

Protocol of the study

Introduction

Much of the information on the overall situation of the elderly, including their medical and social problems, arbitrarily groups together all those over a particular age, usually the retiring age. However, present evidence suggests that the elderly are far from being a homogeneous group and that the use of health services varies greatly with age, even within the elderly group. Age changes cause changes in morbidity. There may be different rates of aging in different countries and people's health expectations may also vary from country to country and be reflected in the use of health services. The rate of aging may also vary over time with changes in economic and other factors.

It was therefore decided to conduct an international study with the aim of collecting information on the elderly. Preparations for this study were initiated at a meeting held in Copenhagen in December 1976, which considered the broad orientation of a baseline study to be used for this purpose. Subsequently a protocol was drawn up and used in recruiting investigators from countries intending to participate in the study, and a questionnaire was prepared and tested in the field.

An initial meeting of the investigators was held in Kiev in November 1977. The study protocol and questionnaire were reviewed and suggestions made for revisions, which were carried out by a steering group convened in Copenhagen in February 1978. The meeting also recommended that pilot studies be undertaken: these were conducted in Finland, Poland, the USSR, and Yugoslavia. In September 1978 the investigators concerned attended a meeting in Copenhagen, at which they proposed modifications in the protocol and questionnaire in the light of the experience gained in the pilot studies.

At a meeting held in Cavtat, Yugoslavia, from 7 to 10 November 1978, the final versions of the study protocol and questionnaire were reviewed and adopted.

Aim of the Study

The aim of this interdisciplinary study, which is being conducted in several different countries, is to produce standardized data, at present unavailable, on various aspects of the life and health of elderly people and on their use of health services. Data will be obtained directly from representative samples

of the elderly. It is recognized that the use of health services depends not only on the level of health of populations but also on the available social support. Therefore an inquiry on health and functional capabilities, living habits, and social support will be required. Details of life satisfaction and psychosocial factors will also be obtained.

The study will provide baseline data for comparison with future studies (cohort effect). Demographic projections in several countries suggest that the age structure of the group under consideration will change appreciably during the next decade or so, and that an increasing proportion of the elderly will consist of the very old. The study will collect information on the implications for health services of these predicted demographic changes. Previous studies in this field have rarely been population-based and the samples have often not been representative. Few comparative studies have considered medical and social factors together.

In addition to providing the information needed to plan health services for the elderly in future years, the study may also generate hypotheses about levels of health, the process of aging, and the need for services in different countries. These may form a basis for research studies on intervention aimed at the prevention of premature disability.

Methodology of the Study

Introduction

It is proposed to conduct a basic cross-sectional comparative study in a number of participating countries. Fourteen countries have agreed to take part by November 1978 and a few more may participate. The present protocol outlines the method to be used in the study, and the type of information that will be collected. It is suggested that some countries may wish to extend this basic study and include larger numbers, survey additional age groups, collect further data, or make additional measurements that would be useful to them. Additional studies which critically evaluate the answers to the questions on health status and functional capability by examination of probands are highly desirable. Whenever possible, national studies should also aim to evaluate the value of existing services for the elderly. Such extensions to the basic study are encouraged and some other examples are given below. However, decisions on their extent and ways of coordinating them should be made by each country separately. The basic protocol and questionnaire are now in their final form and should not be changed.

The basic study will use a similar methodology in all the participating countries. It will consist of a package of questions and interviewer evaluations that have, wherever possible, been tested in other studies — studies for the most part conducted among elderly populations. In 1978 four pilot studies were conducted in Finland, Poland, the USSR, and Yugoslavia and field testing of the questionnaire took place in four other countries. To facilitate the coordination of data collection and to speed up data handling and analysis, a precoded questionnaire will be used. Translation from English into the language of each area will be the responsibility of the

participating country. It is suggested that epidemiologists, as well as translators, should be involved in this task and that the accuracy of the translation should be checked by having the document retranslated into English and then comparing it again with the original English version. In addition, each country will critically examine the face validity of the translated questionnaire. Eight countries have already tested the translated questionnaire in the field.

Although the comparative study is cross-sectional, it is hoped that some countries will be able to follow up the samples, at least in some age groups, and thus obtain the advantages of additional information available only in a longitudinal study.

The sample

Age range to be studied, sample size, and method of sampling

There is no agreed definition of an elderly person: the usual retiring age varies from country to country. The sample should be selected from six five-year age groups. These groups, defined by calendar year of birth, are as follows: 1919–1915 (aged 60–64 years); 1914–1910 (aged 65–69 years); 1909–1905 (aged 70–74 years); 1904–1900 (aged 75–79 years); 1899–1895 (aged 80–84 years); and 1894–1890 (aged 85–89 years). In addition, some countries may wish to include younger or older groups. With the older groups it may only be possible to study women, because of the smaller number of men surviving to such ages. A factor limiting sample size is cost and, in order to obtain reliable estimates for most of the data to be collected, there should be a minimum of 100 individuals of each sex in each five-year age group.

A systematic sampling method should be used within each age/sex group, with a different sampling ratio in each such group. This would give a minimum of 1200 persons (but see the section on geographical area, below). Some countries may wish to include extra groups immediately before and after retirement in order to examine the effect of retirement on the use of health services. Some countries may also wish to include larger numbers in at least some of the age groups for use in longitudinal studies. In order to obtain appreciably more accurate estimates, however, the sample size should be increased by a whole order of magnitude (perhaps to about 500–1000 individuals).

Substitution for individuals not available or the refusal of probands to cooperate would make the survey more expensive. Moreover, the substitutions might not be similar to the non-respondents in the original sample. This problem is best tackled by a pilot study of the sampling frame and increasing the number in the subsample (say to 130 or more in some subgroups) if this is found necessary to make up the final number of respondents in each subgroup to approximately 100. Much depends on the accuracy of the sampling frame and the age and mobility of the population in the survey area. If some countries should wish to use substitutes in their own analyses, it is important that the data for the original sample (i.e., excluding substitutes) should be used for comparison with other countries. An

important priority in every country is a high response rate in the study. It was, however, agreed that as much information as possible should be gained about the non-respondents, including, wherever possible, the reason(s) for non-response in each case.

Sampling base

The base to be used will have to vary depending on the sources available. The most appropriate base would be current national personal registers giving ages, or some other form of comprehensive register that could be used as a sampling frame. A special listing of the elderly in a given community may be useful, but may prove expensive for the size of population required. It is most important that a representative sample of individuals be obtained. Great care should be taken not to omit those elderly who are in institutions of any sort or who are mentally retarded, physically handicapped, mentally ill, or in other similar groups. For this, a separate sample or check of these groups in and near the study areas may be needed. To help ensure comparability it is suggested that each country should send details of its sampling intentions to the WHO Regional Office for Europe, Copenhagen, as soon as they are decided.

Geographical area of study

There are important urban/rural differences in morbidity and mortality, which vary in extent from country to country. It is desirable for each participating country to select a fairly representative area for the study. The population of the study area should have a socioeconomic structure similar to that of the country as a whole, although this may not be practical in each country. Both urban and rural areas (and suburban areas as well) should be included if possible. Each country should aim to sample urban and rural areas in approximately the ratio in which they occur in the country as a whole. In practice, some of these suggestions may be difficult to adopt. If it is possible to conduct the survey, for example, only in an urban area, this should not eliminate that area from the cooperative study. Indeed, the comparison of areas in large cities may be the most meaningful and it is important that each country include such an area in its study area. In any case, each country should describe the characteristics of the study area (density of population, centres of population, and occupational pattern).

The geographical area may have to be fairly large in order to include enough of the population, especially the older age groups. Lower numbers than 100 in the oldest age group (85–89 years) would, however, be acceptable, as the use of health services at these ages will be more extensive and reliable estimates of use will hence be possible on the basis of a smaller sample size. As far as is practical, the geographical area should be so defined as to include the number of institutions of various kinds (for the mentally retarded, physically handicapped, mentally ill, etc.) typical of the country as a whole.

Timing of survey

To standardize for seasonal variations in replies to the questions it is hoped that the surveys can be conducted mainly in the first half of 1979, although this may not be possible in all countries.

Method of data collection

Interviewers

Data will be obtained by a trained interviewer visiting the sample population in their homes. When probands are in institutions, and unlikely to return to their homes before the completion of the survey, they will be interviewed in the institution with a modified questionnaire. The forms will be precoded. In order to obtain a high response rate the interview will be kept simple. All interviewers will have a training period of about two weeks (but often longer), which should be at an institute with experience in conducting community surveys. Training the interviewers is the responsibility of each country, but advice may be obtained from the WHO Regional Office in Copenhagen. (Guidelines for the training of interviewers are given in Annex 3.)

Each country should try to include a social scientist with experience of such surveys in its coordinating committee. The interviewers should, if possible, be female, and of similar age and background. Retired nurses were suggested, but some countries may have to use medical students or other groups.

Countries may wish to send a letter to the probands to arrive shortly before the interview date. This should give the name of the interviewer and the research unit conducting the study, and state that the interview is part of an international survey. Before the survey, police and other authorities and, if desirable, the medical profession should be notified. A standard introduction by the interviewer will reduce the possibilities of bias. The interviewer should introduce herself, mention the research unit conducting the study, refer to the initial letter to the proband, and ask to come in to discuss the survey with the proband. The fact should be stressed that all the information is for research purposes and confidential, and that individuals will not be identified. It should also be mentioned that the survey is part of an international study of the elderly and that some questions may not be relevant to certain individuals in the study.

Individuals should not be offended or distressed by any of the questions, as many may apply only to certain people, but it is necessary to ask them in all cases. The cooperation of the proband is then invited. At the end of the interview the interviewer should thank the proband for his or her help. Any action that may be required as a result of the visit, such as referral to a doctor or the social services, will be with the proband's permission and such action will have been considered by each country before the survey starts. The time taken to complete the questionnaire in the pilot studies varied from under 1 to over 3 hours.

After training, each interviewer will be familiar with the questionnaire and evaluations. Some monitoring of observer variation (both intra- and

inter-observer variation) is desirable in each country. Quality control will be effected by regular scrutiny of completed questionnaires in respect of completeness and by a small number of repeat interviews (a few for each interviewer) being carried out by an experienced interviewer. Some countries may wish to interview spouses as an optional extra. In such cases the proband should be interviewed first, individually if possible. Furthermore, these optional extra interviews should be excluded from the main analysis and if studied this should be done separately.

Proxy interviews

When the interviewer finds it impossible, or not meaningful, to interview the proband, every effort should be made to interview a relative or neighbour who plays the major part in looking after the proband. This person is likely to know most of the information that the study seeks. One important factor calling for a proxy interview is the proband's memory. If it does not reach the required standard, the interview with the proband will be abandoned and a proxy interview substituted. This decision will be made if there are two or more mistakes in questions 1 and 2. In each case, the reason for the proxy interview will be recorded. Unless a definite decision is made to conduct a proxy interview, all information must be obtained direct from the proband with no help from anyone else. Similarly, if the interview is with the proxy, it is with the proxy only, and no information should be sought from the proband for any of the questions. A separate analysis of such interviews will be possible. The questionnaire for proxy interviews will have certain, mainly subjective, questions omitted as indicated in the questionnaire. If the subject is in a hospital or some other institution, the interviewer should wait to see if he or she is likely to return home during the survey period. If not, the proband should be interviewed in the hospital or institution. For those in institutions some questions will have to be omitted and others added and a classification of institutions will be made. The questions to be omitted are 13-14, 16-30, 33, 54-58, 77-82, 108-112.

Response rate

A high response rate is particularly important in a survey of this type. In many epidemiological surveys the response rate decreases in the elderly. Contacting professional health workers and informing them of the study may, in some countries, help to increase the response rate. If possible, some description of the individuals not seen in the survey is highly desirable. One method of obtaining this information may be by contacting health workers.

Information required

The questionnaire seeks information in a standardized way on six aspects:

- (1) background,
- (2) health and functional capability,
- (3) use of and need for health and social services,

- (4) way of life,
- (5) standard of living,
- (6) other problems specific to each country.

Each country should include additional questions according to its own requirements; usually these should be placed at the end of the questionnaire. Some countries may wish to include a physical examination and special investigations, but these are not part of the basic protocol. If physical examinations and special investigations are to be used for international comparisons, standardization of the methods and parameters used by the different countries is necessary.

Analysis and use of the data

The final coding of the questionnaire should be decided by the statisticians responsible for its processing. The WHO Regional Office for Europe will undertake the tabulation and primary analysis. Eighty-column punch cards or magnetic tape are acceptable, but WHO cannot undertake coding or manual validation. These tasks must be performed in each participating country. The Regional Office, in cooperation with participating centres, will prepare a standard coding book as well as guidelines for clearing the data to be used by all participating countries. It is possible that WHO will provide some basic data for individual countries, if required, as well as international comparisons. It was agreed that punch cards (duplicate) should be ready by September/October 1979. Preparation of the report should begin early in 1979 with consideration of tables, etc., so that the initial findings of the international study can be made available as soon as possible in 1980. Population pyramids and data on health and social services will be required for central analysis from each survey area. National reports, which are the responsibility of each participating country, should be prepared as soon as possible after each survey.

