SURVEY OF THE PHYSICAL HEALTH OF PRISONERS IN ENGLAND AND WALES
N1376

PART TWO: THE FACE-TO-FACE INTERVIEW

OUTLINE STRUCTURE OF THE INTERVIEW

<table>
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<th>Population</th>
<th>Topics</th>
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<tr>
<td>All prisoners</td>
<td>Self-reported morbidity, longstanding illness (to be coded), limiting longstanding illness, acute illness, checklist of conditions</td>
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<tr>
<td>All prisoners</td>
<td>Doctor consultations</td>
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<tr>
<td></td>
<td>Accidents and injuries in the last 3 months</td>
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<td>Outpatient attendances in the last 3 months</td>
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<td>Day-patient stays in the last year</td>
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<td>In-patient stays in the last year</td>
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<td></td>
<td>NB. Prisoners who have been in prison for less than the time period specified in the question will be asked about use of services before entering prison as well as in prison.</td>
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<tr>
<td>All prisoners</td>
<td>Emotional or nervous illness (to be coded)</td>
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<tr>
<td>All prisoners</td>
<td>Hearing difficulties, eyesight, dental health attendance pattern.</td>
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<td>In prison for less than 2 years</td>
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<td>Exercise in prison</td>
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<td>In prison for less than 2 years</td>
<td>Exercise before entering prison</td>
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<td>All prisoners</td>
<td>Smoking</td>
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<td>In prison for less than 2 years</td>
<td>Drinking</td>
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<td>All prisoners</td>
<td>Treatment for alcohol-related health problems</td>
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<td>All prisoners</td>
<td>Drug use; treatment for drug use</td>
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<td>All prisoners</td>
<td>Diet in prison</td>
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<tr>
<td>In prison for less than 2 years</td>
<td>Diet before entering prison</td>
</tr>
<tr>
<td>All prisoners</td>
<td>Family information, housing tenure before prison, employment (occupation to be coded), education, ethnicity.</td>
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</tbody>
</table>
Nurse Schedule: Measurements and medication

To be keyed in after interview

All prisoners       Medication (prescribed and non-prescribed)
All prisoners       Blood pressure (3 readings), pulse (2 readings), respiratory function (3 readings), height, weight, to be taken from the nurse schedule.

Prisoners taking medication who have given consent
Prescribed medication (to be coded by nurse) - to be taken from treatment records.

THE FACE-TO-FACE INTERVIEW

IntBefore
This question is asked to establish whether a sampled inmate has already been interviewed for the survey. This could happen because he transferred from a Wave 1 prison to a Wave 2 prison.

You will need to probe that the informant has been interviewed for this particular survey, and not for any other survey. The Institute of Psychiatry is carrying out a survey of psychiatric morbidity in prisons. We also know that academic researchers have recently visited at least two of our sample prisons to carry out health research. The Prison Service is encouraging local research, and it is therefore likely that other prisons have also been visited by researchers.

Any sampled informant who has already been interviewed for the OPCS survey will be routed straight into the Admin Block, where he should be assigned an outcome code of 51 (Ineligible, already interviewed).

PrisStay
We are asking how long informants have been in prison at the beginning of the questionnaire because the information is required for routing purposes. Some questions, such as those on drinking and drug use and any questions comparing behaviour inside and out of prison are only asked of those who have been in prison for less than two years. Questions on exercise are only asked of those who have been in prison for at least four weeks.

You may find it helpful to explain this to informants.

The time spent in prison refers to the informant's current term of continuous imprisonment, in this or in any other prison, and should therefore include any time spent in prison on remand, if this is continuous with time spent in prison after sentencing. If the informant was released whilst on remand, then
reimprisoned, count the prison sentence as beginning after sentencing. The same definition applies for subsequent questions which refer to 'just before you came into prison' or 'in the 12 months before you came into prison'.

Informants may have escaped and been recaptured during their current term of imprisonment. If an informant was on the run for less than one week, then count the time in prison from his original imprisonment. If he was on the run for longer than a week, then count his time in prison from when he was recaptured.
HEALTH

PURPOSE OF THE SECTION

The aim of the section is to assess levels of self-reported morbidity and longstanding illness among the prison population. We have adapted questions from the English Health Survey and the GHS to allow comparisons to be made with the general population.

If an informant has already mentioned health problems during the interview, please add the following preamble when you introduce the section:

‘You’ve already talked to me about your health, and now I’d like to go on and talk about it in more detail, including anything you may have already mentioned.’

We are asking you to code longstanding illness, and you will therefore need to probe at this question. We have given you space to record up to six longstanding illnesses. Use the ‘anything else’ prompt to establish that you have recorded them all. There is a separate question later in the schedule asking whether informants have seen a doctor about an emotional or nervous illness, but any psychiatric illnesses which are mentioned at this question should also be recorded here.

We have provided the coding frame which was used by PAB for the GHS and for the Health Survey. This requires you to enter a number between 1 and 96. Use 96 for any illness which you cannot code; do not try to force it into one of the codes. Any illness coded 96 will be looked at back at HQ and referred to the survey doctor if necessary.

It is worth looking at the coding frame before starting to interview, as some complaints, such as asthma and allergies, can be coded in several ways, depending on the precise nature of the problem. These illnesses will therefore need more probing during the interview.

Some informants may offer 'drug addiction' as a longstanding illness. Include any such cases.

You may be asked by informants for advice about or diagnosis of a medical condition. You may also be asked to take some action about what they see as inadequate treatment from the prison medical services. We would like you to listen sympathetically to the informant, but not to give any advice. It would be unethical to do so, as you will not have full details of his medical history or his treatment in prison. Should an informant ask you to take up a case of perceived inadequate treatment, please make a note in your notebook and inform HQ. If appropriate, we will
write to the informant (or ask the survey doctor to do so). We will keep a log of any such cases, in case there is any comeback from the prison.

<table>
<thead>
<tr>
<th>Limitact</th>
<th>If the informant has more than one complaint, use code 1 if any of the complaints limit his/her activities.</th>
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<tbody>
<tr>
<td>Cutdown</td>
<td>For those informants who have been in prison for less than two weeks, include illness both before and since entering prison.</td>
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</tbody>
</table>
DOCTOR CONSULTATIONS

DocTalk We are interested in the proportion of prisoners who talked to a doctor, so that we can compare them with the general population. During the pilot, some informants had difficulty distinguishing between doctors and hospital officers/ nurses. It appears the prisoners are sometimes given medication by a nurse or HO 'out of the cupboard' in the Health Care Centre, which is not entered on their treatment record. You may need to probe to check that it was actually a doctor the informant talked to.

'Talking to a doctor' means speaking to him or her. In some cases informants may say that they went to the doctor to be given medication or an injection. If the doctor gave the medication or treatment, include the consultation. If it was a nurse or hospital officer, exclude it.

Include consultations before prison if the informant has been in prison for less than two weeks. You may need to probe that the informant is confining himself to the correct reference period. This is also true for other questions where the reference period spans a period inside and outside prison.

EXCLUDE the routine check-up which inmates receive when they arrive at the prison, but include any referrals made to the doctor because of problem/s identified during the check-up.

'Hospital' means an NHS hospital. Inmates in many establishments would have to go to the prison health care centre (which may be a hospital) in order to see a doctor. If the informant is currently resident in the Health Care Centre, exclude any consultations since entering the Centre.

NChats We have allowed for 14 consultations, as some prisoners apparently report to the doctor every day. An informant resident in the Health Care Centre may speak to the doctor more than once a day; in this case, enter the number of days on which he spoke to the doctor.

PriDoc Code 2: The emphasis here is on whether the doctor came into the prison from outside. The informant may not know whether he is an NHS doctor, but the likelihood is that he is.

Code 3: The prison may have a resident psychiatrist.

DocWhy Code 3: for regular treatment, medication or injection. Include informants who asked for detoxification treatment to help them come off drugs, or to help them manage withdrawal symptoms.
Include also any registered drug addicts who were receiving methadone or any other substitute before they came into prison, and who asked the prison doctor to continue prescribing it for them.

The question asks 'prescribe or give' as inmates are sometimes given medication 'out of the cupboard' which is not prescribed and not entered on their treatment record.

We are asking this question to assess the level of unmet demand for doctors’ services.

For those informants who have been in prison for less than two weeks, include only requests to see the prison doctor. Exclude any attempts to see a doctor before entering prison.
ACCIDENTS

PURPOSE OF THE SECTION

The Prison Service is interested in knowing what proportion of prisoners have had an accident or injury, and in the types and causes of the accident.

If the informant has been in prison for less than three months, include any accidents before entering prison. Exclude telephone consultations and accidents outside Great Britain if the accident occurred before entering prison.

Accident  The scope of this question is different to that used for GHS, but has been amended. We want you to include accidents or injuries sustained during a fight or assault. Include also any injuries resulting from self-harm, including suicide attempts.

AccType  We are asking only about one accident. If the informant has had more than one accident, take the most recent. Ask the informant what the accident was, and you may be able to code both questions from his answer. You may need to probe further if he describes the injury, but does not give you the cause, or vice versa.

AccHow  This coding frame looks more daunting than it is. It should be fairly obvious in most cases which code an injury should belong to. The detailed frame is here to help you to resolve any difficult cases.

The pre-codes are based on the International Classification of Diseases (ICD) codes for injury and poisoning. If you find it difficult to decide which code to use during the interview, please enter details on the notepad and code later.

Code 1: INCLUDE fractures of the skull, neck, trunk, upper limbs, lower limbs, dislocations.

Code 2: EXCLUDE lacerations of tendons in open wounds.

INCLUDE sprains and strains of shoulder and upper arm, elbow and forearm, wrist and hand, hip and thigh, knee and leg, ankle and foot, of lumbar region or of other parts of the back.

Code 3: EXCLUDE fracture of the skull (Code 1), nerve injuries, open head wounds without internal injury.

INCLUDE concussion, cerebral laceration and internal bruising, brain haemorrhage, other internal head injury.
Code 4: EXCLUDE concussion, foreign body entering through orifice, injury to blood vessels.

INCLUDE internal chest injuries, or injuries to heart, lung, gastrointestinal tract, liver, spleen, kidney, pelvic organs, intraabdominal organs and unspecified or ill-defined organs.

Code 5: EXCLUDE burns, crushing, puncture of internal organs, superficial injuries.

INCLUDE animal bites, avulsions (pulling off or forcible separation!) cuts, lacerations, puncture wounds, traumatic amputation.

Code 6: EXCLUDE accidental puncture or laceration during medical procedure, internal head haemorrhage.

INCLUDE avulsions, cuts, lacerations, ruptures, aneurism (distension of artery), fistula (abnormal opening) of blood vessels.

Code 7: EXCLUDE burns, bruising, foreign bodies, insect bites, open wounds.

INCLUDE superficial injuries of face, neck, scalp, trunk, upper and lower limbs, feet and hands, eyes, other.

Code 8: EXCLUDE concussion, injuries to internal organs.

INCLUDE bruising (without open wounds) of face, neck, scalp, trunk, genital organs, upper and lower limbs, feet and hands, eyes (including black eyes); crushing injuries of face, scalp, neck, trunk, upper limb, lower limb, multiple and unspecified sites.

Code 9: EXCLUDE foreign bodies inadvertently left in operation wounds or foreign bodies in open wounds.

INCLUDE foreign bodies entering eye, ear, throat (including choking on food), trachea, bronchus and lung (including inhaled vomit), mouth, oesophagus and stomach, intestine and colon, anus and rectum, digestive system (including swallowed objects), genitourinary tract.

Code 10: EXCLUDE friction burns and sunburn.

INCLUDE burns from electrical heating appliance, electricity, flame, hot object, lightning, radiation, chemical burns
(internal and external), scalds.

Code 11: EXCLUDE accidental puncture or laceration during medical procedure.

INCLUDE injuries to optic nerve and pathways, other cranial nerves, spinal cord lesion, injuries to nerve roots and spinal plexus, nerves of trunk, shoulder girdle and upper limb, pelvic girdle and lower limb.

Code 12: EXCLUDE adverse effects (ie. reaction, hypersensitivity) of substances properly administered, drug dependence, non-dependent use of drugs, pathological drug intoxication.

INCLUDE overdose, wrong substance given or taken in error. Poisoning by medicinal substances, acute intoxication, poisoning by solvents, acids, metals, gases, food poisoning, other non-medicinal substances such as pesticides, venom, soaps and detergents.

Code 13: Any other injury!

WhchHosp Note that we are asking about both the prison health care centre and NHS hospitals.
USE OF SERVICES

PURPOSE OF THE SECTION

We are trying to assess the level of use of hospital and similar services by prisoners. Please note the variety of reference periods used in this section. These may need some probing if they span periods inside and outside prison.

Prisoners have access to different kinds of care. They can stay overnight in the prison Health Care Centre, or in a hospital wing. They can also attend NHS hospitals outside the prison as an outpatient, day patient, or inpatient. In addition, doctors from NHS hospitals sometimes visit prisons to see prisoners on an outpatient basis. Prisoners are asked about stays in the prison Health Care Centre, visits to NHS outpatient departments and visits from NHS doctors in the prison during the last three months, and about day patient and inpatient stays during the last year. For those who have been in prison for less than the reference period, any visits or stays in NHS hospitals before they entered prison should be included, as well as those since they have been in prison.

HlthCent  The reference period is three complete calendar months. Some recently-imprisoned informants may not have been in prison during those months. If you know this already, code rather than ask this question.

OutPatnt  At this question, a 3-month time period is used, namely the last three complete calendar months prior to the month in which you are interviewing.

Include: visits to private hospitals and private clinics before entering prison.

Exclude: doctors seen abroad before entering prison unless Forces doctors.

day patients, they are covered by Daypatnt

DocVisit  The reference period is three complete calendar months. Some recently-imprisoned informants may not have been in prison during those months. If you know this already, code rather than ask this question.

We are interested here in whether the informant has seen a doctor from outside, as opposed to the prison doctor. Some informants may not be sure whether the outside doctor was an NHS doctor; the likelihood is that he or she was.

Daypatnt  Day patients are defined as patients admitted to a hospital bed during the course of a day or to a day ward where a bed, couch or trolley is available for the patient’s use. They are admitted with the intention of receiving care or treatment which can be completed in a few hours so that they do not require to remain in hospital overnight. If a patient admitted
as a day patient then stays overnight he should be counted as an inpatient.

Include: dialysis patients if they are admitted only for the day and not required to stay overnight.

InPatat  Include: stays in private hospitals and clinics before entering prison.

dialysis patients required to stay in hospital overnight

AccStay  This is to establish whether the stay was in connection with an accident mentioned earlier, or for another reason.

NStays  An inpatient stay lasts from admission to discharge, so if an informant was sent home for the weekend during a spell as an inpatient, this just counts as one spell.

PURPOSE OF THE SECTION

The Prison Service is interested in getting an overview of the prevalence of certain conditions among prisoners. Additionally, although the survey is about the physical health of prisoners, the Prison Service decided to include one or two questions about psychiatric health.

ChckList  Please make a note on the notepad facility if you had to read the card aloud to the informant, as the subject matter is potentially sensitive.

Cndtions  During the pilot, informants did not always choose conditions, such as asthma, from the card if they had already mentioned them at Illness and LMatter. If an informant has already mentioned that he has had one of the conditions on the card, probe and include it if he has experienced it in the last 12 months.

Code 3: fits. Include fits resulting from withdrawal from drugs, but make a note on the notepad facility.

DocEmot  This question is from the OPCS Psychiatric Morbidity survey.

EmotWhy  You will need to probe on this question. We are interested in self-reported psychiatric morbidity, and the illness does not necessarily have to have been diagnosed by a doctor. If, for example, the informant says that he went to the doctor because he was hearing voices, but the doctor said there was nothing wrong with him, include. The question differs from the Psychiatric Morbidity Survey, which is interested in people with a diagnosed psychotic illness.
Use the 'anything else' probe to establish that all the illnesses are coded.

EmtCode1 We have provided the coding frame used for Psychiatric Morbidity, which uses codes from 800 to 899. Please use 896 for any illness which you cannot code, and it will be referred to the survey doctor if necessary.
GLASSES, CONTACT LENSES AND HEARING

PURPOSE OF SECTION

The Prison Service is interested in knowing what proportion of informants have difficulty with eyesight and hearing. Opticians visit prisons to carry out eyesight tests and to provide services. Just over 3,000 optician sessions were conducted in 1992-3.

**Glasses**

Code 'Yes' for informants who are supposed to wear glasses, but don't, either because they don't bother, or because they have lost them. We are interested in knowing whether informants have difficulty with their eyesight, not in whether they are actually wearing or using glasses or lenses.

**SghtTest**

If informant has been in prison for less than one year, include any tests before entering prison.

Include sight tests by opticians in shops or stores before entering prison. Exclude tests in hospitals, doctors' surgeries and clinics, and tests done abroad. Exclude tests done as part of the check-up on entering prison, unless these were done by an optician.

**SeeRoad**

This question was adapted from the Disability Survey. We have put 'across the road' in brackets, as it may be inappropriate for informants who have been in prison for a long time.

**ReadDiff**

The emphasis in this question is on whether informants can see, not on whether they can read. If the informant says he can't read, ask him if he could distinguish letters.
DENTAL HEALTH

PURPOSE OF SECTION

The Prison Service is interested in knowing whether dental attendance patterns change on entry to prison. NHS dentists visit prisons, and prisoners are entitled to free treatment.

PrisDent Those who have been in prison for only a short time (and some of those who have been in for a longer time!) are unlikely to have seen a dentist. We are therefore first asking informants if they have seen a dentist in prison and, only if they have, asking follow-up questions.

DnTstWn Include those who have seen or asked to see a dentist because of problems with teeth resulting from using cocaine (or other drugs).

DnTstNo Informants who say that they would like to see a dentist, but will not visit the prison dentist because he is a 'butcher' (or words to that effect) should be coded 3.
ACTIVITY AND EXERCISE

PURPOSE OF THE SECTION

The Prison Service is interested in gathering information about the levels of exercise in prison. Exercise is compulsory for young offenders, but other types of prisoners have differing degrees of access to exercise and sports facilities, and make different use of the facilities which are available.

The Questions on activity were developed from the Allied Dunbar National Fitness Survey, which looked in great detail at the relationship between physical activity, fitness, health and lifestyle, and were used on the English Health Survey. We have adapted these to the prison context, but used the same questions where possible to allow us to make comparisons between prisoners and the general population.

The questions

We are interested in the physical activities and exercise the informant has done in the four weeks before the interview because the benefit the heart gets from activity and exercise is thought to be closely related to the activity pattern over a four week period. In addition, a four week period provides a long enough period to give a reasonably reliable picture of the informant's activity pattern but is short enough to enable acceptable recall of the activities the informant has done.

ExerIntr  Read the preamble to focus your informant's attention on the physical activities he has done in the four week reference period.

'Last four weeks' means in any prison, not just the present one. Informants who have been in prison for less than four weeks, will not be asked these questions.

Work            If the informant had a job, but has not done it for the last four weeks, exclude, as the reference period for activity is always four weeks.

PrisJob         Code 3: include working in the officers' mess.

Code 4: include sewing machinist, if working in a workshop.

Code 6: include jobs such as plumber's mate, semiskilled and unskilled jobs which do not fit into other codes.

Code 7: include repairing electrical items, bricklaying, jobs which require a degree of skill.

Code 9: include receptionist, braille writing.

Code 11: 'Full-time study'. Code this as a job only if informants are being paid to study.
Code 13: include working in clothing store.

**Active**
This refers to activity as part of the informant's prison job; the other questions refer to activity outside this.

**WalkB**
The questions about walking need to be asked with sensitivity as they can touch a raw nerve if informants have nowhere to walk.

Walking is an activity which is difficult to recall accurately. If you are asking the questions, and your informant answers 'no' to this question, check that he has really not done any walks of over a quarter of a mile. Stress the term 'any' in your probing.

Include walking in cells - the pilot showed that some prisoners deliberately walk round or up and down their cells as a way of getting exercise.

Note the 'nowhere to walk' code.

**MileWlkB**
We are interested in continuous walking of over a mile at a time. Include any continuous walking of over a mile that the informant has done in the past 4 weeks. This can be a country walk, or a ramble, for those inmates who are allowed to do this, walking to and from work if this is outside the prison or any other walks done in the prison grounds, or in the cell.

But exclude:
- walking while playing sports (eg. golf);
- walking during the course of the informant's job;
- shorter walks which together add up to a mile or more;
- just "being on your feet" for at least 20 to 30 minutes (not necessarily walking).

**MileNumBumB**
We want the number of times the informant has done walks of a mile or more in the past four weeks. Thus if someone did 2 walks of a mile in a day, this should be counted as two times. The pilot also showed that a lot of probing was needed on the number of walks - some informants offered the number of miles which they had walked.

**WalkPace**
We want to know the pace at which the informant usually walks. If the informant's walking pace varies according to who they walk with, repeat the question stressing the word 'usual'.

**Facility**
Prisoners in different establishments have differing degrees of access to sports and exercise facilities inside the prison. Some are able to use facilities outside the prison. We are trying to find out what facilities prisoners have access to, not whether the informant actually uses them. As the number of facilities can vary between individuals in the same
prison, we need to ask this of all informants, not only find out at a prison level.

CODE 8  Football/cricket/rugby: include indoor pitches.

Those who say they have no access to sports or exercise facilities should be coded 13.

ActAny  This section covers any recreational sports and exercise activities done in the 4 weeks before the interview. Include time spent on training, practising, refereeing and coaching sports.

When assessing whether to include or exclude an activity follow the principle of neither double counting it in the section nor omitting it altogether.

The English Health Survey has found that some informants who did seasonal sports feel that their answer to this question is not typical. If your informant raises this point explain that we want to know about the last four weeks because the benefit the heart gets from activity and exercise is thought to be related to the physical activity done over the previous four week period. Also point out that the intention of this section is to obtain a range of information about the physical activity which can be combined together to provide an overall picture of the informant's general activity level. It is highly unlikely that a person who is active in a seasonal sport would be completely inactive for the rest of the year and we would expect to pick up activities done under other questions in the section.

Code 1 Circuit training. The pilot showed that inmates in some prisons do an hour or so's circuit training several times a week. This includes a number of activities, such as using an exercise bike, running, weights etc. Informants found it very difficult to separate the activities and give timings. We have therefore included this general category.

Any other activities listed on the card which are part of the circuit training should be included here and not counted separately. Only code the other activities if they are done in addition to the circuit training. If an inmate does one hour's circuit training, which includes 20 minutes running, and then does an additional 30 minute run, this should be coded as 60 minutes circuit training and 30 minutes running.

Code 2 Cycling has been excluded because it is generally inappropriate to the prison context. The question refers to 'exercise bike'. In prisons where informants go out to work or community service include cycling. In the unlikely event that an informant has been motor cycling, exclude it.
Codes 3,4 Exercises (for example, press-ups and sit-ups), keep fit and gymnastics are very similar activities. Some people see them as the same thing while others see them as different activities. There is no need to worry too much about the definition of the two groups. Just take the informant's own definition.

However, if the informant says that he has done both exercises and aerobics etc. check that he indeed does exercises and aerobics etc. as separate activities (eg. does sit-ups and aerobics on different occasions). If 'yes', treat the two as separate and ring codes 3 and 4. If 'no', ring either the code 3 OR code 4.

Include sit-ups, press-ups etc done in the informant's cell.

**TimeAct**

This question asks for the time the informant usually spends on the activity. Place particular emphasis on the fact that we want to know the actual time they spend on the activity. Exclude the time they spend changing or any breaks they took. The National Fitness Survey has shown that this is particularly important with activities such as swimming where times are likely to include getting changed. If the informant has had breaks, add up the time that he actually spent doing the activity.

If the activity lasted for more than an hour, calculate the time in minutes.

**Effort**

This question aims to identify the level of activity at which a person performs, or at least whether the level of activity was sufficient to make the person either out of breath or sweaty. It is important that we know the effort exerted because this affects the classification of the informant into the various activity groups. The important thing is that it should have been the "effort" they used which made them out of breath or sweaty, not just the fact that the temperature was high. For some activities, such as swimming, people might get out of breath without sweating; only one of the criteria has to be fulfilled for the answer to be 'yes'.

