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Chinese Longitudinal Healthy Longevity Survey (CLHLS), 1998-2012

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2000 Data Collection Instrument

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Questionnaire on Determinants of Healthy Longevity in China

(The second wave conducted in 2000)

Approved by National Statistics Bureau, China, P. R. NSB Doc. No.: 2000 (0537)

Note: Interviews are based on voluntary participation

| No.: | | | | | | | | |
|------------|---------|-------------------|----------------|---|---------------|-----------------|---------------------------------|----------|
| Questionna | aire Co | | code) (coun | ty code) (basic co | ode) | | | |
| Interview | ee's n | ame: | | Signat | ure of in | terviewee or | r relatives | |
| Current A | Addres | S: | detailed v | illage or street add | dress (inc | eluding street, | , apartment # etc.) | -) |
| | | | postal co | de district or to | ownship | county or | city province | e e |
| Post Cod | _ | ecord | | Tel No:(area co | ode) | | | |
| Da | te and | time of inte | erview | R | Reasons f | or not finishin | ng questionnaire | |
| month | day | beginning time | ending time | 1 the interviewee refused to be interviewed | 2 the in died | | 3 the interviewee has emigrated | 4 other |
| | | | | | | | | |
| Signat | ture | <u>:</u> | | | <u> </u> | | | <u>i</u> |
| Intervie | ewer: _ | | | | Date: | day | month | year |
| Doctor | : - | | | | Date: | day | month : | year |
| Superv | isor 1: | | | | Date: | day | month | year |
| Superv | isor 2: | | | | Date: | day | month | year |

Guarantee for interviewee

All information collected in this survey will be treated as strictly confidential. The record of your name and address here will be used only in future follow-up health observation/examination surveys. We guarantee that nobody will be allowed to have access to information from this questionnaire except qualified researchers. The computerized data resulting from this survey will not include your name and address. The primary purpose of this survey is scientific research, but, if you so desire, the doctor or nurse who examines you will give you information and advice about your health based on your responses.

General Instructions to interviewer

- 1. All questions marked with a '*' must be answered if possible. The answers must come from the interviewees themselves, i.e. these questions may not be answered by other people. If the interviewee is not able to answer a question, please circle 'not able to answer'. In addition, interviewers should encourage the elders to attempt to answer as many of the other questions (those without a '*') as possible.
- 2. If some of the questions without a '*' cannot be answered by the elders themselves, interviewers should ask their closest relative(s) or caregiver(s) to answer them. (The box in the third column is to be checked whenever the question is not answered by the interviewee.) If no one can answer the question, please explain why in the margin.
- 3. Detailed instructions (including illustrations of definitions, how to measure, examples etc.) will be prepared in the Chinese language, and will be easy to read and implement. All of the questions will be in easily understood Chinese.
- 4. Interviewees who newly join the survey should attempt to answer all questions, including those appearing on a shaded background. Those who were interviewed in the previous survey should only attempt to answer the questions that do not appear on a shaded background.

Category of interviewee

| I. category of the interviewee: | | | |
|---|--|---|------------------------|
| 1. elder who was interviewed in 1998; 2. centenarians or became 80 or 81 years in 2 | - | | elder; 3. newly became |
| if answer I | , 2, or 3, please jump to III | | |
| II. If (s)he is a sibling of interviewed el 1. sibling 2. half sibling 3. adopted s | · · | | |
| III. current residence area of interviewee 1. city 2. town 3. rural | | | |
| IV. validated age | | | |
| A. Basic Int | formation | | Code |
| A1 Sex | 1 male 2 female | 0 | |
| A2 Ethnic group | | 0 | |
| A3.1 Animal year of interviewee's birth | 1 rat 2 ox 3 tiger 4 rabbit 5 dragon 6 snake 7 horse 8 sheep 9 monkey 10 rooster 11 dog 12 boar | 0 | |
| A3.2 Date of birth: | | 0 | |
| (a) western calendar (b) Chinese calendar | year month year month | 0 | |
| A4.1 Which province were you born? | province | 0 | |
| A4.2 Which county (city) were you born? | same as current address other city or county | | |
| A4.3 Was the place of birth an urban area or a rural area (at time of birth)? | 1 urban 2 rural | 0 | |
| A5.1 Co-residence | 1 with household member(s) 2 alonejump to A5.4 3 in an institutionjump to A5.4 | 0 | |
| A5.2 How many people are living with you? | person(s) | 0 | |

