ICPSR 36179

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

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2002 Data Collection Instrument

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Interviews are based on voluntary participation

Questionnaire on Determinants of Healthy Longevity in China (2002)

Approved by National Statistics

]	Bureau, (China, P. R.	2001 (0225)	N	SB Doc. No.:
					2001 (0235)		
Que	estionna	ire No.					
Prov	vince					:	
Cou	intu or o	itar					
Cate	egory of	sampled e	elder:				
((A) cent	tenarians	(B) nonag	enarians (C) octogenaria	ans (D) age 65-79		
Post Co		detaile	t or towns	or street address (including thip county or city Tel No:	province		
		me of inte	rview	Reaso	ns for not finishing	g questionnaire	
month	day	start time	end time	1 the interviewee refused to be interviewed	1	3 the interviewee has emigrated	4 other
Interv	neck at p	provincial l	evel	; Final	neck at provincial l I check at provinci heck in Beijing	al level	;

Category of interviewee

I. Ca	stegory of the interviewee:	
1.	Elder who was interviewed in both two previous waves (1998 and 2000);	
2.	Elder who was interviewed in 2000 only;	
3.	Newly added elder to replace a deceased, migrated, refusal, or lost to follow-up interviewee;	
4.	Newly added centenarian or newly added elder aged 65 to 67;	
5.	Sibling aged 80+ of another interviewee aged 80+	
	If answer is not 5, please skip to III	
II. If	(s)he is a sibling of an interviewed elder, what kind of sibling?	
1 si	ibling 2 half sibling 3 adopted sibling 4 others	
III. cı	urrent residence area of interviewee	
1 c	eity 2 town 3 rural	
IV. v	ralidated age (See H5)	

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.) are presented in the interviewers instruction booklet (in easily understandable Chinese language).
- 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 attempt to answer only the questions that do not appear on a shaded background.

A. BASIC INFORMATION			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: (a) Western calendar	vear month	0	
(b) Chinese calendar	year month year month		
A4.1 In which province were you born?	province	0	
A4.2 In which county (city) were you born?	1 same as current address 2 other city or county	0	
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 aloneskip to A5.4 3 in a nursing homeskip to A5.4	0	
A5.2 How many people are living with you?	person(s)	0	

A5.3 Who are they?	relationship with	name	sex	age		relation	age	Sex
(Use back of paper for additional	interviewee					-ship		
people, if necessary.)					\bigcirc			
Note:					\bigcirc			
If age is unknown, please fill in '888'.					\cap			
Relationship with interviewee: 0 spouse)			
1 child					\cup			
2 spouse of child					\bigcirc			
3 grandchild					\cap		T	
4 spouse of grandchild)			
5 great grandchild or spouse of great grandchild 6 sibling					\bigcirc			
7 parent or parent-in-law					\bigcirc			
8 other					\cap			
) (
					\bigcirc			
					\bigcirc			
					\cap			
A 5 2 1 Under whose name was your	1 self 2 chil	d(ran) 2 ara	ndahi	ld(ran))			
A5.3.1 Under whose name was your current house/apartment purchased or rented?	4 relative(s)	` /	illacili	iid(ieii)	\bigcirc			
A5.3.2 Do you (and your spouse) have your own bedroom?	1 yes 2 no)			0			
If not living a	alone or in nur	sing home, s	skip to	Part B	•			
A5.4 If living alone or in nursing home, since when?	Year	month		_	\cup			
B. LIFE EVALUATION AND PERS	ONALITY							G 1
(to be answered only by interview								Code
* B1.1 How do you rate your life at	1 very good	2 good						
present?	3 so so	4 bad						
	5 very bad							
	8 not able to	answer						
* B1.2 How do you rate your health at	1 very good 3 so so	2 good 4 bad						
present?	5 very bad	4 bad						
	8 not able to	answer						
* B1.2.1 How do you rate your health at	1 much bette	r 2 clia	ohtly:	better	ļ			
present compared with one year	3 almost the	•						
ago?	5 much wors	_	5***** y	,, 0150				
	8 not able to	answer						