There has been some concern among English Health Survey interviewers about the accuracy of this question because some people do not like to admit to being out of breath or sweaty because they think it suggests they are unfit. This is not necessarily so, although the point at which people become breathless or sweaty probably does relate to their fitness. Effort, at whatever level of fitness can produce this effect.

The National Fitness Survey found that few of those
doing light activities, eg darts, said that they became breathless or sweaty but a high percentage of those doing the vigorous activities, eg squash, said they did. Younger people were more likely than older people to say the effort of each activity made them out of breath or sweaty, suggesting that the question on effort was identifying intensity of effort rather than reflecting their physical condition. Those who had breathing problems, eg asthma, were no more likely to say 'yes' to the breathlessness/sweat question than those without.

ActChce The Prison Survey is interested in identifying any unmet demand for exercise and sports facilities.

Code 4 is spontaneous. Use this code if someone says 'do far too much' or anything like that.

Code 5 DNA: Also spontaneous. Use if the informant normally plays sports, but cannot at the moment because of injury or indisposition.

ActBef These questions are only asked of those who have been in prison for less than two years.

ActComp
SMOKING

PURPOSE OF THE SECTION

The aim of this section is to estimate smoking prevalence and the number of cigarettes smoked. We are asking only about cigarettes as pipe smoking is most common among men aged 45 and over, who are under-represented among the prison population.

Do not comment on the hazards of smoking or on your own feelings about smoking. However, if you need to explain the purpose of the section, you can say that over time there has been a lot of discussion about the effect of smoking on health, and the Prison Service is interested to see what effect this is having on prisoners' health.

We are only interested in ordinary tobacco which is smoked. You should, therefore, ignore any reference to snuff, tobacco or tobacco products that are chewed or sucked or herbal tobaccos.

CigEver       By 'ever smoked a cigarette', we mean even just once in their life.

CigNow        'Nowadays' means 'in prison'.

QtyDay        Note that daily figures are required. If any informant can only give an overall weekly number of cigarettes, enter DK and record these amounts as a last resort, using the notepad facility. If more than 97 cigarettes are smoked per day, enter 97.

CigType       We think that prisoners are more likely than the general population to smoke hand-rolled cigarettes.

  'Hand-rolled' cigarettes can be filter-tipped or plain, but it is the fact that they are hand-rolled and not manufactured that is important.

QtyTob        As the size of handrolled cigarettes can vary considerably, we are asking for an estimate of the quantity of tobacco consumed each week. Cigarettes are an important form of 'currency' in prisons, and informants may not buy whole packets. If they do not, ask them to make an estimate.

  The amounts reported on the pilot were very small. If informant offers a daily amount, eg 1/2 oz a day, work out the weekly amount and check.

  Please enter the number of quarter ounces.

Cigsame       This is only asked of those who have been in prison for less than two years.

CigAge        This question is asked of all current and ex cigarette
smokers. Someone who says in reply to CIGNOW that they currently smoke cigarettes may not consider that they ever smoked cigarettes regularly. If they say this at CIGAGE, code 0.
DRINKING

PURPOSE OF THE SECTION

We are aiming to assess the frequency and level of drinking. This section is only asked of those who have been in prison for less than two years, except for the first question on whether informants used to drink and the questions on treatment for drink-related health problems. In order to keep the section reasonably short, we are asking follow-up questions only about the type of drink most commonly consumed. Do not ask about illicit drinking in prison.

DrType Note that we are asking about the type of drink most frequently drunk. This is both to avoid this section of the interview becoming disproportionately lengthy, and because of possible problems of recall.

Shandy, ShandyAm etc These questions collect information about frequency and about the amount usually consumed on any one day. Where drinks are grouped at this question, we are not interested in any one particular drink, but in a group of drinks as a whole. So, if someone says that they have a drink of whisky and a drink of gin each week, you should ask the question again, explaining that we just want to know how often he has had a drink of any kind of spirits and liqueurs in the 12 months before prison.

Remember to include home-made or home-brewed drinks in the appropriate category (e.g. gooseberry wine should be coded as 'wine' and not entered as 'other alcoholic drink').

Be careful to include only alcoholic shandy. Cans of shandy should not be included because they have extremely low alcoholic content. Similarly all other non-alcoholic or low alcoholic drinks (e.g. low alcoholic wine) are also excluded.

ShandyAm Standard amounts etc

Shandy and beer/lager/stout/cider should be recorded in half pints. During the pilot, some informants reported drinking 'strong' or 'designer' beers, lager or cider. Record the number of half pints, as we want the information to be comparable with the Health Survey, but use the notepad facility if you need to.

Spirits should be recorded as singles, so a double gin or a large whisky should be entered as 2 singles. (In Scotland, singles are sometimes known as 'halves'.)

Amounts of wine should be recorded in glasses, and amounts of fortified wines such as sherry or martini in small glasses. A schooner of sherry counts as 2 small glasses.
Cans
A large can of beer/lager/stout/cider is three quarters of a pint. Ask how many cans the informant drank and enter the total number of half pints.

A small can is half a pint.

A small can of wine usually contains 2 glasses.

Bottles
If answers for spirits, wine or fortified wine (sherry, martini etc) are given in terms of bottles, please try to estimate the number of singles, glasses or small glasses, as follows:

Half a bottle of spirits is 14 singles.

A standard (70 cl or 75 cl) bottle contains approximately:
- 6 glasses of wine,
- 14 small glasses of fortified wine (sherry, martini, etc),
- 28 singles of spirits.

A litre bottle contains approximately:
- 9 glasses of wine,
- 18 small glasses of fortified wine (sherry, martini, etc),
- 40 singles of spirits.

If you can't work it out, use the notepad facility to specify the answer in terms of bottles, but please give the size; ie if the respondent drinks half a bottle, indicate whether it is a miniature, a standard bottle, a litre, or some other size of bottle.

Other amounts
Occasionally answers may be given as spoonfuls. In this case, establish and record on the notepad whether it is a teaspoon or a tablespoon etc. 'Nips' or 'Tots' are acceptable answers to record for spirits.

Other points
Always record the total amount usually drunk on any one day, so if someone usually had a pint at lunchtime and 2 pints in the evening, that should be entered as 6 half pints.

If at any part of ShandyAm etc, the amount usually drunk on any one day varied so greatly that the respondent is unable to answer, you should probe for the amount most usually drunk on any one day during the 12 months before entering prison.

At the 'anything else' category you will need to enter
in each case the description of the quantity as well as the number e.g. 2 glasses, 1/2 bottle, 1 teaspoon etc. If two types of drink are given, make it clear which amount refers to which drink.

**DrAdTT**

The Prison Service is interested in the proportion of prisoners who have sought treatment for alcohol-related problems.

The purpose of this question is to identify people who have received medical advice to stop drinking. The important distinction is between medical advisors - GPs, consultants, nurses, health visitors, physiotherapists - and all non-medical advisors.

Staff at fitness clubs, health clubs are not normally medical staff. If you are unsure whether someone counts as a medical person, note details on the notepad.

**DrTreat**

Include treatment both for alcoholism itself, eg detoxification/drying out and for alcohol-related health problems such as liver problems.
DRUG USE

During the pilot, this section was only asked of those who had been in prison for less than two years. It has now been extended to all informants. Despite the apparently sensitive nature of the questions, the section caused no problems on the pilot.

The emphasis is on the non-medicinal use of drugs. We have not specified in the question that the drug should not be prescribed, because the Prison Service is interested in knowing, for example, whether an informant has been prescribed methadone. It was also evident from the pilot that some informants were obtaining drugs such as temazepam on prescription from their GP, but using it for recreational purposes.

DrugTake Please make a note on the notepad facility if you had to read the card aloud to the informant.

WhichDrug Code 3: Other names for cannabis: grass, puff, weed, gear, pot, hashish, Bob (for Bob Hope - dope!), dope.

Code 6: include 'trips'

Code 11: Include diconal, halcion, largactil, morphine sulphate, nitrazepam, palfium, DF118.

A new drug is currently going into prisons - Ketamin, also known as Special K or KitKat. Medically it is used as an anesthetic. Inmates inject it. Please use the notepad facility if any informant tells you that he is using this drug.

If informant says he injected Temazepan, please use notepad facility.

DrgAge You may need to probe on this question. We are interested in the first use of the drug use for non-medicinal purposes.

DrgTrt The Prison Service is interested in the proportion of prisoners who have sought treatment for drug-related problems. They also wish to have an indication of whether informants who have asked for help in prison have received it or not.

The purpose of this question is to identify people who have sought help or treatment from a medical person. The important distinction is between medical advisors - GPs, consultants, nurses, health visitors, and others, who are covered by DrgTrt2. Include psychiatrists here.

Include treatment both for addiction itself; eg., methadone prescriptions given to registered addicts, detoxification and withdrawal programmes, and for
health-related problems, such as ulcers from injecting.

Informants who have only taken cannabis might resent this question, as they may not see it as a ‘drug’.

DrgTrt2 This question is to identify whether informants have sought help from non-medical professionals.
DIET

PURPOSE OF THE SECTION.

The Prison Service is interested in gaining an overview of the diet of prisoners and in obtaining an indication of whether diet has changed since entering prison. These questions have been adapted to the prison context but will need some probing.

The questions have been adapted from the English Health Survey. They focus on a few indicators of 'healthy' v 'less healthy' eating habits. Advice from the Department of Health and the Health Education Authority emphasises reducing the intake of fats, salt and sugar and increasing the consumption of starch and fibre. Therefore, the questions aim to tap into indicators of the consumption of these foodstuffs.

As far as possible avoid mentioning the risks of eating less healthily in case it biases informant's replies. If you need to give an explanation of the purpose of this section, you can say that we are interested in seeing how prisoners' eating habits compare with those of the general population. The emphasis is on the food which informants eat in prison, except in the final part of the section, where we are asking those in prison for less than two years to compare their present diet with their diet before entering prison.

If your informant is currently on hunger strike, please route him past these questions if they are too sensitive and use the notepad facility to record this.

DietChce Informants may be eating healthy or unhealthy food because they have no choice. This question is an attempt to assess what degree of choice they have. Individual inmates, such as those who work in the officer's mess, may have more choice than other inmates in the same establishment.

Food is a very emotive subject in prisons. The National Prison Survey found that informants talked about it a great deal. You can therefore use this question as an opportunity to let the informant talk generally about food before moving on to the more detailed questions. Make notes in your notebook if you think it is appropriate.

Bread The definition of bread is wide; it includes rolls, batons, chapattis, nans, pittas etc in addition to 'bread, although most informants are unlikely to have much choice.

You will need to probe on this question, but results of the pilot showed that the question is worth asking.

We are interested in the type of bread the informant usually eats. By usually we mean the type of bread the informant most often eats. If your informant says he regularly eats two or more kinds of bread, eg white
and wholemeal, check if he eats one type more frequently. If not code 5 (does not have usual type) - but only as a last resort.

Analysis will focus on the consumption of wholemeal bread as this is particularly high in fibre. There may be confusion amongst some informants about different types of 'brown bread'. Some people think that all brown bread (including granary and wheatmeal is wholemeal. Although all wholemeal bread is brown in colour not all brown bread is wholemeal. Therefore, if your informant replies 'brown' you should check whether the bread is wholemeal or not. If the informant is confident that it is wholemeal you should code it as '3 - wholemeal', otherwise you should code '2' - brown, granary, wheatmeal'.

If the informant mentions Hi-bran bread code 4 and specify. On the schedule you will notice that at code 4 (other kind of bread) there is an instruction to 'establish type and code 1, 2 or 3 above if appropriate'. This may occur with informants who usually eat breads such as nans, chapattis, parathas or pittas.

Some informants may eat bread which is made from a combination of white and brown flour. Code this as code 4 ('some other kind of bread'), but otherwise try to use this code as a last resort. Codes 5, 6 and 9 are marked spontaneous to indicate that you should not read them out in your running prompt.

**Milk**

Code one only. The pre-codes were developed out of the pilot.

We are interested in the type of milk the informant usually uses in drinks, tea or coffee and cereals. By usually we mean the type of milk the informant most often uses.

Code 2: powdered milk. Include marvel, dried milk, vegetable whitener. During the pilot, some informants were not always sure whether they milk they drank was powdered, but thought it was because it tasted 'thin'. You may need to probe on this.

Code 3: soya milk. Some inmates ask for soya milk because they are vegans. Others ask for it as a way of getting extra milk.

Codes 5 and 6 are marked spontaneous to indicate that you should not read them out in your running prompt.

**Sugar**

We are interested in whether the informant usually has sugar in tea. By usually we mean whether the informant regularly uses it as the norm. Do not include artificial sweeteners.
Coffee

We are interested in whether the informant usually has sugar in coffee. By usually we mean whether the informant regularly uses it as the norm. Do not include artificial sweeteners.

TabSalt

'Salt' includes sea salt, 'Lo salt' and salt additives.

Cereal

Code one only

This should be asked as an open question. Prisoners in most prisons are likely to have little choice - often it is a case of porridge or cornflakes. In many prisons, inmates get no choice on any particular day, but the cereal provided varies on different days. You may need to probe to establish which type of cereal the informant eats most often. If this is impossible, code 3 'does not have usual type'. Alternatively, some informants may say that they mix cereals; one pilot informant said he had half muesli and half cornflakes every day - use code 3.

Generally, any cereal which has bran, oats or wheat in the title will be high fibre (Instant oat cereals such as 'Ready Break' and 'Warm Start' are exceptions to this).

Biscuits, Sweets, Cakes, Fruit, Veges, Chips, Rolls, Beans

There is a showcard for these questions. The emphasis is on how often the informant eats any amount of this food, not the total amount of portions or helpings. Prisoners can use their earnings to buy food such as tins of tuna fish, biscuits, sweets etc from the prison shop. Include informants' own food if they mention it, as well as the food they are given at mealtimes.

Confectionery includes sweets or bars and chocolates in boxes but not chocolate coated or centred-biscuits (eg Chocolate Hob Nobs).

Fruit includes fresh, frozen and tinned varieties. Vegetables and salad includes fresh, frozen and tinned.

Bread includes rolls, batons, chapattis, nans, pittas etc in addition to 'traditional' bread.

Pulses are the edible seeds from several leguminous plants and includes lentils, split peas, chick peas, dal, red kidney beans, butter beans, haricot beans, baked beans, mung beans but not green beans (ie broad, runner french, dwarf and string) or green peas.

DietBef

This is only asked of those who have been in prison for less then two years.
NotEnuf to FastFood

This set of questions were developed from verbatim answers given to an open question in the pilot. As they are opinion questions, informants are allowed to contradict themselves.
FAMILY AND LIVING CIRCUMSTANCES

PURPOSE OF THE SECTION

This section is designed to collect background information on informants. Many of the questions are the same, or very similar to questions from the National Prison Survey, although we are asking about some topics - such as dependent children - in far less detail.

MarStill  Ask whether they still consider themselves to be as they stated at Q1. Although some informants may find this question sensitive, we need to ask it in order to calculate current marital status.

Children  The Prison Service is interested in knowing how many children prisoners have as a measure of the unmet responsibilities. They would like to know how many children the informant has fathered, even if they were not living with him before he went into prison. They would also like to know about any step or foster children of the informant's current partner (ie. if he still thinks of her as his partner).

The pilot suggested that some informants may exaggerate about their offspring, so you may have to do some probing. Include any children born since entering prison, if the informant is reasonably sure that he is the father.

Living  This question is designed to distinguish between informants who were buying or renting accommodation in their own or partner's name, and those who were living in accommodation owned or rented by their parents or other adult relatives.

Only those who answer 'no' to this question will be asked the next question about tenure.

Tenure  Code the first that applies.

During the pilot, some informants said that they had their own accommodation, but also had a regular girlfriend - with a child - at whose place they often stayed. You may need to probe at this question. As a general rule, code the place where the informant most often stayed. For example, if he spent four nights a week at his girlfriend's home and three nights a week at his own place, code the girlfriend's accommodation.

Code 1: include 'rental mortage', a scheme whereby people living in rented accommodation can buy part of the property.

Code 4: in a hostel or temporary accommodation: include 'getting a bed wherever I can'.
EMPLOYMENT

Activity  The purpose of this question is to enable us to derive socio-economic group for classificatory purposes. Code the first that applies.

Code 7: Living off crime
As the information from this question will be used to derive socio-economic group, use this code as a last resort. It has been included because The National Prison Survey found that some prisoners were unable to fit themselves into the other codes. For some informants, this category came as a relief!

BlckEcon  At the pilot, we did not ask interviewers to occupation code any jobs which were 'black economy'. It was evident during interviews, however, that quite a few of the jobs could be coded. We have therefore asked you to code occupation where possible, whether black economy or not. A job will count as 'black economy' if it is cash-in-hand, and/or if the informant is signing on as well as earning, or if you feel that what is being described to you would not fit in to our normal coding frame eg acting as a fence for stolen goods, drug dealing, living off crime. Where you are not able to code, use the notepad facility and the comments will be looked at at HQ.

SelfEmp  Self-employed persons are considered to be working if they worked in their own business, professional practice, or farm for the purpose of earning a profit, even if the enterprise was failing to make a profit, or had just been set up, etc.

HISTORY AND EDUCATION

Care  This is whether the informant was ever taken away from home into care. It is possible to have a care order and stay at home and these cases should not be counted.

AgeLftSc  Sixth form colleges should be treated as schools. If informants tell you that they left school before reaching the minimum school-leaving age - currently 16 - because their birthday was in the holiday period between school years or terms, record them as having left at the minimum age.

Quals1  Include qualifications gained before and since entering prison.

Quals2  The codes used are the same as those used for the English Health Survey, except that we have asked a filter question to exclude those with no qualifications.
The qualifications shown on Card E are grouped into 6 types. You should hand the informant the card and ask them to tell you the first one they come to that they have passed. You should then check that this is in fact their highest qualification as we only want the highest coded. Note that the qualifications are arranged in groups; we do not need the individual qualification coded, only the group in which it falls.

You may need to probe your informant's answer in order to establish which code to choose.

The groups are:

Degree (or degree level qualification)

Teaching qualification
HNC/HND, BRC/TEC Higher, BTEC Higher, City and Guilds
Full Technological Certificate, Nursing Qualifications
(SRN, SCM, RGN, RM, RHV, Midwife)

A levels, SCE Higher,
ONC/OND/BTEC/TEC/BTEC not higher
City and Guilds Advanced/Final Level

O level passes (Grade A-C if after 1975)
GCSE (Grades A-C)
CSE Grade 1
SCE Ordinary (Bands A-C)
Standard Grade (Level 1-3)
SLC Lower
SUPE Lower or Ordinary
School Certificate or Matric
City and Guilds Craft/Ordinary Level

CSE Grades 2-5
GCE O level (Grades D & E if after 1975)
GCSE (Grades D,E,F,G)
SCE Ordinary (Bands D & E)
Standard Grade (Level 4,5)
Clerical or Commercial qualifications

CSE Ungraded
Other qualifications

Origin
This is the question which was be used on the census in 1991. Please ask and do not code from observation.

16 June 1994

C:\wptext\prisoner\instruct.
SURVEY OF THE PHYSICAL HEALTH OF PRISONERS N1376

IN CONFIDENCE

MEASUREMENT AND MEDICATION SCHEDULE FOR NURSES

Nurse Number

Serial Number

D A Y  M O N T H  Y E A R
1 1 9 4
Date of interview

Name of Prison __________________________

Please assign an outcome code for measurement

Refused all measurements to interviewer ... ... ... 1
Refused all measurements to nurse ... ... ... 2
Non-contact for all measurements ... ... ... 3
No time for measurements ... ... ... 4
Refused one or more measurements (coded 1 at E on page 2) ... ... 5
Fully co-operating (completed all measurements) (coded 2 at E on page 2) ... ... 6

End of Schedule

Go to 1 on page 3

1
### SUMMARY OF OUTCOMES

#### A. Blood pressure (page 5)
- Refusal: 1
- Not attempted: 2
- Taken: 3
- Attempted but not obtained: 4

#### B. Respiratory function (page 8)
- Refusal: 1
- Not attempted: 2
- Taken: 3
- Attempted but not obtained: 4

#### C. Height (page 11)
- Refusal: 1
- Not attempted: 2
- Taken: 3

#### D. Weight (page 12)
- Refusal: 1
- Not attempted: 2
- Taken: 3

#### E. Refused one or more measurements
- (At least one of A - D coded 1): 1
  - Fully co-operating (completed all measurements)
  - (None of A - D coded 1): 2
MEDICATION

1. Are you taking or using any medicine, pills, ointments or injections?

Yes: 1 Go to 1.1
No: 2 Go to 2

1.1 Could I take down the names of the medicines, pills, ointments or injections you are using?

Record the brand names of each medicine in the boxes below.

Enter appropriate code from Card Q in the 'CODE' box.

ENTER 96 FOR ANY MEDICINES WHICH YOU CANNOT CODE

Ask (a) and ring the corresponding code.

(a) Have you taken/used (medicine, ointment etc) in the last seven days?

Ask (b) and ring the corresponding code.

(b) Were any of these (medicines, ointments etc) prescribed for you by a doctor?

<table>
<thead>
<tr>
<th>All Medicines</th>
<th>(a)</th>
<th>(b)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAND NAMES</td>
<td>CODE</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
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<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>
1.2 May we consult your treatment record for details of your medication?

<table>
<thead>
<tr>
<th>Response</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Go to 1.2.1</td>
</tr>
<tr>
<td>No</td>
<td>Go to 1.2.2</td>
</tr>
</tbody>
</table>

1.2.1 NOT KEYED

- Obtain informant's signature on the MEDICATION consent form.
- Show consent form to doctor and return to HQ.
- Don't forget to consult treatment records after the interview and fill in schedule on page 14.

1.2.2 Specify reasons for refusal.

PLEASE WRITE IN

Go to 2
BLOOD PRESSURE

2. Please assign an outcome code for blood pressure

<table>
<thead>
<tr>
<th>Outcome Code</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Blood pressure refused</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Measurement not attempted</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Measurement taken</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Measurement attempted but not obtained</td>
<td></td>
</tr>
</tbody>
</table>

- Go to 2.1
- Go to 2.2
- Go to 2.3
- Go to 2.6

2.1 Please give reasons for refusal

PLEASE WRITE IN

2.2 Please give reasons for not attempting blood pressure.

<table>
<thead>
<tr>
<th>Reason</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>No time for measurement</td>
<td>1</td>
</tr>
<tr>
<td>Informant unsteady on feet, can’t stand, can’t bound</td>
<td>2</td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
</tr>
</tbody>
</table>

- Go to 3

2.3 May I just check, have you eaten, smoked or taken exercise in the past 30 minutes?

Code all that apply

<table>
<thead>
<tr>
<th>Code</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Eaten</td>
</tr>
<tr>
<td>2</td>
<td>Smoked</td>
</tr>
<tr>
<td>3</td>
<td>Taken exercise</td>
</tr>
<tr>
<td>4</td>
<td>None of these</td>
</tr>
</tbody>
</table>

Go to 2.4
2.4 Take three measurements from right arm and record readings below:

<table>
<thead>
<tr>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRST READING SYSTOLIC (mmHg)</td>
<td>SECOND READING SYSTOLIC (mmHg)</td>
<td>THIRD READING SYSTOLIC (mmHg)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIASTOLIC (mmHg)</td>
<td>DIASTOLIC (mmHg)</td>
<td>DIASTOLIC (mmHg)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Go to 2.5

2.5 Take two pulse readings for one minute each.

<table>
<thead>
<tr>
<th>(a)</th>
<th>(b)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRST READING Beats per minute</td>
<td>SECOND READING Beats per minute</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Go to 2.6

2.6 Record any problems in taking any readings/reasons why readings not obtained.

Code all that apply

- Blood pressure obtained without problems
- Reading taken on left arm because right arm not suitable
- Informant was upset/anxious/nervous
- Enaue pulse
- Excessive movement
- Sphygmanometer was above/below eye level
- Other

Go to 2.7
<table>
<thead>
<tr>
<th>Question</th>
<th>Option 1</th>
<th>Option 2</th>
<th>Code</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.7 May we give your blood pressure readings to the prison doctor?</td>
<td>Yes</td>
<td>No</td>
<td>1</td>
<td>Go to 2.7.1</td>
</tr>
<tr>
<td>2.7.1 NOT KEYED</td>
<td>Obtain informant's signature on the blood pressure consent form.</td>
<td>X</td>
<td>Go to 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Record blood pressure readings on the blood pressure consent form.</td>
<td>X</td>
<td>Go to 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Offer to write systolic and diastolic blood pressure results onto informant's card.</td>
<td>X</td>
<td>Go to 3</td>
<td></td>
</tr>
<tr>
<td>2.7.2 Specify reasons for refusal.</td>
<td>Code all that apply</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Does not like the prison doctor</td>
<td>1</td>
<td>Go to 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Does not like signing things</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Doctor knows informant's blood pressure level</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Does not want to bother doctor</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
RESPIRATORY FUNCTION

3. Do you ever use an inhaler?

| Yes | 1 | Go to 3.1 |
| No | 2 | Go to 3.2 |

3.1 Have you used it in the last four hours?

| Yes | 1 | Go to 3.2 |
| No | 2 |

3.2 Please assign an outcome code for respiratory function

| Respiratory test refused | 1 | Go to 3.1 |
| Measurement not attempted | 2 | Go to 3.4 |
| Measurement taken | 3 | Go to 3.5 |
| Measurement attempted but not obtained | 4 | Go to 3.6 |

3.3 Please give reasons for refusal

PLEASE WRITE IN

Go to 4
3.4 Please give reasons for not attempting respiratory measurement.