It is essential that each country should report its response rate, for each sex/age group, in a standard way. This should be done as follows:

Total number of subjects sampled

Number of completed questionnaires (all questions are answered, except legitimate omissions for proxy interviews and persons in institutions as specified in the protocol and questionnaire)

Number of partially completed questionnaires (one or more question(s) unanswered, apart from legitimate omissions as above)

Number of proxy interviews

Number of deaths before survey started

Number of deaths during survey (before questionnaire completed)

Number of subjects who had moved within the study area

Number of subjects who had moved outside the study area

Number of subjects who had moved to an unknown location

Number of subjects who could not be contacted

Number of subjects who were too ill to participate and proxy interviews were impossible

Number of subjects who refused to participate

Number of subjects who failed to participate for other reasons

★ ★ ★

Countries may, of course, make any use they wish of their own data. Any publication of combined data will only take place with the agreement of the participating centres and full credits will be given. All data held by the WHO Regional Office for Europe will remain the property of the participating centres which supplied them.

Questionnaire for the study

*Health and use of health services
by the elderly*

Number

Record before interview Name

Address

.....

.....

Sex M F

Date of birth

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 Age years

Day Month Year

I'd like to ask you a few basic questions about yourself and your jobs – first of all.

- | | | |
|--------------------------------------|---|-----|
| 1. How old are you? | Code: Correct (± 2 years) | - 1 |
| | Incorrect | - 2 |
| ..... | Do not know | - 3 |
| | Unable to check answer | - 4 |
| | No response | - 9 |
| | | |
| 2(a) When is your birthday? | Code: Correct date and month | - 1 |
| date month. | Incorrect | - 2 |
| | Do not know | - 3 |
| | Unable to check answer | - 4 |
| | No response | - 9 |
| | | |
| (b) In what year were you born? | Code: Correct | - 1 |
| ..... | Incorrect | - 2 |
| | Do not know | - 3 |
| | Unable to check answer | - 4 |
| | No response | - 9 |
| | | |
| (c) What is your exact address here? | Code: Correct (accepting small differences) | - 1 |
| ..... | Incorrect | - 2 |
| ..... | Do not know | - 3 |
| ..... | No response | - 9 |
| | | |

Complete this box for proxy interviews (more than 2 mistakes in questions 1-2).

Name of informant Age years

Address

.....

Relation to subject	Code: First degree relative	- 1
	Other relative	- 2
	In-law	- 3
	Other	- 4

For *proxy interviews* omit all questions with *

For *interviews in institutions* omit all questions marked †

- | | | |
|--|---|-------|
| 3. Legally, are you married now, or widowed, divorced, separated, or single? | Code: Never married | - 1 |
| | Married | - 2 |
| | Widowed | - 3 |
| | Divorced | - 4 |
| | Separated | - 5 |
| | Not answered | - 6 |
| 4(a) For how many years did you have full-time education? | | years |
| (b) What is the highest educational level obtained? | Code: Less than primary | - 1 |
| | Primary | - 2 |
| | Secondary | - 3 |
| | University or equivalent | - 4 |
| 5. How about your job (vocational or professional) training? Did you have: | No training? | - 1 |
| | Part-time training? | - 2 |
| | Full-time training for less than 2 years? | - 3 |
| | Full-time training for 2 years or more? | - 4 |
| 6. What is or was your main occupation, the occupation you had for the longest time? | | |
| 7. What is your basic source of income: | (Code <i>main</i> source only) | |
| | Professional work? | - 1 |
| | Pension? | - 2 |
| | Dependence on family including spouse? | - 3 |
| | Social care? | - 4 |
| | Other? | - 5 |
| [8. Complete either (i) for pensioner or (ii) for non-pensioner.] | | |
| 8(i) <i>If pensioner</i> | | |
| (a) What kind of pension do you have: | A worker's pension? | - 1 |
| | An invalid pension? | - 2 |
| | A widow's pension? | - 3 |
| | Or other pension? | - 4 |

- (b) For how long have you been retired? years
- (c) Did you change to some intermediate occupation for the last 5 years before retiring? Code: Yes - 1
No - 2
- (d) Do you work: (Code lowest applicable number only)
In full-time employment? - 1
In part-time employment - 2
Occasionally? - 3
Housework? - 4
Or don't you work now? - 5
- (e) *If not in main occupation now:*
Did you leave your main occupation because of:
Age? - 1
Ill health? - 2
Redundancy? - 3
Invalidity? - 4
Better occupation? - 5
Couldn't find appropriate work? - 6
Never employed? - 7
Other reasons? - 8
- * (f) *If not working:*
Would you like to return to work? Code: Yes - 1
No - 2
Not sure - 3
- * *If yes:*
What are your conditions:
Part-time employment? - 1
Easier job? - 2
Change of working conditions? - 3
Place of work should be dependent on place of residence - 4
Other conditions - 5
- 8(ii) *If not a pensioner*
- (a) What is your present work status:
Full-time employment? - 1
Part-time employment? - 2
Not employed because of ill health? - 3
Not employed because of unemployment? - 4
Not employed for other reasons? - 5
Housewife only? - 6
Not relevant - 7
- If in part-time employment (2):*
Is this more than half time? - 1
About half time? - 2
Less than half time? - 3
Not relevant - 4

- (b) *If not in main occupation now:* (Code *main* reason only)
- | | | |
|--|---------------------------------|-----|
| Did you leave your main occupation (specify) because of: | Age? | - 1 |
| | Ill health? | - 2 |
| | Redundancy? | - 3 |
| | Invalidity? | - 4 |
| | Better occupation? | - 5 |
| | Couldn't find appropriate work? | - 6 |
| | Never employed? | - 7 |
| | Other reasons? | - 8 |
| | Not relevant | - 9 |
- * (c) *If not working:*
- | | | |
|-----------------------------------|-----------|-----|
| Would you like to return to work? | Code: Yes | - 1 |
| | No | - 2 |
| | Not sure | - 3 |
- * *If yes:* (Code *main* condition only)
- | | | |
|---------------------------|--|-----|
| What are your conditions: | Part-time employment? | - 1 |
| | Easier job? | - 2 |
| | Change of working conditions? | - 3 |
| | Place of work should be dependent on place of residence? | - 4 |
| | Other conditions? | - 5 |
9. What is or was the main occupation of your husband/wife?
- Now I am going to ask you some questions about where you live and the facilities that you have here.*
10. How long have you been living at your present address? Code: Number of years
11. During your childhood did you live in:
- | | |
|-----------------------------|-----|
| Mainly urban areas? | - 1 |
| Mainly rural areas? | - 2 |
| Both urban and rural areas? | - 3 |
12. As an adult did you live in:
- | | |
|-----------------------------|-----|
| Mainly urban areas? | - 1 |
| Mainly rural areas? | - 2 |
| Both urban and rural areas? | - 3 |
- † 13. How many people are living here with you? Code:
- | | |
|---------------|-----|
| None | - 0 |
| One | - 1 |
| Two | - 2 |
| Three | - 3 |
| Four | - 4 |
| Five | - 5 |
| Six | - 6 |
| Seven | - 7 |
| Eight or more | - 8 |
| Institution | - 9 |

† 14.	Are any of these your:	Children?	- 1
		Grandchildren?	- 2
		Brothers or sisters?	- 3
		Husband or wife?	- 4
		Other	- 5

[	15.	<i>Optional question:</i>]
		Are you living in "open marriage" now?	Code: Yes	- 1	
			No	- 2	

(Note: For questions 16 and 17 include rooms even if not used.)

† 16.	How many rooms are there here, not counting a bathroom?	Code: Not applicable because proband lives in an institution	- 0
	(Note: a kitchen <i>is</i> a room; a kitchenette <i>is not</i> a room)	One	- 1
		Two	- 2
		Three	- 3
		Four	- 4
		Five	- 5
		Six	- 6
		Seven	- 7
		Eight	- 8
		Nine or more	- 9

† 17.	How many rooms do you ("and your spouse") have for your own use, not counting a bathroom?	Code: Number	
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† 18.	Is there a bathroom, shower, or sauna?	Code: Yes	- 1
		No	- 2

If no:

	Do you have the use of a bathroom, shower or sauna nearby?	Code: Yes	- 1
		No	- 2
		Not relevant	- 3

† 19.	Do you have a tap for warm water:	Inside?	- 1
		Outside?	- 2
		Both?	- 3
		Neither?	- 4

† 20.	Do you have a tap for cold water:	Inside?	- 1
		Outside?	- 2
		Both?	- 3
		Neither?	- 4

† 21.	Do you have a WC:	Indoors?	- 1
		Outdoors?	- 2
		Both?	- 3
		Neither?	- 4

† 22.	Do you share the WC with other households?	Code: Yes No Not relevant	- 1 - 2 - 3
† 23.	Do you have cooking facilities:	Of your own? Shared with household? Shared with other households?	- 1 - 2 - 3
† 24.	Is there:		
	An automatic washing machine?	Code: Yes No	- 1 - 2
	A fridge?	Code: Yes No	- 1 - 2
	A deep freeze?	Code: Yes No	- 1 - 2
	A telephone?	Code: Yes No	- 1 - 2
	A television?	Code: Yes No	- 1 - 2
	A radio?	Code: Yes No	- 1 - 2
† 25.	Are you living on more than one floor?	Code: Yes No	- 1 - 2
† 26.	Which floor(s) do you live on:	(Code the <i>lowest</i> number)	
		Basement?	- 0
		Ground floor/first floor?	- 1
		Second floor?	- 2
		Third floor?	- 3
		Fourth floor?	- 4
		Fifth floor?	- 5
		Sixth floor?	- 6
		Seventh floor?	- 7
		Eighth floor?	- 8
		Ninth or higher?	- 9
† 27.	Is there a lift?	Code: Yes No	- 1 - 2
† 28.	How many steps are there to get to the road:	0? 1- 5? 6-10? 11-20? 21 or more?	- 1 - 2 - 3 - 4 - 5
† 29.	How far is the nearest shop that sells food:	Less than ½ km? About ½ km? About 1 km? About 2 km? About 5 km? Much more?	- 1 - 2 - 3 - 4 - 5 - 6

- | | | | |
|--------|------------------------------|-------------------|-----|
| *† 30. | Do you find getting food is: | A real problem? | - 1 |
| | | An inconvenience? | - 2 |
| | | No problem? | - 3 |

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

- | | | | |
|--------|---|---|---------------------------------|
| * 31. | How do you feel about your present health; do you feel quite healthy? | Code: Yes
No | - 1
- 2 |
| * 32. | How would you evaluate your present health; is it: | Very good?
Fairly good?
Average?
Fairly bad?
Bad? | - 1
- 2
- 3
- 4
- 5 |
| *† 33. | If you compare your health with that of other persons you know of your own age, is your own health: | Better?
About the same?
Worse?
Cannot say? | - 1
- 2
- 3
- 4 |
| 34. | Have you had some accident, injury or chronic disease which affects activities of daily living, including work? | Code: Yes
No | - 1
- 2 |

If yes, which disease, injury or accident affects your daily activities including work?

(For every disease it is desirable to find out the name or, if this is not possible, the main symptoms)

1.
2.
3.
4.
5.
6.

35. Do you have any other diseases, injuries or accidents which *do not* affect your daily activities, including work?

(For every disease it is desirable to find out the name or, if this is not possible, the main symptoms)

1.
2.
3.
4.
5.
6.

Now some questions about particular symptoms.

- * 36. In the last two weeks have you suffered from:
(ask this question before each subquestion 1-24)

	No	If yes		
		Occasionally?	Often?	Nearly continuously?
1. Headache?
2. Worsening of memory?
3. Lack of appetite?
4. Heartburn?
5. Stomach pains
6. Diarrhoea?
7. Nightmares?
8. Difficulties in falling asleep?
9. Sense of giddiness?
10. Palpitation of the heart?
11. Tremor of hands?
12. Excessive sweating without physical effort?
13. Difficulties in breathing or shortness of breath, without physical effort?
14. Unwillingness to do things or lack of energy?
15. Tiredness or feeling of faintness?
16. Nervous tension, nervousness?
17. Irritability or bursts of anger?
18. Low spirits or depression?
19. Problems in passing urine?
20. Constipation?
21. Aching or pain in the joints or back trouble?
22. Important changing of weight?
23. Thirst or polyuria?
24. Temporary loss of sensation, movement or speech?