D2.1	Do you always look on the bright side of things?	1 always 2 often 3 sometimes 4 seldom 5 never 8 not able to answer	
* 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 often 3 sometimes 4 seldom 5 never 8 not able to answer	
* 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 decisions concerning your personal affairs?	1 always 2 often 3 sometimes 4 seldom 5 never 8 not able to answer	
* B2.6	Do you feel the older you get, the more useless you are?	1 always 2 often 3 sometimes 4 seldom 5 never 8 not able to answer	
* B2.7	Are you as happy as when you were younger?	1 same 2 often 3 sometimes 4 seldom 5 never 8 not able to answer	
C1 ORI C1.3.1 f	, · · · · · · · · · · · · · · · · · · ·	by interviewee) (Please ask C1.3 and o not ask C1.1 and C1.2; circle "1" for	Code
* C1 1		to cross otherwise, ask crit and	
	What time of day is it right now (morning, afternoon, evening)?	1 correct 0 wrong 8 not able to answer	
* C1.2	What time of day is it right now (morning, afternoon, evening)? What is the month (Western or Chinese calendar) right now?	1 correct 0 wrong	
* C1.2	(morning, afternoon, evening)? What is the month (Western or	1 correct 0 wrong 8 not able to answer 1 correct 0 wrong	
* C1.2 * C1.3 * C1.3.1	(morning, afternoon, evening)? What is the month (Western or Chinese calendar) right now? What is the date (Chinese calendar day and month) of the	1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong	
* C1.2 * C1.3 * C1.3.1	(morning, afternoon, evening)? What is the month (Western or Chinese calendar) right now? What is the date (Chinese calendar day and month) of the mid-autumn festival? Please name any four of the Chinese presidents or premiers	1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer	
* C1.3 * C1.3.1 * C1.4 * C1.5	(morning, afternoon, evening)? What is the month (Western or Chinese calendar) right now? What is the date (Chinese calendar day and month) of the mid-autumn festival? Please name any four of the Chinese presidents or premiers since liberation.	1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 1 correct 0 wrong 8 not able to answer	
* C1.2 * C1.3 * C1.3.1 * C1.4 * C1.5 * C1.6 I	(morning, afternoon, evening)? What is the month (Western or Chinese calendar) right now? What is the date (Chinese calendar day and month) of the mid-autumn festival? Please name any four of the Chinese presidents or premiers since liberation. What is the season right now? What is the name of this county or	1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer 1 correct 0 wrong 8 not able to answer	

*C1.6.2 Please name any four metropolitan cities.	1 correct 0 wrong 8 not able to answer	
*C1.6.3 In which year did the anti- Japanese war successfully end?	1 correct 0 wrong 8 not able to answer	
C2 REGISTRATION (to be answered only	y by interviewee)	
* C2.1 I am now going to test your memory. I will mention three objects.		
(Mention the following three objects without pausing:)	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 skip to C3.1		
table		
apple clothes		
*C2.2 If answers are insufficient or incorrect on the 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 B Card. (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 can't use pen to draw the figure 9 not able to do this (disabled)	
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	1 correct 0 wrong 8 not able to do this	
clothes C5 LANGUAGE (to be answered only b	v interviewee)	
* C5.1 Give the interviewee a pen and then a watch and ask what these objects are called (1 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	

 (C5.2.1 is ONLY for those who answered C2.1 all correctly on the first attempt. Otherwise, skip to C5.3) *C5.2.1 I will now ask you to repeat the follow 8 words: sky pond garden vegetable doctor city child car 	How many correct?	
* 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.) right hand folding on the floor	1 correct 0 wrong 8 not able to do	
(Questions (C5.4 and C5.5 are for Interviewer ONLY)	
C5.4 Was the interviewee able to answer the questions in sections B and C?	1 yes Skip to session D 2 no 3 partly	
C5.5 If 'no' or 'partly', what is the main 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 could not understand question other (please explain): 	

D. LIFE STYLE						Code	
D1 Please tell us eat.	s the staple food you	1 rice 2 corn (maize) 3 wheat (noodles, 4 half rice and hal 5 other:		0			
	f the above food do y eat per day?	liang		0			
D3.1 Do you eat fi	resh fruit?	1 everyday or almost everyday 2 quite often 3 occasionally 4 rarely or never					
D3.2 Do you eat f	fresh vegetables?	1 everyday or almost everyday 2 quite often 3 occasionally 4 rarely or never		0			
	e what other kinds of rmally eat and how	around age 60	at present		around age 60	at present	
	meat			0			
	fish			\circ			
1 almost everyday 2 occasionally	eggs			\circ			
3 rarely or never	food made from beans (tofu, etc.)			0			
	salt-preserved			0			
	vegetables						
	sugar						
	tea						
	garlic			\cup			
D5 What kind of water do you usually drink?		1 boiled water 2	un-boiled water	0			
D6 Such water is	s (was):	childhood around age 60 at present			childhood age	60 present	
3 water from	a river or lake			0			
D7.1 Do you smok time?	ke at the present	1 yes 2 no		0			
D7.2 Did you smo	ke in the past?	1 yes 2 no		0			

If the answers of D7.1 and D7.2 are both 'no', please skip 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 (or did) 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		
	.1 and D8.2 are both 'no', please s	skip t	o 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 alcohol at the present time (or drank in the past), what kind of alcohol do (or did) 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 (or drank in the past), how much alcohol per day on average do (or did) 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 and D9.2 are both 'no', please s	kip to	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 labor regularly?	1 yes 2 noskip to D11	0		
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?				