<table>
<thead>
<tr>
<th>Reason</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>No time for measurement</td>
<td>1</td>
</tr>
<tr>
<td>Informant unsteady on feet, can’t stand, chair bound</td>
<td>2</td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
</tr>
</tbody>
</table>

Go to 4

3.5 Please enter details of the three respiratory readings below:

<table>
<thead>
<tr>
<th>Reading</th>
<th>Litres per minute</th>
<th>Litres per minute</th>
<th>Litres per minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(c)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Go to 3.6

3.6 Record any problems in taking readings/reasons why readings not obtained.

Code all that apply

<table>
<thead>
<tr>
<th>Problem</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory measurements obtained without problems</td>
<td>1</td>
</tr>
<tr>
<td>Informant was upset/anxious/nervous</td>
<td>2</td>
</tr>
<tr>
<td>Informant had difficulty using peak flow meter</td>
<td>3</td>
</tr>
<tr>
<td>Informant had breathing difficulties</td>
<td>4</td>
</tr>
<tr>
<td>Informant had recent asthma attack</td>
<td>5</td>
</tr>
<tr>
<td>Informant had heavy cold</td>
<td>6</td>
</tr>
<tr>
<td>Other</td>
<td>7</td>
</tr>
</tbody>
</table>

Go to 3.7
### 3.7 May we give your respiratory measurements to the prison doctor?

<table>
<thead>
<tr>
<th>Response</th>
<th>Code</th>
<th>Go to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>1</td>
<td>3.7.1</td>
</tr>
<tr>
<td>No</td>
<td>2</td>
<td>3.7.2</td>
</tr>
</tbody>
</table>

#### 3.7.1 NOT KEYED

*Obtain informant's signature on the respiratory measurement consent form.*

<table>
<thead>
<tr>
<th>Response</th>
<th>Go to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obtain informant's signature on the respiratory measurement consent form.</td>
<td></td>
</tr>
<tr>
<td>Record respiratory measurements on the consent form.</td>
<td></td>
</tr>
<tr>
<td>Offer to write the respiratory measurements onto informant's card.</td>
<td></td>
</tr>
</tbody>
</table>

#### 3.7.2 Specify reasons for refusal.

**Code all that apply**

- Does not like the prison doctor: 1
- Does not like signing things: 2
- Doctor knows informant's respiratory measurements: 3
- Does not want to bother doctor: 4
- Other: 5

---

**NOT KEYED - DNA, reading not obtained (Q3 2, coded 4 on page 8)**

---

10
HEIGHT

4. Please assign an outcome code for height

<table>
<thead>
<tr>
<th>Height refused</th>
<th>Measurement not attempted</th>
<th>Measurement taken</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Go to 4.1</td>
<td>Go to 4.2</td>
<td>Go to 4.3</td>
</tr>
</tbody>
</table>

4.1 Please give reasons for refusal

PLEASE WRITE IN

4.2 Please give reasons for not attempting height

<table>
<thead>
<tr>
<th>No time for measurement</th>
<th>Informant unsteady on feet, can’t stand, cha@bound</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Go to 5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4.3 PERSONAL HEIGHT

Please enter height in CENTIMETRES

4.4 Record for height measurement

<table>
<thead>
<tr>
<th>A reliable height measure obtained</th>
<th>Problems were experienced during the height measurement but the result is likely to be reliable</th>
<th>Problems were experienced during the height measurement which are likely to cause the result to be unreliable</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Go to 5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
WEIGHT

5. Please assign an outcome code for weight

<table>
<thead>
<tr>
<th>Weight refused</th>
<th>Measurement not attempted</th>
<th>Measurement taken</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>General Code</td>
</tr>
</tbody>
</table>

5.1 Please give reasons for refusal

PLEASE WRITE IN

Go to 6

5.2 Please give reasons for not attempting weight

<table>
<thead>
<tr>
<th>Reason</th>
<th>General Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>No time for measurement</td>
<td>1</td>
</tr>
<tr>
<td>Informant unsteady on feet, can't stand, chair bound</td>
<td>2</td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
</tr>
</tbody>
</table>

Go to 6

5.3 What did you weigh before you came into prison?

Please enter weight in KILOGRAMS

Enter 24 for don't know

Go to 5.4

5.4 Have you lost or put on any weight since you came into prison?

<table>
<thead>
<tr>
<th>Reason</th>
<th>General Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lost weight</td>
<td>1</td>
</tr>
<tr>
<td>Put on weight</td>
<td>2</td>
</tr>
<tr>
<td>Neither</td>
<td>3</td>
</tr>
<tr>
<td>Don’t know</td>
<td>4</td>
</tr>
</tbody>
</table>

Go to 5.5
5.5 PERSONAL WEIGHT

Please enter weight in KILOGRAMS

If subject too heavy for scales, enter estimate

<table>
<thead>
<tr>
<th>5.6 Were the scales placed on...</th>
</tr>
</thead>
<tbody>
<tr>
<td>an uneven floor?</td>
</tr>
<tr>
<td>a carpet?</td>
</tr>
<tr>
<td>neither of these?</td>
</tr>
</tbody>
</table>

Go to 5.6

<table>
<thead>
<tr>
<th>5.7 Record for weight measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>A reliable weight measure obtained</td>
</tr>
<tr>
<td>Problems were experienced during the weight measurement but the result is likely to be reliable</td>
</tr>
<tr>
<td>Problems were experienced during the weight measurement which are likely to cause the result to be unreliable</td>
</tr>
</tbody>
</table>

Go to 6

13
PRESCRIBED MEDICATION

6. Please assign an outcome code for medication

- Informant is not taking any medication (Q1, coded 2 on page 3) 1
- Consent for consulting treatment record refused (Q1 2, coded 2 on page 4) 2
- Informant gave consent, but no time to consult treatment record 3
- Treatment record not found 4
- Treatment record consulted, but details not found/no prescribed medication 5
- Treatment record consulted, and details of medication collected 6

6.1 Consult treatment record and enter the brand names of each medicine in the boxes below.

Enter appropriate code from Card Q in the ‘CODE’ box.

ENTER 96 FOR ANY MEDICINES WHICH YOU CANNOT CODE

Check (a) and ring the corresponding code

(a) Are any of these (medicines, ointments etc) PRN medications?

(b) Are any of these (medicines, ointments etc) ‘in possession’?

(c) If ‘Yes’ at (b), please record whether monthly (M), weekly (W) or daily (D)

<table>
<thead>
<tr>
<th>All Medicines</th>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAND NAMES</td>
<td>CODE</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

When you have completed the schedule, please hand it to the interviewer.
SURVEY OF THE PHYSICAL HEALTH OF PRISONERS
The face-to-face interview

All respondents

Age     First of all, I'd like to ask you a few questions about yourself.

How old are you?

PrisStay  (May I just check) how long have you been in prison for this current offence?

INCLUDE TIME SPENT ON REMAND, IF CONTINUOUS WITH TIME AFTER SENTENCING INCLUDE TIME SPENT IN OTHER PRISONS, IF FOR THE SAME OFFENCE

Less than two weeks................................. 1
Two weeks, less than 4 weeks..................... 2
Four weeks, less than 3 months............... 3
Three months but less than 12 month......... 4
12 months but less than 2 years............. 5
2-3 years........................................... 6
3-5 years......................................... 7
Five years or more................................ 8

HEALTH

All respondents

GenHlth  Now I would like to ask you some questions about your health.

How is your health in general? Would you say it was...

very good........................................ 1
good............................................ 2
fair............................................... 3
bad............................................... 4
or very bad?................................. 5

Illness Do you have any long-standing illness, disability or infirmity? By long-standing I mean anything that has troubled you over a period of time or that is likely to affect you over a period of time?

Yes................................................ 1
No............................................. 2

If 'Yes' at Illness

LMatter  What is the matter with you?

LimitAct  Does this illness or disability (Do any of these illnesses or disabilities) limit your activities in any way?

Yes................................................ 1
No............................................. 2

IllNum  How many longstanding illnesses does the informant have?

All respondents
CutDown: Now I'd like you to think about the 2 weeks ending yesterday. During those two weeks, did you have to cut down on any of the things you usually do (at work in the prison, during exercise periods or at any other time) because of (LMatter or some other) illness or injury?

Yes................................................. 1
No................................................ 2

DOCTOR CONSULTATIONS

All respondents

DocTalk: During the 2 weeks ending yesterday, apart from any visit to a hospital, did you talk to a doctor for any reason at all?
EXCLUDE CHECK-UP ON ENTERING PRISON

Yes................................................. 1
No................................................ 2

If 'Yes' to DocTalk

NChats: How many times did you talk to a doctor in these 2 weeks?
(The next questions were asked about each consultation).

PriDoc: Was the doctor...
RUNNING PROMPT

the prison doctor............................................1
an NHS doctor who came to the prison...........2
or some other kind of doctor?.........................3

DocWhy: What was your reason for seeing the doctor on this occasion?

Generally feeling unwell.............................. ............. 1
Specific complaint.................................................... 2
For regular treatment, medication or injection.......... 3
To avoid work.......................................................... 4
Other....................................................................... 5

Presc: Did the doctor prescribe or give you any medicine, ointments or injections?

Yes ............................................... 1
No ................................................ 2

All respondents

DocNo: During the 2 weeks ending yesterday, were there any occasions when you wanted to talk to the doctor, but were not able to?

Yes................................................ 1
No.................................................. 2

If 'Yes' at DocNo

NumRefus: On how many days during the 2 weeks ending yesterday were you not able to see a doctor?
This question was asked about each occasion

DocWhy2  What was your reason for wanting to see a doctor on this occasion?

- Generally feeling unwell.............................. 1
- Specific complaint........................................ 2
- For regular treatment, medication or injection..... 3
- To avoid work.............................................. 4
- Other.......................................................... 5

ACCIDENTS

All respondents

Accident  In the last 3 months, that is April, May, or June did you have any kind of accident or injury (including an injury resulting from a fight or assault) as a result of which you saw a doctor or went to a hospital?

INCLUDE ANY ACCIDENTS BEFORE ENTERING PRISON

- Yes.................................................. 1
- No.................................................... 2

If 'Yes' at Accident

AccType  What was the accident?

ASK ABOUT THE MOST RECENT ACCIDENT

AccHow  How did the accident happen?

- During sport or exercise............................... 1
- At work.................................................. 2
- During a fight or assault.............................. 3
- Fell, tripped, walked into something................ 4
- Self-harm, self-inflicted (inc suicide attempt).... 5
- Other.................................................... 6

AccDoc  As a result of the accident, did you...

- see a doctor, including the prison doctor.......... 1
- go to a hospital......................................... 2
- or both?............................................... 3
- None of these.......................................... 4

If 'Hospital' or 'Both' at AccDoc

WhchHosp  Was this an NHS hospital or the prison health care centre?

- NHS hospital.......................................... 1
- Prison health care centre.......................... 2
- Both..................................................... 3

If 'NHS' or 'Both' at WhchHosp

NHS  Stay Did you stay in the NHS hospital overnight or longer?
Yes..............................................1
No...............................................2

If 'Prison health care centre' or 'Both' at Which Hosp

PrisHosp Did you stay in the prison health care centre overnight or longer?

Yes..............................................1
No...............................................2

If 'Yes' at Accident

AccDis Has the accident left you with any lasting injury or disability?

Yes........................................................................... 1
No.............................................................................. 2
Does not apply, accident was too recent to know....... 3

USE OF PRISON HEALTH CARE CENTRE

All respondents

HlthCent During the months of April, May, and June did you stay overnight in the prison health care centre (either for your accident or for any other reason)?

Yes................................................................. 1
No........................................................................ 2
DNA, not in prison during April, May and June....... 3

If 'Yes' at HlthCent

NightsHc How many nights altogether did you spend in the health care centre during the months of April, May and June?

USE OF NHS HOSPITAL SERVICES

All respondents

OutPatnt During the months of April, May, and June did you attend as a patient the casualty or outpatient department of a hospital outside the prison?

INCLUDE ANY ATTENDANCES BEFORE ENTERING PRISON

Yes............................................. 1
No............................................. 2

If 'Yes' at OutPatnt and 'Hospital' or 'Both' at AccDoc

AccPatnt Did you attend as an outpatient...

because of the accident you mentioned earlier........... 1
or for some other reason?.......................................... 2
Attended both for accident and on other occasion...... 3

All respondents

DocVisit During the months of April, May, and June has an NHS doctor been to the prison to see you as an outpatient?
DayPatnt  During the last year, that is, since July, (today's date) 1993, have you been in a hospital outside the prison for treatment as a day patient, ie admitted to a hospital bed or day ward, but not required to remain overnight?

INCLUDE ANY ATTENDANCES BEFORE ENTERING PRISON

Yes.............................................1
No.............................................2

InPatnt  During the last year, that is, since July, (today's date) 1993, have you been in a hospital outside the prison as an inpatient, overnight or longer?

INCLUDE ANY STAYS BEFORE ENTERING PRISON

Yes.............................................1
No.............................................2

If 'Yes' at InPatnt and 'Yes' at NHSStay

AccStay  Did you stay in hospital overnight...

because of the accident you mentioned earlier.......... 1
or was it for some other reason?............................ 2
Attended both for accident and on other occasion..... 3

If 'Yes' at InPatnt

NStays  How many separate stays in hospital as an inpatient have you had since July 1993?
If 'Both' at AccStay

SepStays  How many of these stays were because of your accident?

All respondents

ChckList  In the last year, that is since (date 1 year ago) have you had any of the conditions listed on the card?
SHOW CARD A

Yes.............................................1
No.............................................2

If 'Yes' at ChckList

Cndtions  Which of the conditions have you had?
CODE ALL THAT APPLY
Skin diseases........................................... 1
Respiratory conditions, excluding asthma............... 2
Asthma.................................................. 3
Allergies............................................. 4
High blood pressure.................................... 5
Fits or epilepsy....................................... 6
Sexually transmitted disease........................... 7
Diabetes............................................. 8
HIV positive............................................................. 9

All respondents

DocEmot In the past 12 months, have you spoken to a doctor (either the prison doctor or your
GP or family doctor) about being
anxious or depressed or about a mental, nervous or emotional problem?

Yes.................................1
No........................................2

If 'Yes' at DocEmot

EmotWhy What was the matter with you?

OBTAIN A MEDICAL DIAGNOSIS IF POSSIBLE, OR RECORD MAIN
SYMPTOMS

GLASSES

All respondents

Glasses Do you ever wear glasses or contact lenses?

Yes............................................1
No.............................................2

SghtTest Have you ever had your sight tested by an optician in the last year, that is
since...(TODAY’S DATE) 1993?

EXCLUDE TESTS BY GPS AND HOSPITAL DOCTORS AND THOSE DONE
ABROAD

Yes............................................1
No.............................................2

SeeRoad Do you ever have difficulty recognising a friend across the exercise yard, the dining
room (or across the road) (even if
glasses or contact lenses are worn)

Yes............................................1
No.............................................2

ReadDiff Do you ever have difficulty reading ordinary newspaper print (even if glasses or
contact lenses are worn)

Yes............................................1
No.............................................2

HEARING

All respondents

HearDiff Do you ever have any difficulty with your hearing?

Yes............................................1
No.............................................2

DENTAL HEALTH

All respondents
Teeth

Can I just check:

have you still got some of your natural teeth........... 1
or have you lost them all?................................. 2

If 'Yes' at Teeth

PrisDent

Since you have been in prison, have you seen a dentist, either for a check-up or for treatment?

Yes............................................ 1
No............................................. 2

If 'Yes' at PrisDent

DntstWhn

Since you have been in prison, have you generally been to the dentist for a regular
check-up, an occasional check-up, or only when you were having trouble with your teeth?

Regular check-up......................................... 1
Occasional check-up.................................... 2
Only when having trouble........................... 3
Never went to the dentist......................... 4

Respondents who have been in prison for less than two years

DntstBef

Before you came into prison, did you go to the dentist for a regular check-up, an occasional check-up, or only
when you were having trouble with your teeth?

Regular check-up......................................... 1
Occasional check-up.................................... 2
Only when having trouble........................... 3
Never went to the dentist......................... 4

DntstCh

On the whole, would you say that you go to the dentist...

RUNNING PROMPT

more often................................................................. 1
about as often........................................................... 2
or less often than you did before you came into prison?........... 3

If 'Yes' at Teeth

DntstNo

Since you came into prison, have there been any occasions when you wanted to see a
dentist and not been able to?

Yes................................................................. 1
No............................................................... 2
Spontaneous, would not want to see prison dentist... 3

ACTIVITY AND EXERCISE

Respondents in prison for four weeks or more

ExerIntr

I’d like to ask about some of the things you have done, either during exercise
periods, at work, or at any other
time, that involve physical activity in the past four weeks, that is from... up to
yesterday.
Work    (May I just check) have you done any work in (this or in any other) prison in the last four weeks?

Yes......................................................... 1
No, including no job available................... 2
Only just arrived.................................... 3

If 'Yes' at Work

PrisJob    What type of job do you do?

Cleaner.................................................... 1
Gardener................................................... 2
Kitchen/serving....................................... 3
Workshop.................................................. 4
Laundry...................................................... 5
Painter/decorator.................................... 6
Woodwork/engineering.............................. 7
Farmwork................................................... 8
Library work............................................. 9
Bookkeeping............................................. 10
Full-time student..................................... 11
Odd jobs.................................................. 12
Other...................................................... 13

Active   Thinking about your job in general would you say that you are...

very physically active.............................. 1
fairly physically active............................ 2
not very physically active......................... 3
or not at all physically active in your job.... 4

Respondents in prison for four weeks or more

WalkPre   I'd like you to think about all the walking you have done in the past 4 weeks either in the prison, including in your cell, in the prison grounds or outside.

WalkB     Have you done any walks of a quarter of a mile or more in the past 4 weeks? That would usually be continuous walking lasting 5 to 10 minutes.

INCLUDE WALKING IN CELL

Yes......................................................... 1
No......................................................... 2
Nowhere to walk...................................... 3
Can't walk at all..................................... 4

If 'Yes' at WalkB

MileWlkB   Did you do any walks of 1 mile or more in the past 4 weeks? That would usually be continuous walking for at least 20 minutes.

INCLUDE WALKING IN CELL
Yes.............................................1
No..............................................2

If 'Yes' at MileWalkB

MileNumB 
During the past 4 weeks, how many times did you do any walks of 1 mile or more?

WalkPace 
Which of the following best describes your usual walking pace?

RUNNING PROMPT

a slow pace.................................................. 1
a steady average pace.................................. 2
a fairly brisk pace........................................ 3
or a fast pace - at least 4mph?..................... 4

Respondents in prison for four weeks or more

Facility 
Now I would like you to think about the sports and exercise facilities available to you. Please look at this card and tell me which facilities are available for your use, whether you use them or not, either in the prison or elsewhere.

SHOW CARD B

CODE ALL THAT APPLY

Circuit training......................................................... 1
Exercise bike............................................................ 2
Exercises (press ups, sit ups etc)............................... 3
Keep fit, aerobics, gymnastics................................. 4
Weight training........................................................ 5
Swimming................................................................ 6
Running/jogging....................................................... 7
Football/rugby........................................................... 8
Cricket...................................................................... 9
Badminton/tennis, basketball, volleyball....................10
Squash.................................................................... 11
Other sports and exercise.......................................... 12
None of these............................................................ 13

ActAny 
Can you tell me if you have done any of the activities on this card during the past 4 weeks?

SHOW CARD B

Yes.....................................................1
No.....................................................2

If 'Yes' at ActAny

WhichAct 
Which of the activities did you do?

CODE ALL THAT APPLY

Circuit training...............................................1
Exercise bike.................................................... 2
Exercises (press ups, sit ups etc)......................... 3
Keep fit, aerobics, gymnastics.............4
Weight training..................................5
Swimming.........................................6
Running/jogging.................................7
Football/rugby....................................8
Cricket...............................................9
Badminton/tennis, basketball, volleyball.....10
Squash................................................11
Other sports and exercise.....................12
None of these....................................13

The following questions were asked about any activities which were coded in the previous question

Occ Can you tell me on how many separate occasions did you (name of activity) during the past 4 weeks?

TimeAct How much time did you usually spend (name of activity) on each occasion?

Effort During the past 4 weeks was the effort of (name of activity) usually enough to make you out of breath or sweaty?

Respondents in prison for four weeks or more

ActChce Thinking about the sports and exercise facilities available to you in prison, would you like...

RUNNING PROMPT
to be able to take part in more exercise, sport and physical activities.............. 1
or are you able to take part in as many as you want...................................... 2
or don't you know......................................................................................... 3
SPONTANEOUS: Would you like to do less................................................... 4
DNA, not able to take part at the moment..................................................... 5

Respondents in prison for 4 weeks, less than two years

ActBef During the 12 months before you came into prison, would you describe yourself as...

RUNNING PROMPT
very physically active.............................1
fairly physically active...........................2
not very physically active.......................3
or not at all physically active?....................4

ActComp On the whole would you say that you are...

RUNNING PROMPT
more active.........................................1
about as active....................................2
or less active than you were before you came into prison?............................3
SMOKING

All respondents

SmokIntr The following questions are about smoking
CigEver Have you ever smoked a cigarette?

Yes.............................................1
No..............................................2

If 'Yes' at CigEver

CigNow Do you smoke cigarettes at all nowadays?

Yes.............................................1
No..............................................2

If 'Yes' at CigNow

QtyDay About how many cigarettes A DAY do you usually smoke?
CigType Do you mainly smoke hand-rolled cigarettes?

Yes.............................................1
No..............................................2

If 'Yes' at CigType

QtyTob How much tobacco do you usually use PER WEEK?
Enter No. OF QUARTER OUNCES PER WEEK

If 'Yes' at CigNow and in prison for less than two years

CigBefor Did you smoke cigarettes in the 12 months before you came into prison?

Yes.............................................1
No..............................................2

If 'Yes' at CigBefor

CigSame Would you say that you smoked
RUNNING PROMPT
more.......................................................... 1
about the same............................................ 2
or fewer cigarettes than you did
before you came into prison?.......................... 3

If 'No' at CigNow

CigReg Did you smoke cigarettes.
RUNNING PROMPT
regularly, that is at least one cigarette a day.....1
or did you smoke them only occasionally?........2
Never really smoked cigarettes, just tried
them once or twice........................................3

If 'SMOKED REGULARLY' at CigReg

CigUsed    About how many cigarettes did you smoke IN A DAY when you smoked them
regularly?