| | | | | | | 1 | : | |
|--|--|---------------------------|-------|--------|------------|-------------------|-----|------|
| A5.3 Who are they? (Use back of paper for additional) | relationship with interviewee | name | sex | age | | relation -ship | age | sex |
| people if necessary.) | | | | | 0 | | | |
| Note: | | | | | 0 | | | |
| If ages are unknown, please fill in '888'. | | | | | \cap | | | |
| Relationship with interviewee: 0 spouse | | | | | \bigcirc | | | |
| 1 child | | | | | | | | |
| 2 spouse of child 3 grandchild | | | | | \cup | | | |
| 4 spouse of grandchild | | | | | \circ | | | |
| 5 great grandchild or spouse of great grandchild | | | | | 0 | | | |
| 6 sibling 7 parent or parent-in-law | | | | | 0 | | | |
| 8 other | | | | | 0 | | | |
| | | | | | \bigcirc | | | |
| | | | | | \bigcirc | | | |
| | | | | | \bigcirc | | | |
| | | | | | \cup | | | |
| | Jump to | Part B | | | | <i>y</i> | | |
| A5.4 If living alone or in nursing home, since when? | year | _ month _ | | _ | 0 | | | |
| | | | | | | | | |
| B. Life Evaluation and Personality | (to be answe | red only by | inter | viewee | e) | | | Code |
| * B1.1 How do you rate your life at present? | 1 very good 3 so so 5 very bad 8 not able to | 2 good 4 bad answer | | | | | | |
| * B1.2 How do you rate your health at present? | 1 very good 3 so so 5 very bad 8 not able to | 4 bad | | | | | | |
| * B2.1 Do you always look on the bright side of things? | 1 always 2 4 seldom 5 8 not able to | never | metim | nes | | | | |
| * B2.2 Do you like to keep your belongings neat and clean? | 1 always 2 often 3 sometimes 4 seldom 5 never 8 not able to answer | | | | | | | |
| * B2.3 Do you often feel fearful or anxious? | 1 always 2 4 seldom 5 8 not able to | never | metim | nes | | | | |

| * B2.4 Do you often feel lonely and isolated? | 1 always 2 often 3 sometimes 4 seldom 5 never 8 not able to answer | |
|---|--|------|
| | | |
| * B2.5 Can you make your own | 1 always 2 often 3 sometimes 4 seldom 5 never | |
| decisions concerning your personal affairs? | 8 not able to answer | |
| | 1 always 2 often 3 sometimes | |
| * B2.6 Do you feel the older you get, the more useless? | 4 seldom 5 never | |
| the more useress: | 8 not able to answer | |
| * B2.7 Are you as happy as when you | 1 always 2 often 3 sometimes | |
| were younger? | 4 seldom 5 never | |
| , J | 8 not able to answer | |
| | | ш |
| | | Code |
| C. Mini Mental State E | xamination (MMSE) | Code |
| C1 ORIENTATION (to be answered only | by interviewee) | |
| * C1.1 What time of day is it right now | 1 correct 0 wrong | |
| (morning, afternoon, evening)? | 8 not able to answer | |
| * C1.2 What is the month (Western or | 1 correct 0 wrong | |
| Chinese calendar) right now? | 8 not able to answer | |
| * C1.3 What is the date (day and month) | 1 correct 0 wrong | |
| of the mid-autumn festival? | 8 not able to answer | |
| * C1.4 What is the season right now? | 1 correct 0 wrong | |
| | 8 not able to answer | |
| * C1.5 What is the name of this county or | 1 correct 0 wrong | |
| district? | 8 not able to answer | |
| * C1.6 Please name as many kinds of food | (Irinds of food) | |
| as possible in 1 minute. | (kinds of food) | |
| C2 REGISTRATION (to be answered on | ly by interviewee) | |
| * C2.1 I am now going to test your | | |
| memory. I will mention three | | |
| objects. | | |
| (Mention the following three objects without | | |
| making a pause:) | 1 correct 0 wrong | |
| table, apple, clothes | 8 not able to answer | |
| Please repeat these three objects. | | |
| (Evaluation based on first attempt only). | | |
| If all three questions are answered correct, | | _ |
| please jump to C3.1 | | |
| table | | |
| apple | | |
| clothes | | |

| *C2.2 If answers are insufficient or incorrect on first attempt, repeat the names of all objects until the interviewee is able to name all three of them (6 attempts at maximum). Write the number of attempts (e.g. '1', if all three objects are repeated correctly on first attempt). Write '7' if interviewee cannot repeat the names even after 6 attempts. | attempts | |
|--|--|--|
| C3 ATTENTION AND CALCULATION (| (to be answered only by interviewee) | |
| * C3.1 I will ask you to spend 3 dollars from 20 dollars, then you must spend 3 dollars from the number you arrived at and continue to spend 3 dollars until you are asked to stop. | | |
| (Circle '1' each time the difference is 3 – even if a former answer was wrong. If the interviewee forgets the last number, the interviewer should repeat it, but then circle '0' even if the answer was correct. Maximum score = 5 correct answers.) | 1st 1 correct 0 wrong 8 not able to answer 2nd 1 correct 0 wrong 8 not able to answer 3rd 1 correct 0 wrong 8 not able to answer 4th 1 correct 0 wrong 8 not able to answer 5th 1 correct 0 wrong 8 not able to answer | |
| * C3.2 Ask the interviewee to draw the figure on Card B. (Circle '1' if all the sides and angles are correct and if the figure in the middle is a quadrangle. Otherwise, circle '0'.) | 1 correct 0 wrong 8 not able to do this | |
| C4 RECALL (to be answered only by inte | erviewee) | |
| * C4.1 Please repeat the three words (in any order) that I asked you to repeat a little while ago. (Note the correct or the wrong answers as the scores.) table apple clothes | 1 correct 0 wrong 8 not able to do this | |
| C5 LANGUAGE (to be answered only b | by interviewee) | |