* 37.	Do you use a hearing aid? (If yes: include the use of hearing aid in questions 38 and 39)	Code: Yes No	- 1 - 2
38.	Do you hear what a person speaking at normal volume is saying to you, when you are alone with him or her:	Yes? No? With difficulty?	- 1 - 2 - 3
39.	Do you hear what a person speaking at normal volume is saying to you, when you are in a group of people, all talking together:	Yes? No? With difficulty?	- 1 - 2 - 3
40.	Can you read the newspaper or books: (Note: with glasses if worn)	Easily? With difficulty? Don't you read at all? Cannot read?	- 1 - 2 - 3 - 4
41.	Do you have a dental prosthesis?	Code: Yes No	- 1 - 2
42.	Do you have difficulty in chewing food?	Code: Yes No	- 1 - 2
43.	Do you ever have trouble getting to the lavatory on time?	Code: Yes No	- 1 - 2
	<i>If yes,</i>		
	(a) Do you wet yourself, either day or night:	Never? Rarely? Frequently?	- 1 - 2 - 3
	(b) Do you soil yourself, either day or night:	Never? Rarely? Frequently?	- 1 - 2 - 3
	<i>If no, do you have:</i>		
	(a) A catheter?	Code: Neither Catheter	- 1 - 2
	(b) A colostomy?	Colostomy Both	- 3 - 4

44. Do you have any problems with your feet such as bunions, corns, bent toes or long toe-nails or varicose veins? Code: Yes - 1
No - 2

If yes, do these foot problems restrict your activities? Code: Yes - 1
No - 2

The next lot of questions concern your living habits and physical activity. It is important that we know these for our research.

45. Have you ever smoked regularly, almost every day at least for one year? Code: Yes - 1
No - 2

If yes, for how many years? Code: Number years

If no, skip to question 48.

46. Do you smoke regularly now? Code: Yes - 1
No - 2

If no, how many years ago did you stop smoking? Code: Number years

47. How many cigarettes, cigars and pipefuls do you smoke daily?

	<i>Cigarettes?</i>	<i>Cigars?</i>	<i>Pipefuls?</i>
Code: None
1- 4
5-14
15-24
More than 24

48. Do you drink:

Spirits? Code: Yes - 1
No - 2

Wine? Code: Yes - 1
No - 2

Beer? Code: Yes - 1
No - 2

* If you sometimes drink spirits, wine or beer, how many days ago did you last have:

Spirits? Code: days

Wine? Code: days

Beer? Code: days

(Instruction to interviewer: Write down the names of any alcoholic beverages which you cannot code and the number of days ago it was taken.)

49. Which of the following statements best describes your present style of life during the last year?

Do you live: Mainly indoors? - 1
 Mainly outdoors? - 2
 Or both? - 3

50. Can you do: A heavy job? - 1
 A light job? - 2
 Or are you unable to do even light jobs - 3

* 51. Do you practise physical exercise, such as brisk walking, jogging or swimming, etc., now? Code: Yes - 1
 No - 2

If yes,

(a) Is this physical exercise: Mainly for your health? - 1
 Mainly because you enjoy it? - 2
 Both reasons? - 3

(Instruction for interviewer: Code 1 means exercise for health, physical fitness, physical wellbeing, etc. Code 2 means exercise for enjoyment, recreation, relaxation, social contacts, etc.)

(b) On average, how many hours a day do you practise physical exercise, outside work, to improve your physical fitness and health now? Code: None - 1
 Less than one - 2
 1-2 hours - 3
 3-4 hours - 4
 More than 4 hours - 5

(c) When you practise physical exercise now, which way do you usually do it: Slowly? - 1
 Briskly? - 2
 Strenuously? - 3

* 52. How many kilometres do you usually walk to improve your physical fitness?

- | | | |
|----------------------|------------------|-----|
| (a) On weekdays: | Code: None | - 1 |
| | Less than one km | - 2 |
| | 1-2 km | - 3 |
| | 3-5 km | - 4 |
| | 6-9 km | - 5 |
| | More than 9 km | - 6 |
| (b) During weekends: | Code: None | - 1 |
| | Less than one km | - 2 |
| | 1-2 km | - 3 |
| | 3-5 km | - 4 |
| | 6-9 km | - 5 |
| | More than 9 km | - 6 |

53. During the last month how have you spent your time in various activity levels, average number of hours per day?

- | | | |
|--|--------------------|-------|
| (a) Heavy activity (as a miner) | Code: | hours |
| Moderate activity (as walking uphill) | Code: | hours |
| Slight activity (as walking on level) | Code: | hours |
| Sedentary activity (as desk work) | Code: | hours |
| No activities (bedridden, not moving outdoors) | Code: | hours |
| | Code: Total number | |
| | of hours | ..... |

- | | | |
|--|---------------------|-----|
| (b) How does this physical activity compare with one year ago: | Almost the same? | - 1 |
| | Increased? | - 2 |
| | Somewhat decreased? | - 3 |
| | Markedly decreased? | - 4 |

Thank you for your help so far. We are halfway through all the questions. Next we have some questions about your use of health services.

† 54. (a) In the last 12 months how often did the doctor come and see you at home? Code: Number

(b) In the last 12 months how often did you go to see the doctor? Code: Number

- (c) In the last 12 months how often did you consult with the doctor over the telephone? Code: Number
- (d) In the last 12 months how often have you been to an X-ray department? Code: Number
- (e) In the last 12 months how often have you been to a general laboratory? Code: Number
- (f) In the last 12 months how often have you been to an ECG laboratory? Code: Number
- † 55. In the last 12 months how often have you seen your dentist?
- (a) For your teeth Code: Number
- (b) For your (protheses) dentures Code: Number
- † 56. (a) In the last 12 months how often did the nurse or health visitor visit you at home? Code: Number
- (b) In the last 12 months how often did you go to see the nurse? Code: Number
- (c) In the last 12 months how often did you consult with the nurse over the telephone? Code: Number
- † 57. Were you treated by the physio-therapist during the last year, not including inpatient treatment but including day hospital or other institutions? Code: Yes - 1
No - 2
- † 58. Were you treated by the occupational therapist during the last year, not including inpatient treatment but including day hospital or other institutions? Code: Yes - 1
No - 2

59. In the last 12 months how often have you been seen in hospital outpatient departments, polyclinics or by specialists? Code: Number of times

60. In the last 12 months how often have you been admitted to a general hospital? Code: Number of times

If at all, how many days have you been in a general hospital during the last 12 months? Code: Number of days

61. Have you been admitted to any other institution, psychiatric hospital, long-stay hospital or nursing home during the last 12 months? Code: Yes - 1
No - 2

If yes, which hospitals or homes were these, and how many days were you in them during the last 12 months?

<i>Name of institution</i>	<i>Type of institution</i>	<i>Number of days</i>
.....
.....

62. How many times did you have an operation requiring a general anaesthetic during the last 12 months? Code: Not at all - 0
Once - 1
Twice - 2
Three times - 3
Four or more - 4

(Prompt if necessary. General anaesthetic — one that made you unconscious)

63. How many times did you have an operation not requiring a general anaesthetic during the last 12 months? Code: Not at all - 0
Once - 1
Twice - 2
Three times - 3
Four or more - 4

Optional questions:

- | | | | |
|-----|---|---|--------------------------|
| 64. | Do you regard the access to a doctor as: | Excellent?
Satisfactory?
Unsatisfactory?
Cannot say? | - 1
- 2
- 3
- 4 |
| 65. | Do you regard the access to a dentist as: | Excellent?
Satisfactory?
Unsatisfactory?
Cannot say? | - 1
- 2
- 3
- 4 |
| 66. | Do you regard to the access to a hospital as: | Excellent?
Satisfactory?
Unsatisfactory?
Cannot say? | - 1
- 2
- 3
- 4 |
| 67. | Are you on a waiting list to be admitted to a hospital? | Code: Yes
No | - 1
- 2 |
| | <i>If yes, for how long?</i> | Code: weeks | |

68. How many *different* types of medicine prescribed by a doctor have you taken during the past seven weeks? Code: Number of *different* tablets, capsules and medicine taken

- * *If proband has taken any, how many of these medicines prescribed by a doctor have you taken regularly each day for at least the last three months?* Code: Number

69. How many *different* types of medicine that you bought yourself have you taken during the past seven days? Code: Number of *different* tablets, capsules and medicine taken

- * *If proband has taken any, how many of these medicines that you bought yourself have you taken regularly each day for at least the last three months?* Code: Number

70. Do you take any medication to help you sleep? Code: Yes - 1
No - 2

71. The following tasks are often difficult to perform by the elderly. I would like to know if you have problems in doing them.

Are you able:

(ask this before each subquestion 1-14)

		<i>If yes</i>			
		<i>No</i>	<i>Without difficulty</i>	<i>With difficulty, but without help</i>	<i>Only with help</i>
1.	To move outdoors?	.....	.....	.....	.....
2.	To walk between rooms?	.....	.....	.....	.....
3.	To use stairs?	.....	.....	.....	.....
4.	To walk at least 400 m?	.....	.....	.....	.....
5.	To carry a heavy thing, e.g. a shopping bag of 5 kg, for a hundred metres?	.....	.....	.....	.....
6.	To use the lavatory?	.....	.....	.....	.....
7.	To wash and bathe yourself?	.....	.....	.....	.....
8.	To dress and undress?	.....	.....	.....	.....
9.	To get in and out of bed?	.....	.....	.....	.....
10.	To do your own cooking?	.....	.....	.....	.....
11.	To feed yourself?	.....	.....	.....	.....
12.	To cut toe-nails?	.....	.....	.....	.....
13.	To do light housework (wash dishes, sweep floors)?	.....	.....	.....	.....
14.	To do heavy housework (wash windows and floors, general house cleaning)?	.....	.....	.....	.....
72.	Do you drive a car yourself?	Code: Yes			- 1
		No			- 2
73.	Do you have the use of a car:	Never?			- 1
		Sometimes?			- 2
		Always?			- 3
74.	Do you travel by bus or train:	Whenever necessary?			- 1
		Only out of rush hour?			- 2
		Or are you unable to use bus or train?			- 3
		Or don't you want to use bus or train?			- 4
		Never need to use the bus or train?			- 5
		No bus or train nearby?			- 6

75.	Are you able to walk, or go by public transport, to the nearest medical doctor or health institution?	Code: Yes No	- 1 - 2
76.	Are you able, without the help of anyone else, to walk or go by public transport to any institution and settle a question which interests you?	Code: Yes No	- 1 - 2
† 77.	In the last 12 months have you had "meals on wheels":	Never? Occasionally? Regularly?	- 0 - 1 - 2
† 78.	In the last 12 months have you had a home help:	Never? Occasionally? Regularly?	- 0 - 1 - 2
† 79.	In the last 12 months have you used a free laundry service:	Never? Occasionally? Regularly?	- 0 - 1 - 2
† 80.	In the last 12 months have you used chiropody services:	Never? Occasionally? Regularly?	- 0 - 1 - 2
† 81.	In the last 12 months have you seen a social worker:	Never? Occasionally? Regularly?	- 0 - 1 - 2

(Note: These questions on the use of social services may be expanded here in each country depending on the services available in that country.)

*† 82. In your view, what is the most important helping service that you need?

(Record in subject's words — one service only)

83. Are you a member of some club, association or society? Code: Yes - 1
 No - 2

If yes, how many clubs or associations or societies are there in which you are a member? Code: Number

If yes, for the organization in which you are most active which of the following statements best describes your function?

- I am only an inactive member and do not participate in activities - 1
- I am a member and participate occasionally in activities - 2
- I am an active member - 3
- I belong to the executive members of the organization - 4

84. I would like to know: Are you a member of some association of retired people? Code: Yes - 1
 No - 2

85. Are you at present a responsible person (or appointed representative) in a state or public organization? Code: Yes - 1
 No - 2

86. How many times have you, in the last 12 months, visited the following places or taken part in the following occasions:

- 1. Family ceremonies, wedding, funeral, birthday parties? 0 1 2 3 4 5 6 7 8 9+
- 2. Theatre, movies, concert, art exhibition? 0 1 2 3 4 5 6 7 8 9+
- 3. Activities of clubs or associations or societies? 0 1 2 3 4 5 6 7 8 9+
- 4. Library? 0 1 2 3 4 5 6 7 8 9+
- 5. Sports competition — watching or taking part? 0 1 2 3 4 5 6 7 8 9+
- 6. Religious service? 0 1 2 3 4 5 6 7 8 9+
- 7. A foreign country? 0 1 2 3 4 5 6 7 8 9+
- 8. Journey in home country of at least one hundred km? (Distance may need reducing in some countries) 0 1 2 3 4 5 6 7 8 9+

87. When did you last go to: (Code number of weeks for each)
- (a) Beauty salon? (a) weeks
- (b) Hairdresser or barber shop? (b) weeks
- * 88. How do you usually spend the time which is left over outside work and necessary housework, shopping and rest?
- * 89. How often are you alone: Often? - 1
Rarely? - 2
Never? - 3
- * 90. (a) When did somebody last visit you? Code: Today or yesterday - 1
Some days ago - 2
About a week ago - 3
About 2 weeks ago - 4
About a month ago - 5
About half a year ago - 6
More than half a year ago - 7
- (b) Who visited you then? Your child - 1
Another relative - 2
A friend - 3
Some other person - 4
91. (a) When did you last visit somebody? Code: Today or yesterday - 1
Some days ago - 2
About a week ago - 3
About 2 weeks ago - 4
About a month ago - 5
About half a year ago - 6
More than half a year ago - 7
- (b) Who did you visit then? Your child - 1
Another relative - 2
A friend - 3
Some other person - 4
92. Now I would like to know how many living children, including adopted children, sisters or brothers you have:
- Code: Children 0 1 2 3 4 5 6 7 8 9+
- Sisters or brothers 0 1 2 3 4 5 6 7 8 9+

If there are children: Are some of your children living:

- | | | |
|-------|--|--|
| | In the same house as you or in the very near neighbourhood? | - 1 |
| | In the same area? | - 2 |
| | None of them is living near to you? | - 3 |
| 93. | Do you have any good friends? Code: Yes
No | - 1
- 2 |
| * 94. | Which of the following statements describes best your relation to your neighbours?