D11.1 Housework (cooking, taking care of kids)	1 almost everyday 2 not every day, but at least once a week 3 not every week, but at least once a month 4 not every month, but sometimes 5 never	0	
D11.2 Personal outdoor activities	1 almost everyday 2 not every day, but at least once a week 3 not every week, but at least once a month 4 not every month, but sometimes 5 never	0	
D11.3 Garden work	1 almost everyday 2 not every day, but at least once a week 3 not every week, but at least once a month 4 not every month, but sometimes 5 never	0	
D11.4 Read newspapers/books	1 almost everyday 2 not every day, but at least once a week 3 not every week, but at least once a month 4 not every month, but sometimes 5 never	0	
D11.5 Raise domestic animals	1 almost everyday 2 not every day, but at least once a week 3 not every week, but at least once a month 4 not every month, but sometimes 5 never	0	
D11.6 Play cards and/or mah-jong	1 almost everyday 2 not every day, but at least once a week 3 not every week, but at least once a month 4 not every month, but sometime 5 never	0	
D11.7 Watch TV and/or listen to radio	1 almost everyday 2 not every day, but at least once a week 3 not every week, but at least once a month 4 not every month, but sometimes 5 never	0	
D11.8 Organized activities	1 almost everyday 2 not every day, but at least once a week 3 not every week, but at least once a month 4 not every month, but sometimes 5 never	0	
D11.9 Religious activities	1 almost everyday 2 not every day, but at least once a week 3 not every week, but at least once a month 4 not every month, but sometimes 5 never	0	
D12 How many times have you traveled outside of the town (or township or city) in the past two years?	times	0	

E. ACTIVITIES OF DAILY LIVINSTRUMENTAL ACTIVITIES		Code	
For each area of functioning listed be (The word 'assistance' means supervis	low, check the description that applies ion, direction, or personal assistance.)	5.	
E1 Bathing – either sponge bath, tub bath, shower or washing the body	 receives no assistance (gets in and out of tub alone if tub is usual means of bathing)skip to E2 receives assistance in bathing only for part of the body (such as back or a leg) receives assistance in bathing more than one part of the body (or doesn't bathe) 	0	
E1.1 Who is the primary caregiver when you need assistance in bathing?	1 spouse 2 son 3 daughter-in-law 4 daughter 5 son-in-law 6 son and daughter 7 grandchild(ren) 8 relative(s) 9 social services 10 housekeeper 11 nobody	0	
E2 Dressing – gets clothes from closets and drawers – including underwear, outer garments and fasteners (including suspenders, if worn)	 gets clothes and gets completely dressed without assistance skip to E3 gets clothes and gets dressed without assistance except for tying shoes receives assistance in getting clothes or in getting dressed, or stays partly or completely undressed 	0	
E2.1 Who is the primary caregiver when you need assistance in dressing?	1 spouse 2 son 3 daughter-in-law 4 daughter 5 son-in-law 6 son and daughter 7 grandchild(ren) 8 relative(s) 9 social services 10 housekeeper 11 nobody	0	
E3 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) skip to E4 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	

E3.1 Who is the primary caregiver when you need assistance in toileting?	1 spouse 2 son 3 daughter-in-law 4 daughter 5 son-in-law 6 son and daughter 7 grandchild(ren) 8 relative(s) 9 social services 10 housekeeper 11 nobody	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) skip to E5 gets in and out of bed or chair with assistance bedridden 	0	
E4.1 Who is the primary caregiver when you need assistance in transferring?	1 spouse 2 son 3 daughter-in-law 4 daughter 5 son-in-law 6 son and daughter 7 grandchild(ren) 8 relative(s) 9 social services 10 housekeeper 11 nobody	0	
E5 Continence	 has complete control of urination and bowel movement without assistance <i>skip to E6</i> has occasional 'accidents' supervision helps keep urine or bowel control; catheter is used or elder is incontinent 	0	
E5.1 Who is the primary caregiver when you need assistance in continence?	1 spouse 2 son 3 daughter-in-law 4 daughter 5 son-in-law 6 son and daughter 7 grandchild(ren) 8 relative(s) 9 social services 10 housekeeper 11 nobody	0	
E6 Feeding	 feeds self without assistance <i>skip</i> to E7 feeds self, with some help receives assistance in feeding or is fed partly or completely intravenously 	0	
E6.1 Who is the primary caregiver when you need assistance in feeding?	1 spouse 2 son 3 daughter-in-law 4 daughter 5 son-in-law 6 son and daughter 7 grandchild(ren) 8 relative(s) 9 social services 10 housekeeper 11 nobody	0	
E7 Can you visit your neighbors by yourself?	1 yes, independently 2 yes, but need some help 3 no, can't	0	
E8 Can you go shopping by yourself?	1 yes, independently 2 yes, but need some help 3 no, can't	0	