| * C5.1 Give the interviewee a pen and then a watch and ask what these objects are called (I point for each correct answer). Pen Watch | 1 correct 0 wrong 8 not able to answer | |
|---|--|--|
| * C5.2 I will now ask you to repeat the following sentence: 'What you plant, what you will get.' (Circle '1' only if repeated correctly on the first attempt.) | 1 correct 0 wrong 8 not able to answer | |
| * C5.3 I will give you a piece of paper. You must take the paper using your right hand, fold it in the middle using both hands, and place the paper on the floor. (Read the text aloud and hand a piece of paper to the interviewee. Give the paper directly to the interviewee. Do not repeat the instructions and do not offer any help. Note every movement as correct if it is made in the correct order.) | 1 correct 0 wrong 8 not able to do | |
| right hand folding on the floor | | |
| C5.4 Was the interviewee able to answer the questions in sections B and C? (answered by Interviewer ONLY) | 1 yes 2 no 3 partly | |
| C5.5 If 'no' or 'partly', what is the main reason? (answered by Interviewer ONLY) | visually impaired, but can hear hearing impaired, but can see visually and hearing impaired paralyzed did not wish to participate could not understand because of cognitive impairment not able to participate at the moment because of some temporary illness such as a cold other (please explain): | |

| D. LIFE STYLE | | | | | | | | | Code | |
|-------------------------------------|--|------------------------------------|----|---|------------|---|------------|--------|------------|--|
| D1 Please tell us eat. | 1 rice 2 corn (maize) 3 wheat (noodles and bread etc.) 4 other: | | | | | | | | | |
| | f the above food do eat per day? | lia | ng | | | 0 | | | | |
| D3.1 Do you eat fr | 1 almost everyday year round 2 almost everyday except in winter 3 occasionally 4 rarely or never | | | | 0 | | | | | |
| D3.2 Do you eat f | 1 almost eve 2 almost eve 3 occasional 4 rarely or no | ryday ly | | | 0 | | | | | |
| | e what other kinds of mally eat and how | around age 60 at present | | | | | around age | : 60 a | at present | |
| | Meat | | | | | 0 | [| | | |
| | Fish | | | | | 0 | [| | | |
| 1 almost everyday 2 occasionally | Eggs | | | | | 0 | | | | |
| 3 rarely or never | Food made from beans (tofu, etc.) | | | | | 0 | [| | | |
| | Salt-preserved vegetables | | | | | 0 | [| | | |
| | Sugar | | | | | 0 | | | | |
| | Tea | | | | | 0 | | | | |
| | Garlic | | | | | 0 | | | | |
| D5 What kind of w | 1 boiled water 2 un-boiled water | | | 0 | | - | | | | |
| D6 Such water is | s (was): | childhood around age 60 at present | | | at present | | childhood | age 60 | present | |
| 3 water from | a river or lake | | | | | 0 | | | | |
| D7.1 Do you smoke | e at the present time? | 1 yes 2 no | | • | | 0 | | | | |
| D7.2 Did you smol | ke in the past? | 1 yes 2 no | | | | 0 | | | | |

| If the answers of D7. | l and D7.2 are both 'no', please j | итр і | to D8.1 |
|--|--|--------|---------|
| D7.3 How old were you when you began to smoke? | age | 0 | |
| D7.4 How old were you when you stopped smoking if you don't smoke at present? | age | 0 | |
| D7.5 If you smoke at the present time (or smoked in the past), how many times per day on average do you smoke? | times | 0 | |
| D8.1 Do you drink alcohol at the present time? | 1 yes 2 no | 0 | |
| D8.2 Did you drink alcohol in the past? | 1 yes 2 no | 0 | |
| - | I and D8.2 are both 'no', please j | итр і | to D9.1 |
| D8.3 How old were you when you began to drink alcohol? | age | 0 | |
| D8.4 How old were you when stopped drinking alcohol if you don't drink alcohol at present? | age | 0 | |
| D8.5 If you drink at the present time (or drank in the past), what kind of alcohol do you drink? | 1 very strong liquor (≥38°) 2 not very strong liquor (<38°) 3 wine 4 rice wine 5 beer 6 others | 0 | |
| D8.6 If you drink alcohol at the present time (drank in the past), how much per day on average do you drink? | liang | 0 | |
| D9.1 Do you do exercises regularly at present? | 1 yes 2 no | 0 | |
| D9.2 Did you do exercises regularly in the past? | 1 yes 2 no | 0 | |
| If the answers of D9.1 | l and D9.2 are both 'no', please ji | ımp te | o D10.1 |
| D9.3 How old were you when you began to do exercises? | age | 0 | |
| D9.4 How old were you when you stopped doing exercises if you don't do exercises at present? | age | 0 | |
| D10.1 Have you done physical labour regularly? | 1 yes 2 no <i>jump to D11</i> | О | |
| D10.2 If yes, from which age | from age | 0 | |
| D10.3 to which age? | to age | 0 | |