Our relations are so familiar that we help each other
always when needed, at least one such person

We have good relations with our neighbours but we
seldom or never visit each other

I do not have any contacts with neighbours | - 1

- 2

- 3 |
| 95. | Do you assist now in bringing up any grandchildren or other children, not including economic help? Code: Yes
No | - 1
- 2 |
| * 96. | Do you feel lonely:

Often?
Sometimes?
Never?
Cannot say? | - 1
- 2
- 3
- 4 |
| * 97. | Do you feel forgotten:

Often?
Sometimes?
Never?
Cannot say? | - 1
- 2
- 3
- 4 |
| * 98. | Do you feel unnecessary:

Often?
Sometimes?
Never?
Cannot say? | - 1
- 2
- 3
- 4 |
| * 99. | How satisfied are you with your present life:

Very satisfied?
Satisfied?
Reasonably satisfied, so-so?
Unsatisfied?
Very unsatisfied?
Cannot say? | - 1
- 2
- 3
- 4
- 5
- 6 |

* 100.	Do you long for company:	Often?	- 1
		Sometimes?	- 2
		Never?	- 3
		Cannot say?	- 4
* 101.	Do you feel tired of life:	Often?	- 1
		Sometimes?	- 2
		Never?	- 3
		Cannot say?	- 4
* 102.	Are you worried about the future:	Often?	- 1
		Sometimes?	- 2
		Never?	- 3
		Cannot say?	- 4
* 103.	How do you feel about your economic situation:	Good?	- 1
		Satisfactory?	- 2
		Bad?	- 3
		Cannot say?	- 4
* 104.	How do you feel your economic situation is now compared with your situation 10 years ago:	Better?	- 1
		The same?	- 2
		Worse?	- 3
		Cannot say?	- 4
* 105.	Are you satisfied with your past work or career:	Satisfied?	- 1
		Unsatisfied?	- 2
		Cannot say?	- 3
* 106.	Are you satisfied with the human relationships which you have had or made during the course of your life:	Satisfied?	- 1
		Unsatisfied?	- 2
		Cannot say?	- 3
* 107.	If you could start your life again would you live it more or less in the same way?	Yes	- 1
		No	- 2
		Cannot say	- 3

Interviewer's evaluation

Questions to be answered by the interviewer

† 108.	Standard of temperature control (heating, insulation):	Code: Good Sufficient Insufficient	- 1 - 2 - 3
† 109.	General accommodation (furniture, decoration, damp):	Code: Good Sufficient Insufficient	- 1 - 2 - 3
† 110.	Standard of natural lighting:	Code: Good Sufficient Insufficient	- 1 - 2 - 3
† 111.	Standard of artificial lighting:	Code: Good Sufficient Insufficient	- 1 - 2 - 3
† 112.	Opinion of hygiene in the home:	Code: Good Sufficient Insufficient	- 1 - 2 - 3
113.	Opinion of hygiene of the person (clothes, hair, hands):	Code: Good Sufficient Insufficient	- 1 - 2 - 3
114.	During the interview did the subject's behaviour strike you as:		
	(a) Mentally alert?	Code: Yes No	- 1 - 2
	(b) Depressed and/or tearful?	Yes No	- 1 - 2
	(c) Suspicious (more than reasonable)?	Yes No	- 1 - 2
	(d) Passive or indifferent?	Yes No	- 1 - 2
	(e) Bizarre or inappropriate in thought or action?	Yes No	- 1 - 2

- | | | | |
|------|--|---|-------------------|
| 115. | Do you think the subject's answers about physical health were: | Optimistic?
About right?
Pessimistic? | - 1
- 2
- 3 |
| 116. | Do you think the subject's other answers were: | Optimistic?
About right?
Pessimistic? | - 1
- 2
- 3 |

Time required to complete questionnaire

Interviewer's name

Date of interview

- | | | |
|---------------------|---|-------------------|
| Place of interview: | Normal home
Special housing
Institution | - 1
- 2
- 3 |
|---------------------|---|-------------------|

- | | | |
|--------------------|----------------------------|-------------------|
| Area of residence: | Urban
Suburban
Rural | - 1
- 2
- 3 |
|--------------------|----------------------------|-------------------|

Guidelines for the training of interviewers

1. The general aim in training interviewers is to enable them to conduct the interviews in a standardized manner and to reduce variation between the interviewers to a minimum.
2. The specific aims are:
 - (a) to give an understanding of the purpose of the study;
 - (b) to give an understanding of the principles of interviewing with structural questionnaires (including proxy interviews); this should include consideration of bias, what to do with uncertain answers and how to obtain the cooperation and interest of the proband;
 - (c) to give an understanding of field surveys;
 - (d) to give an understanding of data analysis;
 - (e) to give an understanding of the social and medical problems of the elderly;
 - (f) to give a detailed knowledge of the questionnaire to be used.
3. The techniques to be employed include:
 - (a) seminars to cover the specific aims in (2) above: 6–10 hours;
 - (b) detailed consideration of the questionnaire, question by question: 4 hours;
 - (c) model interview with experienced interviewer (in an institution and at a proband's home if possible): 3 hours;
 - (d) role-playing and tape-recording of interviews: 10 hours; this might come before or after (c);
 - (e) field tests, preferably at least five by each trainee interviewer, starting with an easy interview but including one or two difficult interviews; interviews should include male and female probands: 10 hours;
 - (f) evaluation of interviews: 2 hours;
 - (g) final discussion with all interviewers: 2 hours; discuss errors, difficulties, etc., and if possible the identification of the trainee interviewers' biases; get feedback from probands.

4. The educator or the team of educators should have previous experience of field studies and be interested in the present study and have experience with the questionnaire.
5. The WHO Regional Office for Europe should help answer specific queries from the educator and perhaps arrange for an expert to assist in the field stages of the training.
6. All trainee interviewers are to be evaluated, and those not achieving a minimum level of knowledge and expertise in test interviews should be either retrained or discarded.
7. After a number of interviews (about one fifth of the total) the interviewers should get together with their educator(s) and discuss their experience.
8. Quality control. This can be achieved by:
 - (a) checking coding of the questionnaire throughout the survey;
 - (b) repeat interviews with a few probands; only a few surveys per trainee may be enough to keep trainees "on their toes".

Note: This programme can, of course, be reduced in length if the trainee has previous medical and social interviewing experience. Without such experience a minimum of 40 hours (excluding travelling time) is required.

Codebook

This standardized record description covers the modified original variables (items) and the derived variables (DVs) for all centres.

Note the use of non-numeric characters for missing values, according to the following system:

- = missing information: question not asked or not answered, or refusal to answer, answer miscoded or mispunched, code out of range or illogical;
- A = proxy interview: question should not have been asked;
- B = institutionalized subject: question irrelevant;
- C = any remaining inapplicabilities;
- D = do not know, not sure, cannot say.

Note that the following list only mentions the “.” code for missing values in special cases, for the simple reason that this code can occur in all the variables without exception, of course.

Item no.	Variable name	Columns	Code	Value of code	
1	Country and study site	1-2	1	Belgium 1	Brussels
			2	Belgium 2	Leuven
			5	Berlin (West)	—
			10	Finland	Tampere
			15	France 1	Upper Normandy
			16	France 2	Midi-Pyrénées
			25	Greece	Rural
			30	Italy 1	Florence
			31	Italy 2	Low Ombrone
			32	Italy 3	West Amiata
			35	Poland	Bialystok
			40	Romania	Bucharest
			45	Yugoslavia 1	Belgrade
			46	Yugoslavia 2	Zagreb
			50	USSR	Kiev
			65	Kuwait	—

Item no.	Variable name	Columns	Code	Value of code
2	Year of interview	3-4	—	In two digits, e.g. 79, 80, etc.
3	Month of interview	5-6	—	In two digits, e.g. 02, 03, etc.
4	Not used	7-8	—	Empty
5	Code number of the subject, within each centre	9-12	—	---
6	Not used	13	—	Empty
7	Sex	14	1 2	Man Woman
8	Year of birth	15	1 2 3 4 5 6	1915-1919 (60-64 years) 1910-1914 (65-69 years) 1905-1909 (70-74 years) 1900-1904 (75-79 years) 1895-1899 (80-84 years) 1890-1894 (85-89 years) — Exception in the case of Poland where only the last year in each 5-year group was actually sampled (and group 6 not represented) — <i>Note also</i> : extra age groups for certain centres have been retained in their files
9	Age (in years)	16-17	—	---
10	(1) How old are you?	18	. D 1 2	Unable to check answer or no response Do not know Correct (± 2 years) Incorrect
11	(2a) When is your birthday?	19	. D 1 2	Unable to check answer or no response Do not know Correct day and month Incorrect
12	(2b) In what year were you born?	20	. D 1 2	Unable to check answer or no response Do not know Correct Incorrect
13	(2c) What is your exact address here?	21	. D 1 2	No response Do not know Correct Incorrect

Item no.	Variable name	Columns	Code	Value of code
14	For proxy interviews: relation of the informant to the subject	22	C	Not proxy interview
			1	First degree relative (child, husband or wife, sister or brother)
			2	Other relative
			3	In-law
			4	Other relation
15	(3) Legally, are you married now or widowed, divorced, separated or single?	23	.	Not answered
			1	Never married
			2	Married
			3	Widowed
			4	Divorced
			5	Separated
16	(4a) For how many years did you have full-time education?	24-25	0-24	None to 24
			25	25 or more
17	(4b) What is the highest education level obtained?	26	1	Less than primary
			2	Primary
			3	Secondary
			4	University or equivalent
18	(5) How about your job (vocational or professional) training? Did you have:	27	1	No training?
			2	Part-time training?
			3	Full-time training for less than 2 years?
			4	Full-time training for 2 years or more?
19	(6) What is or was your main occupation, the occupation you had for the longest time?	28	0	Never worked
			1	Physical or manual work
			2	Intellectual work
			3	Agricultural work
			4	Other
20	Not used	29-30	—	Empty
21	(7) What is your basic source of income?	31	1	Professional work
			2	Pension
			3	Dependence on family including spouse
			4	Social care
			5	Other
22	Is proband a pensioner or not?	32	1	Pensioner
			2	Not a pensioner
	(8i) <i>If pensioner</i>			
23	(a) What kind of pension do you have?	33	C	Not a pensioner
			1	A worker's pension
			2	An invalid pension
			3	A widow's pension
			4	Other pension
			5	Combination of pensions

Item no.	Variable name	Columns	Code	Value of code
24	Not used	34	—	Empty
25	(b) For how long have you been retired (in years)?	35-36	C 0	Not pensioner or never employed Not retired
26	(c) Did you change to some intermediate occupation for the last 5 years before retiring?	37	C 1 2	Not pensioner or never employed Yes No
27	(d) Do you work?	38	C 1 2 3 4 5 6	Not pensioner In full-time employment In part-time employment Occasionally Housework Unemployed at present Never employed
28	(e) If not in main occupation now, did you leave main occupation because of:	39	C 1 2 3 4 5 6 7	Not pensioner or never employed or in main occupation now? Age? Ill health? Redundancy? Invalidity? Better occupation? Could not find appropriate work? Other reasons?
29	(f) If not working, would you like to return to work?	40	A C D 1 2	Proxy interview Not pensioner or never employed or working Not sure Yes No
30	(g) If yes, what are your conditions?	41	A C 1 2 3 4 5	Proxy interview Not pensioner or never employed or working or would not like to return to work Part-time employment Easier job Change of working conditions Place of work should be dependent on place of residence Other or no special conditions