E9 Can you cook a meal by yourself whenever necessary?	1 yes, independently 2 yes, but need some help 3 no, can't	0	
E10 Can you wash clothes by yourself whenever necessary?	1 yes, independently 2 yes, but need some help 3 no, can't	0	
E11 Can you walk continuously for 1 kilometer at a time by yourself?	1 yes, independently 2 yes, but need some help 3 no, can't	0	
E12 Can you lift a weight of 5kg, such as a heavy bag of groceries?	1 yes, independently 2 yes, but need some help 3 no, can't	0	
E13 Can you continuously crouch and stand up three times?	1 yes, independently 2 yes, but need some help 3 no, can't	0	
E14 Can you take public transportation by yourself?	1 yes, independently 2 yes, but need some help 3 no, can't	0	
F. PERSONAL BACKGROUN	D		Code
F1 How many years did you attend school?		0	
F2 What was your primary occupation before age 60?	0 professional or technical personnel 1 governmental, institutional or managerial personnel 2 staff/service worker/industrial worker 3 self-employer 4 agriculture, forestry, animal husbandry, fishery 5 housewife 6 military personnel 7 unemployed 8 other, please specify:	0	
F2.1 Do you have a pension for retirement?	1 yes 2 no <i>skip to F3.1</i>		
F2.1.1 Are you retired now?	1 yes 2 not yetskip to F3.1	\bigcirc	
F2.2 In which year did you retire if you have already retired?	year	0	
F2.3 If you have retired, are you still engaged in paid jobs now?	1 yes 2 no	0	
F3.1 What is your primary means of financial support?	1 retirement wages 2 spouse 3 child(ren) 4 grandchild(ren) 5 relative(s) 6 local government or community 7 work 8 other, please specify:	0	

F3.2 What is your other financial support? choices but limit to	(multiple	1 retirement wages 2 spouse 3 child(ren) 4 grandchild(ren) 5 relative(s) 6 local government or community 7 work 8 other, please specify: 9 no other means							
F3.3 Does all of your fin sufficiently pay yo									
F3.4 How do you rate yo status compared with local area?		1 very rich 2 rich 3 so so 4 poor 5 very poor 8 didn't answer				0			
F3.5 What was the incomyour household last y		(if more	Yuan than 10,00	00, please f	ill 9998)	0			
F4.1 Current marital sta	tus:	(if more than 10,000, please fill 9998) 1 married and living with spouse 2 separated 3 cohabiting with a partner 4 divorced 5 widowed 6 never marriedskip to F5							
F4.2 How many times hat married?	ave you been		, if ans	wer 0 skij	p to F5	0			
F4.3 Please tell me your r	marriage history	your age at this marriage	this	age at marriage dissolution			age at this marriage	status	age at marriage issolution lateral
('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) (If number of marriage is more than 4 times, please	2 nd marriage		1 married 2 divorced 3 widowed		1 good 2 so so 3 bad	0			
fill the last marriage in the cells of the 4 th marriage)	3 rd marriage		1 married 2 divorced 3 widowed		1 good 2 so so 3 bad	0			
	4 th marriage	1 married 1 good 2 divorced 2 so so 3 widowed 3 bad				0			
F4.4 How many years di spouse attend scho	-					0			

F4.5 What was your last spouse's main occupation before age 60?	O professional or technical personnel I governmental, institutional or managerial personnel staff/service worker/industrial worker self-employer agriculture, forestry, animal husbandry, fishery housewife military personnel unemployed other, please specify:	0	
F5 When you are sick, who usually takes care of you?	0 spouse 1 son and daughter-in-law 2 daughter and son-in-law 3 son and daughter 4 grandchildren and their spouses 5 other family members 6 friends 7 live-in caregiver 8 social services 9 nobody	0	
F6.1 Can you get adequate medical service when you are seriously ill?	1 yes 2 no	0	
F6.1.0 What's the primary reason that you didn't go to the hospital when it was necessary?	1 no money to pay for expenses 2 far away 3 inconvenient in movement 4 nobody with whom to go 5 didn't want to go 6 other	0	
F6.2 Could you get adequate medical service when you were sick at around age 60?	1 yes 2 no 8 didn't answer	0	
F6.3 Could you get adequate medical service when you were sick in childhood?	1 yes 2 no 8 didn't answer	0	
F6.4 Mainly who pays for your medical costs?	1 public medical care fund 2 self 3 family and children 4 others (please specify)	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 (skip to F7.2.2)	0	
F7.2.1 If so, how old is she?	(skip to F8.1)	0	
F7.2.2 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(skip to F8.2.2)	0	
F8.2.1 If so, how old is he?	(skip to F8.4)	0	

F8.2.2 If not, how old was he when he died?							0						
F8.3 If he is dead, how old were you when he died?							0						
F8.4 The main occupation of your father before age 60	0 professional or technical personnel 1 governmental, institutional or managerial personnel 2 staff/service worker/industrial worker 3 self-employer 4 agriculture, forestry, animal husbandry, fishery 5 housewife 6 military personnel 7 unemployed 8 other, please specify:						[
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 living or not: 1 yes 2 no							0						
age: If alive, fill in the age at present. If dead, fill in the age of death. frequent visits?							0						
1 yes 2 no 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							0 0 0 0						
where she/he lived before her/his death.) Address if alive and aged 80 or over			o				0						
name Address, if alive and aged 80 or over							0 0 0						