| D11 Do you now perform the following activities regularly? | | | |
|---|--|-------------|------|
| Housework | 1 almost everyday 2 sometimes 3 never | 0 | |
| grow vegetables & other field work | 1 almost everyday 2 sometimes 3 never | 0 | |
| garden work | 1 almost everyday 2 sometimes 3 never | 0 | |
| read newspapers/books | 1 almost everyday 2 sometimes 3 never | 0 | |
| raise domestic animals | 1 almost everyday 2 sometimes 3 never | 0 | |
| play cards and/or mah-jong | 1 almost everyday 2 sometimes 3 never | 0 | |
| watch TV and/or listen to radio | 1 almost everyday 2 sometimes 3 never | 0 | |
| religious activities | 1 almost everyday 2 sometimes 3 never | 0 | |
| | 5 110,101 | | |
| | 1 5 10 10 | | |
| E. KA? For each area of functioning listed b (The word 'assistance' means supervise) | ΓΖ' ADL elow, check the description that app | | Code |
| For each area of functioning listed b | ΓΖ' ADL elow, check the description that app | ans or or | Code |

| Е3 | Toilet – going to the toilet; cleaning oneself afterwards | goes to the toilet, cleans self, and arranges clothes without assistance (may use object for support such as cane, walker, or wheelchair) receives assistance in going to the toilet or in cleaning self or in arranging clothes afterwards or in use of night bedpan or commode doesn't use a toilet | 0 | |
|------|---|---|---|------|
| E4 | Transfer | gets in and out of bed as well as in and out of a chair without assistance (may use object for support such as cane or walker) gets in and out of bed or chair with assistance bedridden | 0 | |
| E5 | Continence | has complete control of urination and bowel movement without assistance has occasional 'accidents' supervision helps keep urine or bowel control; catheter is used or elder is incontinent | 0 | |
| Е6 | Feeding | feeds self without assistance feeds self, with some help receives assistance in feeding or is fed partly or completely intravenously | 0 | |
| | F. PERSONAL B. | ACKGROUND | | Code |
| F1 | How many years did you attend school? | | 0 | |
| F2 | What was your main occupation before age 60? | 0 professional and technical personnel 1 governmental, institutional or managerial personnel 2 agriculture, forest, animal husbandry 3 fishery worker 4 industrial worker 5 commercial or service worker 6 military personnel 7 housework 8 other, please specify: | 0 | |
| F3.1 | What is your main means of financial support? | 1 retirement wages 2 spouse 3 children 4 grandchildren 5 other relative 6 from local government or community 7 work 8 other, please specify: | 0 | |

| F3.2 Could your main fit maintain your daily | 1 yes 2 no 3 so so 4 don't know | | | | \circ | | | | |
|--|--|---|---|---------------------------|----------------------------|-------------------------|--------|-------------------------|--|
| F3.3 What is your other financial support? choices but limit to | 1 retirement wages 2 spouse 3 children 4 grandchildren 5 other relative 6 from local government or community 7 work 8 other, please specify: | | | | 0 | | | | |
| F3.2 Could all of your fi maintain your daily | | 1 yes 2 4 don't | no 3 so so |) | | 0 | | | |
| F4.1 Current marital sta | tus: | 1 marrie 2 separa 3 divorc 4 widow 5 never | ed ved | g with spo | use | \bigcirc | | | |
| F4.2 How many times hat married? | ave you been | | , if ans | wer 0 jun | ıp to F5 | 0 | | | |
| F4.3 Please tell me your r | your age at this marriage | status of this marriage | marriage | good relationship ? | | age at this marriage | status | age at dissolution last | |
| ('age at marriage dissolution' to be answered only by divorced | 1 st marriage | | 1 married 2 divorced 3 widowed | | 1 good 2 so so 3 bad | 0 | | | |
| or widowed people) | 2 nd marriage | | 1 married 2 divorced 3 widowed | | 1 good 2 so so 3 bad | 0 | | | |
| | 3 rd marriage | | 1 married 2 divorced 3 widowed | | 1 good 2 so so 3 bad | 0 | | | |
| | 4 th marriage | | 1 married 2 divorced 3 widowed | | 1 good 2 so so 3 bad | 0 | | | |
| F4.4 How many years di spouse attend scho | <u> </u> | | | | 0 | | | | |
| F4.5 What was your last occupation before | 1 govern manag 2 agricu 3 fishery 4 indust 5 comm 6 militar 7 house | sional and mental, in gerial perso lture, fores worker rial worker ercial or se ry personne work please spec | stitutional onnel t, animal h ervice work | or usbandry | 0 | | | | |