Item no.	Variable name	Columns	Code	Value of code
<i>(8ii) If not a pensioner</i>				
31	(a1) What is your present work status?	42	C	Pensioner 1 Full-time employment 2 Part-time employment 3 Not employed because of ill health 4 Not employed because of unemployment 5 Not employed for other reasons 6 Housewife only 7 Never employed
32	(a2) If in part-time employment, is this work:	43	C	Pensioner or never employed or not in part-time employment? 1 More than half-time? 2 About half-time? 3 Less than half-time?
33	(b) If not in main occupation now, did you leave your main occupation because of	44	C	Pensioner or never employed or in main occupation now? 1 Age? 2 Ill health? 3 Redundancy? 4 Invalidity? 5 Better occupation? 6 Could not find appropriate work? 7 Other reasons?
34	(c) If not working, would you like to return to work?	45	A C D	Proxy interview Pensioner or never employed or working Not sure 1 Yes 2 No
35	(d) If yes, what are your conditions?	46	A C	Proxy interview Pensioner or never employed or working or would not like to return to work 1 Part-time employment 2 Easier job 3 Change of working conditions 4 Place of work should be dependent on place of residence 5 Other or no special conditions
36	(8iii) Whether the proband is a pensioner or not, is the proband working now in full-time or part-time employment (see questions (8i) (d) and (8ii) (a))?	47	1 2	Yes, the proband is working now No, the proband is not working now

Item no.	Variable name	Columns	Code	Value of code
37	(9) What is or was the main occupation of your husband/wife?	48	.	Information missing or spouse never worked
			C	Not married (not even in open marriage)
			1	Physical or manual work
			2	Intellectual work
			3	Agricultural work
			4	Other
38	Not used	49-50	—	Empty
39	(10) How long have you been living at your present address (in years)?	51-52	—	---
40	(11) During your childhood did you live in	53	1	Mainly urban areas?
			2	Mainly rural areas?
			3	Both urban and rural areas?
41	(12) As an adult did you live in	54	1	Mainly urban areas?
			2	Mainly rural areas?
			3	Both urban and rural areas?
42	(13) How many people are living here with you?	55	B	Institutionalized subject
			0-7	None to seven
			8	Eight or more
	(14) <i>Are any of these your:</i>			
43	(a) children?	56	B	Institutionalized subject
			1	Yes
			2	People living with me but not these
			3	No-one living with me
44	(b) grandchildren?	57	B	Institutionalized subject
			1	Yes
			2	People living with me but not these
			3	No-one living with me
45	(c) brothers or sisters?	58	B	Institutionalized subject
			1	Yes
			2	People living with me but not these
			3	No-one living with me
46	(d) husband or wife?	59	B	Institutionalized subject
			1	Yes
			2	People living with me but not these
			3	No-one living with me

Item no.	Variable name	Columns	Code	Value of code
47	(e) Other	60	B 1 2 3	Institutionalized subject Yes People living with me but not these No-one living with me
48	(15) Are you living in "open marriage" now?	61	1 2	Yes No
49	(16) How many rooms are there, not counting a bathroom?	62	B 1-8 9	Institutionalized subject One to eight Nine or more
50	(17) How many rooms do you and your spouse have for your own use, not counting a bathroom?	63	B 1-8 9	Institutionalized subject One to eight Nine or more
51	(18a) Is there a bathroom, shower or sauna?	64	B 1 2	Institutionalized subject Yes No
52	(18b) If not, do you have the use of a bathroom, shower or sauna nearby?	65	B 0 1 2	Institutionalized subject There is bathroom, sauna or shower Yes No
53	(19) Do you have a tap for warm water?	66	B 1 2 3 4	Institutionalized subject Inside Outside Both Neither
54	(20) Do you have a tap for cold water?	67	B 1 2 3 4	Institutionalized subject Inside Outside Both Neither
55	(21) Do you have a WC?	68	B 1 2 3 4	Institutionalized subject Indoors Outdoors Both Neither

Item no.	Variable name	Columns	Code	Value of code
56	(22) Do you share the WC with other households?	69	B 1 2	Institutionalized subject Yes No
57	(23) Do you have cooking facilities?	70	B 1 2 3	Institutionalized subject Of your own Shared within household Shared with other households
	(24) <i>Is there:</i>			
58	(a) an automatic washing machine?	71	B 1 2	Institutionalized subject Yes No
59	(b) a fridge?	72	B 1 2	Institutionalized subject Yes No
60	(c) a deep freeze?	73	B 1 2	Institutionalized subject Yes No
61	(d) a telephone?	74	B 1 2	Institutionalized subject Yes No
62	(e) a radio or television?	75	B 1 2 3 4	Institutionalized subject Radio only Television only Both Neither
63	(25) Are you living on more than one floor?	76	1 2	Yes No
64	(26) Which floor(s) do you live on?	77	B 0 1 2-8 9	Institutionalized subject Basement Ground floor/first floor Second floor to eighth floor Ninth floor or higher
65	(27) Is there a lift?	78	B 1 2	Institutionalized subject Yes No
66	(28) How many steps are there to get to the road?	79	B 1 2 3 4 5	Institutionalized subject None 1-5 steps 6-10 steps 11-20 steps 21 or more steps

Item no.	Variable name	Columns	Code	Value of code
67	(29) How far is the nearest shop that sells food?	80	B	Institutionalized subject 1 Less than ½ km 2 About ½ km 3 About 1 km 4 About 2 km 5 About 5 km 6 More than 5 km
68-72	Not used	81-92	—	Empty
73	(30) Do you find getting food is	93	A B	Proxy interview Institutionalized subject 1 A real problem? 2 An inconvenience? 3 No problem?
74	(31) How do you feel about your present health? Do you feel quite healthy?	94	A	Proxy interview 1 Yes 2 No
75	(32) How would you evaluate your present health? Is it	95	A	Proxy interview 1 Very good? 2 Fairly good? 3 Average? 4 Fairly bad? 5 Bad?
76	(33) If you compare your health with that of other persons you know of your own age, is your own health	96	A D	Proxy interview Cannot say 1 Better? 2 About the same? 3 Worse?
77	(34) Have you had some accident, injury or chronic disease which affects activities of daily living, including work?	97	1 2	Yes No
	<i>If yes, which?^a</i>			
78	(i) Morbi infectiosi et parasitarii	98	1 2 3	Yes Not this one None such
79	(ii) Neoplasmata	99	1 2 3	Yes Not this one None such

^a Editor's note: Items 78-114 are the Latin equivalents of the tabular list of inclusions and four-digit categories in the *International Classification of Diseases*.

Item no.	Variable name	Columns	Code	Value of code
80	(iii) Morbi systematis endocrini, nutritionis et metabolismi	100	1 2 3	Yes Not this one None such
81	(iv) Morbi systematis haemato-poetici et sanguinis	101	1 2 3	Yes Not this one None such
82	(v) Morbi mentis	102	1 2 3	Yes Not this one None such
83	(vi) Morbi systematis nervosi et organorum sensuum	103	1 2 3	Yes Not this one None such
84	(vii a) Morbi hypertonici	104	1 2 3	Yes Not this one None such
85	(vii b) Morbi cordis ischaemici	105	1 2 3	Yes Not this one None such
86	(vii c) Alii morbi organorum circulationis	106	1 2 3	Yes Not this one None such
87	(viii) Morbi organorum respirationis	107	1 2 3	Yes Not this one None such
88	(ix) Morbi organorum digestionis	108	1 2 3	Yes Not this one None such
89	(x) Morbi organorum urogenitalium	109	1 2 3	Yes Not this one None such
90	(xi) Complicationes gravidarum, parturientium et puerperarum	110	1 2 3	Yes Not this one None such
91	(xii) Morbi cutis et subcutis	111	1 2 3	Yes Not this one None such
92	(xiii) Morbi systematis musculi-sceletalis et telae conjunctivae	112	1 2 3	Yes Not this one None such

Item no.	Variable name	Columns	Code	Value of code
93	(xiv) Maleformationes congenitae	113	1 2 3	Yes Not this one None such
94	(xv) Causae quaedam morborum neonatorum et mortis perinatalis	114	1 2 3	Yes Not this one None such
95	(xvi) Symptomata et casus male definiti	115	1 2 3	Yes Not this one None such
96	(xvii) Injuries caused by violence and poisoning	116	1 2 3	Yes Not this one None such
	(35) Do you have <i>any other</i> diseases, injuries or accidents <i>which do not</i> affect your daily activities including work?			
97	(i) Morbi infectiosi et parasitarii	117	1 2 3	Yes Not this one None such
98	(ii) Neoplasmata	118	1 2 3	Yes Not this one None such
99	(iii) Morbi systematis endocrini, nutritionis et metabolismi	119	1 2 3	Yes Not this one None such
100	(iv) Morbi systematis haematopoetici et sanguinis	120	1 2 3	Yes Not this one None such
101	(v) Morbi mentis	121	1 2 3	Yes Not this one None such
102	(vi) Morbi systematis nervosi et organorum sensuum	122	1 2 3	Yes Not this one None such
103	(vii a) Morbi hypertonici	123	1 2 3	Yes Not this one None such
104	(vii b) Morbi cordis ischaemici	124	1 2 3	Yes Not this one None such

Item no.	Variable name	Columns	Code	Value of code
105	(vii c) Alii morbi organorum circulationis	125	1 2 3	Yes Not this one None such
106	(viii) Alii morbi organorum respirationis	126	1 2 3	Yes Not this one None such
107	(ix) Morbi organorum digestionis	127	1 2 3	Yes Not this one None such
108	(x) Morbi organorum urogenitalium	128	1 2 3	Yes Not this one None such
109	(xi) Complicationes gravidarum, parturientium et puerperarum	129	1 2 3	Yes Not this one None such
110	(xii) Morbi cutis et subcutis	130	1 2 3	Yes Not this one None such
111	(xiii) Morbi systematis musculi-sceletalis et telae conjunctivae	131	1 2 3	Yes Not this one None such
112	(xiv) Maleformationes congenitae	132	1 2 3	Yes Not this one None such
113	(xv) Causae quaedam morborum neonatorum et mortis perinatalis	133	1 2 3	Yes Not this one None such
114	(xvi) Symptomata et casus male definiti	134	1 2 3	Yes Not this one None such
115	(vii) Injuries caused by violence and poisoning	135	1 2 3	Yes Not this one None such
	(36) <i>In the last two weeks have you suffered from:</i>			
116	(a) Headache?	136	A 1 2 3 4	Proxy interview No Yes, occasionally Yes, often Yes, nearly continuously

Item no.	Variable name	Columns	Code	Value of code
117	(b) Worsening of memory?	137	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
118	(c) Lack of appetite?	138	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
119	(d) Heartburn?	139	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
120	(e) Stomach pains?	140	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
121	(f) Diarrhoea?	141	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
122	(g) Nightmares?	142	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
123	(h) Difficulties in falling asleep?	143	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
124	(i) Sense of giddiness?	144	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
125	(j) Palpitation of the heart?	145	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously

Item no.	Variable name	Columns	Code	Value of code
126	(k) Tremor of hands?	146	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
127	(l) Excessive sweating without physical effort?	147	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
128	(m) Difficulties in breathing or shortness of breath, without physical effort?	148	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
129	(n) Unwillingness to do things or lack of energy?	149	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
130	(o) Tiredness or feeling of faintness?	150	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
131	(p) Nervous tension, nervousness?	151	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
132	(q) Irritability or bursts of anger?	152	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
133	(r) Low spirits or depression?	153	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously
134	(s) Problems in passing urine?	154	A	Proxy interview 1 No 2 Yes, occasionally 3 Yes, often 4 Yes, nearly continuously

Item no.	Variable name	Columns	Code	Value of code
135	(t) Constipation?	155	A	Proxy interview
			1	No
			2	Yes, occasionally
			3	Yes, often
			4	Yes, nearly continuously
136	(u) Aching or pain in the joints or back trouble?	156	A	Proxy interview
			1	No
			2	Yes, occasionally
			3	Yes, often
			4	Yes, nearly continuously
137	(v) Important changing of weight?	157	A	Proxy interview
			1	No
			2	Yes, occasionally
			3	Yes, often
			4	Yes, nearly continuously
138	(w) Thirst or polyuria?	158	A	Proxy interview
			1	No
			2	Yes, occasionally
			3	Yes, often
			4	Yes, nearly continuously
139	(x) Temporary loss of sensation, movement or speech?	159	A	Proxy interview
			1	No
			2	Yes, occasionally
			3	Yes, often
			4	Yes, nearly continuously
140-144	Not used	160-172	—	Empty
145	(37) Do you use a hearing aid?	173	1	Yes
			2	No
146	(38) Do you hear what a person speaking at normal volume is saying to you when you are alone with him or her?	174	1	Yes
			2	No
			3	With difficulty
147	(39) Do you hear what a person speaking at normal volume is saying to you when you are in a group of people, all talking together?	175	1	Yes
			2	No
			3	With difficulty
148	(40) Can you read newspapers or books?	176	1	Easily
			2	With difficulty
			3	Do not read at all
			4	Cannot read