CigStop     How long ago did you stop smoking cigarettes regularly?

Less than 6 months ago..............................1
6 months but less than a year ago..............2
1 year but less than 2 years ago...............3
2 years but less than 5 years ago..............4
5 years but less than 10 years ago.........5
10 years or more ago..............................6

If 'Yes' at CigEver

CigAge      How old were you when you started to smoke cigarettes regularly?

DRINKING

All respondents

DrnkIntr    I am now going to ask you some questions about what you used to drink before you
came into prison - that is if
you did drink.

DrinkNow    In the 12 months before you came into prison, did you ever drink alcohol, including
drinks you brewed or made at
home?

Yes....................1
No....................2

If 'No' at DrinkNow

DrinkAny    Could I just check, does that mean you never had an alcoholic drink, or did you
have an alcoholic drink very occasionally, perhaps for medicinal purposes or on
special occasions like Christmas or New Year?

Very occasionally.........................1
Never.................................2

If 'NEVER at DrinkAny

TeeTotal    Had you always been a non-drinker, or did you stop drinking for some reason?

Always a non-drinker.....................1
Used to drink but stopped..................2
If 'Yes' at DrinkNow and in prison for less than two years

**DrinkAmt**  
I'm going to read out a few descriptions about the amounts of alcohol people drink, and I'd like you to say which one fitted you best. In the 12 months before you came into prison would you say you:

- hardly drank at all........................................1
- drank a little........................................2
- drank a moderate amount...............................3
- drank quite a lot........................................4
- or drank heavily.........................................5

**DrType**  
What type of alcohol did you drink most frequently?

**CODE ONE ONLY WHENEVER POSSIBLE**  
**CODE TWO WHEN INFORMANT SAYS HE DRANK TWO TYPES EQUALLY**  
**FREQUENTLY EXCLUDE NON-ALCOHOLIC AND LOW ALCOHOL DRINKS**

- Shandy................................................1
- Beer, lager, cider, stout.........................2
- Spirits, liqueurs..................................3
- Sherry, fortified wine.........................4
- Wine..................................................5
- Other.................................................6
- Refused, rarely drank.........................7

If 'SHANDY' at DrType

**Shandy**  
In the 12 months before you came into prison, how often did you have a drink of shandy?

- Almost every day...............................1
- 5 or 6 days a week..............................2
- 3 or 4 days a week..............................3
- once or twice a week............................4
- once or twice a month.........................5
- once every couple of months..................6
- once or twice a year.........................7
- not at all in the twelve months before coming into prison.........................8

**ShandyAm**  
How much shandy did you usually drink on any one day?

**RECORD ANSWER IN HALF PINTS**

If 'BEER' at DrType

**Beer**  
In the 12 months before you came into prison, how often did you have a drink of beer/ lager/ stout/ cider?

- Almost every day...............................1
- 5 or 6 days a week..............................2
- 3 or 4 days a week..............................3
- once or twice a week............................4
- once or twice a month.........................5
- once every couple of months..................6
BeerAm How much beer/lager/stout/cider did you usually drink on any one day?
RECORD ANSWER IN HALF PINTS

If 'SPIRITS' at DrType

Spirits In the 12 months before you came into prison, how often did you have a drink of gin/whisky/rum/brandy/vodka/advocaat?

Almost every day.........................1
5 or 6 days a week..........................2
3 or 4 days a week.........................3
once or twice a week........................4
once or twice a month......................5
once every couple of months...............6
once or twice a year........................7
not at all in the twelve months before coming into prison..............................8

SpiritAm How much gin/whisky/rum/brandy/vodka/advocaat did you usually drink on any one day?
CHECK SIZE OF GLASS/BOTTLE AND RECORD ANSWER IN SINGLES.

If 'SHERRY' at DrType

Sherry In the 12 months before you came into prison, how often did you have a drink of sherry/port/vermouth/cinzano/dubonnet?

Almost every day.........................1
5 or 6 days a week..........................2
3 or 4 days a week..........................3
once or twice a week........................4
once or twice a month......................5
once every couple of months...............6
once or twice a year........................7
not at all in the twelve months before coming into prison..............................8

SherryAm How much sherry/port/vermouth/cinzano/dubonnet did you usually drink on any one day?
RECORD ANSWER IN GLASSES

If 'WINE' at DrType

Wine In the 12 months before you came into prison, how often did you have a drink of wine/babycham/champagne?

Almost every day..........................1
5 or 6 days a week..........................2
3 or 4 days a week..........................3
once or twice a week........................4
once or twice a month........................5
once every couple of months..............6
once or twice a year...........................7
not at all in the twelve months
before coming
into prison........................................8

WineAm How much wine/babycham/champagne did you usually drink on any one day?
RECORD ANSWER IN GLASSES

If 'OTHER' at DrType

Other In the 12 months before you came into prison, how often did you have a drink of other?

Almost every day............................1
5 or 6 days a week.........................2
3 or 4 days a week...........................3
once or twice a week.......................4
once or twice a month.....................5
once every couple of months............6
once or twice a year.......................7
not at all in the twelve months
before coming
into prison........................................8

OtherAm How much (other) did you usually drink on any one day?
RECORD ANSWER IN GLASSES

If 'Yes' at Drinknow and in prison for less than two years

DrOften Now I would like you to think about alcoholic drinks of all kinds. In the 12 months
before you came into prison, how often did you have an alcoholic drink of any kind?

Almost every day............................1
5 or 6 days a week.........................2
3 or 4 days a week...........................3
once or twice a week.......................4
once or twice a month.....................5
once every couple of months............6
once or twice a year.......................7
not at all in the twelve months
before coming
into prison........................................8

All respondents, except those who have always been teetotal

DrAdTT Has a medical person (eg. a doctor or nurse) ever advised you to stop drinking
alcohol because of your health?

Yes................................................1
No................................................2

DrTreat Have you ever sought treatment for drink-related health problems?

INCLUDE DETOXIFICATION OR DRYING OUT

Yes................................................1
No................................................2
DRUG USE

All respondents

DrugIntr    The following questions are about drugs.

DrugTake    In the 12 months before you came into prison, did you ever take any of the drugs on this card?
            SHOW CARD C

            Yes.............................................1
            No...........................................2
            Don't want to answer...............3

            If 'Yes' at DrugTake

            WhchDrug    Which drugs did you take?

            CODE ALL THAT APPLY

            Cannabis.......................................1
            Amphetamines..............................2
            LSD or acid................................3
            Ecstasy.......................................4
            Cocaine or coke............................5
            Tranqilisers..............................6
            Heroin.......................................7
            Magic mushrooms........................8
            Crack or rock..............................9
            Methadone..................................10
            Poppers, amyl nitrites.................11
            Glues or solvents.........................12
            Anabolic steroids.......................13
            Other drugs................................14

            DrgAge    How old were you when you first used one of the drugs on the card?

            DrgTreat    Have you ever sought help or treatment from a medical person (eg. a doctor or nurse) for drug-related health problems?

            INCLUDE DETOXIFICATION OR WITHDRAWAL PROGRAMMES

            Yes.............................................1
            No............................................2
            Don't want to answer.................3

            If 'Yes' at DrgTreat

            PrisTrt Was this before or since you came into prison?
Did you receive any help or treatment?

Yes.................................1
No.................................2

If 'Yes' at DrgTreat

Have you ever sought help or treatment from any other professional, such as a counsellor, drug worker, or outreach worker, for drug-related health problems?

INCLUDE DETOXIFICATION OR WITHDRAWAL PROGRAMMES

Yes.................................1
No.................................2
Don't want to answer...........3

If 'Yes' at DrgTrt2

Was this before or since you came into prison?

before.................................1
since.................................2
both..................................3

Did you receive any help or treatment?

Yes.................................1
No.................................2

DIET

All respondents

Now I would like to ask you about your diet and about some of the foods you eat in prison.

On the whole, would you say that in prison you...

RUNNING PROMPT

get quite a lot............................1
some......................................2
or no choice at all of food to eat?.......3

What kind of bread do you usually eat? Is it ..
CODE ONE ONLY
RUNNING PROMPT

white.........................................................1
brown, granary, wheatmeal.......................2
wholemeal................................................3
If brown check if wholemeal or some
other sort of bread
or some other type of bread?.....................4
Spontaneous
does not have usual type......................5
don't know.................................................6
does not eat any type of bread.............7

Milk
What kind of milk do you usually use for drinks, in tea, coffee and on cereals etc? Is it
whole, semi-skimmed, skimmed milk.....1
powdered milk........................................2
soya milk..............................................3
evaporated, carnation milk...............4
or some other kind of milk.................5
Spontaneous
don't know.............................................6
does not drink milk..............................7

Sugar
Do you usually have sugar in your tea?
Yes.............................................1
No..............................................2
Does not drink tea.............................3

Coffee
Do you usually have sugar in your coffee?
Yes.............................................1
No..............................................2
Does not drink coffee......................3

TabSalt
At meal times do you...
RUNNING PROMPT
generally add salt to your food without tasting it first......... 1
taste the food, but then generally add salt....................... 2
taste the food, but only occasionally add salt.................. 3
rarely, or never, add salt at mealtimes?.........................4

Cereal
What type of breakfast cereal do you usually eat?
High fibre (eg. Porridge, All Bran, Branflakes,
Shredded Wheat, Muesli, Weetabix).........1
Other (eg. Cornflakes, Rice Krispies, Special K, Sugar Puffs, Honey Smacks)........2
Spontaneous does not have usual type.................................3
does not eat breakfast cereal..............................4

DietIntr I would like to ask you about some foods which you may eat. Can you tell me how often on average you eat each of these foods.
SHOW CARD D
Biscuits How often do you eat biscuits?
More than once a day.................1
Once every day........................2
5-6 days a week........................3
3-4 days a week.........................4
1-2 days a week........................5
At least once a month...............6
Less often than once a month.......7
Rarely or never.....................8
Sweets How often do you eat sweets?
More than once a day.................1
Once every day........................2
5-6 days a week........................3
3-4 days a week.........................4
1-2 days a week........................5
At least once a month...............6
Less often than once a month.......7
Rarely or never.....................8
Cakes How often do you eat cakes?
More than once a day.................1
Once every day........................2
5-6 days a week........................3
3-4 days a week.........................4
1-2 days a week........................5
At least once a month...............6
Less often than once a month.......7
Rarely or never.....................8
Fruit How often do you eat fruit?
More than once a day.................1
Once every day........................2
5-6 days a week........................3
3-4 days a week.........................4
1-2 days a week........................5
At least once a month...............6
Less often than once a month.......7
Rarely or never.....................8
Vegetables How often do you eat vegetables or salad?
More than once a day.................1
Once every day........................2
Chips

How often do you eat chips?

More than once a day..................1
Once every day............................2
5-6 days a week.........................3
3-4 days a week..........................4
1-2 days a week..........................5
At least once a month..................6
Less often than once a month.........7
Rarely or never.........................8

Rolls

How often do you eat bread or rolls?

More than once a day..................1
Once every day............................2
5-6 days a week.........................3
3-4 days a week..........................4
1-2 days a week..........................5
At least once a month..................6
Less often than once a month.........7
Rarely or never.........................8

Beans

How often do you eat beans, lentils, chick peas or any other pulses?

More than once a day..................1
Once every day............................2
5-6 days a week.........................3
3-4 days a week..........................4
1-2 days a week..........................5
At least once a month..................6
Less often than once a month.........7
Rarely or never.........................8

Respondents who have been in prison for less than two years

DietBef

On the whole, would you say that you...

eat the same kinds of food as you did
before you came into prison................1
or do you eat different kinds?..............2

If 'DIFFERENT' at DietBef

DietChge

Thinking about the differences between the food you eat now and the food you ate
before you came into prison, can you tell me whether you agree or disagree with the
following statements.

NotEnuf

I don't get enough to eat, the portions are too small.

Agree.................................1
Disagree.......................................2
Don't know/depends.............3

LessFat    I eat less fatty food and fried food.
Agree........................................1
Disagree......................................2
Don't know/depends................3

LessChce    There is less variety and less choice of food.
Agree........................................1
Disagree......................................2
Don't know/depends................3

BadCook    The food here is badly cooked.
Agree........................................1
Disagree......................................2
Don't know/depends................3

EatMore    I eat more food, I eat more regular meals.
Agree........................................1
Disagree......................................2
Don't know/depends................3

TooFat    There is too much fatty and fried food.
Agree.......................................1
Disagree.......................................2
Don't know/depends....................3

LessMeat    I eat less meat.
Agree........................................1
Disagree.......................................2
Don't know/depends....................3

LessVeg    I eat less fruit, vegetables, and salad.
Agree........................................1
Disagree.......................................2
Don't know/depends....................3

FastFood    I used to eat more fast food and takeaways.
Agree........................................1
Disagree.......................................2
Don't know/depends....................3

FAMILY AND LIVING CIRCUMSTANCES

All respondents
MarBefor  

Now I would like to ask you some questions about yourself before you came into prison.

Just before you came into prison for this offence, were you

married.............................................1
living as married with a girlfriend
or partner..........................................2
single/never been married.....................3
widowed............................................4
divorced............................................5
or separated?.....................................6

MarStill  

(May I just check), at the moment do you still consider yourself to be
(answer from MarBefor)

Yes.............................................1
No..............................................2

If 'No' at MarStill  

MarNow  

Do you now consider yourself to be...

married............................................. 1
living as married with a girlfriend
or partner.......................................... 2
single/never been married..................... 3
widowed............................................ 4
divorced............................................ 5
or separated?..................................... 6

All respondents

Children  

At the time you were imprisoned for this offence did you have any children
(including step-children) under the age of 18?

Yes.............................................1
No..............................................2

If 'Yes' at Children

NumChild  

How many children or step-children do you have who were under the age of 18 at the time you came into prison?
(Include foster children)

All respondents

Living  

Just before you came into prison were you living with your parents, parents-in-law, or other adult relations?

Yes.............................................1
No..............................................2
If 'No' at Living

<table>
<thead>
<tr>
<th>Tenure</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Were you living...</td>
<td></td>
</tr>
<tr>
<td>CODE FIRST THAT APPLIES</td>
<td></td>
</tr>
<tr>
<td>In accommodation that you (or your partner) owned or were buying</td>
<td>1</td>
</tr>
<tr>
<td>in self-contained accommodation that you (or your partner) rented</td>
<td>2</td>
</tr>
<tr>
<td>in a bedsit or rooms with shared amenities</td>
<td>3</td>
</tr>
<tr>
<td>in a hostel or other temporary accommodation</td>
<td>4</td>
</tr>
<tr>
<td>on the streets</td>
<td>5</td>
</tr>
<tr>
<td>or had you just arrived in this country</td>
<td>6</td>
</tr>
<tr>
<td>other</td>
<td>7</td>
</tr>
</tbody>
</table>

If living in hostel, on the streets or other

<table>
<thead>
<tr>
<th>XTenure</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>How long had you been living in a hostel or other temporary accommodation/ on the streets/ other just before you came into prison?</td>
<td></td>
</tr>
<tr>
<td>Less than 6 months</td>
<td>1</td>
</tr>
<tr>
<td>6 months but less than 12 months</td>
<td>2</td>
</tr>
<tr>
<td>12 months but less than 2 years</td>
<td>3</td>
</tr>
<tr>
<td>2 years or more</td>
<td>4</td>
</tr>
<tr>
<td>Can't remember</td>
<td>5</td>
</tr>
</tbody>
</table>

EMPLOYMENT

All respondents

<table>
<thead>
<tr>
<th>JobBefor</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Just before you came into prison, did you have any kind of paid work?</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>No</td>
<td>2</td>
</tr>
</tbody>
</table>

If 'No' at JobBefor

<table>
<thead>
<tr>
<th>Activity</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Just before you came into prison, were you: CODE FIRST THAT APPLIES</td>
<td></td>
</tr>
<tr>
<td>waiting to take up a job you had already obtained?</td>
<td>1</td>
</tr>
<tr>
<td>looking for work?</td>
<td>2</td>
</tr>
<tr>
<td>intending to look for work, but prevented by temporary sickness or accident?</td>
<td>3</td>
</tr>
<tr>
<td>going to school or college full-time?</td>
<td>4</td>
</tr>
<tr>
<td>permanently unable to work because of long term sickness or disability?</td>
<td>5</td>
</tr>
<tr>
<td>retired?</td>
<td>6</td>
</tr>
<tr>
<td>living off crime?</td>
<td>7</td>
</tr>
<tr>
<td>visiting this country?</td>
<td>8</td>
</tr>
<tr>
<td>or other?</td>
<td>9</td>
</tr>
</tbody>
</table>
If not working before imprisonment or not retired

**Everwork**
(Apart from the job you were waiting to take up) have you ever been in paid employment?

Yes.............................................1
No..............................................2

If 'Waiting' at Activity and 'No' at Everwork

**JobIntr1**
I would now like to ask you some questions about the job you were waiting to take up before you came into prison.

If 'Retired' at Activity

**JobIntr2**
I would now like to ask you some questions about your main job before you retired

If 'Yes' at JobBefor OR 'Yes' at Everwork and Activity does not = Retired

**JobIntr3**
I would now like to ask you some questions about your last job before you came into prison

If 'Yes' at JobBefor OR 'Yes' at Everwork

**JobTitle**
Can you tell me the job title?

**JobDesc**
Can you describe fully the work you did?

Respondents in prison for less than two years

**JobAct**
Thinking about this job in general would you say that you were...

RUNNING PROMPT

very physically active........................................1
fairly physically active......................................2
not very physically active.................................3
or not at all physically active in your job?...4

If (JobBefor = Yes) or (Everwork = Yes)

**BlckEcon**
Was this a cash-in-hand job or a job on the side?

Yes.............................................1
No..............................................2

**SelfEmp**
Were you an employee or self-employed?

Employee...............................................1
Self-employed........................................2

If 'EMPLOYEE' at SelfEmp

**EmpStat**
Were you a manager, a foreman or supervisor, or other employee?
Manager...............................................1
Foreman or supervisor..........................2
Other employee....................................3

Nemplee How many employees worked in the establishment?
1-24...............................................1
25 or more.......................................2

If 'Self-employed' at Selfemp
Semplee Do you employ other people?
1-24.................................................1
Yes, 25 or more................................2
No, no employees.................................3

Occupi REVIEW OCCUPATIONAL DETAILS, AND ASSIGN 3-DIGIT S. O. C. CODE
If 1, 2 or 3 at Activity (ie. unemployed before prison)
UnemTime How long had you been unemployed before you came into prison?
Less than 6 months.................................1
6 months but less than 12 months..............2
12 months but less than 2 years.................3
2 years or more....................................4
Can't remember....................................5

EDUCATION AND PERSONAL HISTORY
All respondents
Institut Up to the age of 16 did you spend any of your time in any kind of institution such as a children's home, borstal, young offenders unit?
Yes.............................................1
No..............................................2

Care (May I just check) were you ever taken into Local Authority care as a child up to the age of 16?
(NOTE: BEFORE REMANDED FOR THIS OFFENCE)
Yes.............................................1
No..............................................2
Don't know....................................3
DNA, Foreign National.........................4
**Age**LftSc At what age did you finish your continuous full-time education at school or at college?

Still at school or college when came to prison......1
14 or under.................................................2
15..................................................................3
16..................................................................4
17..................................................................5
18..................................................................6
19 or over.......................................................7
Never went to school......................................8

**Quals1** Have you ever passed any exams, either before or since you came into prison?

Yes..........................................................1
No...........................................................2

If 'Yes' at Quals1

**Quals2** Please look at this card and tell me the first exam you come to that you passed. SHOW CARD E

Degree or equivalent...............................1
Teaching or other higher qualification.........2
A level or equivalent.................................3
GCSE, O level or equivalent.........................4
CSE or equivalent........................................5
Other qualifications...................................6

All respondents

**Origin** To which of the groups on the card do you consider you belong? SHOW CARD F

White.................................................1
Black Caribbean.................................2
Black African.................................3
Black Other........................................4
Indian..................................................5
Pakastani...........................................6
Bangladeshi........................................7
Chinese.............................................8
None of these....................................9

**Sent** Length of sentence

**General** Is there anything else you would like to tell me about being in prison?

**ThankYou** That is the end of the interview. Thank you for your help.
NURSE SESSION
MEDICATION

All respondents

Outcome

Please assign an outcome code for measurements

Refused all measurements - to interviewer.......... 1
Refused all measurements - to nurse............... 2
Non-contact for all measurements.................. 3
Co-operated with one or more measurements...... 4
Co-operated with all measurements............... 5

If 'Co-operated' at Outcome

Medcnjb

Are you taking or using any medicine, pills, ointments or injections?

Yes................................. 1
No................................. 2

If 'Yes' at Medcnjb

MedNum1

How many medicines, pills, ointments or injections is the respondent taking?

MedCode1

Type of medicines

MedA

Have you taken or used the medicine, ointment etc in the last 7 days?

Yes................................. 1
No................................. 2

MedB

Were any of the medicines, ointments etc prescribed?

Yes................................. 1
No................................. 2

MedCons

May we consult your treatment record for details of your medication?

Yes .................................... 1
No .................................... 2

BLOOD PRESSURE

If 'Co-operated' at Outcome

BpResp

Please assign an outcome code for blood pressure

Blood pressure refused............................... 1
Measurement not attempted.......................... 2
Measurement taken................................. 3
Measurement attempted but not obtained..... 4

If 'Not attempted' at BpResp
NoBp  Please give reason for not attempting blood pressure

No time for measurement .....................1
Informant unsteady on feet, can't stand, chairbound .............................................2
Other .....................................................3

If 'Taken' at BpResp

ConSub  May I just check, have you eaten, smoked or taken exercise in the past 30 minutes?

CODE ALL THAT APPLY

Eaten...............................................1
Smoked............................................2
Taken exercise ................................3
None of these ....................................4

Systolic blood pressure

Diastolic blood pressure

Pulse  Pulse rate

If 'Taken' or 'Not obtained' at BpResp

TakDif  Record any problems in taking any readings/ reasons why readings not obtained.

CODE ALL THAT APPLY.

Blood pressure obtained without problems................. 1
Reading taken on left arm because right arm not suitable........................................................ 2
Informant was upset/anxious/nervous........................ 3
Erratic pulse............................................................. 4
Excessive movement................................................. 5
Sphyg above/below eye level .................................... 6
Other ................................................................. 7

If 'Taken' at BpResp

BpCons  May we give your blood pressure readings to the prison doctor?

Yes....................................................1
No....................................................2

If 'No' at BpCons

BpRefus  Specify reasons for refusal.

CODE ALL THAT APPLY

Does not like the prison doctor ................................. 1
Does not like signing things .................................2
Doctor knows informant's blood pressure level...........3
RESPIRATORY FUNCTION

If 'Co-operated' at Outcome

Inhaler Do you use an inhaler?

Yes...........................................1
No...........................................2

If 'Yes' at Inhaler

LastUsed Have you used it in the last four hours?

Yes...........................................1
No...........................................2

If 'Co-operated' at Outcome

LungResp Please assign an outcome code for respiratory function.

Respiratory test refused .................1
Measurement not attempted...............2
Measurement taken.........................3
Measurement attempted but not obtained.......4

If 'Noattempt' at LungResp

NoLung Please give reason for not attempting respiratory measurement.

No time for measurement ....................1
Informant unsteady on feet, can't stand, chairbound ................................................. 2
Other .......................................................... 3

If 'Taken' at LungResp

Peak Expiratory Flow (PEF)

If 'Taken' or 'Not obtained' at LungResp

LungDiff Record any problems in taking readings/reasons why readings not obtained.

CODE ALL THAT APPLY

Respiratory measurements obtained without problems.................................................. 1
Informant was upset/anxious/nervous........ 2
Informant had difficulty using a peak flow meter ..................................................... 3
Informant had breathing difficulties........ 4
Informant had recent asthma attack........ 5
Informant had heavy cold.................... 6
LungCons  May we give your respiratory measurements to the prison doctor?