| F5 When you are sick, who usually takes care of you? | 1 children and/or spouse 2 other family members 3 friends 4 live-in caregiver 5 social service 6 nobody | 0 | |
|---|---|---|--|
| F6.1 Can you get adequate medical service when you are sick? | 1 yes 2 no 3 never been sick | 0 | |
| F6.2 Could you get adequate medical service when you were sick at around age 60? | 1 yes 2 no 3 never was sick | 0 | |
| F6.3 Could you get adequate medical service when you were sick in childhood? | 1 yes 2 no 3 never was sick | 0 | |
| F6.4 Who mainly pay for your medical cost? | 1 public medical health 2 self 3 family and children 4 other | 0 | |
| F6.5 What's the main reason that you didn't go to hospital when it was necessary? | 1 no money to pay for 2 far away 3 inconvenient in movement 4 nobody to go with 5 others | 0 | |
| F6.6 Did you frequently go to bed hungry as a child? | 1 yes 2 no | 0 | |
| F7.1 Is your mother alive? | 1 yes 2 no | 0 | |
| F7.2 If so, how old is she? If not, how old was she when she died? | | 0 | |
| F7.3 If she is dead, how old were you when she died? | | 0 | |
| F8.1 Is your father alive? | 1 yes 2 no | 0 | |
| F8.2 If so, how old is he? If not, how old was he when he died? | | 0 | |
| F8.3 If he is dead, how old were you | | | |
| when he died? | | | |
| F8.4 The main occupation of your father before age 60 | 0 professional and technical personnel 1 governmental, institutional or managerial personnel 2 agriculture, forest, animal husbandry 3 fishery worker 4 industrial worker 5 commercial or service worker 6 military personnel 7 housework 8 other | 0 | |

| F9 | How many biological siblings, including those who have died, do you have? | | | | | | | | 0 | | | | | | |
|--|--|-------------|------|---------|--------------|-----|---------------------|-----------|------------|-------------|-----|--------------|-----|---------|-----------|
| F9.1 | What is your birth order among all of your biological siblings? | | | | | | | | 0 | | | | | | |
| F9.2 | Please tell me about your biological brothers and sisters who live elsewhere or have died, by birth order. | birth order | name | sex | alive or not | age | frequent visits? | residence | | birth order | sex | alive or not | age | visits? | residence |
| Sex | 1 male 2 female | | | | | | | | 0 | | | | | | |
| livin | g or not: 1 ves 2 no | | | | | | | | 0 | | | | | | |
| aue. | 1 yes 2 no if alive, fill in the age at present. If | | | | | | | | 0 | | | | | | |
| | dead, fill in the age of death. | | | | | | | | 0 | | П | П | | П | |
| freq | uent visits? 1 yes 2 no | | | | | | | | \bigcirc | | | | | | |
| residence: 1 in the same village/neighborhood 2 in the same township/district 3 in the same county/city 4 in a county/city nearby 5 elsewhere 8 unknown (If alive, fill in the place where she/he lives at present. If dead, fill in the place where she/he lived before her/his death.) | | | | | | | | | 0000 | | | | | | |
| | | | | | | | | | 0 | | | | | | |
| name | address, if alive and aged 80 or over | | | | | | | | 0 | | | | | | |
| | | | | | | | | | 0 | | | | | | |
| | | | | | <u> </u> | | | •••••• | 0 | | П | П | | П | |
| | | | | | | | | | \bigcirc | | П | | | | |
| | | | | | | | | | \bigcirc | | | | | | |
| | | | | | | | | | 0 | | | | | | |

| F10 How many children, including those who have died, did you ever born? | | | | | | | 0 | | | | | | |
|--|-----------------------|-------|--------|-------------------|---------------------|-----------|------------|-----|--------|-------------------|-----------|---------------------|-----------|
| F10.1 Your age at first delivery | | ••••• | ••••• | | | | 0 | | | | | | |
| F10.2 Your age at last delivery | | | | | | | 0 | | | | | | |
| F10.3 Please tell me about your children who live elsewhere or have died, by birth order. | name | Sex | alive? | age at present | frequent visits? | residence | | sex | alive? | age at present | foots out | rrequent visits? | residence |
| sex: 1 male 2 female | | | | | | | 0 | | | | | | |
| alive or not: 1 alive 2 dead 3 unknown | | | | | | | 0 | | | | Γ | | |
| age at present: If alive, fill in the age at present. If | | | | | | | \bigcirc | | | | | | |
| dead, how old would she/he be today? | | | | | | | \cap | | | | L | 」 □ | |
| frequent visits? | | | ō | | | | \bigcirc | | | | | _ _ | |
| 1 yes 2 no residence: | | | | | | | 0 | | | | | | |
| 1 in the same village/neighbourhood 2 in the same township/district | | | | | | | 0 | | | | | | |
| 3 in the same county/city 4 in the county/city nearby | | | | | | | \bigcirc | | | | | | |
| 5 elsewhere 8 unknown | | | | | | | 0 | | | | Γ | | |
| (If alive, fill in the place where she/he lives at present. If dead, | | | | | | | 0 | | | | | ן כ | |
| fill in the place where she/he lived before her/his death.) | | | | | | | 0 | | | | | | |
| | | | | | | | 0 | | | | |] | |
| | | | | | | | 0 | | | | Γ | | |
| | | _ | | | | | | | | | • | - | |
| G. OBJECTIVE EXAMIN | NATION . | ANI |) ILI | LNESS | ES | | | | | | Co | de | |
| G1 Can the interviewee see a break in the circle on the cardboard sheet when lit by a flashlight and distinguish where the break is located? | 1 can see 2 cannot | | | nguish lind | | | | | | | | | |
| G2.1 How many natural teeth does the interviewee have? | | | | | | | | | | | | | |
| G2.2 Does the interviewee have false teeth? | 1 yes | 2 no |) | | | | | | | | | | |
| G3 Can the interviewee use chopsticks to eat? | 1 yes | 2 no |) | | | | | | | | | | |