Item no.	Variable name	Columns	Code	Value of code
149	(41) Do you have a dental prosthesis?	177	1 2	Yes No
150	(42) Do you have difficulties in chewing food?	178	1 2	Yes No
151	(43a) Do you have trouble getting to the lavatory in time?	179	1 2	Yes No
	<i>If yes:</i>			
152	(43b) Do you wet yourself, either day or night?	180	0 1 2 3	I never have trouble getting to the lavatory on time Never wet myself Rarely wet myself Frequently wet myself
153	(43c) Do you soil yourself, either day or night?	181	0 1 2 3	I never have trouble getting to the lavatory on time Never soil myself Rarely soil myself Frequently soil myself
	<i>If no:</i>			
154	(43d) Do you have a catheter or a colostomy?	182	C 1 2 3 4	I do have trouble getting to the lavatory on time Neither Catheter Colostomy Both
155	(44a) Do you have any problems with your feet, such as bunions, corns, bent toes or long toe-nails or varicose veins?	183	1 2	Yes No
156	(44b) If yes, do these foot problems restrict your activities?	184	1 2 3	Yes No I have no problems with my feet
157	(45a) Have you ever smoked regularly almost every day at least for one year?	185	1 2	Yes No
158	(45b) If yes, for how many years?	186-187	0	Never smoked
159	(46) Do you smoke regularly now?	188	1 2 3	Yes I have smoked but I do not smoke now Never smoked

Item no.	Variable name	Columns	Code	Value of code
160	(47a) If no, how many years ago did you stop smoking? <i>How many do you smoke daily?</i>	189-190	C	Never smoked 0 I do smoke regularly now
161	(47b) Cigarettes	191	C	I do not smoke now or never smoked 0 I do not smoke cigarettes 1 1-4 2 5-14 3 15-24 4 More than 24
162	(47c) Cigars	192	C	I do not smoke now or never smoked 0 I do not smoke cigars 1 1-4 2 5-14 3 15-24 4 More than 24
163	(47d) Pipefuls	193	C	I do not smoke now or never smoked 0 I do not smoke a pipe 1 1-4 2 5-14 3 15-24 4 More than 24
	(48) <i>Do you drink:</i>			
164	(a) Spirits?	194	1	Yes 2 I do not drink spirits 3 I do not drink at all
165	(b) Wine?	195	1	Yes 2 I do not drink wine 3 I do not drink at all
166	(c) Beer?	196	1	Yes 2 I do not drink beer 3 I do not drink at all
	<i>If you sometimes drink spirits, wine or beer, how many days ago did you last have:</i>			
167	(d) Spirits?	197	1	1-2 days 2 3-7 days 3 8-21 days 4 22 days - 2 months 5 2-6 months 6 More than 6 months 7 I do not drink spirits 8 I do not drink at all

Item no.	Variable name	Columns	Code	Value of code
168	(e) Wine?	198	1 2 3 4 5 6 7 8	1-2 days 3-7 days 8-21 days 22 days - 2 months 2-6 months More than 6 months I do not drink wine I do not drink at all
169	(f) Beer?	199	1 2 3 4 5 6 7 8	1-2 days 3-7 days 8-21 days 22 days - 2 months 2-6 months More than 6 months I do not drink beer I do not drink at all
170	(49) Do you live	200	1 2 3	Mainly indoors? Mainly outdoors? Or both?
171	(50) Can you do	201	1 2 3	A heavy job? A light job? Or are you unable to do even light jobs?
172	(51a) Do you practise physical exercise, such as brisk walking, jogging or swimming, etc., now?	202	1 2	Yes No
	<i>If yes:</i>			
173	(51b) Is this physical exercise	203	A C 1 2 3	Proxy interview I do not practise physical exercise Mainly for your health? Mainly because you enjoy it? Both reasons?
174	(51c) On average, how many hours a day do you practise physical exercise outside work, to improve your physical fitness and health now?	204	1 2 3 4 5	I do not practise physical exercise Less than one 1-2 hours 3-4 hours More than 4 hours
175	(51d) When you practise physical exercise now, which way do you usually do it?	205	0 1 2 3	I do not practise physical exercise Slowly Briskly Strenuously

Item no.	Variable name	Columns	Code	Value of code
	(52) <i>How many kilometres do you usually walk to improve your physical fitness?</i>			
176	(a) On weekdays	206	0	I do not practise physical exercise
			1	I do not walk on weekdays or at all
			2	Less than 1 km
			3	1-2 km
			4	3-5 km
			5	6-9 km
			6	More than 9 km
177	(b) During weekends	207	0	I do not practise physical exercise
			1	I do not walk on weekends or at all
			2	Less than 1 km
			3	1-2 km
			4	3-5 km
			5	6-9 km
			6	More than 9 km
	(53) <i>During the last month how have you spent your time in various activity levels, average number of hours per day?</i>			
178	(a) Heavy activity (e.g. as a miner)	208-209	—	---
179	(b) Moderate activity	210-211	—	---
180	(c) Slight activity	212-213	—	---
181	(d) Sedentary activity	214-215	—	---
182	(e) Amount of inactivity	216-217	—	---
183	(f) Total home activity	218-219	—	---
184	(g) How does this physical activity compare with one year ago?	220	1	Almost the same
			2	Increased
			3	Somewhat decreased
			4	Markedly decreased
185	(54a) In the last 12 months how often did the doctor come and see you at home?	221-222	—	Number of times

Item no.	Variable name	Columns	Code	Value of code
186	(54b) In the last 12 months how often did you go to see the doctor?	223-224	—	Number of times
187	(54c) In the last 12 months how many times did you consult with the doctor over the telephone?	225-226	—	Number of times
188	(54d) In the last 12 months how often have you been to an X-ray department?	227-228	—	Number of times
189	(54e) In the last 12 months how often have you been to a general laboratory?	229-230	—	Number of times
190	(54f) In the last 12 months how often have you been to an ECG laboratory?	231-232	—	Number of times
	(55) In the last 12 months how often have you seen your dentist			
191	(a) for your teeth?	233-234	—	Number of times
192	(b) for your prostheses?	235-236	—	Number of times
193-197	Not used	237-252	—	Empty
198	(56a) In the last 12 months how often did the nurse or health visitor visit you at home?	253-254	—	Number of times
199	(56b) In the last 12 months how often did you go to see the nurse?	255-256	—	Number of times
200	(56c) In the last 12 months how many times did you consult with the nurse over the telephone?	257	0 1-8 9	None Once to eight times Nine times or more
201	(57) Were you treated by the physiotherapist during the last year, not including in-patient treatment but including day hospital or other institutions?	258	1 2	Yes No

Item no.	Variable name	Columns	Code	Value of code
202	(58) Were you treated by the occupational therapist during the last year, not including inpatient treatment but including day hospital or other institutions?	259	1 2	Yes No
203	(59) In the last 12 months how many times have you been seen in a hospital outpatient department, polyclinics or by a specialist?	260	0 1-8 9	None Once to eight times Nine times or more
204	(60a) In the last 12 months how many times have you been admitted to a general hospital?	261	0 1-8 9	None Once to eight times Nine times or more
205	(60b) If at all, how many days have you been in a general hospital during the last 12 months?	262-264	0	Not admitted to any general hospital in last 12 months
206	(61a) Have you been admitted to any other institution, psychiatric hospital, long-stay hospital or nursing home during the last 12 months?	265	1 2	Yes No
	<i>If yes, which hospitals or homes were these and how many days were you in them during the last 12 months?</i>			
207	(61b) Home for the aged	266	1 2 3	Yes Not this None
208	(61c) Long-term care place	267	1 2 3	Yes Not this None
209	(61d) Psychiatric hospital	268	1 2 3	Yes Not this None
210	(61e) Sanatorium, rehabilitation centre	269	1 2 3	Yes Not this None
211	(61f) Other institutions	270	1 2 3	Yes Not this None

Item no.	Variable name	Columns	Code	Value of code
212	(61g) The total number of days spent in such establishments	271-273	0	Not admitted to any
213	(62) How many times did you have an operation requiring a general anaesthetic during the last 12 months?	274	0 1-3 4	Not at all Once to three times Four times or more
214	(63) How many times did you have an operation not requiring a general anaesthetic during the last 12 months?	275	0 1-3 4	Not at all Once to three times Four times or more
<i>Five optional questions</i>				
215	(64) Do you regard the access to a doctor as	276	A D 1 2 3	Proxy interview Cannot say Excellent? Satisfactory? Unsatisfactory?
216	(65) Do you regard the access to a dentist as	277	A D 1 2 3	Proxy interview Cannot say Excellent? Satisfactory? Unsatisfactory?
217	(66) Do you regard the access to a hospital as	278	A D 1 2 3	Proxy interview Cannot say Excellent? Satisfactory? Unsatisfactory?
218	(67a) Are you on a waiting list to be admitted to a hospital?	279	1 2	Yes No
219	(67b) If yes, for how long (number of weeks)?	280-281	0 1	Not on a waiting list Up to 1 week
220	(68a) How many different types of medicine prescribed by a doctor have you taken during the past 7 days?	282-283	—	---
221	(68b) If proband has taken any, how many of these types of medicine have you taken regularly each day for at least the last 3 months?	284	A 0-8 9	Proxy interview None to eight Nine or more

Item no.	Variable name	Columns	Code	Value of code
222	(69a) How many different types of medicine that you bought yourself have you taken during the past 7 days?	285-286	—	— — —
223	(69b) If proband has taken any, how many of these types of medicine have you taken regularly each day for at least the last 3 months?	287	A 0-8 9	Proxy interview None to eight Nine or more
224	(70) Do you take any medication to help you to sleep?	288	1 2	Yes No
225- 238	(71) Various tasks difficult to perform by the elderly N.B. This data may now be found in variables DV114-DV127	289-302	—	Empty
239	(72) Do you drive a car yourself?	303	1 2	Yes No
240	(73) Do you have the use of a car?	304	1 2 3	Never Sometimes Always
241	(74) Do you travel by bus or by train?	305	1 2 3 4 5 6	Whenever necessary Only in rush hours Unable to use bus or train Do not want to use bus or train Never need to use bus or train No bus or train nearby
242	(75) Are you able to walk or to go by public transport to the nearest medical doctor or health institution?	306	1 2	Yes No
243	(76) Are you able, without the help of anyone else, to walk or to go by public transport to any institution and settle a question which interests you?	307	1 2	Yes No
244	(77) In the last 12 months, have you had "meals-on-wheels"?	308	B 1 2 3	Institutionalized subject Never Occasionally Regularly

Item no.	Variable name	Columns	Code	Value of code
245	(78) In the last 12 months, have you had a home help?	309	B	Institutionalized subject 1 Never 2 Occasionally 3 Regularly
246	(79) In the last 12 months, have you used a free laundry service?	310	B	Institutionalized subject 1 Never 2 Occasionally 3 Regularly
247	(80) In the last 12 months, have you used chiropody services?	311	B	Institutionalized subject 1 Never 2 Occasionally 3 Regularly
248	(81) In the last 12 months, have you seen a social worker?	312	B	Institutionalized subject 1 Never 2 Occasionally 3 Regularly
249	(82) In your view, what is the most important service that you need?	313-314	A	Proxy interview
			B	Institutionalized subject
			D	Cannot say
			0	Nothing
			1	Old people's home
			2	Fundamental repair of residence
			3	Service house or centre
			4	Day centre
			5	Meals-on-wheels
			6	Bathing service
			7	Chiropody service
			8	Laundry service
			9	Cleaning service (home help)
			10	Transportation service (in addition to public transportation, free or reduced prices for the elderly)
			11	Telephone
			12	Accompanying service
			13	Friend services (visiting, reading, phone calls, etc.)
			14	Organized visits (to theatre, movies, etc.)
			15	Old people's club
			16	Toil and work service
			17	Study circle
			18	Physical exercise in groups
			19	Trips and journeys
			20	Camps and journeys
			21	Health check-ups

(contd opposite)

Item no.	Variable name	Columns	Code	Value of code
			22	Health counselling
			23	Social and retirement counselling
			24	Social workers' services
			25	Other
250	(83a) Are you a member of some club, association or society?	315	1 2	Yes No
251	(83b) If yes, how many clubs or associations or societies are there in which you are a member?	316	0 1-8 9	Not a member of any club, association or society One to eight Nine or more
252	(83c) If yes, for the organizations in which you are most active, which of the following statements best describes your function?	317	0 1 2 3 4	Not a member of any club, association or society I am only an inactive member and do not participate in activities I am a member and participate in activities occasionally I am an active member I belong to the executive members of the organization
253	(84) Are you a member of some association of retired people?	318	1 2 3	Yes Not a member of any association of retired people Not a member of any club, association or society
254	(85) Are you at present a responsible person (or appointed representative) in a state or public organization?	319	1 2	Yes No
255- 259	Not used	320-332	—	Empty
	(86) <i>How many times have you in the last 12 months visited the following places or taken part in the following occasions?</i>			
260	(a) Family ceremonies, weddings, funerals, birthday parties	333	0 1-8 9	Not at all Once to eight times Nine times or more
261	(b) Theatre, movies, concert, art exhibitions	334	0 1-8 9	Not at all Once to eight times Nine times or more