F10 How many children, including those who have died, did you ever born?							0						
F10.1 Your age when gave the first birth			•••••				0						
F10.2 Your age when gave the last birth							0						
F10.3 Please tell me about all your children who live with you, live elsewhere or have died, by birth order.	name	sex	alive?	age at present	frequent visits?	residence		xes	alive?	age at present		frequent visits?	residence
sex:							0]		
1 male 2 female							0]		
alive or not: 1 alive 2 dead 3 unknown							0]		
age at present:							0]		
If alive, fill in the age at present. If dead, how old would she/he be							0]		
today?			<u></u>				0]		
frequent visits? 1 yes 2 no			ā				0]		
residence: 0 co-residence with the interviewee 1 in the same village/neighborhood 2 in the same township/district			ā				0]		
			å				0]		
3 in the same county/city 4 in the county/city nearby							\bigcirc]		
5 elsewhere 8 unknown			ļ				\bigcirc				_ 		
(If alive, fill in the place where							\bigcirc						
she/he lives at present. If dead, fill in the place where she/he							\circ		Ш			Ш	
lived before her/his death.)							\cup]		
							0]		
F10.4 If your eldest child has died, how old would s/he be at present if s/he were still alive?	(sk	tip to	F10.	5 if not a	pplica	ible)	0		•	3			
F10.5 If your youngest child has died, how old would s/he be at present if s/he were still alive?	(sk	tip to	F11.	l if not a	ıpplica	ıble)	0						
F11.1 To whom do you usually talk most			••••••			••••••							
frequently in daily life?	1 son(s) and 2 daughter(-										
	3 son(s) and				•								
	4 grandchil	dren	and t	heir spou	ses								
	5 relatives 6 friends/ne	ighh	ors										
	7 social wo	-											
	8 housekeep	per											
	9 nobody												

F11.2 To whom do you talk first when you need to tell something of your thoughts?	0 spouse 1 son(s) and daughter 2 daughter(s) and sor 3 son(s) and daughter 4 grandchildren and t 5 relatives 6 friends/neighbors 7 social workers 8 housekeeper 9 nobody	n(s)-in-law r(s)	0			
F11.3 Who do you ask first for help when you have problems/difficulties?		n(s)-in-law r(s)	0			
F12 How much money (including cash and value of materials) did you get last year from your children and their spouses both living and not living with you?	sons and their spouses Yuan	daughters and their spouses Yuan	0	sons and their spouses	daughters and their spouses	
F13 How much money (including cash and value of materials) did you give last year to your children and their spouses both living and not living with you?	sons and their spousesYuan	daughters and their spousesYuan	0	sons and their spouses	daughters and their spouses	
G. OBJECTIVE EXAMINATION	AND ILLNESSE	S			Code	
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 and dist. 2 can see only 3 cannot see 4 b	inguish				
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-hand					

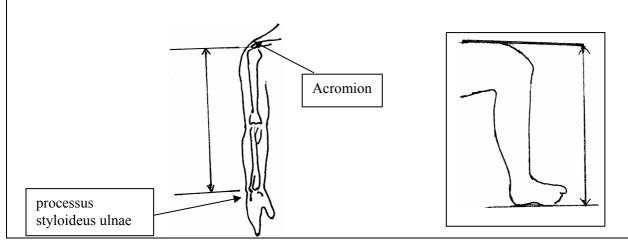
G5. Blood pressure G5.1 Systolic G5.2 Diastolic	mm mercury	
G6 Rhythm of heart	1 regular 2 irregular	
G7 Heart rate	beats/min	
G8 Upper extremities - can interviewee put G8.1 Hand behind neck	1 right 2 left 3 both 4 neither	
G8.2 Hand behind lower back	1 right 2 left 3 both 4 neither	
G8.3 Raise arms upright	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	
G10.1 Weight	kg	
G10.2 Height G10.2.1 Acromion – processus styloideus ulnae G10.2.2 Right knee to the floor	cm cm	

How to indirectly measure height of the elderly (G10.2.1 and C10.2.2):

Please see the following figure for illustration on positions of Acrimion and processus styloideus ulnae.

The method for measuring distance from right knee to the floor is as follows:

- (1) Ask elder to take off right shoe;
- (2) Ask elder to put the sole of his or her right foot onto the ground and to make his or her right calf and right thigh into a 90 degree angle.
- (3) Put a plastic board or a thick paper on his or her right thigh levelly, and measure its height from ground with a ruler.