| G4 Which hand do you normally use for eating? | 1 right-hand 2 left-hande | |
|---|---|---|
| G5. Blood pressure G5.1 Systolic G5.2 Diastolic | mm mercurymm mercury | |
| G6 Rhythm of heart | 1 regular 2 irregular | |
| G7 Heart rate | beats/min | |
| G8 Upper extremities - can interviewee put G8.1 Hand behind neck | 1 right 2 left 3 both 4 neither | |
| G8.2 Hand behind lower back | 1 right 2 left 3 both 4 neither | |
| G9 Can the interviewee stand up from sitting in a chair? | 1 yes, without using hands 2 yes, using hands 3 no | |
| G10 Weight | kg | |
| G11 Was the interviewee able to pick up a book from the floor? | 1 yes, standing 2 yes, sitting 3 no | |
| G12 Was the interviewee able to turn around 360° without help? If yes, please count the number of steps required to finish the turn. | steps (if no, fill in '88') | |
| G13 How many times have you suffered from serious illness which required hospitalization or caused you to be bedridden at home in the past 2 years? | (if no illnesses, fill in '00'; if permanently bedridden, fill in '88') | 0 |
| G14 What kind of diseases suffered from ?(ref. code in G15) | First time: diseasedays Second time: diseasedays Last time: diseasedays | |

| G15 Are you suffering from any of the following | yes or no 1 yes 2. no 3 don't know | Diagnosed by hospital? 1 yes 2 no | disability in daily life 1 rather serious 2 more or less 3 no | With disease or not? | Diagnosed by hospital or not? | disability |
|---|------------------------------------|------------------------------------|--|----------------------|----------------------------------|------------|
| Hypertension | | | | | | |
| Diabetes | | | | | | |
| Heart diseases | | | | | | |
| Stroke , cerebrovascular disease | | | | | | |
| Bronchitis, emphysema, asthma, pneumonia | | | | | | |
| Pulmonary tuberculosis | | | | | | |
| Cataract | | | | | | |
| Glaucoma | | | | | | |
| Cancer | | | | | | |
| Prostate tumor | | | | | | |
| Gastric or duodenal ulcer | | | | | | |
| Parkinson's disease | | | | | | |
| Bedsore | | | | | | |
| Arthritis | | | | | | |
| Dementia | | | | | | |
| Others, please specify: | | | | | | |

| | H. QUESTIONS I | Code | |
|------|---|--|--|
| H1 | Was the interviewee able to hear what you said? | 1 yes, without hearing aid 2 yes, but needs hearing aid 3 partly, despite hearing aid 4 no | |
| H2.1 | Did interviewee able to participate physical check during interview? | 1 yes 2 no 3 partially able to | |
| Н2.2 | If no or partially able, please give reason: | visually impaired, but can hear hearing impaired, but can see visually and hearing impaired paralyzed did not wish to participate could not understand because of cognitive impairment not able to participate at the moment because of some temporary illness such as a cold other (please explain): | |
| НЗ | The interviewee was: | surprisingly healthy (almost no obvious ailments) relatively healthy (only minor ailments) moderately ill (moderate degrees of major ailments or illnesses) very ill (major ailments or diseases, bedridden, etc.) | |
| H4 | Date of birth printed on the household booklet | yearmonthday | |
| H4.1 | Was the date of birth printed on the household booklet the same as the self-reported age? | 1 no 2 yes 3 no self-reporting | |
| H4.2 | If not, which one do you consider correct? | 1 self-reported age 2 household booklet 3 not sure | |

| se the no co | Please write down the evidence for confirming the interviewee's age-reporting: legardless of whether or not there is lf-reporting, you should confirm the age of the interviewee. If there is not enough space to write down your infirmation, please use the last page of this questionnaire). | | |
|-----------------------|---|--|--|
| Н6 | Have you checked whether you have failed to ask a question? | 1 yes 2 no | |
| Н7 | Did anyone help the interviewee to answer any question? | 1 yes 2 no | |
| H7.1 | If yes, please check whether you have marked 'x' in the of the third column for those questions answered by people other than the interviewee. Please indicate who mainly helped to answer those questions. | 1 spouse 2 child or spouse of child 3 grandchild or spouse of grandchild 4 great grandchild or spouse of great grandchild 5 sibling 6 parent or parent-in-law 7 live-in caregiver 8 other | |
| Н8 | Interviewee's personal photo | 1 yes 2 no | |
| | S | SPECIAL OBSERVATIONS | |
| | | | |

