# Panel on Health and Aging of Singaporean Elderly (PHASE) – Wave 1

# a.k.a Social Isolation, Health and Lifestyles Survey 2009

# NOTE:

#### VARIABLE NAMES, as they appear in the dataset are in RED font **RESPONSE CATEGORY CODES**, as they appear in the dataset are in **BLUE** font

**ISO SN** Master Study ID (used for merging across study waves) Date Interview Date of Interview Weights Cross-sectional survey weights based on population @ June 2008 (To be used for analysis done using SIHLS [Wave 1] data)

#### NAME OF RESPONDENT:

Fill in the following information after yo	bu hav	ve completed the	questionnaire.		
CONTACT NO.:	(H)		(O)		(HP/PGR)
INTERVIEWER:		DATE OF INTER	VIEW:		
TIME STARTED:		TIME ENDED:			
TOTAL TIME TAKEN FOR INTERVIEW:				MINUTES	
(Please include time used by the subject t	o atter	nd to personal affa	irs or to rest.)		
NUMBER OF VISITS: 1 <sup>st</sup> VISIT /	2 <sup>nd</sup> V	ISIT / 3 <sup>rd</sup> VIS	IT / 4 <sup>th</sup> VISIT	「  / 5 <sup>th</sup> VISIT	

# INTRODUCTION

Good morning / afternoon / evening. My name is and I'm from . We are conducting a survey on social isolation, health and lifestyles on behalf of MCYS and we would appreciate it if you could spare us some time to answer some questions. The interview will take about 45 minutes.

(If respondent cannot be interviewed due to health / non-health reasons) May I know who, apart from a maid, has helped (the subject name) in his or her daily existence for some time? We would appreciate it if this person could spare us some time to answer the following questions.

There are no right or wrong answers to the questions, and you do not have to respond to any questions that you feel uncomfortable answering. Please be assured that your identity and the information given by you will be kept strictly confidential and that only group data will be reported.

Person giving responses: PersonGivingResponses

1 The subject [Go to Section A]

2 Proxy

# [Interviewer:

Although, in general, interviews are to be conducted with a person named in the list, if the subject is incapable of being interviewed due to illness or another cause, the interview may be conducted with a proxy. This proxy must be someone who has been helping the subject in his or her daily existence for some time, and must be either a family member or someone who has been living with the subject. Maids are **NOT ELIGIBLE** for this interview.]

# PROXY INFORMATION

- P1 May I know your name (Proxy)?
- P2 Reason the proxy is the respondent rather than the person named in the list: P2\_1, P2\_2, P2\_3, P2\_4, P2\_5, P2\_6
- 1 The subject has been hospitalized, and cannot be revisited during survey period.

When was the subject hospitalized or moved to the institution? (If more than once, record the most recent.)

2 The subject has been moved to an institution for health reasons (including physical or psychological).

P2\_1\_Yr P2\_1\_Mth

- P2\_2\_Yr P2\_2\_Mth
- 3 The subject has been moved to an institution for reasons other than health. (e.g. subject has been incarcerated for a traffic violation or otherwise)
- 4 The subject has hearing difficulties (the subject is hearing impaired, etc.).
- 5 The subject has difficulties speaking (the subject is experiencing verbal difficulties).
- 6 The subject is experiencing confusion or loss of consciousness, etc.
- 7 The subject is experiencing memory loss, dementia.
- 8 The subject is experiencing some other form of psychological disorder.
- 9 The subject has a physical illness or disability.
- 10 The subject cannot respond for other reasons unrelated to health. Please explain: P2\_10\_Explain

#### P3 What is your relationship with (the subject)?

- 1 Spouse
- 2 Son
- 3 Daughter
- 4 Daughter-in-law
- 5 Son-in-law
- 6 Grandchild

- 7 Relative other than the aforementioned (please explain: P3\_7\_Explain\_\_\_\_\_
- 8 Other (please explain: P3\_8\_Explain\_

# MAIN QUESTIONNAIRE

**[Interviewer:** All the following questions are to be addressed to the subject. In the event that the respondent is a proxy, do not ask the questions with question number appearing in boxes, e.g. **Q13**]

#### SECTION A: BASIC ATTRIBUTES AND FAMILY MAKE-UP

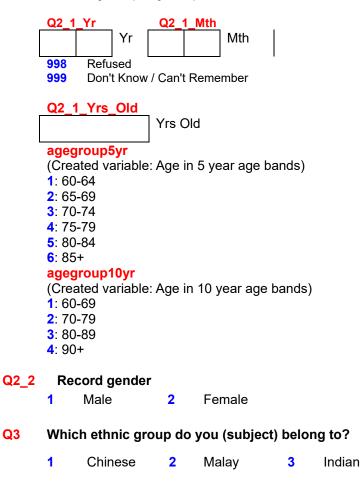
**READ OUT:** You will be asked a number of questions during this survey. You do not have to respond to any questions that you feel uncomfortable answering. Also, please rest assured that all of your responses will be kept strictly confidential and will not be shown to or shared with anyone not connected with this survey.