Yes..........................................1
No...........................................2

If 'No' at LungCons

LungRef  Specify reasons for refusal.
CODE ALL THAT APPLY.

Does not like the prison doctor ........................................ 1
Does not like signing things ........................................... 2
Doctor knows informants blood pressure level........... 3
Does not want to bother doctor................................. 4
Other........................................................................ 5

HEIGHT

If 'Co-operated' at Outcome

HtResp  Please assign an outcome code for height

Height refused............................................. 1
Measurement not attempted.........................2
Measurement taken......................................3

If 'Not attempted' at HtResp

NoHite  Please give reason for not attempting height

No time for measurement ................................. 1
Informant unsteady on feet, can't stand,
chairbound ................................................. 2
Other ........................................................... 3

If 'Taken' at HtResp

Height  Height (centimetres)

Relhite  Record for height measurement

A reliable height measure obtained......................... 1
Problems were experienced during the height
measurement but the result is likely to be reliable..... 2
Problems were experienced during the height
measurement which are likely to cause the result
to be unreliable ............................................ 3

WEIGHT

If 'Co-operated' at Outcome
WtResp  Please assign an outcome code for weight

   Weight refused................................. 1
   Measurement not attempted................. 2
   Measurement taken........................... 3

If 'Not attempted' at WtResp

NoWait  Please give reason for not attempting weight

   No time for measurement ....................1
   Informant unsteady on feet, can't stand,
   chairbound ...................................... 2
   Other ............................................. 3

If 'Taken' at WtResp

WtBefore  What did you weigh before you came into prison (kilograms)?

WtChge  Have you lost or put on any weight since you came into prison?

   Lost weight ...................................... 1
   Put on weight ................................... 2
   Neither ......................................... 3
   Don't know ...................................... 4

Weight  Weight (kilograms)

Floor  Were the scales placed on ...

   an uneven floor?............................... 1
   a carpet? ...................................... 2
   neither of these?.............................. 3

RelWait Record for weight measurement

   A reliable weight measure obtained........ 1
   Problems were experienced during the
   weight measurement but the result is
   likely to be reliable........................... 2
   Problems were experienced during the
   weight measurement which are likely to
   cause the result to be unreliable ........... 3

PRESCRIBED MEDICATION

If 'Co-operated' at Outcome

MedResp  Please assign an outcome code for medication.

   Informant is not taking any medication .......... 1
   Consent for consulting treatment record refused.......................... 2
   Informant gave consent, but no time to consult treatment record...... 3
   Treatment record not found ........................................ 4
   Treatment record consulted, but details not found.................. 5
   Treatment record consulted, and details of medication collected...... 6
If 'Details of medication collected' at MedResp

<table>
<thead>
<tr>
<th>MedNum</th>
<th>How many medicines, ointments, creams have been prescribed for the informant?</th>
</tr>
</thead>
<tbody>
<tr>
<td>MedCode2</td>
<td>Type of medicines</td>
</tr>
</tbody>
</table>

The following questions were asked about all prescribed medicines

<table>
<thead>
<tr>
<th>PRN</th>
<th>Are any of these (medicines, ointments etc) PRN medications?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes...............................................1</td>
</tr>
<tr>
<td></td>
<td>No...............................................2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Possess</th>
<th>Are any of these (medicines, ointments etc) 'in possession'?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes...............................................1</td>
</tr>
<tr>
<td></td>
<td>No...............................................2</td>
</tr>
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</table>

If 'Yes' at Possess

<table>
<thead>
<tr>
<th>Possper</th>
<th>Please record whether monthly, weekly, or daily.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Monthly ............................................1</td>
</tr>
<tr>
<td></td>
<td>Weekly ...............................................2</td>
</tr>
<tr>
<td></td>
<td>Daily ................................................3</td>
</tr>
</tbody>
</table>
Asthma 1
Bronchitis, TB, Chest or Respiratory illness 2
Fits or epilepsy 3
Diabetes 4
Allergies 5
Skin diseases 6
High blood pressure 7
Sexually transmitted disease 8
HIV positive or AIDS 9
B

Circuit training 1
Exercise bike 2
Exercises (press ups, sit ups etc) 3
Keep fit, aerobics, gymnastics 4
Weight Training 5
Swimming 6
Running, jogging 7
Football, rugby 8
Cricket 9
Badminton, tennis, basketball, volleyball 10
Squash 11
Other sports and exercise 12
<table>
<thead>
<tr>
<th>Substance</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocaine/coke</td>
<td>1</td>
</tr>
<tr>
<td>Crack or rock</td>
<td>2</td>
</tr>
<tr>
<td>Cannabis (marijuana, grass, hash, ganga, blow, draw)</td>
<td>3</td>
</tr>
<tr>
<td>Ecstasy or 'E'</td>
<td>4</td>
</tr>
<tr>
<td>Heroin, smack, skag, 'H'</td>
<td>5</td>
</tr>
<tr>
<td>LSD or Acid</td>
<td>6</td>
</tr>
<tr>
<td>Magic mushrooms</td>
<td>7</td>
</tr>
<tr>
<td>Methadone or Physeptone</td>
<td>8</td>
</tr>
<tr>
<td>Semeron</td>
<td>9</td>
</tr>
<tr>
<td>Amphetamines (speed, whizz, uppers)</td>
<td>10</td>
</tr>
<tr>
<td>Tranquillizers (Temazepam, Valium)</td>
<td>11</td>
</tr>
<tr>
<td>Poppers or Amyl Nitrite</td>
<td>12</td>
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<tr>
<td>Anabolic Steroids</td>
<td>13</td>
</tr>
<tr>
<td>Glues, solvents, gas, aerosols (to sniff or inhale)</td>
<td>14</td>
</tr>
<tr>
<td>Other</td>
<td>15</td>
</tr>
<tr>
<td>Frequency</td>
<td>Code</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>More than once every day</td>
<td>1</td>
</tr>
<tr>
<td>Once every day</td>
<td>2</td>
</tr>
<tr>
<td>5-6 days a week</td>
<td>3</td>
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<tr>
<td>3-4 days a week</td>
<td>4</td>
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<tr>
<td>1-2 days a week</td>
<td>5</td>
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<tr>
<td>At least once a month</td>
<td>6</td>
</tr>
<tr>
<td>Less often than once a month</td>
<td>7</td>
</tr>
<tr>
<td>Rarely or never</td>
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</tbody>
</table>
Degree (or degree level qualification)

Teaching qualification
HNC/HND, BRC/TEC Higher, BTEC Higher, City and Guilds Full
Technological Certificate, Nursing Qualifications (SRN, SCM, RGN, RM, RHV, Midwife)

A levels, SCE Higher,
ONC/OND/BTEC/TEC/BTEC not higher
City and Guilds Advanced/Final Level

O level passes (Grade A-C if after 1975)
GCSE (Grades A-C)
CSE Grade 1
SCE Ordinary (Bands A-C)
Standard Grade (Level 1-3)
SLC Lower
SUPE Lower or Ordinary
School Certificate or Matric
City and Guilds Craft/Ordinary Level

CSE Grades 2-5
GCE O level (Grades D & E if after 1975)
GCSE (Grades D,E,F,G)
SCE Ordinary (Bands D & E)
Standard Grade (Level 4,5)
Clerical or Commercial qualifications

CSE Ungraded
Other qualifications
<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>White</td>
<td>1</td>
</tr>
<tr>
<td>Black Caribbean</td>
<td>2</td>
</tr>
<tr>
<td>Black African</td>
<td>3</td>
</tr>
<tr>
<td>Black Other</td>
<td>4</td>
</tr>
<tr>
<td>Indian</td>
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</tr>
<tr>
<td>Pakistani</td>
<td>6</td>
</tr>
<tr>
<td>Bangladeshi</td>
<td>7</td>
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<tr>
<td>Chinese</td>
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</tr>
<tr>
<td>None of these</td>
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</tr>
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</table>
SURVEY OF THE PHYSICAL HEALTH OF PRISONERS

N1376

ILLNESS CODING FRAMES

There are two coding frames; one to be used to code longstanding illness at LMatter; the second to code emotional or nervous illness at EmotWhy.

The frame for longstanding illness uses two-digit codes. Please use 96 for any illness which you cannot code.

The frame for emotional or nervous illness uses three-digit codes ranging from 800 to 899. Please use 896 for any illness which you cannot code.
<table>
<thead>
<tr>
<th>Condition</th>
<th>Code</th>
<th>Condition</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abdominal hernia</td>
<td>26</td>
<td>Allergy -</td>
<td>25</td>
</tr>
<tr>
<td>Abdominal rupture</td>
<td>26</td>
<td>animal fur (nes)</td>
<td>25</td>
</tr>
<tr>
<td>Abdominal trouble</td>
<td>27</td>
<td>causing asthma</td>
<td>23</td>
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<tr>
<td>Abcess -</td>
<td></td>
<td>drugs (nes)</td>
<td>41</td>
</tr>
<tr>
<td>brain</td>
<td>08</td>
<td>dust (nes)</td>
<td>25</td>
</tr>
<tr>
<td>breast</td>
<td>33</td>
<td>food</td>
<td>27</td>
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<tr>
<td>larynx</td>
<td>25</td>
<td>skin</td>
<td>39</td>
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<tr>
<td>Absence -</td>
<td></td>
<td>(nes)</td>
<td>41</td>
</tr>
<tr>
<td>eye</td>
<td>09</td>
<td>Alopecia</td>
<td>40</td>
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<tr>
<td>kidney</td>
<td>30</td>
<td>Alzheimer's disease</td>
<td>08</td>
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<tr>
<td>limb</td>
<td>36</td>
<td>Anaemia -</td>
<td>38</td>
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<tr>
<td>Acoustic neuroma</td>
<td>01</td>
<td>pernicious</td>
<td>38</td>
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<td>sickle cell</td>
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<td>Ache -</td>
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<td>Arm</td>
<td>36</td>
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<td>back</td>
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<td>head</td>
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<td>Acid stomach</td>
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<td>Anorexia nervosa</td>
<td>04</td>
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<tr>
<td>Acne</td>
<td>39</td>
<td>Anxiety</td>
<td>04</td>
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<td>Addiction -</td>
<td></td>
<td>Aorta replacement</td>
<td>18</td>
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<td>alcohol</td>
<td>04</td>
<td>Aortic stenosis</td>
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<tr>
<td>drug</td>
<td>04</td>
<td></td>
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</tr>
<tr>
<td>Addison's disease</td>
<td>03</td>
<td>Apoplexy</td>
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<tr>
<td>Adenoid problems</td>
<td>25</td>
<td>Appendix (grumbling)</td>
<td>28</td>
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<tr>
<td>Adhesions (nes)</td>
<td>40</td>
<td>Arterial thrombosis</td>
<td>21</td>
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<tr>
<td>After effect -</td>
<td></td>
<td>Arteriosclerosis (nes)</td>
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<tr>
<td>cancer (nes)</td>
<td>01</td>
<td>Artesia -</td>
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<tr>
<td>meningitis (nes)</td>
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<td>biliary</td>
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<td>polio</td>
<td>36</td>
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<tr>
<td>Age (old) (nes)</td>
<td>41</td>
<td>Artificial arteries (nes)</td>
<td>21</td>
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<tr>
<td>Agoraphobia</td>
<td>04</td>
<td>Arthritis -</td>
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<tr>
<td>AIDS</td>
<td>03</td>
<td>Rheumatoid</td>
<td>34</td>
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<tr>
<td>(any site)</td>
<td></td>
<td>(any site)</td>
<td>34</td>
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<tr>
<td>AIDS carrier</td>
<td>03</td>
<td>Asbestosis</td>
<td>25</td>
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<tr>
<td>Alcoholism</td>
<td>04</td>
<td>Asthma -</td>
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<tr>
<td>Allergic asthma</td>
<td>23</td>
<td>allergic</td>
<td>23</td>
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<td>Allergic reaction (nes)</td>
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<td>23</td>
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<tr>
<td>Allergic rhinitis</td>
<td>24</td>
<td>cardiac</td>
<td>18</td>
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<td></td>
<td></td>
<td>(nes)</td>
<td>23</td>
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<td>Astigmatism</td>
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<td>Ataxia - Friedreich's</td>
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<td>Athlete's foot</td>
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<tr>
<td>Attack - heart</td>
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<td>panic</td>
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<td>Autism</td>
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<tr>
<td>Back ache</td>
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<tr>
<td>Back trouble</td>
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<tr>
<td>Bad chest</td>
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<tr>
<td>Bad eyesight</td>
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</tr>
<tr>
<td>Bad leg</td>
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<tr>
<td>Balance problem -</td>
<td>13</td>
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<tr>
<td>due to inner ear</td>
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<tr>
<td>Baldness</td>
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<tr>
<td>Blackouts</td>
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<td>Bladder complaint</td>
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<td>Bleeding - Nose</td>
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<td>Blindness - colour</td>
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</tr>
<tr>
<td>night</td>
<td>10</td>
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<tr>
<td>(nes)</td>
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<td>Blocked artery (nes)</td>
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<td>Blood -</td>
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<td>deficiency</td>
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<tr>
<td>- high</td>
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<tr>
<td>Blurred vision</td>
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<td>Bowel - inflamed</td>
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<td>Bowel - irritable</td>
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<td>Bowel - polyp</td>
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<td>Brain damage</td>
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<tr>
<td>Breakdown - nervous</td>
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<tr>
<td>Breathlessness - (excl. due to anaemia, angina, hole in the heart)</td>
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<tr>
<td>Brittle bones</td>
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<td>Broken - limb</td>
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<td>Broken - nose</td>
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<td>Broken - rib</td>
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<td>Bronchial trouble</td>
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<td>Byssinosis</td>
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<td>Callous</td>
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<td>Cancer (any site)</td>
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GHS CODING FRAME FOR LONGSTANDING ILLNESS

MC  Complaint

01  Cancer (neoplasm) including lumps, masses, tumours and growths and benign (non-malignant) lumps and cysts

incl. leukaemia (cancer of the blood)
Hodgkin's disease
Lymphoma
acoustic neuroma
Neurofibromatosis
hereditary cancer
Cancers sited in any part of the body or system eg.
lung cancer, breast cancer, stomach cancer,
skin cancer, bone cancer
All tumours, growths, masses, lumps
and cysts whether malignant or benign eg
tumour on brain, growth in bowel,
growth on spinal cord, lump in breast,
cyst on eye, cyst in kidney.
Wilms tumour
rodent ulcers
sarcomas, carcinomas
mastectomy (nes)
hysterectomy for cancer of womb
colostomy caused by cancer
part of intestines removed (cancer)
after affect of cancer(nes)

Endocrine/nutritional/metabolic diseases and immunity disorders

02  Diabetes -
    incl. Hyperglycemia

03  Other endocrine/metabolic -
    incl. underactive/overactive thyroid, goitre
hormone deficiency, deficiency of growth hormone, dwarfism
Beckwith - Wiedemann syndrome
Addison's disease
Cushing's syndrome
Gilbert's syndrome
Coeliac disease
phenylketonuria
Cystic fibrosis
AIDS, AIDS carrier, HIV positive
rickets
obesity/overweight
rickets
water/ fluid retention
hypopotassaemia, lack of potassium
hypercalcaemia

NB  Thyroid trouble and tiredness - code 03 only
    Overactive thyroid and swelling in neck - code 03 only.
Mental, Behavioural and Personality Disorders

04 Mental illness/anxiety/depression/nerves(nes) -
incl. schizophrenia, manic depressive
senile dementia, forgetfulness, gets confused
nervous breakdown, neurasthenia, nervous trouble
anxiety, panic attacks
stress
nerves (nes)
depression
phobias
autistic child
anorexia nervosa
alcoholism, recovered not cured alcoholic
drug addict
speech impediment, stammer
dyslexia
hyperactive child.
catalepsy
concussion syndrome

NB Alzheimer's disease, degenerative brain disease = code 08

05 Mental handicap -

incl. Down's syndrome, mongol
mentally retarded, subnormal.
Nervous system (central and peripheral including brain) - not mental illness

06 Epilepsy/fits/convulsions -
  incl. grand mal, petit mal, Jacksonian fit, blackouts, febrile convulsions, fit(nes)

07 Migraine/headaches

08 Other problems of nervous system -
  incl. Multiple Sclerosis (MS), disseminated sclerosis
  Cerebral palsy (spastic)
  Spina bifida
  Physically handicapped - spasticity of all limbs
  hydrocephalus, microcephaly, fluid on brain
  Parkinson's disease (paralysis agitans)
  Motor neurone disease
  muscular dystrophy
  Huntington's chorea
  Alzheimer's disease
  degenerative brain disease
  Friedreich's Ataxia
  Abscess on brain
  Brain damage resulting from infection (eg. meningitis, encephalitis) or injury
  paraplegia (paralysis of lower limbs)
  partially paralysed (nes)
  metachromatic leucodystrophy
  Myotonic dystrophy
  Guillain - Barre syndrome
  Myasthenia gravis
  syringomyelia
  myalgic encephalomyelitis (ME)
  post viral syndrome (ME)
  Bell's palsy
  trigeminal neuralgia
  neuralgia, neuritis
  carpal tunnel syndrome
  sciatica
  trapped nerve
  numbness/loss of feeling in fingers, hand, leg etc
  pins and needles in arm
  removal of nerve in arm
  shingles
  restless legs
Eye complaints

Cataract/poor eye sight/blindness -

- incl. operation for cataracts, now need glasses
- bad eyesight/nearly blind because of cataracts
- hardening of lens
- lens implants in both eyes
- bad eyesight, restricted vision, partially sighted
- short sighted, long sighted, myopia
- trouble with eyes (nes), eyes not good (nes)
- blind in one eye, loss of one eye
- blindness caused by diabetes
- detached/scarred retina
- tunnel vision
- blurred vision

Other eye complaints -

- incl. glaucoma
- buphthalmos
- iritis
- retinitis pigmentosa
- night blindness
- astigmatism
- double vision
- colour blind
- squint, lazy eye
- scarred cornea, corneal ulcers
- haemorrhage behind eye
- dry eye syndrome, trouble with tear ducts, watery eyes
- eyes are light sensitive
- injury to eye
- eye infection, conjunctivitis.
- Sty on eye
- floater in eye
MC  Ear complaints

11  Poor hearing/deafness -
    incl. hard of hearing, slightly deaf
congenital/conductive/nerve/noise induced deafness
deaf and dumb
otosclerosis
poor hearing after mastoid operation

12  Tinnitus/noises in the ear -
    incl. pulsing in the ear

13  Meniere's disease/ear complaints causing balance problems -
    incl. labyrinthitis, loss of balance - inner ear
    vertigo

14  Other ear complaints -
    incl. otitis media - glue ear
disorders of Eustachian tube
perforated ear drum (nes)
middle/inner ear problems
mastoiditis
ear trouble (nes), ear problem (wax)
ear aches and discharges
ear infection
Complaints of heart, blood vessels and circulatory system

15 Stroke/cerebral haemorrhage/cerebral thrombosis -
   incl. stroke victim - partially paralysed and speech difficulty
   hemiplegia, apoplexy, cerebral embolism,
   cerebro - vascular accident

16 Heart attack/angina -
   incl. coronary thrombosis, myocardial infarction.

17 Hypertension/high blood pressure/blood pressure (nes)

18 Other heart problems -
   incl. heart disease, heart complaint
   cardiac problems, heart trouble (nes)
   weak heart because of rheumatic fever
   hole in the heart
   valvular heart disease
   Wolff- Parkinson-White syndrome
   Aortic stenosis, aorta replacement
   pacemaker implant
   pericarditis
   Ischaemic heart disease
   mitral stenosis
   cardiac diffusion
   cardiac asthma
   heart murmur, palpitations
   tachycardia, sick sinus syndrome
   hardening of arteries in heart
   tired heart
   pains in chest (nes)
   dizziness, giddiness, balance problems (nes)
   too much cholesterol in blood
   heart failure
   St Vitus dance

NB Balance problems due to ear complaint = code 13

19 Piles/haemorrhoids incl. Varicose Veins in anus.

20 Varicose veins/phlebitis in lower extremities -
   incl. varicose ulcers, varicose eczema

21 Other blood vessels/embolic -
   incl. arteriosclerosis, hardening of arteries (nes)
   artificial arteries (nes)
   arterial thrombosis
   thrombosis (nes)
   blocked arteries in leg
   Raynaud's disease
   pulmonary embolism
   intermittent claudication
   telangiectasia (nes)
   blood clots (nes)
   Swollen legs and feet
   low blood pressure/hypertension
   hypersensitive to the cold.
   poor circulation

NB Haemorrhage behind eye = code 10
Complaints of respiratory system

22 Bronchitis/emphysema -
   incl. chronic bronchitis
   bronchiectasis

23 Asthma -
   incl. bronchial asthma, allergic asthma
   asthma - allergy to house dust/grass/cat fur

   NB Exclude cardiac asthma - code 18

24 Hayfever -
   incl. allergic rhinitis

25 Other respiratory complaints -
   incl. bronchial trouble, chest trouble (nes)
   bad chest (nes), weak chest - wheezy
   breathlessness
   pneumoconiosis, byssinosis, asbestosis and other industrial, respiratory
diseases, pigeon fanciers's lung
   lung complaint (nes), lung problems (nes)
   damaged lung (nes), lost lower lobe of left lung
   lung damage by viral pneumonia
   fibrosis of lung
   ulcer on lung, fluid on lung
   furred up airways, collapsed lung
   chest infections, get a lot of colds
   recurrent pleurisy
   sinus trouble, sinusitis
   rhinitis (nes)
   catarrh
   adenoid problems, nasal polyps
   sore throat, pharyngitis
   throat trouble (nes), throat irritation
   throat infection
   tonsillitis
   abscess on larynx
   coughing fits
   allergy to dust/cat fur
   paralysis of vocal cords
   Croup

   NB TB (pulmonary tuberculosis) - code 37
   Cystic fibrosis - code 03
   Skin allergy - code 39
   Food allergy - code 27
   Allergy (nes) - code 41
   Pilonidal sinus - code 39
   Sick sinus syndrome - code 18
   Whooping cough - code 37

   If complaint is breathlessness with the cause also stated, code the cause.

   eg breathlessness as a result of anaemia (code 38)
   breathlessness due to hole in heart (code 18)
   breathlessness due to angina (code 16)
MC

Complaints of the digestive system

26 Stomach ulcer/ulcer (nes)/abdominal hernia/rupture - incl. gastric/duodenal/peptic ulcer ulcer (nes)
double/inguinal/diaphragm/hiatus/umbilical hernia hernia (nes), rupture (nes).

27 Other digestive complaints (stomach, liver, pancreas, bile ducts, small intestine - duodenum, jejunum and ileum) -

incl. stomach trouble (nes), abdominal trouble (nes)
digestion, heart burn, dyspepsia
nervous stomach, acid stomach
inflamed duodenum
weakness in intestines
ileostomy
pancreas problems
throat trouble - difficulty in swallowing
stone in gallbladder, gallbladder problems
liver disease, biliary artesia
cirrhosis of the liver, liver problems
food allergies.

28 Complaints of bowel/colon (large intestine, caecum, bowel, colon, rectum) - incl. colitis, colon trouble, ulcerative colitis
Spastic colon
enteritis
diverticulitis
irritable bowel, inflammation of bowel polyp on bowel
colostomy (nes)
Crohn's disease
Hirschsprung's disease
frequent diarrhoea, constipation
faecal incontinence/encopresis.
grumbling appendix

NB exclude piles - code 19
Cancer of stomach/bowel - code 01

29 Complaints of teeth/mouth/tongue - incl. impacted wisdom tooth, gingivitis ulcers on tongue, mouth ulcers
cleft palate, hare lip
no sense of taste
**Complaints of genito-urinary system**

30 Kidney complaints -
  incl. kidney trouble, tube damage, stone in the kidney
  nephritis, pyelonephritis
  chronic renal failure
  uraemia
  renal TB
  horseshoe kidney, cystic kidney
  only one kidney, double kidney on right side

31 Urinary tract infection -
  incl. cystitis, urine infection

32 Other bladder problems/incontinence -
  incl. weak bladder, bladder complaint (nes)
  bladder restriction
  bed wetting, enuresis
  water trouble (nes).