| I. SPECIAL QUESTION | NS (only applicable to those aged 105 or above) | Code |
|---|---|---|
| According to article 14 of will be treated as strictly confid have helped to provide us inforwritten down anywhere. The it except qualified researchers will | answer the questions listed below: The chapter 3 of the Law on Statistics, all information collected anyone, including the elder him mation by answering the following questions, and your aformation collected here is purely for scientific reseable have access to this information. There will be NO couthe personal honour of the elder or any benefits she/he Sex: Code: Self-reported as | herself, that you name will not be arch and nobody nnection between receives. |
| S1 Information obtained from the elder's neighbors: What is your opinion about this? (Present these possibilities and ask the respondent to chose one. The respondent should freely chose one based on the facts he or she knows.) | I do not think the elder's age is correct. I have doubts about the elder's age. Perhaps the elder's age is correct, perhaps not – I do not know. I suppose the elder's age is correct, but I do not know for sure. I am absolutely sure the elder's age is correct. Whatever answer the respondent chooses please ask him or her to explain why: | |
| S2 Information obtained from the village leader or the neighborhood committee leader: What is your opinion about this? (Present these possibilities and ask the respondent to chose one. The respondent should freely chose one based on the facts he or she knows.) | I do not think the elder's age is correct. I have doubts about the elder's age. Perhaps the elder's age is correct, perhaps not – I do not know. I suppose the elder's age is correct, but I do not know for sure. I am absolutely sure the elder's age is correct. Whatever answer the respondent chooses please ask him or her to explain why: | |
| S3 Information obtained from the Aging Association officer: What is your opinion about this? (Present these possibilities and ask the respondent to chose one. The respondent should freely chose one based on the facts he or she knows.) | I do not think the elder's age is correct. I have doubts about the elder's age. Perhaps the elder's age is correct, perhaps not – I do not know. I suppose the elder's age is correct, but I do not know for sure. I am absolutely sure the elder's age is correct. Whatever answer the respondent chooses please ask him or her to explain why: | |
| S4 If there are genealogical records for the elder, please locate them and answer the following questions: | | |

year___; month___; day___;

year___; month___; day___;

S4.1 Birth date of the elder:

S4.2 Date of first marriage of the elder:

| B Card |
|--------------------------------|
| Please draw figure above here: |
| |
| |
| |
| |
| |
| |
| |

Approved by: National Statistics Bureau, China, P. R. NSB Doc. No.: 2000 (0537)

No. Note: this questionnaire is addressed to a family member of the deceased elders. Interviews are based on voluntary participation. Province code County(district) code Pre-assigned code Category of deceased elder A. Centenarian B. Nonagenarian C. Octogenarian D. Sibling of A,B,C) Place of Residence of the deceased elder at death 1. City 2. Town 3. Rural Questionnaire on Determinants of Health Longevity in China (for the elders who were interviewed in 1998, but died before the 2000 survey) Name of deceased elder _____ Name of proxy reporter _____ Signature of proxy reporter ____ Relationship between deceased elder and proxy 1.spouse 2.children 3. spouses of children 4. grandchildren or their spouses 5.relatives 6. others Address of the deceased elder before death: detailed village or street address (including street, apartment # etc.) district or town/township county or city province Post Code DDDDD Tel No ________ Date at death of the deceased elder based on related informants: Record from village or street committee _____ day ____ month ____ year Recalled by neighbors _____ day _____ month ____ year If the interview could not be conducted, the reason is: 1. refusal 2. others (please specify) Interviewer signature _____; ____day ____ month _____ year Instructor signature _____; ___day ____ month _____ year _day____ month ____ year Supervisor signature _____; _____;

| 1. Sex | 1. male 2. female | |
|---|--|--|
| 2. Marital Status before dying: | married and living with spouse married but separate with spouse divorced widowed never married | |
| 3-1. Main living arrangement in the last year of the life: | 1. institutions 2. alone due to never married 3. alone due to widowed or divorced 4. with spouse only 5. with married children (grandchildren) 6. with grandchildren only 7. with unmarried children (grandchildren) 8. other relatives 9. other (please specify) | |
| 3-2. Number of persons living in the household before dying (including the deceased elder): | | |
| 4. Validated date at death and age at death | day month year age | |
| 5. Place of death | home 2. Hospital 3. institution others (please specify) | |
| 6. Cause of death (diagnosed): | 01. malignant tumor (cancer) 02. cardiovascular disease (CVD) 03. heart diseases 04. respiratory or digest diseases 05. injury and poisoned 06. endocrine, nutritional, metabolic, immune diseases 07. urinary or reproductive diseases 08. dementia 09. neuropathy 10. tuberculosis (TB) 11. infectious diseases (except TB) 12. accident 13. others (please specify) | |
| 7. Main caregivers before dying (select one only) | spouse children and their spouses grandchildren and their spouses other family members friends social worker nurses no body to take care no need to take care | |
| 8. whether bedridden or not before dying: | 1. no 2. yes. If yes,days | |

