key=76630.
If (serial='21421000')key=301340.
If (serial='21556000')key=24550.
If (serial='21619000')key=83040.
If (serial='21620000')key=163880.
If (serial='21644000')key=610230.
If (serial='21655000')key=610200.
If (serial='21673000')key=604640.
If (serial='21689000')key=604850.
If (serial='21740000')key=150150.
If (serial='21753000')key=608780.

If (serial='00433049')key=129360.
If (serial='00617905')key=144810.
If (serial='02039000')key=102260.
If (serial='16032893')key=7830.

If (serial='00433049')serial='00933049'.
If (serial='00617905')serial='06179057'.
If (serial='02039000')serial='20339000'.
If (serial='16032893')serial='13032093'.
If (serial='20458000')serial='00128031'.

* The following case had the 5-digit CHESNO and 1-digit CTC defined in the data
* (from which KEY can be calculated), but for tidiness we put in the key number directly.

If (serial='21902000')key=73630.
execute.

**16-year dataset (BCS7016):**

compute key=10*chesno+tc2.
format key (f6.0).
format chesno (f5.0).
format sex86 (f2.0).
format lea86 (f6.0).
format dha86 (f6.0).
format regha86 (f6.0).
format land86 (f2.0).
format odoc_mt(f6.0).
format odoc_yr(f6.0).
format tdoc_mt(f6.0).
format tdoc_yr(f6.0).

variable labels key 'Unique Case Identifier'.
variable labels chesno '5-digit case identifier'.

format tc2(f2.0).

variable labels tc2 'twin code'.

value labels tc2 0 'Singleton' 1 'first of multiple birth' 2 'second of multiple birth' 3 'third of multiple birth'.

**16-year alpha dataset (alpha16):**

compute key=10*chesno+tc2.
format key (f6.0).

variable labels key 'Unique Case Identifier'.

format chesno (f5.0).
variable labels chesno '5-digit case identifier'.

format tc2(f2.0).

variable labels tc2 'twin code'.

value labels tc2 0 'Singleton' 1 'first of multiple birth' 2 'second of multiple birth' 3 'third of multiple birth'.

Youth Factors and Labour Market Experience in Job Satisfaction

John Bynner
Laura Woods
Neville Butler

October 2002