NB Prostate trouble - code 33

33 Reproductive system disorders -
  incl. endometriosis
  prolapsed womb
  prolapse (nes) if female
  vaginitis, vulvitis, dysmenorrhoea
  gynaecological problems
  menopause
  hysterectomy (nes)
  period problems, flooding, premenstrual tension
  abscess on breast, mastitis, cracked nipple
  damaged testicles
  prostate gland trouble
  impotence, infertility.
  Turner's syndrome
  pelvic inflammatory disease (female)
MUSCULOSKELETAL - COMPLAINTS OF BONES/JOINTS/MUSCLES

34 Arthritis/rheumatism/fibrositis -

incl. arthritis/rheumatism in any part of the body
osteoarthritis, rheumatoid arthritis, polymyalgia rheumatica
psoriasis arthritis (also code psoriasis)
Still's disease
rheumatic symptoms
arthritis as result of broken limb

35 Back problems/slipped disc/spine/neck -

incl. back trouble, lower back problems, back ache
spondylitis, spondylosis
prolapsed intervertebral discs
worn discs in spine - affects legs
damage, fracture or injury to back/spine/neck
curvature of spine
lumbago, inflammation of spinal joint
disc trouble
Schuermann's disease

NB Exclude if damage/injury to spine results in paralysis - code 08
Sciatica - code 08
Trapped nerve in spine - code 08
Other problems of bones/joints/muscles -

incl osteomyelitis
brittle bones, osteoporosis
Pierre Robin syndrome
Paget's disease
Perthe's disease
Schlatter's disease
Sever's disease
dislocations eg dislocation of hip, clicky hip, dislocated knee/finger fracture, damage or injury to extremities, ribs, collarbone, pelvis, skull, eg. knee injury, broken leg, gun shot wounds in leg and shoulder, can't hold left arm out flat - broke it as a child, broken nose, deviated septum
absence or loss of limb eg lost leg in war, finger amputated, born without arms
deformity of limbs eg club foot, clawhand, malformed jaw
walk with limp as a result of polio, polio (nes), after affects of polio (nes)
Systemic sclerosis, myotonia (nes)
disseminated lupus
hip replacement (nes)
hip infection, TB hip
torn muscle in leg, torn ligaments, tendinitis
bad shoulder, bad leg, collapsed knee cap, knee cap removed
cartilage problems
frozen shoulder
aching arm, stiff arm, sore arm muscle
strained leg muscles, pain in thigh muscles
stiff joints, joint pains, contraction of sinews, muscle wastage
Dupuytren's contraction
bursitis, housemaid's knee, tennis elbow
delayed healing of bones or badly set fractures
weak legs, leg trouble, pain in legs
legs won't go, difficulty in walking
muscle cramp in hand
physically handicapped (nes)
flat feet, bunions
chondrodystophoria
tenosynovitis

NB Muscular dystrophy - code 08
**Infectious and parasitic disease**

- Pulmonary tuberculosis (TB)
- Tuberculosis of abdomen
- Sarcoidosis
- Toxoplasmosis (nes)
- Viral hepatitis
- Glandular fever
- Malaria
- Typhoid fever
- Tetanus
- Venereal diseases
- Thrush, candida
- Athlete's foot, fungal infection of nail
- Ringworm
- Whooping cough

**NB** After effect of Poliomyelitis, meningitis, encephalitis - code to site/system
Ear/throat infections etc - code to site

**Disorders of blood and blood forming organs**

- Anaemia, pernicious anaemia
- Sickle cell anaemia/disease
- Thalassaemia
- Haemophilia
- Purpura (nes)
- Blood condition (nes), blood deficiency
- Polycythaemia (blood thickening), blood too thick
- Removal of spleen.

**NB** Leukaemia - code 01
39 Skin complaints

incl. eczema
psoriasis, psoriasis arthritis (also code arthritis)
dermatitis
epidermolysis bullosa
pilonidal sinusitis
impetigo
acne
skin rashes and irritations
skin allergies, leaf rash, angio-oedema
skin ulcer, ulcer on limb (nes)
birth mark
burned arm (nes)
cellulitis (nes)
carbuncles, boils, warts, verruca
corns, callouses
ingrown toenail
chilblains
abscess in groin

NB Rodent ulcer - code 01
varicose ulcer, varicose eczema - code 20

40 other complaints

incl. insomnia
sleepwalking
fainting
adhesions
hair falling out, alopecia
travel sickness
nose bleeds
no sense of smell
dumb, no speech

NB Deaf and dumb - code 11 only.
41 **Unclassifiable (no other codable complaint)**

incl. old age/weak with old age
general infirmity
allergy (nes), allergic reaction to some drugs (nes)
war wound (nes), road accident injury (nes)
tiredness (nes)
generally run down (nes)
weight loss (nes)
after affects of meningitis (nes)
had meningitis - left me susceptible to other things (nes)
electrical treatment on cheek (nes)
swollen glands (nes)
embarrassing itch (nes)
glass in head - too near temple to be removed (nes)

42 **Complaint no longer present**

NB Only use this code if it is actually stated that the complaint no longer affects the informant.

Exclude if complaint kept under control by medication - code to site/system.

99 **NA/Refusal**

96 **Cannot specify**
ILLNESS CODING FRAMES

There are two coding frames; one to be used to code longstanding illness at LMatter; the second to code emotional or nervous illness at EmotWhy.

The frame for longstanding illness uses two-digit codes. Please use 96 for any illness which you cannot code.

The frame for emotional or nervous illness uses three-digit codes ranging from 800 to 899. Please use 896 for any illness which you cannot code.
SURVEY OF THE PHYSICAL HEALTH OF PRISONERS N1376

CODING FRAME FOR EMOTIONAL/NERVOUS ILLNESS

800 Organic or symptomatic mental disorders
   - Dementia
   - Alzheimer's Disease

810 Mental and behavioural disorders due to drugs
   - Alcohol/heavy drinker
   - Opium
   - Cannabis
   - Sedatives
   - Cocaine
   - Stimulants (include Caffeine)
   - Hallucinogens (LSD, speed, acid)
   - Tobacco
   - Volatile solvents
   - Any mixture of the above
   - Heavy drinker

820 Schizophrenia
   - Catatonic schizophrenia
   - Chronic schizophrenia
   - Hebephrenic schizophrenia
   - High schizophrenia
   - Mild schizophrenia
   - Paranoia
   - Paranoid Schizophrenia
   - Schizophrenia
   - Simple Schizophrenia

829 Other non-organic psychoses
   - Auditory hallucinations
   - Hallucinations
   - Hearing voices
   - Mild psychosis
   - Neuroleptic
   - Psychosis
   - Psychotic tendencies
   - Schizo - affective disorders
   - Schizophrenic affective disorder
   - Voices

830 Mania
   Hyperactive
   Hypomania
   Mania

831 Manic depressive disorder
   Bipolar affective disorder
   Manic depression
   Manic depressive psychosis
   Moods
   Mood swings
832 Depression, post natal depression, "anxiety & depression"

839 Other mood (affective disorders)
   - Emotional problems, problems with marriage (nes)

840 Phobic anxiety disorders
   - Agoraphobia
   - Social phobia
   - Specific isolated phobias

841 Other anxiety disorders
   - Panic disorder
   - Generalised anxiety disorder/incl. stress and 
     anxiety/nervous tension/bad nerves, agitation (nes)
   - "emotional anxiety worry"

842 Obsessive-compulsive disorder

849 Other neurotic disorders
   - worry (specific), bereavement (nes)
   - post traumatic stress disorders
   - stress related headaches
   - hyperventilation syndrome

850 Behavioural syndromes associated with psychological 
   disturbances and physical factors
   - Anorexia nervosa, Bulimia nervosa
   - Sleep disorders (non-organic), nightfrights
   - Sexual disorders (non-organic)
   - Other behavioural syndromes

860 Personality disorders
   - Habit and impulse disorders (gambling, stealing, fires)
   - Gender identity problems
   - Disorders of sexual preference
   - Other personality disorders

870 Mental retardation
   - backward/slow/mental handicap

880 Disorders of psychological development
   - Speech and language disorders
   - Reading, spelling or arithmetical disorders
   - Autism
   - Other disorders of psychological development

890 Childhood disorders

899 Unspecified mental disorder
   - illness in the mind, mental illness
   - mentally disturbed
   - stress, distress
   - nervous breakdown (n.e.s.), nervous exhaustion
   - neuropathy

896 - any illness which you cannot code
**SURVEY OF THE PHYSICAL HEALTH OF PRISONERS N1376**

**Medicines Coding BNF/Survey list**

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<td>(Anti-diarrhoeal)</td>
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**Notes**

**A. Examples of Combinations of NSAIDs and opiates**
*(BNF sections 4.7.1 & 4.7.2, survey code 17)*

Antoin  
Co-codamol (Parake, Panadeine)  
Co-codaprin  
Co-dydramol (Galake, Paramol)  
Co-proxamol (Cosalgesic, Distalgesic, Paxalgesic)  
Solpadeine

**A. Examples of Combinations of diuretics & beta blockers**
*(Some drugs in BNF sections 2.2 & 2.4, survey code 3)*

Co-Betaloc, Co-Betaloc SA, Co-tenidone  
Kalten, Lopresoretic, Prestim, Prestim Forte,  
Tenoretic, Tenoret-50, Trasidrex
## Coding of Prescribed Medicines: Alphabetical Index

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Unable to code .................................................. 96
Variable name: accom
Variable label: Type of accommodation
Range: -9 to 8
Missing values: -8 -9

Value labels
-8 NA
-9 DNA

1 'Living with parents'
2 'Owned accommodation'
3 'Rented - self-contained'
4 'Bedsit'
5 'Hostel/temporary accommodation'
6 'Streets'
7 'Just arrived in country'
8 'Other'

Specification:
*deriving tenure
*recoding the missing values
recode living tenure (9=-9) (sysmis=-8)

Compute Accom=0
do if val (living) =-9
compute accom =-9
else if val (living)=-8
compute accom=-8
else if (living)=1
compute accom=1
else if (living=2) and (tenure=1)
compute accom=2
else if (living=2) and (tenure=2)
compute accom=3
else if (living=2) and (tenure=3)
compute accom=4
else if (living=2) and (tenure=4)
compute accom=5
else if (living=2) and (tenure=5)
compute accom=6
else if (living=2) and (tenure=6)
compute accom=7
else if (living=2) and (tenure=7)
compute accom=8
end if
Variable name: acta
Variable label:
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification:

do if any(12,val(whchac00), val(whchac01), val(whchac02),
        val(whchac03), val(whchac04), val(whchac05), val(whchac06),
        val(whchac07), val(whchac08), val(whchac09), val(whchac10),
        val(whchac11))
compute acta = 1
else
compute acta = 2
end if

Variable name: aero
Variable label:
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification:

do if any(4,val(whchac00), val(whchac01), val(whchac02),
        val(whchac03), val(whchac04), val(whchac05), val(whchac06),
        val(whchac07), val(whchac08), val(whchac09), val(whchac10),
        val(whchac11))
compute aero = 1
else
compute aero = 2
end if
Variable name: agech1
Variable label: 'Age groupings for chapter 1'
Range: 1 to 5
Missing values: -8,-9

Value labels
1 '16-24'
2 '25-34'
3 '35-44'
4 '45-54'
5 '55 and over'

Specification
recode age (16 thru 24=1) (25 thru 34=2) (35 thru 44=3)
(45 thru 54=4) (55 thru hi=5) (missing=-9) into agech1

Variable name: agech1a
Variable label: 'Grouped age (40s and over)'
Range: 1 to 5
Missing values: -8,-9

Value labels
1 'Under 21'
2 '21-24'
3 '25-29'
4 '30-39'
5 '40 and over'

Specification
recode age (16 thru 20 = 1) (21 thru 24 =2) (25 thru 29 = 3)
(30 thru 39 = 4) (40 thru hi = 5) into agech1a

Variable name: agech1b
Variable label: 'Grouped age (30s and over)'
Range: 1 to 4
Missing values: -8,-9

Value labels
1 'Under 21'
2 '21-24'
3 '25-29'
4 '30 and over'

Specification
recode age (16 thru 20 = 1) (21 thru 24 =2) (25 thru 29 = 3)
(30 thru hi =4) into agech1b
Variable name: agech1x
Variable label: 'Age groupings 50 and over'
Range: 1 to 6
Missing values: -8,-9

Value labels

1 'Less than 21'
2 '21-24'
3 '25-29'
4 '30-39'
5 '40-49'
6 '50 and over'

Specification

recode agenps (1=1) (2=2) (3=3) (4=4) (5=5) (6,7,8=6) (else=copy) into agech1x

Variable name: agegp5
Variable label: 'Age in five-year groups'
Range: 1 to 10
Missing values:

Value labels

1 'Less than 21'
2 '21-24'
3 '25-29'
4 '30-34'
5 '35-39'
6 '40-44'
7 '45-49'
8 '50-54'
9 '55-59'
10 '60 and over'

Specification

recode age (16 thru 20 = 1) (21 thru 24 = 2) (25 thru 29 = 3) (30 thru 34 = 4) (35 thru 39 = 5) (40 thru 44 = 6) (45 thru 49 = 7) (50 thru 54 = 8) (55 thru 59 = 9) (60 thru hi = 10)(sysmis=-9) into agegp5
Variable name: agephs
Variable label: 'Age groupings distinguishing under-21s'
Range: 1 to 6
Missing values:

Value labels
1 'Less than 21'
2 '21-24'
3 '25-29'
4 '30-34'
5 '35-44'
6 '45 and over'

Specification
recode age (16 thru 20 = 1) (21 thru 24 = 2) (25 thru 29 = 3) (30 thru 34 = 4) (35 thru 44 = 5) (45 thru hi = 6) into agephs

Variable name: agephs2
Variable label: '10-year age groupings'
Range: 1 to 4
Missing values: -8,-9

Value labels
1 '16-24'
2 '25-34'
3 '35-44'
4 '45 and over'

Specification
recode age (16 thru 24 = 1) (25 thru 34 = 2) (35 thru 44 = 3) (45 thru hi = 4) into agephs2
Variable name: agelj
Variable label: 'Age groupings of prisoners (based on LJ)'
Range: 1 to 4

Missing values

Value labels

1 'Under 21'
2 '21-29'
3 '30-44'
4 '45 and over'

Specification

recode age (16 thru 20 = 1) (21 thru 29 = 2) (30 thru 44 = 3)
(45 thru hi = 4) into agelj
Variable name: agesent
Variable label: 'Age groupings distinguishing under-21s'
Range: 1 to 2
Missing values:

Value labels

1 'Less than 21'
2 '21 and over'

Specification

recode age (16 thru 20 = 1) (21 thru hi = 2) into agesent
Variable name: asthma
Variable label: Whether had asthma last year
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification:
*computing whether had asthma in last year
do if val(checklist) = 9 or checklist = 2
compute asthma = 2
else if any(1,val(cndtion0), val(cndtion1), val(cndtion2), val(cndtion3))
compute asthma = 1
else
compute asthma = 2
end if

Variable name: asthma2
Variable label: Whether has longstanding asthma
Range: 1 to 2

Value labels

1 'Yes'
2 'No'

Specification:
do if val(illness) = 9 or illness = 2
compute asthma2 = 2
else if any(23,val(codeill0), val(codeill1), val(codeill2),
val(codeill3), val(codeill4), val(codeill5))
compute asthma2 = 1
else
compute asthma2 = 2
end if
Variable name: beans2  
Variable label: Freq eat pulses  
Range: -8, 5  
Missing values: -8, -9  

Value labels  
1 'Rare/never'  
2 'Less once a week'  
3 '3-6 days a week'  
4 'Every day'  
-8 DK, NA

Specification:
recode beans (1,2=5)(3,4=4)(5=3)(6,7=2)(8=1)(-8=-8)(-9=-9) into beans2

Variable name: biscuit2  
Variable label: Freq eats biscuits  
Range: -8, 5  
Missing values: -8, -9  

Value labels  
1 'Rare/never'  
2 'Less once a week'  
3 '3-6 days a week'  
4 'Every day'  
-8 DK, NA

Specification:
recode biscuit (1,2=5)(3,4=4)(5=3)(6,7=2)(8=1)(-8=-8)(-9=-9) into biscuit2
Variable name: BMI
Variable label: Body Mass Index
Range:
Missing values: -8, -9

Value labels

Specification:

*deriving BMI
do if val(htresp) = -9
  or val(wtresp) = -9
  compute BMI = -9
else if (any (htresp,1,2) or
  any (wtresp,1,2))
  compute BMI = -9
else if ((height=-9) or
  (weight=-9))
  compute BMI = -9
else if ((height=-8) or
  (weight=-8))
  compute BMI = -8
else if (height gt 0) and
  (weight gt 0)
  compute BMI = (weight/(height * height)) * 10000
end if

Variable name: bmiag1
Variable label: BMI grouped
Range: -9, 4
Missing values: -8, -9

Value labels

  1 '20 or under'
  2 'Over 20 - 25'
  3 'Over 35 - 30'
  4 'Over 30'
-8 NA
-9 DNA

Specification:

recode BMI (0 thru 20=1)(20 thru 25=2)(25 thru 30=3)
  (30 thru hi=4)(else=copy) into BMIag1
Variable name: bpread
Variable label: Whether bp measurement valid
Range: -9, 2
Missing values: -8, -9

Value labels

1 'Valid'
2 'Ate, smkd, exercd'
-8 NA
-9 DNA

Specificatlon:

do if val(consumed) = -8
compute bpread = -8
else if val(consumed) = -9
compute bpread = -9
else if range(consumed,1,7)
compute bpread = 2
else if consumed = 8
compute bpread = 1
end if
Variable name: bprespb
Variable label: Summary of valid bp response
Range: -8, 4
Missing values: -8

Value labels

1 'Bp measured valid'
2 'Insuffic data'
3 'Ate, smkd, exercd'
4 'Refused, bp not att'
-8 NA

Specification:

do if val(bpresp) = -8
  compute bprespb = -8
else if range(bpresp,1,2)
  compute bprespb = 4
else if val(bpread) = -8 or bpresp = 4
  compute bprespb = 2
else if range(consub0,1,3)
  compute bprespb = 3
else if bpread = 1
  compute bprespb = 1
end if
Variable name: bread1
Variable label: Usual bread eaten
Range: -9, 3
Missing values: -8, -9

Value labels
1 'Wholemeal'
2 'Brown, gran, wtmeal'
3 'White'
-9 DNA'
-8 DK, no usual

Specification:
recode bread (1=3)(2=2)(3=1)(4,5,6,-8 = -8)(7=-9) into bread1

Variable name: cakes2
Variable label: Freq eats cake
Range: -8, 5
Missing values: -8, -9

Value labels
1 'Rare/never'
2 'Less once a week'
3 '1-2 'days a week'
4 '3-6 days a week'
5 'Every day'
-8 DK, NA

Specification:
recode cakes (1,2=5)(3,4=4)(5=3)(6,7=2)(8=1)(-8=-8)(-9=-9) into cakes2
Variable name: cereal1  
Variable label: Type of cereal  
Range: -9, 4  
Missing values: -8, -9

Value labels
1 'High fibre'
2 'Other'
3 'No usual'
4 'No eat cereal'
-9 DNA'
-8 DK

Specification:
recode cereal (9=-8) (else=copy) into cereal1

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

Variable name: chips2  
Variable label: Freq eat chips  
Range: -8, 5  
Missing values: -8, -9

Value labels
1 'Rare/never'
2 'Less once a week'
3 '1-2 days a week'
4 '3-6 days a week'
5 'Every day'
-9 'DNA'
-8 DK, NA

Specification:
recode chips (1,2=5)(3,4=4)(5=3)(6,7=2)(8=1)(-8=-8)(-9=-9) into chips2
Variable name: cigage1
Variable label: Age started smoking
Range: -9, 6
Missing values: -9

Value labels

1 'Never smoked regularly'
2 'Under 10'
3 '10-14'
4 '15-19'
5 '20-24'
6 '25 thru hi'
-9 DNA

Specification:
* recoding age started smoking
Recode cigage (0 = 1) (1 thru 9 = 2) (10 thru 14 = 3) (15 thru 19 = 4) (20 thru 24 = 5) (25 thru hi = 6) into cigage1

Variable name: ciggrp
Variable label:
Range: -8, 2
Missing values: -8, -9

Value labels

1 'Smoker'
2 'Non-smoker'
-8 NA
-9 DNA

Specification:
recode cigsmkng (1 thru4=1) (5,6=2) (else=copy) into ciggrp
Variable name: cigsmk2
Variable label:
Range: -9, 3
Missing values: -8, -9

Value labels

1 'Curr cig smoker'
2 'Ex cig smoker'
3 'Never smoked'
-8 NA
-9 DNA

Specification:

recode cigsmkng (1 thru 4=1)(5=2)(6=3)(else=copy) into cigsmk2
Variable name: cigsmkng
Variable label: Cigarette smoking status
Range: -9, 6
Missing values: -8, -9

Value labels
-8  NA
-9  DNA
1 '20+ cigs a day'
2 '10-19 cigs a day'
3 '0-9 cigs a day'
4 'DK no. cigs a day'
5 'Ex reg cig smoker'
6 'Nvr reg smoked cigs'

Specification:
* deriving current smoking status
do if cigever = 2
   compute cigsmkng = 6
else if cignow = 2
   .do if val(cigreg) = 1
     .compute cigsmkng = 5
   .else if val(cigreg) = 2 or val(cigreg) = 3
     .compute cigsmkng = 6
   .end if
else if cignow = 1
   .do if val(qtyday) = -9
     .compute cigsmkng = -9
   .else if val(qtyday) = -8
     .compute cigsmkng = 4
   .else if qtyday gt 19
     .compute cigsmkng = 1
   .else if range(qtyday,10,19)
     .compute cigsmkng = 2
   .else if range(qtyday,0,9)
     .compute cigsmkng = 3
   .end if
.end if
Variable name: cigused1  
Variable label: Number of cigarettes used to smoke per day  
Range: 1 to 4  
Missing values: -8 -9  

Value labels:
1 'Less than one'
2 '1-9'
3 '10-19'
4 '20 or more'
-8 NA
-9 DNA

Specification:

* grouping of number of cigarettes used to smoke
recode cigused (sysmis = -9) (99 = -8) (0 = 1) (1 thru 9 = 2)
(10 thru 19 = 3)(20 thru hi = 4) into cigused1
Variable name: circuit
Variable label:
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification:

* deriving individual variables for different activities
  do if any(1, val(whchac00), val(whchac01), val(whchac02),
      val(whchac03), val(whchac04), val(whchac05),
      val(whchac06), val(whchac07), val(whchac08),
      val(whchac09), val(whchac10), val(whchac11))
  compute circuit = 1
  else
  compute circuit = 2
  end if
Variable name: CompM1 to Compm6 Comp1m1 to Comp1m6
Variable label:
Range: -9, 17
Missing values: -8, -9

Value labels
-9  DNA
-8  NA
1  'II Neoplasm'
2  'III Endcr + metab'
3  'V Mental discord'
4  'VI Nervous system'
5  'VI eye'
6  'VI Ear'
7  'VII circul syst'
8  'VIII Resp sys'
9  'IX Digest sys'
10 'X Genitourinary'
11 'XII Skin'
12 'XIII Musculoskel'
13 'Infectious dis'
14 'Blood disorders'
15 'Other complaints'
17 'No Is illness'

Specification:

Recode Codeill0 (sysmis=17) (83=-9) (1=1) (2,3=2) (4,5=3)
(6,7,8=4) (9,10=5)(11 thru14=6) (15 thru 21=7)
(22 thru25=8)(26 thru 29=9) (30 thru 33=10)
(39=11) (34 thru36=12)(37=13) (38=14) (40=15)
(41,96=-8) into CompM1