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 a serious illness that required hospitalization or caused you to be bedridden at home in the past 2 years?	(if no illnesses, fill in '00' and skip to G15; if permanently bedridden, fill in '88')	0	
G14.1 Name of disease suffered and bedridden days at the first occurrence (Ref. Code in G15)	diseasedays		
G14.2 Name of disease suffered and bedridden days at the second occurrence (Ref. Code in G15)	diseasedays		
G14.3 Name of disease suffered and bedridden days at the third occurrence. If more than three occurrences, please ask for the last occurrence. (Ref. Code in G15)	diseasedays		
(Ref. Code in G15)			

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
01 Hypertension						
02 Diabetes						
03 Heart disease						
04 Stroke, cerebrovascular disease						
05 Bronchitis, emphysema, asthma, pneumonia						
06 Pulmonary tuberculosis						
07 Cataracts						
08 Glaucoma						
09 Cancer						
10 Prostate tumor						
11 Gastric or duodenal ulcer						
12 Parkinson's disease						
13 Bedsore						
14 Arthritis						
15 Dementia						
16-1 Diseases difficult to classify						
16-4 Psychosis						
16-5 Orthopedic disease						
16-6 Internal medical disease						
16-7 Dermatosis						
16-8 Five organs diseases						
16-9 Gynecological disease						
16-0 Others, please specify:						

H. QUESTIONS I	FOR INTERVIEWER	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 Was the interviewee able to participate in the physical check during the interview?	1 yes <i>skip to H3</i> 2 no 3 partially able to	
H2.2 If no or partially able, please give reason:	 1 visually impaired, but can hear 2 hearing impaired, but can see 3 visually and hearing impaired 4 paralyzed 5 did not wish to participate 6 could not understand because of cognitive impairment 7 not able to participate at the moment because of some temporary illness such as a cold 8 other (please explain): 	
H3 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 <i>skip to H5</i> 3 no self-reporting <i>skip to H5</i>	
H4.2 If not, which one do you consider correct?	1 self-reported age 2 household booklet 3 not sure	

Г		<u> </u>	п	
confirming age-report (Regardless of self-reporting, the age of the inot enough specific spec	whether or not there is you should confirm nterviewee. If there is ace to write down your please use the last page	Age Evidence:		
	checked whether you d to ask a question?	1 yes 2 no		
_	ne help the ee to answer any	1 yes 2 no		
have mark the third c questions other than Please ind	se check whether you ted 'x' in the of of olumn for those answered by people the interviewee. icate mainly who answer those	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 caregiver or institutional staff 8 other, please specify		
H8 Interviewe	ee's personal photo	1 yes 2 no		
	S	PECIAL OBSERVATIONS		

I. SPECIAL QUESTION	NS (only applicable to those aged 105 or above)	Code
Note to all persons who help to a	answer the questions listed below:	
survey will be treated as strictly of you have helped to provide us in be written down anywhere. The except qualified researchers will information collected here and t	of Chapter 3 of the Law on Statistics, all information confidential. We will not tell anyone, including the elder formation by answering the following questions, and you information collected here is purely for scientific reself have access to this information. There will be NO continue the personal honor of the elder or any benefits she/here will be Sex: Code: Self-reported	him/herself, that our name will not earch and nobody nnection between eceives.
S1 Information obtained from the elder's neighbors: What is your opinion about this? (Present these possibilities and ask the respondent to choose one. The respondent should freely choose 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 choose one. The respondent should freely choose 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 choose one. The respondent should freely choose 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: S4.1 Birth date of the elder:	year; month; day;	

year___; month___; day___;

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.: 2001 (0235)

Interviews are based on voluntary participation

Questionnaire for Deceased Interviewees Survey on Determinants of Healthy Longevity in China (2002)

		Ne	o. \square \square \square
Note: This questionnaire is addressed to a family	member (or a close fri	end if the family mem	ber is not available) of
the deceased elder.			
		Province code	
		County (district) cod	e
Pre-assigned code			е <u>Ш</u> ШШШ
	er 🔲		
A. centenarian B. nonagena	rian C. octogenarian	D. sibling of (A, B, C)
		g of the deceased elde	
A. interviewed in 2002 only B . interviewed in C. interviewed in 1998 and 2000 and 2002	1 2000 and 2002 but no	ot interviewed in 199	8
	e of residence of the de	eceased elder at death	
1 lac		ty 2. town 3. rural	
Name of deceased elder			
Name of proxy reporter Signature o	f proxy reporter		
Relationship between deceased elder and pro-	XV		
1.spouse 2.child 3. child's spouse 4. grandchi		use 5 relative	
6. other	id of grandennid's spo	use 3.1clative	
Address of the deceased elder before death:			
detailed village or street address (including street	et, apartment #, etc.)	district or town/to	ownship
county or city province			
Post Code DDDDD Tel No			
(area code)			
Date at death of the deceased elder based	on various inform	nte•	
Record from village or street committee			year
Recalled by neighbors	day		
Reported by family members	day		
Validated date at death	day	month	year
If the interview could not be conducted, the re			
1. refusal 2. other (please specify)			
Signature:			
Interviewer; 2 nd check at provincial level;	1st check at provinc	ial level	
2 nd check at provincial level	Final check at prov	incial level	:
1 st check in Beijing	Double check in Bo	eiiing ———	