| 9-1. How many times did the deceased | (if no, fill 00. If bedridden all the time, fill 88) | |
|--|---|---|
| elder suffer from serious illness which | | |
| required hospitalization or caused him (her) to be bedridden at home | time(s) | |
| since last interview? | first time (disease) | |
| 9-2. What kind of diseases did he (she) | first time: (disease) , days | |
| suffer? For how many days? | second time: (disease), days | |
| | last time:(disease),days | |
| | | |
| | | |
| | | |
| 10. Did the deceased elder suffer from | 01. hypertension 0 no 1 yes | |
| any of the following disease(s)? (multiple choices) | 02. diabetes 0 no 1 yes | |
| (maniple energes) | 03. heart disease 0 no 1 yes | |
| | 04. stroke, CVD 0 no 1 yes | |
| | 05. bronchitis, emphysema, pneumonia, asthma | |
| | | |
| | j | |
| | 06. tuberculosis (TB) 0 no 1 yes | |
| | 07. glaucoma, cataract 0 no 1 yes | |
| | 08. prostate tumor 0 no 1 yes | |
| | 09. gastric or duodenal ulcer 0 no 1 yes | |
| | 10. Parkinson's disease 0 no 1 yes | |
| | 11. bedsore 0 no 1 yes | |
| | 12. dementia 0 no 1 yes | |
| | 13. psychosis 0 no 1 yes | |
| | 14. neuropathy 0 no 1 yes | |
| | 15. arthritis 0 no 1 yes | |
| | 16. others (please specify) | _ |
| 11. Did the deceased elder get timely | 10. Others (prease speerly) | |
| treatment when he (she) was ill before | 1.yes 2. no 3. Was not ill | |
| dying? | 1 | |
| 12. Main financial source before dying | retirement wage spouse | |
| | 3. children | |
| | 4. grandchild | |
| | 5. other relatives6. local government or community | |
| | 7. own work | |
| | 8. others (please specify) | |
| 13. household annual income per capita in the year before dying | Yuan(RMB) | |
| 14. Were the following facilities | toilet 0. no 1. yes | |
| available in the elder's home before he | tap water 0. no 1. yes | |
| (she) died (multiple choices)? | bath facility 0. no 1. yes heater 0. no 1. yes | |
| | TV 0. no 1. yes | |

| | washing machine 0. no 1. yes | |
|---|--|--|
| | telephone 0. no 1. yes | |
| | | |
| | | |
| 15. Was there a doctor in the village | 1. no 2. yes | |
| (refer to rural deceased elders only)? | if yes, village doctor was: | |
| (refer to rural deceased elders only). | 1. licensed with college degree | |
| | 2.licensed without college degree | |
| | 3.unlicensed | |
| 16. Who did mainly pay the medical | 01. state Medicare fund | |
| cost s for the deceased elder? | 02. the deceased elder himself or herself | |
| | 03. spouse | |
| | 04. co-residing children | |
| | 05. shared by children living or not living together | |
| | 06. grandchildren | |
| | 07. cooperate Medicare fund 08. state or collective subside | |
| | 09. medical insurance | |
| | 10. no money to pay medical costs | |
| | 11. other (please specify) | |
| 17 T + 1 T + C + 1 | (f ::::: f) | |
| 17. Total medical costs of the deceased elder in the last year of life | Yuan(RMB) | |
| 18-1. Functioning of bathing before | 1. fully independent | |
| dying | 2. partially dependent, started at age | |
| ,,,,,,,, . | 3. fully dependent. If so, partially dependent from age | |
| | to age | |
| 18-2. Functioning of dressing before | 1. fully independent | |
| | 2. partially dependent, started at age | |
| dying: | 3. fully dependent. If so, partially dependent from age | $ \sqcup , \sqcup \sqcup \sqcup ,$ |
| | to age | |
| 10.2 F | 1 C 11 1 1 | |
| 18-3. Functioning of toileting before | fully independent partially dependent, started at age | |
| dying: | 3. fully dependent. If so, partially dependent from age | |
| | to age | |
| | | |
| 18-4. Functioning of indoor | | |
| transferring before dying: | 2. partially dependent, started at age3. fully dependent. If so, partially dependent from age | |
| | to age | _, , |
| | | |
| 18-5. Functioning of continence before | 1. able to control | |
| dying: | 2. occasional accidents, started at age | |
| | 3. catheter was used or incontinent. If so, | |
| | occasional accident from age to age | |
| 10 C F | 1. fully independent | |
| 18-6. Functioning of self-feeding: | 2. partially dependent, started at age | |
| | 3. fully dependent. If so, partially dependent from age | |
| | to age | |
| 10 How many days before dring 1:1 | | |
| 19. How many days before dying did the elder not often go outdoor to chat | days | |
| with others? | uays | |
| 20. How many days before dying was | | |
| the elder staying in bedridden longer | days | |
| | · • | i . |

| than being out of bed in the daytime? | | |
|---|--|---------------|
| 21. Did the deceased elder smoke since | | |
| the last interview in 1998? | 1. no 2. Yes | |
| | if yes, time(s) /per day | L.I , L.I L.I |
| 22-1 Did the deceased elder drink since | | |
| the last interview in 1998? | 1. no 2. Yes | |
| 22-2. If so, what kind of drink? | 1. very strong liquor 2. not very strong liquor 3. | |
| | wine 4. Rice wine | |
| | 5. beer 6. Others (specify) | |
| 22-3. How much did the deceased elder | liang | |
| drink per day? | | |