Recode Codeill1 to Codeill5
(sysmis=-9) (83=-9) (1=1) (2,3=2) (4,5=3)
(6,7,8=4) (9,10=5)(11 thru14=6) (15 thru 21=7)
(22 thru25=8)(26 thru 29=9) (30 thru 33=10)
(39=11) (34 thru36=12)(37=13) (38=14) (40=15)
(41,96=-8) into CompM2 to Compm6

Recode Compm1 to Compm6 (5,6=5)(else=copy) into comp1m1 to comp1m6
Variable name: consumed
Variable label: Whether ate, smoked, exercd bef bp
Range: 1 - 8
Missing values: -8, -9

Value labels

1 'Ate'
2 'Smoked'
3 'Took exercise'
4 'Ate & smoked'
5 'Ate & exercised'
6 'Smoked & exercised'
7 'All three'
8 'None'

Specification:

do if val(bpresp) = -8 or val(firstsys) = -8 or val(secsys) = -8
or val(thirdsys) = -8 or val(firstdia) = -8
or val(secdia) = -8 or val(thirddia) = -8 or val(consub0) = -8
compute consumed = -8
else if range(bpresp,1,2) or bpresp = 4
compute consumed = -9
else if bpresp = 3 and consub0 = 4 and val(consub1) = -8 and val(consub2) = -8
compute consumed = 8
else if consub0 = 1 and val(consub1) = -8 and val(consub2) = -8
compute consumed = 1
else if consub0 = 2 and val(consub1) = -8 and val(consub2) = -8
compute consumed = 2
else if consub0 = 3 and val(consub1) = -8 and val(consub2) = -8
compute consumed = 3
else if consub0 = 1 and consub1 = 2 and val(consub2) = -8
compute consumed = 4
else if consub0 = 1 and consub1 = 3 and val(consub2) = -8
compute consumed = 5
else if consub0 = 2 and consub1 = 3 and val(consub2) = -8
compute consumed = 6
else if consub0 = 1 and consub1 = 2 and consub2 = 3
compute consumed = 7
end if
Variable name: cricket
Variable label:
Range: 1 to 2
Missing values:

Value labels
1 'Yes'
2 'No'

Specification:

do if any(9, val(whchac00), val(whchac01), val(whchac02),
val(whchac03),
   val(whchac04), val(whchac05), val(whchac06),
val(whchac07),
   val(whchac08), val(whchac09), val(whchac10),
val(whchac11))
compute cricket = 1
else
compute cricket = 2
end if
Variable name: currmed
Variable label:
Range: -9, 3
Missing values: -9

Value labels

-9  DNA
1  'Curry taking med'
2  'No curr medcn'
3  'No medication

Specification:

* computing whether taken medication in last seven days
  do if val(medcnjb) = -9
  compute currmed = -9
  else if val(medcnjb) = 2
  compute currmed = 3
  else if any(1, val(meda00), val(meda01), val(meda02), val(meda03),
    val(meda04), val(meda05), val(meda06), val(meda07),
    val(meda08), val(meda09), val(meda10))
  compute currmed = 1
  else
  compute currmed = 2
  end if
Variable name: cycle
Variable label:
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification:

do if any(2, val(whchac00), val(whchac01), val(whchac02),
          val(whchac03),
          val(whchac04), val(whchac05), val(whchac06),
          val(whchac07),
          val(whchac08), val(whchac09), val(whchac10),
          val(whchac11))
compute cycle = 1
else
compute cycle = 2
end if
Variable name: diabp
Variable label: Diastolic bp - broad gps
Range: -9, 4
Missing values: -8, -9

Value labels

-8  NA
-9  DNA
1  'Lt 85'
2  '85<95'
3  '95<105'
4  '105 or over'

Specification:

*deriving diabp - mean diastolic bp, broad groups
recode newdiast (-9 = -9) (-8 = -8) (lo thru 84.5=1)
    (85 thru 94.5 =2)(95 thru 104.5 =3) (105 thru hi = 4) into diabp


Variable name: diabp1
Variable label: Diastolic bp - grouped
Range: -9, 14
Missing values:

Value labels

-8  NA
-9  DNA
1  'Lt 60'
2  '60<65'
3  '65<70'
4  '70<75'
5  '75<80'
6  '80<85'
7  '85<90'
8  '90<95'
9  '95<100'
10  '100<105'
11  '105<110'
12  '110<115'
13  '115<120'
14  '120 or over'

Specification:

*deriving diabp1 - mean diastolic bp, grouped
recode newdiast (-9 = -9) (-8 = -8) (lo thru 59.5=1)
    (60 thru 64.5 =2) (65 thru 69.5 =3)
    (70 thru 74.5 =4) (75 thru 79.5 =5)
    (80 thru 84.5 =6) (85 thru 89.5 =7)
    (90 thru 94.5 =8)(95 thru 99.5=9)
    (100 thru 104.5 =10) (105 thru 109.5 =11)
    (110 thru 114.5 =12) (115 thru 119.5 =13)
    (120 thru hi = 14) into diabp1
Variable name: docall
Variable label:
Range: -8, 4
Missing values: -8

Value labels

-8 NA
1 'Saw doctor'
2 'Asked to see'
3 'Saw and asked'
4 'Neither'

Specification:

*combining doctor consultations with requests to see doctor
  do if doctalk = 1
    .do if val(docno) = -8
      .compute docall = -8
    .else if docno = 1
      .compute docall = 3
    .else if docno = 2
      .compute docall = 1
      .end if
    else if doctalk = 2
      .do if val(docno) = -8
      .compute docall = -8
    .else if docno = 1
      .compute docall = 2
    .else if docno = 2
      .compute docall = 4
      .end if
    .end if
  .else if val(docno) = -8
  .compute docall = -8
  .end if
.

Variable name: docall1
Variable label:
Range: 1 to 2
Missing values: -8

Value labels

-8 NA
1 'Saw or asked'
2 'Neither'

Specification:
Recode docall (1 thru 3 = 1) (4 = 2) (-8 = 8) into docall1
Variable name: drgage1
Variable label: Age started using drugs
Range: -9, 5
Missing values: -9

Value labels

-9 DNA
1 'Under 10'
2 '10-14'
3 '15-19'
4 '20-24'
5 '25 or over'

Specification:
*recoding age started using drugs
recode drgage (1 thru 9=1) (10 thru 14 = 2) 15 thru 19 = 3)
(20 thru 24 = 4) (25 thru hi = 5) (sysmis = -9)
into drgage1

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

Variable name: drgtrt3
Variable label: Whether sought any treatment
Range: -9, 2
Missing values: -9

Value labels

-9 DNA
1 'Sought treatment'
2 'Not sought'

Specification:
*grouping different types of drug treatment
do if val(drgtreat) = -9 or val(drgtrt2) = -9
compute drgtrt3 =-9
else if drgtreat = 1 or drgtrt2 =1
compute drgtrt3 =1
else
compute drgtrt3 =2
end if
Variable name: drkmostt
Variable label: Type of drink taken most frequently
Range: 2+ to 6
Missing values: -9, -8

Value labels
1 'Shandy'
2 'Beer'
3 'Spirits'
4 'Sherry'
5 'Wine'
6 '2+ types'

Specification:
*computing drink frequency
do if twoyears = 2
compute drkmostt = -9
else if twoyears = 1
.do if drinknow = 2
 compute drkmostt = -9
 .else if drinknow = 1
 .compute drkmostt = drtype0
 . do if val(drtype1) = 1 or  val(drtype1) = 2 or  val(drtype1) = 3
 . or val(drtype1) = 4 or  val(drtype1) = 5 or  val(drtype1) = 6
 . compute drkmostt = 6
 . end if
.end if
end if
recode drkmostt (7=-9)
Variable name: drkstat
Variable label: Drinking status
Range: 1 to 3
Missing values:

Value labels

1 'Current drinker'
2 'Ex drinker'
3 'Never drank'

Specification:

do if drinknow = 1
compute drkstat = 1
else if drinknow = 2
.do if drinkany = 1
compute drkstat = 1
.else if drinkany = 2
 .do if teetotal = 2
 .compute drkstat = 2
 .else if teetotal = 1
 .compute drkstat = 3
 .end if
.end if
.end if
Variable name: drtype00 to drtype14
Variable label: Drug use
Range: -9 to 16
Missing values: -9 DNA

Value labels

1 'Cocaine or coke'
2 'Crack or rock'
3 'Cannabis'
4 'Ecstasy'
5 'Heroin'
6 'LSD or acid'
7 'Magic mushrooms'
8 'Methadone'
9 'Sermom'
10 'Amphetamines'
11 'Tranquilisers'
12 'Poppers'
13 'Anabolic steroids'
14 'Glues, solvents'
15 'Other'
16 'No drugs used'
-9 DNA

Specification:
*recoding to identify missing values in multi-codes
do if drugtake=3
compute drtype00=-9
else if drugtake=2
compute drtype00 =16
else
compute drtype00=whchdr00
end if
recode whchdr01 whchdr02 whchdr03 whchdr04 whchdr05 whchdr06 whchdr07
   whchdr08 whchdr09 whchdr10 whchdr11 whchdr12 whchdr13 whchdr14
   (sysmis = -9) (else-copy) into drtype01 drtype02 drtype03
drtype04 drtype05 drtype06 drtype07 drtype08 drtype09
drtype10 drtype11 drtype12 drtype13 drtype14
missing values drtype00 to drtype14 (-9)
Variable name: Emotill0 to Emotill5
Variable label:
Range: -9, 7
Missing values: -9

Value labels

-9 DNA

1 'Depressive episodes'
2 'Phobia\obs-comp\aneur\oth'
3 'Functional psychosis'
4 'Behavioural syndromes'
5 'Drg-rel men\beh dis'
6 'Persy disorder'
7 'No emot illness'

Specification:
Recode codeemt0 (sysmis=899) (else=copy)
Recode codeemt1 to codeemt5 (sysmis=-9) (else = copy)
missing values codeemt0 to codeemt5 (-9)

Recode Codeemt0 (sysmis,896,899 = 7 ) (832,839 = 1) (840 thru 849 =2) (820, 829, 831 = 3) (850 = 4) (810 = 5) (860 = 6) (else = copy) into emotill0
Recode codeemt1 to codeemt5 (sysmis, 896, 899 =9) (832, 839 = 1) (840 thru 849 = 2) (820,829,831 = 3) (850 =4) (810 = 5)
(860 = 6) (else = copy) into emotill1 to emotill5
Variable name: exact
Variable label:
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification:

do if any(3,val(whchac00), val(whchac01), val(whchac02),
val(whchac03),
    val(whchac04), val(whchac05), val(whchac06),
val(whchac07),
    val(whchac08), val(whchac09), val(whchac10),
val(whchac11))
compute exact = 1
else
compute exact = 2
end if

Variable name: football
Variable label:
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification:

do if any(8,val(whchac00), val(whchac01), val(whchac02),
val(whchac03),
    val(whchac04), val(whchac05), val(whchac06),
val(whchac07),
    val(whchac08), val(whchac09), val(whchac10),
val(whchac11))
compute football = 1
else
compute football = 2
end if
Variable name: fruit2
Variable label: Freq eat fruit
Range: -8, 5
Missing values: -8, -9

Value labels

-8 DK, NA
1 'Rare/never'
2 'Less once a week'
3 '1-2 days a week'
4 '3-6 days a week'
5 'Every day'

Specification:
recode fruit (1,2=5) (3,4=4) (5=3) (6,7=2) (8=1) (-8=8) (-9=-9)
into fruit2
Variable name: genhlth1
Variable label:
Range: 1 to 2
Missing values: -8

Value labels
1 'Good'
2 'Not good

Specification:
* recoding to identify missing values
Recode Genhlth (9=-8) (1,2=1) (3 thru5=2) (else=copy) into genhlth1
Variable name: htgm
Variable label: Height grouped (cm)
Range: -9, 6
Missing values: -7, -8, -9

Value labels

-8  NA
-9  DNA

1 'Less than 160'
2 '160, less than 165'
3 '165, less than 170 '
4 '170, less than 175'
5 '175, less than 180
6 180 or more'

Specification:

recode height (0 thru 159.99=1) (160 thru 164.99=2)
(165 thru 169.99=3)(170 thru 174.99=4)
(175 thru 179.99=5) (180 thru hi=6)
(else=copy) into htgm
Variable name: Less2wks
Variable label: Whether in prison less than 2 weeks
Range: 1 to 2
Missing values:

Value labels:
1 'Less than two weeks'
2 'Two weeks or more'

Specification:
Recode prisstay (1 = 1) (2 thru 8 = 2) into less2wks

Variable name: Less4wks
Variable label: Whether in prison less than 4 weeks
Range: 1 to 2
Missing values:

Value labels:
1 'Less than four weeks'
2 'Four weeks or more'

Specification:
Recode prisstay (1 thru 2 = 1) (3 thru 8 = 2) into less4wks

Variable name: Les3mths
Variable label: Whether in prison less than 3 months
Range: 1 to 2
Missing values:

Value labels:
1 'Less than three months'
2 'Three months or more'

Specification:
Recode prisstay (1 thru 3 = 1) (4 thru 8 = 2) into les3mths
Variable name: Less1yr  
Variable label: Whether in prison less than 1 year  
Range: 1 to 2  
Missing values:

Value labels:
1 'Less than 1 year'
2 '1 year or more'

Specification:
Recode prisstay (1 thru 4 = 1) (5 thru 8 = 2) into less1yr

Variable name: Less3yrs  
Variable label: Whether in prison less than 3 years  
Range: 1 to 2  
Missing values:

Value labels:
1 'Less than 3 years'
2 '3 years or more'

Specification:
Recode prisstay (1 thru 6 = 1) (7 thru 8 = 2) into less3yrs

Variable name: Less5yrs  
Variable label: Whether in prison less than 5 yrs  
Range: 1 to 2  
Missing values:

Value labels:
1 'Less than 5 years'
2 'Five years or more'

Specification:
Recode prisstay (1 thru 7 = 1) (8 = 2) into less5yrs
Variable name: lunggrp
Variable label: Lung function - grouped
Range: -9, 3
Missing values: -9

Value labels:

-9  DNA
1 'Below range'
2 'Within range'
3 'Above range'

Specification:

do if val(newlung) = -9
compute lunggrp = -9
else if val(height) = -9 or val(height) = -8
compute lunggrp = -9
else if newlung lt 
   (((height/100)*6.14)-(age*0.043)+0.15)-1.99)*60
compute lunggrp = 1
else if newlung gt
   (((height/100)*6.14)-(age*0.043)+0.15)+1.99)*60
compute lunggrp = 3
else
compute lunggrp = 2
end if
Variable name: marstat
Variable label: 'Current marital status'
Range: -9, 6
Missing values: -9, -8

Value labels:

-9  DNA
-8  NA
1 'Married'
2 'Living as married'
3 'Single'
4 'Widowed'
5 'Divorced'
6 'Separated'

Specification:

compute marstat=0
do if val (marbefor)=-9 or val(marstill)=-9
compute marstat=-9
else if val(marbefor)=-8 or val(marstill)=-8
compute marstat=-8
else if(marstill=1)
compute marstat=marbefor
else if(marstill=2)
.do if val(marnow)=-9
.compute marstat=-9
.else if val(marnow)=-8
.compute marstat=-8
.else
.compute marstat=marnow
.end if
end if
Variable name: marstat1
Variable label: 'Current marital status'
Range: -9 to 3
Missing values: -9 -8

Value labels
1 'Single'
2 'Married/cohabiting'
3 'Wid/Dev/Sep'

Specification:
Recode marstat(3=1) (1,2=2) (4,5,6=3) (else=copy) into marstat1

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

Variable name: marstat2
Variable label: 'Current marital status'
Range: -9 to 4
Missing values: -9 -8

Value labels
1 'Single'
2 'Married/cohabiting'
3 'Dev/Sep'
4 'Widowed'

Specification:
Recode marstat(3=1) (1,2=2) (5,6=3) (4=4) (else=copy) into marstat2
Variable name: med00 to med19
Variable label:
Range: -9, 13
Missing values: -8, -9

Value labels

-8 NA
-9 DNA

1 'Cardiovascular'
2 'Gastrointestinal'
3 'Respiratory'
4 'Central nervous system'
5 'Infections'
6 'Endocrine'
7 'Obstetrics & gyn'
8 'Cytotoxic'
9 'Nutrition & blood'
10 'Musculoskeletal'
11 'Eye, ear, nose, throat'
12 'Skin'
13 'Other'

Specification:

*recoding medicines into broader groupings
recode medcod00 medcod01 medcod02 medcod03 medcod04 medcod05 medcod06 medcod07 medcod08 medcod09 medcod10 medcod11 medcod12 medcod13 medcod14 medcod15 medcod16 medcod17 medcod18 medcod19
(sysmis = -9) (98,99=-8) (1 thru11=1)
(12 thru 14 =2)(14=3) (15 thru 19 = 4) (20,21=5)
(22,23,24,37,38,39,26=6)(40,41,28=7) (29=8) (30 thru 32=9)
(33=10) (34=11) (35=12)(36,13,42,43,44,95,96=13) into
med00 to med19
Variable name: med200 to med219
Variable label:
Range: -9, 13
Missing values: -8, -9

Value labels

-8  NA
-9  DNA

1 'Cardiovascular'
2 'Gastrointestinal'
3 'Respiratory'
4 'Central nervous system'
5 'Infections'
6 'Endocrine'
7 Obstetrics & gyn
8 'Cytotoxic'
9 'Nutrition & blood'
10 'Muscouskeletal'
11 'Eye, ear, nose, throat'
12 'Skin'
13 'Other'

Specification:

*RECODING MEDICINES INTO BROADER GROUPINGS
Recode medcod20 medcod21 medcod22 medcod23 medcod24 medcod25 medcod26
    medcod27 medcod28 medcod29 medcod30 medcod31 medcod32 medcod33
    medcod34 medcod35 medcod36 medcod37 medcod38 medcod39
(sysmis = -9) (98,99=-8) (1 thru 11 =1) (12 thru 14 =2)
(14 =3) (15 thru 19 =4) (20,21 =5) (22,23,24,37,38,39,26 =6)
(40,41,28 =7) (29 =8) (30 thru 32 =9) (33 =10) (34 =11) (35 =12)
(36,13,42,43,44,95,96=13) into med200 to med219
Variable name: mednum3
Variable label:
Range: -9, 4
Missing values: -9

Value labels

-9 DNA
1 '1'
2 '2'
3 '3'
4 '4 or more'

Specification:
recode mednum1 (4 thru hi = 4) (else = copy) into mednum3

Variable name: mednum4
Variable label:
Range: -9, 4
Missing values: -9

Value labels

-9 DNA
1 '1'
2 '2'
3 '3'
4 '4 or more'

Specification:
Recode mednum2 (4 thru hi = 4) (else = copy) into mednum4
Variable name: medpresc
Variable label:
Range: -9, 3
Missing values: -9

Value labels

-9  DNA
1 'Taking presc med'
2 'No presc med'
3 'No medication'

Specification:

* computing whether taking any prescribed medication
do if val(medcnjb) = -9
  compute medpresc = -9
else if val(medcnjb) = 2
  compute medpresc = 3
else if any(1, val(medb00), val(medb01), val(medb02), val(medb03),
              val(medb04), val(medb05), val(medb06), val(medb07),
              val(medb08), val(medb09), val(medb10))
  compute medpresc = 1
else
  compute medpresc = 2
end if
Variable name: milk1
Variable label: Usual type of milk consumed
Range: -9, 3
Missing values: -8, -9

Value labels

-9 DNA
-8 DK

1 'Whole, semi, skimmed'
2 'Powdered'
3 'Other'

Specification:
recode milk (3 thru 5=3) (6=-8) (7=-9) (9=-8) (else copy) into milk1
Variable name: modocc
Variable label: occasions of moderate activity of 30+ minutes
Range: -9,
Missing values: -8, -9

Value labels

-9  DNA
-8  DK

Specification:

do if val(actany) = -8
compute modocc30 = -8
else if val(actany) = -9
compute modocc30 = -9
else if actany = 2
compute modocc30 = 0
else if actany = 1
compute modocc30 = 0 /* SETTING MODOCC30 TO 0
.do if (circuit = 1 and timeac00 ge 30 and occ00 ge 1)
.compute modocc30=occ00
.end if
.do if (cycle = 1 and timeac01 ge 30 and occ01 ge 1)
.compute modocc30=(modocc30 + occ01)
.end if
.do if (exact = 1 and effort02 = 1 and timeac02 ge 30 and occ02 ge 1)
.compute modocc30=(modocc30 + occ02)
.end if
.do if (aero = 1 and timeac03 ge 30 and occ03 ge 1)
.compute modocc30=(modocc30 + occ03)
.end if
.do if (wtrain = 1 and timeac04 ge 30 and occ04 ge 1)
.compute modocc30=(modocc30 + occ04)
.end if
.do if (swim = 1 and timeac05 ge 30 and occ05 ge 1)
.compute modocc30=(modocc30 + occ05)
.end if
.do if (run = 1 and timeac06 ge 30 and occ06 ge 1)
.compute modocc30=(modocc30 + occ06)
.end if
.do if (football = 1 and timeac07 ge 30 and occ07 ge 1)
.compute modocc30=(modocc30 + occ07)
.end if
.do if (tennis = 1 and timeac09 ge 30 and occ09 ge 1)
.compute modocc30=(modocc30 + occ09)
.end if
.do if (squash = 1 and timeac10 ge 30 and occ10 ge 1)
.compute modocc30=(modocc30 + occ10)
.end if
.do if (acta = 1 and effort11=1 and timeac11 ge 30 and occ11 ge 1)
.compute modocc30=(modocc30 + occ11)
.end if
.end if
Variable name: mod30g
Variable label: 'Tot mod act for 30+ mins p/week - grouped'
Range: -9, 4
Missing values: -8, -9

Value labels

-9  DNA
-8  DK
  1 '0-3 (less once week)'
  2 '4-11 (1-2 times a week)'
  3 '12-19 (3-4 times a week)'
  4 '20 or more (5 or more)'

Specification:

recode modocc30 (0 thru 3=1) (4 thru 11=2) (12 thru 19=3)
  (20 thru hi=4) (else=copy) into mocc30g
Variable name: nchats1
Variable label: 'Number of visits to a doctor'
Range: -9, 4
Missing values: -9

Value labels
-9 DNA
1 '1'
2 '2'
3 '3'
4 '4 or more'

Specification:
recode nchats (sysmis = -9) (99 = -8)
recode nchats (4 thru hi = 4) (else = copy) into nchats1
Variable name: newdiast
Variable label: New diastolic bp
Range: -9, -8
Missing values: -8, -9

Value labels
-9  DNA
-8  NA

Specification:

*deriving newdiast - combining second and third diastolic readings
do if val(bprespb) = -8
compute newdiast = -8
else if bprespb = 4
compute newdiast = -9
else if bprespb = 2
compute newdiast = -8
else if val(firstdia) = -8 or val(secdia) = -8
    or val(secdia) = 0 or val(thirddia) = -8 or val(thirddia)
    = 0
compute newdiast = -8
else if bpresp = 3 and secdia gt 0 and thirddia gt 0
compute newdiast = (secdia + thirddia)/2
end if
Variable name: newlung
Variable label:
Range:
Missing Values: -9

Value labels:

Specification:

if val(lungresp) = -8
compute newlung = -9
else if val(firstlng) = -9 or val(firstlng) = -8
compute newlung = -9
else if val(seclng) = -9 or val(seclng) = -8
compute newlung = -9
else if val(thirdlng) = -9 or val(thirdlng) = -8
compute newlung = -9
else if (thirdlng ge seclng)
  .do if (seclng ge firstlng)
    .compute newlung = thirdlng
  .else if (seclng lt firstlng)
    .do if (thirdlng ge firstlng)
      .compute newlung = thirdlng
    .else
      .compute newlung = firstlng
  .end if
.end if
else if (thirdlng lt seclng)
  .do if (seclng lt firstlng)
    .compute newlung = firstlng
  .else if (seclng ge firstlng)
    .compute newlung = seclng
  .end if
.end if
Variable name: newpul
Variable label: New pulse readings
Range: -9 to hi
Missing values: -8, -9