1. Sex	1. male 2. female	
2. Marital status before dying	 married and living with spouse married but separated from spouse divorced widowed never married 	
3-1. Main living arrangement in the last year of life	1. institution 2. alone due to never married 3. alone due to widowed or divorced 4. with spouse only 5. with married child(ren)/grandchild(ren) 6. with married grandchild(ren) only 7. with unmarried child(ren)/grandchild(ren) 8. with other relative(s) 9. other (please specify)	
3-2. Number of persons living in the household before dying (including the deceased elder)		
4. Number of generations within the household	1. one generation 2. two generations 3. three generations 4. four or more generations	
5. Place of death	 home 2. hospital 3. institution other (please specify) 	
Main cause of death (diagnosed) Main caregiver before dving (select)	 01. malignant tumor (cancer) 02. cardiovascular disease (CVD) 03. heart disease 04. respiratory diseases 05. injury and/or poison 06. endocrine, nutritional, metabolic, and/or immune diseases 07. urinary and/or reproductive diseases 08. dementia and/or psychosis 09. neuropathy 10. tuberculosis (TB) 11. infectious diseases (except TB) 12. accident 13. digestive disease 14. other (please specify) 	
7. Main caregiver before dying (select one only)	 spouse child(ren) and his/her/their spouse(s) grandchild(ren) and his/her/their spouse(s) other family member(s) friend(s) social worker housekeeper nobody to take care no need to take care 	
8. Whether bedridden before dying	1. no 2. yes. If yes,days	
9-1. Since the last interview, how many times did the deceased elder suffer from serious illness that required hospitalization or caused him/her to be bedridden at home? 9-2. What kind of diseases did he/she suffer? For how many days?	(If no occurrences, fill 00. If bedridden the entire time, fill 88.) time(s) first time (disease), days second time (disease), days third time (disease), days	
(Ref. Code in question 10)	(If more than three times, please ask for the last time.)	

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	
	03. heart disease	0 no	1 yes	
	04. stroke, CVD	0 no	1 yes	
	05. bronchitis, emphysema, pneumonia, asthma	0 no	1 yes	
	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				
treatment when he/she was ill before dying?	1.yes 2. no 3. was not ill			
12. Main financial source before dying	 retirement wage spouse child(ren) grandchild(ren) other relative(s) local government or comm own work other (please specify) 	unity		
13. Household annual income per capita in the year before dying	Yu	an (RMB)		
14. Were the following facilities	1. toilet	0 no	1 yes	
available in the elder's home before he/she died? (multiple choices)	2. tap water	0 no	1 yes	
nersic died: (muniple enoices)	3. bathing facility	0 no	1 yes	
	4. heater	0 no	1 yes	
	5. TV	0 no	1 yes	
	6. washing machine	0 no	1 yes	
	7. telephone	0 no	1 yes	
	7. telephone	O HO	1 yes	
15. Was there a doctor in the village?	1. no 2. yes			
(refers to rural deceased elders only)	If yes, village doctor w 1. licensed with college 2.licensed without coll 3.unlicensed	e degree		

16. Mainly who paid the medical costs for the deceased elder?	 01. state public medical care fund 02. the deceased elder 03. spouse 04. co-residing child(ren) 05. shared by children (including grandchildren) living or not living together 06. cooperate Medicare fund 07. state or collective subsidy 08. medical insurance 09. no money to pay medical costs 10. other (please specify) 	
17. Total medical costs of the deceased elder in the last year of life	Yuan (RMB)	
18-1. Functioning in bathing before dying	fully independent. partially dependent. Days lasted fully dependent. Days lasted	
18-2. Functioning in dressing before dying	1. fully independent. 2. partially dependent. Days lasted 3. fully dependent. Days lasted	
18-3. Functioning in using toilet before dying	fully independent. partially dependent. Days lasted fully dependent. Days lasted	
18-4. Functioning in indoor transferring before dying:	fully independent. partially dependent. Days lasted fully dependent. Days lasted	
18-5. Functioning in continence before dying	able to control. cocasional accidents. Days lasted catheter was used or was incontinent. Days lasted	
18-6. Functioning in self-feeding	fully independent. partially dependent. Days lasted fully dependent. Days lasted	
19. How many days before dying did the elder not often go outdoors to chat with others?	days	
20. How many days before dying did the elder stay in bed longer than be out of bed in the daytime?	days	
21. Did the deceased elder smoke since the last interview?	1. no 2. yes If yes, time(s) /per day	
22-1. Did the deceased elder drink alcohol since the last interview?	1. no 2. yes	
22-2. If so, what kind of alcohol?	1. very strong liquor 2. not very strong liquor 3. wine 4. rice wine 5. beer 6. other (specify)	
22-3. How much alcohol did the deceased elder drink per day?	liang	



Approved by National Statistics Bureau, China, P. R.