Item no.	Variable name	Columns	Code	Value of code
262	(c) Activities of clubs or associations or societies	335	0 1-8 9	Not at all Once to eight times Nine times or more
263	(d) Library	336	0 1-8 9	Not at all Once to eight times Nine times or more
264	(e) Sports competition — watching or taking part	337	0 1-8 9	Not at all Once to eight times Nine times or more
265	(f) Religious service	338	0 1-8 9	Not at all Once to eight times Nine times or more
266	(g) A foreign country	339	0 1-8 9	Not at all Once to eight times Nine times or more
267	(h) Journey in home country (at least 100 km)	340	0 1-8 9	Not at all Once to eight times Nine times or more
	(87) <i>When did you last go to</i>			
268	(a) a beauty salon?	341	1 2 3 4 5 6	0-2 weeks ago 3 weeks - 2 months ago About half a year ago About a year ago More than a year ago Never
269	(b) hairdresser or barber shop?	342	1 2 3 4 5 6	0-2 weeks ago 3 weeks - 2 months ago About half a year ago About a year ago More than a year ago Never
	(88) <i>How do you usually spend the time which is left over outside work and necessary housework, shopping and rest?</i>			
270	(a) Active creative activities	343	1 2	Yes No
271	(b) Social activities	344	1 2	Yes No

Item no.	Variable name	Columns	Code	Value of code
272	(c) Enjoying fresh air, walking in the open	345	1 2	Yes No
273	(d) Travelling	346	1 2	Yes No
274	(e) Social intercourse	347	1 2	Yes No
275	(f) Studying	348	1 2	Yes No
276	(g) Physical exercise	349	1 2	Yes No
277	(h) Collective cultural services	350	1 2	Yes No
278	(i) TV, radio	351	1 2	Yes No
279	(j) Religious activities	352	1 2	Yes No
280	(k) Reading	353	1 2	Yes No
281	(l) Entertainment	354	1 2	Yes No
282	(m) Rest, relaxation	355	1 2	Yes No
283	(89) How often are you alone?	356	A 1 2 3	Proxy interview Often Rarely Never
284	(90a) When did somebody last visit you?	357	1 2 3 4 5 6 7	Today or yesterday Some days ago About a week ago About 2 weeks ago About a month ago About half a year ago More than half a year ago or no-one
285	(90b) Who visited you then?	358	. 1 2 3 4	Information missing or no-one Your child Another relative A friend Some other person

Item no.	Variable name	Columns	Code	Value of code
286	(91a) When did you last visit somebody?	359	1 2 3 4 5 6 7	Today or yesterday Some days ago About a week ago About 2 weeks ago About a month ago About half a year ago More than half a year ago or no-one
287	(91b) Who did you visit then?	360	. 1 2 3 4	Information missing or no-one Your child Another relative A friend Some other person
	(92) Now I should like to know how many living children and siblings you have.			
288	(a) Children (including adopted children)	361	0 1-8 9	None One to eight Nine or more
289	(b) Sisters or brothers	362	0 1-8 9	None One to eight Nine or more
290	(c) If there are children, are some of your children living:	363	C 1 2 3	I do not have living or adopted children In the same house or in the very neighbourhood In the same area None of them is living near to me
291	(93) Do you have any good friends?	364	1 2	Yes No
292	(94) Which of the following statements describes best your relation to your neighbours?	365	A 1 2 3	Proxy interview Our relations are so familiar that we help each other always when needed, at least one such person We have good relations with our neighbours but we seldom or never visit each other I do not have any contacts with neighbours
293	(95) Do you assist in bringing up any grandchildren or other children, not including economic help?	366	1 2	Yes No

Item no.	Variable name	Columns	Code	Value of code
294	(96) Do you feel lonely?	367	A D 1 2 3	Proxy interview Cannot say Often Sometimes Never
295	(97) Do you feel forgotten?	368	A D 1 2 3	Proxy interview Cannot say Often Sometimes Never
296	(98) Do you feel unnecessary?	369	A D 1 2 3	Proxy interview Cannot say Often Sometimes Never
297	(99) How satisfied are you with your present life?	370	A D 1 2 3 4 5	Proxy interview Cannot say Very satisfied Satisfied Reasonably satisfied, so-so Unsatisfied Very unsatisfied
298	(100) Do you long for company?	371	A D 1 2 3	Proxy interview Cannot say Often Sometimes Never
299	(101) Do you feel tired of life?	372	A D 1 2 3	Proxy interview Cannot say Often Sometimes Never
300	(102) Are you worried about the future?	373	A D 1 2 3	Proxy interview Cannot say Often Sometimes Never
301	(103) How do you feel about your economic situation?	374	A D 1 2 3	Proxy interview Cannot say Good Satisfactory Bad
302	(104) How do you feel about your economic situation if compared with your situation 10 years ago?	375	A D 1 2 3	Proxy interview Cannot say Better The same Worse

Item no.	Variable name	Columns	Code	Value of code
303	(105) Are you satisfied with your past work and career?	376	A D 1 2	Proxy interview Cannot say Satisfied Unsatisfied
304	(106) Are you satisfied with the human relationships which you have had or made during the course of your life?	377	A D 1 2	Proxy interview Cannot say Satisfied Unsatisfied
305	(107) If you could start your life again would you live it more or less in the same way?	378	A D 1 2	Proxy interview Cannot say Yes No
306	(108) Standard of temperature control	379	B 1 2 3	Institutionalized subject Good Sufficient Insufficient
307	(109) General accommodation	380	B 1 2 3	Institutionalized subject Good Sufficient Insufficient
309	(111) Standard of artificial lighting	382	B 1 2 3	Institutionalized subject Good Sufficient Insufficient
310	(112) Opinion of hygiene in the home	383	B 1 2 3	Institutionalized subject Good Sufficient Insufficient
311	(113) Opinion of hygiene in the person	384	B 1 2 3	Institutionalized subject Good Sufficient Insufficient
	(114) During the interview did the subject's behaviour strike you as:			
312	(a) mentally alert?	385	A 1 2	Proxy interview Yes No
313	(b) depressed and/or tearful?	386	A 1 2	Proxy interview Yes No

Item no.	Variable name	Columns	Code	Value of code
314	(c) suspicious (more than reasonable)?	387	A	Proxy interview 1 Yes 2 No
315	(d) passive or indifferent?	388	A	Proxy interview 1 Yes 2 No
316	(e) bizarre or inappropriate in thought or action?	389	A	Proxy interview 1 Yes 2 No
317	(115) Do you think the subject's answers about physical health were	390	A	Proxy interview 1 Optimistic? 2 About right? 3 Pessimistic?
318	(116) Do you think the subject's other answers were	391	A	Proxy interview 1 Optimistic? 2 About right? 3 Pessimistic?
319	Time in minutes required to complete the questionnaire	392-394	—	---
320	Not used	395-396	—	Empty
321	Place of interview	397	B	Institutionalized subject 1 Normal home 2 Special housing
322	Area of residence	398		1 Urban 2 Suburban 3 Rural
323	Not used	399-400	—	Empty

DV no.	Variable label and source	Columns	Code	Value of code
1	Response validity (from items 10-13)	401	1 2	All correct Not all correct
2	Employment status (from items 27, 31)	402	1 2 3 4 5	Full-time Part-time/occasional Housework only Not employed now Never employed
3	Reason left main occupation (from items 28, 33)	403	C 1 2 3 4 5 6 7	Never employed or in main occupation now Age Ill health Redundancy Invalidity Better occupation Could not find appropriate work Other reasons
4	Desire to return to work (from items 29, 34)	404	A C D 1 2	Proxy interview Never employed or working Unsure Yes No
5	Conditions for return to work (from items 30, 35)	405	A C 1 2 3 4 5	Proxy interview Never employed or working or would not like to return to work Part-time job Easier work Change of working conditions Workplace should depend on residence Other or no conditions
6	Areas lived in (from items 40, 41)	406	1 2 3	Mainly urban Mainly rural Both
7	Number of people lived with (from item 42)	407	B 0 1 2	Institutionalized subject None One More than one
8	Who lived with (from items 43, 47)	408-412	—	5-digit concatenation in which: 0 = missing data; and 9 = institutionalized subject
9	Rooms not for own use (from items 49, 50)	413	B 0 1 2	Institutionalized subject None One More than one

DV no.	Variable label and source	Columns	Code	Value of code
10	Bathing facilities (from item 52)	414	B	Institutionalized subject 1 Yes 2 Indirect 3 No
11	Water taps (from items 53, 54)	415	B	Institutionalized subject 1 Both hot and cold, inside 2 Other combinations 3 Neither hot nor cold anywhere
12	Toilet facilities (from items 55, 56)	416	B	Institutionalized subject 1 Indoor WC, not shared 2 Other combinations 3 No WC, not even shared
13	Plumbing (from items 51–56)	417	B	Institutionalized subject 1 All positive 2 Other combinations 3 All negative
14	Warm water tap (from item 53)	418	B	Institutionalized subject 0 Not indoors or no 1 Indoors
15	Cold water tap (from item 54)	419	B	Institutionalized subject 0 Not indoors or no 1 Indoors
16	WC (from item 55)	420	B	Institutionalized subject 0 Not indoors or no 1 Indoors
17	Number of plumbing fixtures indoors (from items 51, 53–55)	421	B	Institutionalized subject 0–4 None to four
18	Radio ownership (from item 62)	422	B	Institutionalized subject 0 No 1 Yes
19	TV ownership (from item 62)	423	B	Institutionalized subject 0 No 1 Yes
20	Electrical equipment (from items 61, 62)	424	B	Institutionalized subject 0–3 None to three
21	Health self-evaluation (from item 75)	425	A	Proxy interview 1 Positive 2 Negative
22	Health self-perception Subjective and objective (from items 74, 75)	426	A	Proxy interview 1 Positive 2 Negative

DV no.	Variable label and source	Columns	Code	Value of code
23	Health comparison (from item 76)	427	A 1 2	Proxy interview Positive Negative
24	Number of diseases, injuries or accidents affecting daily activities (from items 78-96)	428-429	0-19	None to nineteen
25	Any diseases, injuries or accidents not affecting daily activities (from items 97-115)?	430	1 2	Yes No
26	Number of diseases, injuries or accidents affecting daily activities (from items 97-115)	431-432	0-19	None to nineteen
27	Any diseases, injuries or accidents, period (from items 77-115)?	433	0 1 2 3	None Only affecting daily activities Only not affecting daily activities Both types
28	Infections, parasitic diseases (from items 78, 97)	434	1 2 3	Yes Not this None
29	Neoplasms (from items 79, 98)	435	1 2 3	Yes Not this None
30	Endocrine, metabolic, nutritional systems diseases (from items 80, 99)	436	1 2 3	Yes Not this None
31	Blood and blood-forming organs diseases (from items 81, 100)	437	1 2 3	Yes Not this None
32	Mental disorders (from items 82, 101)	438	1 2 3	Yes Not this None
33	Nervous and sensory systems diseases (from items 83, 102)	439	1 2 3	Yes Not this None
34	Hypertension (from items 84, 103)	440	1 2 3	Yes Not this None
35	Heart diseases (from items 85, 104)	441	1 2 3	Yes Not this None

DV no.	Variable label and source	Columns	Code	Value of code
36	Circulatory system diseases (from items 86, 105)	442	1 2 3	Yes Not this None
37	Respiratory system diseases (from items 87, 106)	443	1 2 3	Yes Not this None
38	Digestive system diseases (from items 88, 107)	444	1 2 3	Yes Not this None
39	Genito-urinary system diseases (from items 89, 108)	445	1 2 3	Yes Not this None
40	Complications of pregnancy, childbirth and the puerperium (from items 90, 109)	446	1 2 3	Yes Not this None
41	Diseases of the skin and subcutaneous tissue (from items 91, 110)	447	1 2 3	Yes Not this None
42	Musculoskeletal system and connective tissues diseases (from items 92, 111)	448	1 2 3	Yes Not this None
43	Congenital anomalies (from items 93, 112)	449	1 2 3	Yes Not this None
44	Certain causes of perinatal morbidity and mortality (from items 94, 113)	450	1 2 3	Yes Not this None
45	Symptoms and ill-defined conditions (from items 95, 114)	451	1 2 3	Yes Not this None
46	Accidents, poisonings and violence (from items 96, 115)	452	1 2 3	Yes Not this None
47	Total number of diseases, injuries or accidents (from items 78-115)	453-454	0-19	None to nineteen
48-71	Various complaints (from items 116-139)	455-478	A 0 1	Proxy interview Experienced occasionally or not at all Experienced often or nearly continuously