*grouping pulse readings
recode firstpul secpul (sysmis = -9)(999,998=-8)
do if val(firstpul) = -9 or val(secpul) = -9
compute newpul = -9
else if val(firstpul) = -8 or val(secpul) = -8
compute newpul = -8
else if firstpul gt 0 and secpul gt 0
compute newpul = (firstpul + secpul)/2
end if

Variable name: newpul1
Variable label: New pulse readings - grouped
Range: -9,3
Missing values: -8, -9

Value labels
-9  DNA
-8  NA
1 'Less than 80'
2 '80-120'
3 '120 or over'

Specification:
recode newpul (30 thru 80 =1) (80 thru 120 =2) (120 thru hi =3)
(else copy) into newpul1
Variable name: newsyst
Variable label: New systolic bp
Range: -9, -8
Missing values: -8, -9

Value labels
-9  DNA
-8  NA

Specification:
*deriving newsyst - combination of second and third systolic readings
  do if val(bprespb) = -8
  compute newsyst = -8
  else if bprespb = 4
  compute newsyst = -9
  else if bprespb = 2
  compute newsyst = -8
  else if val(firstsys) = -8 or val(secsys) = -8 or val(secsys) = 0
    or val(thirdsys) = -8 or val(thirdsys) = 0
  compute newsyst = -8
  else if bpresp = 3 and secsys gt 0 and thirdsys gt 0
  compute newsyst = (secsys + thirdsys)/2
  end if
Variable name: nghthc
Variable label: 'Number of nights in health centre'
Range: -9, 4
Missing values: -9

Value labels:

-9 DNA
1 '1'
2 '2'
3 '3'
4 '4 or more'

Specification:

Recode nghtshc (sysmis = -9) (4 thru 92 = 4) (else = copy) into nighthc

Variable name: nstays1
Variable label: 'Number of hospital stays'
Range: -9, 4
Missing values: -8, -9

Value labels:

-8 NA
-9 DNA
1 '1'
2 '2'
3 '3'
4 '4 or more'

Specification:

Recode nstays (sysmis = -9) (99 = -8) recode nstays (4 thru hi = 4) (else = copy) into nstays1
Variable name: numchld1
Variable label: 'Number of children'
Range: -9, 4
Missing values: -9

Value labels:

-9 DNA
1 'One child'
2 '2 children'
3 '3 children'
4 '4 or more children'

Specification:

Recode numchld (sysmis = -9) (4 thru hi = 4) (else = copy) into numchld1
Variable name: numref1
Variable label:
Range: -9, 4
Missing values: -9

Value labels:

-9 DNA
1 '1'
2 '2'
3 '3'
4 '4 or more '

Specification:

*grouping number of occasions wanted to see the doctor
Recode numrefus (sysmis = -9)
recode numrefus (4 thru hi = 4) (else = copy) into numref1
Variable name: numwalks
Variable label: Number of walks of more than one mile
Range: -9, 5
Missing values: -9, -8

Value labels
-9  DNA
-8  NA
1 'None'
2 '1-4'
3 '5-11'
4 '12-27'
5 '28 or more'

Specification:
*recoding number of occasions on which walked a mile
do if val(wlkactyb) = -9
  compute numwalks = -9
else if val(wlkactyb) = -8
  compute numwalks = -8
else if wlkactyb = 1
  compute numwalks = 1
else if range(milenumb,1,4)
  compute numwalks = 2
else if range(milenumb,5,11)
  compute numwalks = 3
else if range(milenumb,12,27)
  compute numwalks = 4
else
  compute numwalks = 5
end if
Variable name: Pristime
Variable label: Length of time in prison
Range: 1 to 4
Missing values:

Value labels:
1 'Less than three months'
2 'Three months, less than one year'
3 'One year, less than two years'
4 'Two years or more'

Specification:

Rcode prisstay (1 thru 3 = 1) (4 = 2) (5 = 3) (6 thru 8 = 4)
into pristime
Variable name: qtyday1
Variable label: Number of cigarettes smoked per day
Range: -9 to 4
Missing values: -8 -9

Value labels
1 'Less than one'
2 '1-9'
3 '10-19'
4 '20 or more'
-9 DNA
-8 NA

Specification:
* grouping number of cigarettes
recode qtyday (sysmis = -9) (99=-8) (0=1) (1 thru 9 = 2)
(10 thru 19 =3) (20 thru hi = 4) into qtyday1

Variable name: qtytob1
Variable label: Number of ounces tobacco smoked per week
Range: -9 to 5
Missing values: -8 -9

Value labels
1 'Less than one'
2 '1 ounce'
3 '2 ounces'
4 '3 ounces'
5 '4 or more'
-9 DNA
-8 NA

Specification:
recode qtytob (sysmis=-9) (99=-8) (0=1) (1 thru 4= 2)
(5 thru 8 = 3) (9 thru 12 = 4) (13 thru hi = 5) into qtytob1
Variable name: respire
Variable label: Whether had resp disease last year
Range: 1 to 2
Missing values:

Value labels
1 'Yes'
2 'No'

Specification:
*computing whether had respiratory condition in last year
do if val(chcklist) = 9 or chcklist = 2
compute respire = 2
else if any(2,val(cndtion0), val(cndtion1), val(cndtion2),
val(cndtion3))
compute respire = 1
else
compute respire = 2
end if

Variable name: respire2
Variable label: Whether has longstanding resp disease
Range: 1 to 2
Missing values:

Value labels
1 'Yes'
2 'No'

Specification:
do if val(illness) = 9 or illness = 2
compute respire2 =2
else if any(22,val(codeill0), val(codeill1), val(codeill2),
val(codeill3), val(codeill4), val(codeill5)) or
any(23,val(codeill0), val(codeill1), val(codeill2),
val(codeill3), val(codeill4), val(codeill5)) or
any(24,val(codeill0), val(codeill1), val(codeill2),
val(codeill3), val(codeill4), val(codeill5)) or
any(25,val(codeill0), val(codeill1), val(codeill2),
val(codeill3), val(codeill4), val(codeill5))
compute respire2 =1
else
compute respire2 =2
end if
Variable name: rolls2
Variable label: Freq eat bread/rolls
Range: -8, 5
Missing values: -8, -9

Value labels:

-8  DK, NA
1 '1-2 days or less'
2 '3-4 days a week'
3 '5-6 days a week'
4 'Once every day'
5 'More than once a day'

Specification:
recode rolls (1=5) (2=4) (3=3) (4=2) (5,6,7,8=1) (-8=-8) (-9=-9)
into rolls2
Variable name: run
Variable label:
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification

do if any(7,val(whchac00), val(whchac01), val(whchac02),
val(whchac03),
    val(whchac04), val(whchac05), val(whchac06),
val(whchac07),
    val(whchac08), val(whchac09), val(whchac10),
val(whchac11))
compute run = 1
else
compute run = 2
end if
Variable name: SCALL
Variable label: Social class
Range: 1 to 8
Missing Values: -9

Value labels:
1  I Professional
2  II Intermediate
3  IIIN Skilled non-man
4  IIIM Skilled man
5  IV Semi-skilled
6  V Unskilled
7  Armed forces
8  Never worked

Variable name: SCALL1
Variable label: Soc class of informant - grouped
Range: 1-4
Missing values: -9, -8, -7

Value labels:
1  I & II
2  III non-man
3  III manual
4  IV & V
-9 AF/Nvrwkd
-8 N/a
-7 NR/Pr

Specification:
Recode   SCALL (1,2=1) (3=2) (4=3) (5,6=4) (7,8,9,-9= -9)
(else=copy) into SCALL1

Variable name: Socman
Variable label: Social class - grouped
Range: 1 to 3
Missing Values: -9

Value labels:
1  'Non-manual'
2  'Manual'
3  'AF, Nvrwkd, Criminal'

Specification
recode socphs (1 = 1)(2,3 = 2)(4 = 3) into socman
Variable name: semeron
Variable label:
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification:

*creating dv to exclude semeron users
do if range(drugtake,2,3)
  compute semeron = 2
else if drugtake = 1
  .do if any(9,val(whchdr00), val(whchdr01), val(whchdr02),
    val(whchdr03),
    val(whchdr04), val(whchdr05), val(whchdr06),
    val(whchdr07),
    val(whchdr08), val(whchdr09), val(whchdr10),
    val(whchdr11),
    val(whchdr12), val(whchdr13), val(whchdr14))
  .compute semeron = 1
  .else
  .compute semeron = 2
  .end if
.end if
Variable name: sent
Variable label: Length of sentence
Range: 1 to 10
Missing values:

Value labels:
1 '4 months or less'
2 '4-6 months'
3 '6-18 months'
4 '18 mths - 3 yrs'
5 '3-4 years'
6 '4-7 years'
7 '7-10 years'
8 '10-14 years'
9 'Over 14 years'
10 'Lifers'

Specification:
* Recoding sentence length

do if (slgthyr = 97)
    compute sent = 10
else if ((slgthyr = 0) and (slgthmth le 3))
    or ((slgthyr = 0) and (slgthmth = 4) and
        (slgthdys = 0))
    compute sent = 1
else if ((slgthyr = 0) and (slgthmth lt 6))
    or ((slgthyr = 0) and (slgthmth = 6) and (slgthdys = 0))
    compute sent = 2
else if ((slgthyr = 1) and (slgthmth = 6))
    or ((slgthyr = 1) and (slgthmth = 6) and (slgthdys = 0))
    or ((slgthyr = 0) and (slgthmth ge 6))
    compute sent = 3
else if ((slgthyr = 3) and (slgthmth =0) and (slgthdys = 0))
    or (slgthyr = 2)
    or ((slgthyr = 1) and (slgthmth ge 6))
    compute sent = 4
else if((slgthyr = 4) and (slgthmth =0) and (slgthdys = 0))
    or (slgthyr = 3)
    compute sent = 5
else if((slgthyr = 7) and (slgthmth =0) and (slgthdys = 0))
    or range (slgthyr 4,6)
    compute sent = 6
else if((slgthyr = 10) and (slgthmth =0) and (slgthdys = 0))
    or range (slgthyr 7,9)
    compute sent = 7
else if((slgthyr = 14) and (slgthmth =0) and (slgthdys = 0))
    or range (slgthyr 10,13)
    compute sent = 8
else if (slgthyr lt 97)
    compute sent = 9
end if
Variable name: sentps  
Variable label: Length of sentence - grouped  
Range: 1 to 3  
Missing values:

Value labels

1 'Short'
2 'Medium'
3 'Long'

Specification:

```plaintext
do if range(age,16,20).
do if range(sent,1,3).
compute sentps = 1
.else if sent = 4
.compute sentps = 2
.else if sent gt 4
.compute sentps = 3
.end if
.else if age ge 21
.do if range(sent,1,3)
.compute sentps = 1
.else if range(sent,4,5)
.compute sentps = 2
.else if sent gt 5
.compute sentps = 3
.end if
.end if
```

Variable name: slength  
Variable label:  
Range:  
Missing values: -9

Specification:

```plaintext
do if (slgthyr lt 97)
compute slength = -9
else if range (slgthyr,0,29)
compute slength =(slgthyr*365) + (slgthmth*30) + (slgthdys))/365
```
Variable name: socman1
Variable label:
Range: 1 to 2
Missing values:

Value labels
1 'Non-manual'
2 'Manual'

Specification:
Recode sochps (1=1) (2 thru 4=2) into socman1

Variable name: socman2
Variable label:
Range: 1 to 3
Missing values:

Value labels
1 'Non-manual'
2 'Manual'
3 'Other'

Specification:
Recode sochps (1=1) (2 thru 4=2) (4 thru hi=3) into socman2
Variable name: socphs
Variable label: Social class - grouped
Range: 1 to 4
Missing values:

Value labels

1 'Non-manual'
2 'Skilled manual'
3 'Semi-skilled and unskilled'
4 'Armed forces and never worked'

Specification:

recode scall (1 thru 3 = 1)(4 = 2)(5,6 = 3)(7,8 = 4) into socphs
Variable name: sprtacty
Variable label:
Range: 1 to 4
Missing values: -8, -9

Value labels
1 'Inactive'
2 'Light activity'
3 'Moderate active'
4 'Vigorous active'

Specification:

* deriving sporting activity
do if val(actany) = -8
compute sprtacty = -8
else if val(actany) = -9
compute sprtacty = -9
else if actany = 2
compute sprtacty = 1
else if (circuit = 1 and effort00 = 1)
or (cycle = 1 and effort01 = 1)
or (aero = 1 and effort03 = 1)
or (wtrain = 1 and effort04 = 1)
or (swim = 1 and effort05 = 1)
or (run = 1)
or (football = 1 and effort07 = 1)
or (tennis = 1 and effort09 = 1)
or squash = 1
compute sprtacty = 4
else if circuit = 1
or cycle = 1
or (exact = 1 and effort02 = 1)
or aero = 1
or wtrain = 1
or swim = 1
or football = 1
or (cricket = 1 and effort08 = 1)
or tennis = 1
or (acta = 1 and effort11 = 1)
compute sprtacty = 3
else if exact = 1
or cricket = 1
or acta = 1
compute sprtacty = 2
end if
Variable name: squash
Variable label:
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification:

```spss
do if any(11,val(whchac00), val(whchac01), val(whchac02),
val(whchac03),
  val(whchac04), val(whchac05), val(whchac06),
val(whchac07),
  val(whchac08), val(whchac09), val(whchac10),
val(whchac11))
compute squash = 1
else
compute squash = 2
end if
```
Variable name: sweets2
Variable label: Freq eat sweets
Range: -8, 1
Missing values: -8,-9

Value labels
-8  DK, NA
1 'Rare/never'
2 'Less once a week'
3 '1-2 'days a week'
4 '3-6 days a week'
5 'Every day

Specification:
recode sweets (1,2=5) (3,4=4) (5=3) (6,7=2) (8=1) (-8=-8) (-9=-9)
into sweets2
Variable name: swim
Variable label:
Range: 1 to 2
Missing values:

Value labels
1 'Yes'
2 'No'

Specification:

do if any(6,val(whchac00), val(whchac01), val(whchac02),
           val(whchac03),
           val(whchac04), val(whchac05), val(whchac06),
           val(whchac07),
           val(whchac08), val(whchac09), val(whchac10),
           val(whchac11))
  compute swim = 1
else
  compute swim = 2
end if
Variable name: sysbp
Variable label: Systolic bp - broad gps
Range: -9, 4
Missing values: -8, -9

Value labels
-8  NA
-9  DNA
1 'Lt 140'
2 '140<160'
3 '160<180'
4 '180 or over'

Specification:
*deriving sysbp - mean systolic bp, broad groups
recode newsyst (-9 = -9) (-8 = -8) (lo thru 139.5=1)
(140 thru 159.5 =2)(160 thru 179.5 =3)
(180 thru hi = 4) into sysbp

_______________________________

Variable name: sysbp1
Variable label: Systolic bp - grouped
Range: -9, 10
Missing values: -8, -9

Value labels
-8  NA
-9  DNA
1 'Lt 120'
2 '120<130'
3 '130<140'
4 '140<150'
5 '150<160'
6 '160<170'
7 '170<180'
8 '180<190'
9 '190<200'
10 '200 or over'

Specification:
*deriving sysbp1 - mean systolic, grouped
recode newsyst (-9 = -9) (-8 = -8) (lo thru 119.5 =1)
(120 thru 129.5 =2)(130 thru 139.5 =3)
(140 thru 149.5 =4)(150 thru 159.5 =5)
(160 thru 169.5 =6)(170 thru 179.5 =7)
(180 thru 189.5 =8 )(190 thru 199.5 =9)
(200 thru hi = 10) into sysbp1
Variable name: tabsalt1
Variable label: Salt added to meal
Range: -8, 4
Missing values: -8, -9

Value labels
-8  NA
  1 'Rarely/never'
  2 'Taste and occ add'
  3 'Taste and gen add'
  4 'Gen add without taste'

Specification:
recode tabsalt (1=4) (2=3) (3=2) (4=1) (else=copy) into tabsalt1
Variable name: tennis
Variable label:
Range: 1 to 2
Missing values:

Value labels

1 'Yes'
2 'No'

Specification:

do if any(10, val(whchac00), val(whchac01), val(whchac02),
val(whchac03),
   val(whchac04), val(whchac05), val(whchac06),
val(whchac07),
   val(whchac08), val(whchac09), val(whchac10),
val(whchac11))
compute tennis = 1
else
compute tennis = 2
end if
Variable name: veges2
Variable label: Freq eat veg/salad
Range: -8, 5
Missing values: -8, -9

Value labels

-8  DK, NA
1 '1-2 'days or less'
2 '3-4 'days a week'
3 '5-6 days a week'
4 'Once every day'
5 'More than once a day

Specification:
recode veges (1=5) (2=4) (3=3) (4=2) (5,6,7,8=1) (-8=-8) (-9=-9)
into veges2
Variable name: vigoccsp
Variable label: Number of occasions of vigorous activity
Range:
Missing values: -8, -9

Value labels

Specification:
Do if val (sprtacty) = -9
compute vigoccsp = -9
else if val (sprtacty) = -8
compute vigoccsp = -8
else if range (sprtacty1,3)
compute vigoccsp = 0
else if sprtacty = 4
compute vigoccsp = 0
  do if (circuit = 1 and effort00 = 1 and occ00 ge 1)
    compute vigoccsp = occ00
  end if
  do if (cycle = 1 and effort01 = 1 and occ01 ge 1)
    compute vigoccsp = (vigoccsp + occ01)
  end if
  do if (aero =1 and effort03 =1 and occ03 ge 1)
    compute vigoccsp = (vigoccsp + occ03)
  end if
  do if (wtrain =1 and effort04 =1 and occ04 ge 1)
    compute vigoccsp = (vigoccsp + occ04)
  end if
  do if (swim =1 and effort05 =1 and occ05 ge 1)
    compute vigoccsp = (vigoccsp + occ05)
  end if
  do if (run =1 and effort06 =1 and occ06 ge 1)
    compute vigoccsp = (vigoccsp + occ06)
  end if
  do if (football =1 and effort07 =1 and occ07 ge 1)
    compute vigoccsp = (vigoccsp + occ07)
  end if
  do if (tennis =1 and effort09 =1 and occ09 ge 1)
    compute vigoccsp = (vigoccsp + occ09)
  end if
  do if (squash =1 and effort10 =1 and occ10 ge 1)
    compute vigoccsp = (vigoccsp + occ10)
  end if
  do if (acta =1 and effort11 =1 and occ11 ge 1)
    compute vigoccsp = (vigoccsp + occ11)
  end if
end if
Variable name: vigoccsp1  
Variable label: Number of occasions of vigorous activity  
Range: -9,5  
Missing values: -9, -8  

Value labels  
-8 NA  
-9 DNA  
1 'None'  
2 '1-4'  
3 '5-11'  
4 '12-27'  
5 '28 or more'

Specification:  
recode vigoccsp (0=1) (1 thru 4= 2) (5 thru 11= 3) (12 thru 27=4)  
(28 thru hi =5) (else = copy) into vgoccsp1
Variable name: vig20sp
Variable label:
Range:
Missing values: -8, -9

Value labels

Specification:
do if val(sprtacty) = -9
compute vig20sp = -9
else if (sprtacty) = -8
compute vig20sp = -8
else if range (sprtacty1,3)
compute vig20sp = 0
else if sprtacty = 4
compute vig20sp = 0
.do if (circuit=1 and effort00 = 1 and timeac00 ge 20 and occo
ge 1)
.compute vig20sp=occ00
.end if
.do if (cycle=1 and effort01 = 1 and timeac01 ge 20 and occo1 ge
1)
.compute vigsp20=(vig20sp + occ01)
.end if
.do if (aero=1 and effort03 = 1 and timeac03 ge 20 and occo3 ge
1)
.compute vig20sp=(vig20sp + occ03)
.end if
.do if (wtrain=1 and effort04 = 1 and timeac04 ge 20 and occo4
ge 1)
.compute vig20sp=(vig20sp + occ04)
.end if
.do if (swim=1 and effort05 = 1 and timeac05 ge 20 and occo5 ge
1)
.compute vig20sp=(vig20sp + occ05)
.end if
.do if (run=1 and effort06 = 1 and timeac06 ge 20 and occo6 ge
1)
.compute vig20sp=(vig20sp + occ06)
.end if
.do if (football=1 and effort07 = 1 and timeac07 ge 20 and occo7
ge 1)
.compute vig20sp=(vig20sp + occ07)
.end if
.do if (tennis=1 and effort09 = 1 and timeac09 ge 20 and occo9
ge 1)
.compute vig20sp=(vig20sp + occ09)
.end if
.do if (squash=1 and effort10 = 1 and timeac10 ge 20 and occo10
ge 1)
.compute vig20sp=(vig20sp + occ10)
.end if
.do if (acta=1 and effort11 = 1 and timeac11 ge 20 and occ11 ge
1)
.compute vig20sp=(vig20sp + occ11)
.end if
end if
Variable name: vig20sp1
Variable label: Number of occasions of vigorous activity
Range: -9,5
Missing values: -9, -8

Value labels
-8 NA
-9 DNA

1 'None'
2 '1-4'
3 '5-11'
4 '12-27'
5 '28 or more'

Specification:
recode vig20sp (0=1) (1 thru 4= 2) (5 thru 11= 3) (12 thru 27=4)
(28 thru hi =5) (else = copy) into vg20sp1
Variable name: walking
Variable label: 'Number of moderate walks'
Range: -9,
Missing values: -8, -9

Specification:

recode milenumb (sysmis = -9)(98,99 = -8)
missing values milenumb (-8,-9)
do if val(wlkactyb) = -9
compute walking = -9
else if val(wlkactyb) = -8
compute walking = -8
else if range(wlkactyb,1,2)
compute walking = 0
else
compute walking = milenumb
end if

Variable name: wlkactyb
Variable label: walking activity
Range: -9, 3
Missing values: -8, -9

Value labels

-8   NA
-9   DNA
1 'Inactive'
2 'Light activity'
3 'Moderate activity

Specification:

*derived differently from HS to exclude those in prison for <4 weeks
do if val(walkb) = -9
compute wlkactyb = -9
else if val(milewlkb) = -8 or val(walkpace) = -8
compute wlkactyb = -8
else if val(milewlkb) = -9 or milewlkb = 2
compute wlkactyb = 1
else if milewlkb = 1
.do if range(walkpace,1,2)
.compute wlkactyb = 2
.else if range(walkpace,3,4)
.compute wlkactyb = 3
.end if
.end if
Variable name: wtbefgp
Variable label: Weight before imprisonment
Range: -9, 5
Missing values: -7, -8, -9

Value labels

-7 Don't know
-8 NA
-9 DNA
1 'Less than 60'
2 '60, less than 70'
3 '70, less than 80'
4 '80, less than 90'
5 '90 or more'

Specification:

*Recoding height, weight and weight before (wtbefor)
recode wtbefor (35 thru 59.99=1) (60 thru 69.99=2)
   (70 thru 79.99=3)(80 thru 89.99=4)(90 thru hi=5)
   (else=copy)into wtbefgp

Variable name: wtgm
Variable label: Weight grouped (kg)
Range: -9, 5
Missing values: -7, -8, -9

Value labels

-7 Don't know
-8 NA
-9 DNA

1 'Less than 60'
2 '60, less than 70'
3 '70, less than 80'
4 '80, less than 90'
5 '90 or more'

Specification:

recode weight (35 thru 59.99=1) (60 thru 69.99=2)
   (70 thru 79.99=3)(80 thru 89.99=4)(90 thru hi=5)
   (else=copy)into wtgm
Variable name: wtrain
Variable label:
Range: 1 to 2
Missing values:

Value labels
1 'Yes'
2 'No'

Specification:

do if any(5, val(whchac00), val(whchac01), val(whchac02),
    val(whchac03),
    val(whchac04), val(whchac05), val(whchac06),
    val(whchac07),
    val(whchac08), val(whchac09), val(whchac10),
    val(whchac11))
    compute wtrain = 1
else
    compute wtrain = 2
end if