NSB Doc. No.: 2001 (0235)

Community Questionnaire on Determinants of Healthy Longevity in China (2002)

Healthy	Longevity in	Cillia (2002	-)
		Province City or county	
Interviewer:	; Signature	Date:	
Supervisor:	; Signature	Date:	

I、NATURAL ENVIRONMENT		Code
I 1. Geographical location: Longitude Latitude		
I 2. Total area	km ²	
I 3. Topography type		
plain hilly semi-mountainous mountainous plateau basin others I 4. Temperature Average temperature (°C)	%%%%%%%%	
July	0 below 0 1 above 0; °C	
January Extreme temperature (°C)	0 below 0 1 above 0; °C	
Highest	0 below 0 1 above 0; °C	
Lowest	0 below 0 1 above 0; °C	
I 5. Number of frost-free days per year	days	
I 6. Average annual rainfall	mm	
I 7. Area of forest coverage in the latest year available	km²	

I 8. Main soil type	1. red soil 2. yellow soil 3. black soil 4. other (please specify):	
I 9. People's main food in this area	1. rice 2. wheat 3. corn 4. sorghum 5. other (please specify):	
I 10.Distance from the capital city of the province (or from the nearest large city)	km	

II、POPUL	ATION			Code
II 1. Age dist	ribution of po	pulation		
1990	Total	male		
	population	female		
	60-69	male	· 	
		female	· 	
	70-79	male		
		female		
	80-89	male		
		female		
	90-99	male		
		female		
	100+	male		
		female		
2000	Total population	male		
		female		
	60-69	male		
		female	<u></u>	
	70-79	male		
		female		
	80-89	male		
		female		
	90-99	male		
		female		
	100+	male		
		female		

the latest year available (fill i	n which year)		
Total	male		
populatio	n female		
60-69	male		
00-09	female		
70-79	male		
	female		
80-89	male		
	female		
90-99	male		
	female		
100+	male		
	female		
II 2. Crude death rates (‰)		
	1953		
	1990	%	
	2000	%	
the latest year available (fill in which year)		
		%	
II 3. Infant mortality rate	es (‰)		
	1990	%0	
	2000	%	
the latest year available (fill in which year)		
		%	
II 4. Proportion of urbate total population (9)			
	1990	%	
	2000		
the latest year available (fill in which year)		
		%	

II 5. Educational distribution of the population		numbers		percent
1990 (over age 12)		Male	Female	Male Female
	illiterate			
(Note the total number of males/females and	primary school			
then calculate the	middle school			
percentage.)	high school			
	college and above			
2000 (over age 15)	illiterate			
	primary school			
	middle school			
	high school			
	college and above			
the latest year available (o				
	in which year)	numbers		percent
	ş	Male	Female	Male Female
	illiterate			
	primary school			
	middle school			
	high school			
	college and above			
III、SOCIO-ECONO	MIC INDICATO	ORS		Code
III 1. GNP per capita (y	uan)			
	uan)	yua	n	
19		yua		
19	990 -	-		

III 2. Composition of GNP (percent) in the latest year available (fill in which year)		
agriculture		
heavy industry	%	
light industry		
commercial & services	%	
III 3. Annual net income of rural residents per capita (yuan)		
1990	yuan	
2000	yuan	
the latest year available (fill in which year)		
	yuan	
III 4. Number of registered medical personnel (physicians and nurses) per 10,000 persons		
1990	persons	
2000	persons	
the latest year available (fill in which year)		
	persons	
III 5. Number of hospital beds per 10,000 persons		
1990	beds	
2000	beds	
the latest year available (fill in which year)		
	beds	
III 6. Number of nursing homes for the elderly		
1990	nursing homes	
2000	nursing homes	
the latest year available (fill in which year)		
	nursing homes	
III 7. Number of the elderly living in the nursing houses		
1990	persons	
2000	persons	

the latest year available (fi	ll in which year)	 persons	
III 8. Monthly subsidie per person (yuan)	s to the elderly		
1990	70-79	yuan	
	80-89	yuan	
	90-99	yuan	
	100+	yuan	
2000	70-79	yuan	
	80-89	yuan	
	90-99	yuan	
	100+	yuan	
the latest year available (fi	ll in which year)		
	70-79	yuan	
	80-89	yuan	
	90-99	yuan	
	100+	yuan	

IV. ENVIRONMENT QUALITY		Code	
IV 1. Is there heavy industry or a chemical factory in this area or in a neighboring area?			
chemical factory	1. yes 0. no		
power station	1. yes 0. no		
iron and steel plant	1. yes 0. no		
painting and dyeing plant	1. yes 0. no		
others (please specify)			
IV 2. Amount of environmental pollution in the latest year available (fill in which year)			
industrial waste water	tons		
non-industrial waste water	tons		
processed industrial waste water	tons		
waste gases	m ³		
industrial residuals	tons		

IV 3. Area of naturally preserved land in this city or county	km ²			
IV 4. Were there any serious disasters (famine, earthquake,	times			
drought, flood, locusts) in this century? (please check the county annals)	year	type of disaster	Year	type of disaster
Please list type of disaster: 1. earthquake 2. drought 3. flood 4. locusts 5. war 6. pestilence 7. others Note: in the 2005 follow-up surveys, please indicate only disasters that have occurred since the previous survey.				

In your opinion, what are the most important determinants of longevity in this area? (please describe)		