DV no.	Variable label and source	Columns	Code	Value of code
72	Any complaints (from items 116-139)?	479	A 0 1	Proxy interview No Yes
73	Number of complaints (from items 116-139)	480-481	A 0-24	Proxy interview None to twenty-four
74	Any psychosomatic complaints (from items 116-120, 122-133)?	482	A 0 1	Proxy interview No Yes
75	Number of psychosomatic complaints (from items 116-120, 122-133)	483-484	A 0-17	Proxy interview None to seventeen
76	Any physiological complaints (from items 121, 134-139)?	485	A 0 1	Proxy interview No Yes
77	Number of physiological complaints (from items 121, 134-139)	486	A 0-7	Proxy interview None to seven
78	Efficacy of hearing aid (from items 145-147)	487	0 1 2	No hearing aid Has hearing aid and no hearing problems Has hearing aid, but hearing problems
79	Hearing problems (from items 146-147)	488	1 2	Yes No
80	Problems of daily living (from items 146, 147, 150, 151, 154, 156)	489	1 2	Yes No
81	Degree of smoking (from items 161-163)	490	0 1 2 3	Nonsmoker now or never smoked Light smoker Moderate smoker Heavy smoker
82	Type of smoker (from items 161-163)	491	0 1 2 3 4	Does not smoke now or never smoked Smokes cigarettes only Smokes cigars only Smokes pipe only Smokes any combination of these
83	Alcohol consumption (from items 164-166)	492	1 2	Yes No

DV no.	Variable label and source	Columns	Code	Value of code
84-86	Degree of spirits, wine or beer consumption (from items 167-169)	493-495	1 2 3 4	Frequent user (to 7 days) Infrequent user (less often) Does not drink this Does not drink at all
87	Degree of alcohol consumption (from items 167-169)	496	1 2 3	Frequent Infrequent Non-drinker
88	Quantity of physical exercise (from item 174)	497	0 1 2 3	None Light (1 hour/day) Moderate (1-2 hours/day) Heavy (over 2 hours/day)
89	Weekday walking (from item 176)	498	0 1 2 3	None Light (1 km) Moderate (1-2 km) Heavy (over 2 km)
90	Weekend walking (from item 177)	499	0 1 2 3	None Light (1 km) Moderate (1-2 km) Heavy (over 2 km)
91	Physical effort capacity (from items 171, 174-177)	500	0 1 2 3	None Light Moderate Heavy
92	Total doctor visits (from items 185, 186)	501-503	—	---
93	Total doctor contacts (from items 185, 187)	504-506	—	---
94	Total tests (from items 188, 190)	507-509	—	---
95	Total dentist visits (from items 191, 192)	510-512	—	---
96	Total nurse visits (from items 198, 199)	513-515	—	---
97	Total nurse contacts (from items 198-200)	516-518	—	---
98	Total visits received from doctors and nurses (from items 185, 198)	519-521	—	---
99	Total visits made to doctors and nurses (from items 186, 199)	522-524	—	---

DV no.	Variable label and source	Columns	Code	Value of code
100	Total telephone contacts with doctors and nurses (from items 187, 200)	525-527	—	---
101	Total doctor and nurse visits (from items 185, 186, 198, 199)	528-530	—	---
102	Total doctor and nurse contacts (from items 185-187, 198-200)	531-533	—	---
103	Types of contact with doctors and nurses (from items 185-187, 198-200)	534	0 1 2 3 4	None Only received visits Only made visits Visited and visiting Only telephone contacts
104	Use of health system (from items 185, 186, 188-192, 198, 199, 201-204, 206)	535	0 1	Not used in last year Used in last year
105	Total days in any hospitals or institutions (from items 205, 212)	536-538	—	---
106	Any operations in past year (from items 213, 214)	539	0 1	None One or more
107- 109	Access to doctors, dentists, hospitals (from items 215-217)	540-542	A 1 2 3	Proxy interview Excellent Satisfactory/cannot say Unsatisfactory
110	Overall access to doctors, dentists, hospitals (from items 215-217)	543	A 1 2 3	Proxy interview Excellent Satisfactory/cannot say Unsatisfactory
111	Number of medicines taken in past week (from items 220, 222)	544-546	—	---
112	Source of medicines taken in past week (from items 220, 222)	547	0 1 2 3	None Only prescribed Only not prescribed Both
113	Number of these medicines taken in past quarter (from items 221, 223)	548	A 0-8 9	Proxy interview None to eight Nine or more

DV no.	Variable label and source	Columns	Code	Value of code
<i>The following tasks are often difficult to perform by the elderly. Can you do them?</i>				
114	(1) Move outdoors (from item 225)	549	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
115	(2) Walk between rooms (from item 226)	550	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
116	(3) Use stairs (from item 227)	551	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
117	(4) Walk at least 400 m (from item 228)	552	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
118	(5) Carry heavy thing, as shopping bag of 5 kg, for 100 m (from item 229)	553	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
119	(6) Use the lavatory (from item 230)	554	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
120	(7) Wash and bathe self (from item 231)	555	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
121	(8) Dress and undress (from item 232)	556	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do

DV no.	Variable label and source	Columns	Code	Value of code
122	(9) Get in and out of bed (from item 233)	557	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
123	(10) Do own cooking (from item 234)	558	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
124	(11) Feed self (from item 235)	559	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
125	(12) Cut own toe-nails (from item 236)	560	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
126	(13) Do light housework (from item 237)	561	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
127	(14) Do heavy housework (from item 238)	562	1 2 3 4	Can do, without difficulty Can do, with difficulty but without help Can do, only with help Cannot do
128-141	Various inabilities (from items 225-238)	563-576	0 1	Able to do Unable to do
142	Mobility inability (from items 225, 227-229)	577	0 1	Able to do all Unable to do some
143	Number of mobility inabilities (from items 225, 227-229)	578	0-4	None to four
144	Self-care inability (from items 226, 230-236)	579	0 1	Able to do all Unable to do some
145	Number of self-care inabilities (from items 226, 230-236)	580	0-8	None to eight

DV no.	Variable label and source	Columns	Code	Value of code
146	Housework inability (from items 237, 238)	581	0 1 2	Able to do heavy housework Able to do light housework only Unable to do even light housework
147	Any inability (from items 225-238)	582	0 1	No inability Some inability
148	Total number of inabilities (from items 225-238)	583-584	0-14	None to fourteen
149- 162	Various problems (from items 225-238)	585-598	0 1	Not a problem A problem
163	Mobility problems (from items 225, 227-229)	599	0 1	No problems Some problem(s)
164	Number of mobility problems (from items 225, 227-229)	600	0-4	None to four
165	Self-care problems (from items 226, 230-236)	601	0 1	No problems Some problem(s)
166	Number of self-care problems (from items 226, 230-236)	602	0-8	None to eight
167	Housework problems (from items 237, 238)	603	0 1 2	No problem with heavy housework No problem with light housework only Problems even with light housework
168	Any problems (from items 225-238)?	604	0 1	No problem Some problem(s)
169	Total number of problems (from items 225-238)	605-606	0-14	None to fourteen
170- 174	Use of helping services (from items 244-248)	607-611	B 0 1	Institutionalized subject Not at all used in past year Used in past year
175	Any use of helping services (from items 244-248)	612	B 0 1	Institutionalized subject None used Some used
176	Number of helping services used (from items 244-248)	613	B 0-5	Institutionalized subject None to five
177	Activity in clubs, associations, societies (from item 252)	614	0 1 2	Non-member Inactive/occasional member Active/executive member

DV no.	Variable label and source	Columns	Code	Value of code
178	Total number of individual occasions participated in in past year (from items 260-267)	615-616	0 1-8 9-72	None One to eight At least 9 to at least 72
179-186	Various types of occasion (from items 260-267)	617-624	0 1	Not participated Participated
187	Number of types of occasion participated in in past year (from items 260-267)	625	0-8	None to eight
188	Total number of pastimes (from items 270-282)	626-627	0-13	None to thirteen
189	Social pastimes (from items 271, 274, 279)	628	0-3	None to three
190	Restful pastimes (from items 272, 282)	629	0-2	None to two
191	Studios pastimes (from items 275, 280)	630	0-2	None to two
192	Media pastimes (from items 277, 278, 281)	631	0-3	None to three
193 & 194	Visitors (from items 284, 286)	632-633	1 2 3	Numerous (less than 1 week ago) Medium (about 1-2 weeks ago) Few (about 1 month or more ago)
195	Overall visitors (from items 284, 286)	634	1 2 3	Numerous Medium Few
196	Who visiting/visited (from items 285, 287)	635	1 2 3 4	Child Other relative Friend Other person
197	Total children and siblings (from items 288, 289)	636	0-8 9	None to eight Nine or more
198	Ties with people (from items 288, 289, 291-293)	637	A 0 1	Proxy interview None Some
199	Aloneness (from items 283, 284, 286, 292)	638	A 1 2 3	Proxy interview Not too alone So-so Very alone

DV no.	Variable label and source	Columns	Code	Value of code
200-205	Various feelings (from items 294-296, 298-300)	639-644	A	Proxy interview 1 Often 2 Sometimes/cannot say 3 Never
206	Are you satisfied with your present life (from item 297)?	645	A	Proxy interview 1 Unsatisfied 2 So-so 3 Satisfied
207	How do you feel about your economic situation (from item 301)?	646	A	Proxy interview 1 Bad 2 Satisfactory/cannot say 3 Good
208	Your economic situation compared to 10 years ago (from item 302)	647	A	Proxy interview 1 Worse 2 The same/cannot say 3 Better
209	Loneliness (from items 294, 295, 298)	648	A	Proxy interview 1 Lonely 2 So-so 3 Not lonely
210	Dissatisfaction with present life (from items 296, 297, 299)	649	A	Proxy interview 1 Dissatisfied 2 So-so 3 Not dissatisfied
211	Economic situation (from items 301, 302)	650	A	Proxy interview 1 Negative 2 So-so 3 Positive
212	Satisfaction with past life (from items 303-305)	651	A	Proxy interview 1 Satisfied 2 So-so 3 Not satisfied
213	Interviewer perception of subject's home and person (from items 306-311)	652	A B	Proxy interview Institutionalized subject 1 Good 2 Sufficient 3 Insufficient
214	Interviewer perception of subject's behaviour (from items 312-316)	653	A	Proxy interview 1 All OK 2 Something amiss
215	Treated by physiotherapist and/or occupational therapist (additional DV from items 201, 202)	654	0 1	No Yes

DV no.	Variable label and source	Columns	Code	Value of code
216	Birth year (from item 8)	655	.	Information missing or other years 1 1910-1919 2 1900-1909 3 1890-1899
217	How long educated (from item 16)?	656	1	0-3 years 2 4-8 years 3 9-12 years 4 13+ years
218	Number of incapacities (from items 225-238, 242, 243)	657-658	0-16	None to sixteen
219	Family life (from items 42-48)	659	B	Institutionalized subject 1 Alone 2 With spouse 3 With child(ren) 4 With grandchild(ren) 5 With sibling(s) 6 With other(s)
220	Housing descriptors (from items 50, 51, 53, 55, 57-59, 61, 62, 66)	660-661	B	Institutionalized subject 0-10 None to ten
221	Social activities (from items 260, 262, 271, 274)	662	0-4	None to four
222	Cultural activities (from items 261, 277, 278)	663	0-3	None to three
223	Number of occasions taken part in in past year (from DV178)	664	0-8	None to eight 9 Nine or more
224-233	Frequency of visits or contacts (from items 185-192, 198, 199)	665-674	0	None in past year 1 One in 1/2-1 year 2 One in 1/4-1/2 year 3 One in 2-3 months 4 One in 1-2 months 5 One in 3-4 weeks 6 One in 2-3 weeks 7 One in 1-2 weeks 8 More than one per week
234	Frequency of phone contacts with nurse (from item 200)	675	0	None in past year 1 One in 1/2-1 year 2 One in 1/4-1/2 year 3 One in 2-3 months 4 One in under 2 months

DV no.	Variable label and source	Columns	Code	Value of code
235	Frequency of admission to general hospital (from item 204)	676	0 1 2 3 4	None in past year One in $\frac{1}{2}$ -1 year One in $\frac{1}{4}$ - $\frac{1}{2}$ year One in 2-3 months One in under 2 months
236 & 237	Length of stay (from items 205, 212)	677-678	0 1 2 3 4 5 6 7 8	No stay 0-1 week 1-2 weeks 2-3 weeks 3-4 weeks 1-2 months 2-3 months $\frac{1}{4}$ - $\frac{1}{2}$ year $\frac{1}{2}$ -1 year
238- 248	Frequency of visits or contacts (from DVs 92-102)	679-689	0 1 2 3 4 5 6 7 8	None in past year One in $\frac{1}{2}$ -1 year One in $\frac{1}{4}$ - $\frac{1}{2}$ year One in 2-3 months One in 1-2 months One in 3-4 weeks One in 2-3 weeks One in 1-2 weeks More than one per week
249	Length of stay (from DV105)	690	0 1 2 3 4 5 6 7 8	No stay 0-1 week 1-2 weeks 2-3 weeks 3-4 weeks 1-2 months 2-3 months $\frac{1}{4}$ - $\frac{1}{2}$ year $\frac{1}{2}$ -1 year
250	Specific weight of observation (ratio of population sampled to size of sample per sex and age group)	691-694	—	---
251	Pooling weight of observation (as previous but for a standard total population figure of 100 000)	695-697	—	---
252	Not used	698-700	—	Empty