#### First, you will be asked questions about yourself (subject).

#### Q1 What is your (subject's) nationality?

- 1 Singapore Citizen
- 2 Singapore Permanent Resident (please state nationality: Q1\_2\_Nationality\_\_\_\_\_)
- **3** Others (please terminate questionnaire)

#### Q2.1 What is your (subject's) date of birth? How old are you now?



4

Other (Please specify: Q3\_4\_Others\_Specify)

# Q4 What is your (subject's) religion?

- 1 Christianity
- 2 Buddhism / Taoism
- 3 Islam
- 4 Hinduism
- 5 Other (Please specify: Q4\_5\_Others\_Specify)
- 6 No religion

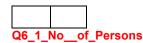
# The next questions concern your (subject's) family.

# Q5 [SHOWCARD 1] First, what is your (subject's) current marital status?

1 Married

(includes being separated from the spouse due to one spouse's being hospitalized, living in an institution, or living in another area for business reasons or to take care of others)

- 2 Widowed
- 3 Separated from spouse
- 4 Divorced
- 5 Never married
- Q6.1 How many persons are there living in your (subject's) household? (Including yourself (subject), maid and those who are temporarily hospitalized, children who are living in a hostel within Singapore, and household members who are currently in National Service/Reservist training) [Interviewer: This includes all who live in the household presently, as well as those who have this address recorded in their NRIC, excluding tenants.]



998 RF

- Q6.2 Please give the relationship to you (subject) and the age and gender of the other members of the household. [Interviewer: Please ensure the number of members corresponds with the answer in Q6.1]
- Q6\_ Who is the head of the household? [Interviewer: Let this be based on the perception of the subject.
   3 If he/she asks for a definition: The head of the household is normally the oldest member, the main income earner, the owner-occupier of the house or the person who manages the affairs of the

ID	Relationship to subject	<b>Age</b> 998 RF		Gender 998 RF		Head of Household
		999 DK		Male	Female	
01	Subject Self					1 Q6_3_ID_01_Head
02	Subject's Q6_2_ID_02_Relationship	Q6_2_ID_02_Age	Yrs	1 Q6_2_ID_02 _Gender	2	1 Q6_3_ID_02_Head
03	Subject's Q6_2_ID_03_Relationship	Q6_2_ID_03_Age	yrs	1 Q6_2_ID_03 _Gender	2	1 Q6_3_ID_03_Head

04	Subject's Q6_2_ID_04_Relationship	Q6_2_ID_04_Age	yrs	1 Q6_2_ID_04 _Gender	2	1 Q6_3_ID_04_Head
05	Subject's Q6_2_ID_05_Relationship	Q6_2_ID_05_Age	yrs	1 Q6_2_ID_05 _Gender	2	1 Q6_3_ID_05_Head
06	Subject's Q6_2_ID_06_Relationship	Q6_2_ID_06_Age	yrs	1 Q6_2_ID_06 _Gender	2	1 Q6_3_ID_06_Head
07	Subject's Q6_2_ID_07_Relationship	Q6_2_ID_07_Age	yrs	1 Q6_2_ID_07 _Gender	2	1 Q6_3_ID_07_Head
08	Subject's Q6_2_ID_08_Relationship	Q6_2_ID_08_Age	yrs	1 Q6_2_ID_08 _Gender	2	1 Q6_3_ID_08_Head
09	Subject's Q6_2_ID_09_Relationship	Q6_2_ID_09_Age	yrs	1 Q6_2_ID_09 _Gender	2	1 Q6_3_ID_09_Head
10	Subject's Q6_2_ID_10_Relationship	Q6_2_ID_10_Age	yrs	1 Q6_2_ID_10 _Gender	2	1 Q6_3_ID_10_Head
11	Subject's Q6_2_ID_11_Relationship	Q6_2_ID_11_Age	yrs	1 Q6_2_ID_11 _Gender	2	1 Q6_3_ID_11_Head
12	Subject's Q6_2_ID_12_Relationship	Q6_2_ID_12_Age	yrs	1 Q6_2_ID_12 _Gender	2	1 Q6_3_ID_12_Head
13	Subject's Q6_2_ID_13_Relationship	Q6_2_ID_13_Age	yrs	1 Q6_2_ID_13 _Gender	2	1 Q6_3_ID_13_Head
(For	Internal Coding Only)			•		
1	Spouse 5	Spouse of grandc	hild	9 Maid		
2	Child 6	Parent		10 Othe	r	

	•		1 0		
2	Child	6	Parent	10	Other
3	Spouse of Child	7	Parent of spouse	998	Refusal
4	Grandchild	8	Sibling		

#### livingarr1

(Created variable: Living arrangements summary variable. *Note:* Alone <u>includes</u> living with maid)
1: Living alone (with maid)
2: With spouse, no child (with/without maid)
3: With child, no spouse (with/without maid)
4: With child and spouse (with/without maid)
5: With others only (with/without maid)

# livingarr2

(Created variable: Living arrangements summary variable. *Note:* Alone <u>does not include</u> living with maid)

- 1: Living alone (without maid)
- 2: With spouse, no child (with/without maid)
- 3: With child, no spouse (with/without maid)
- 4: With child and spouse (with/without maid)
- 5: With others (with/without maid)

#### livingalone1

(Created variable: Living alone. *Note:* Alone <u>includes</u> living with maid) **0**: Not living alone

1: Living alone (with maid)

#### livingalone2

(Created variable: Living alone. Note: Alone does not include living with maid)

- 0: Not living alone
- 1: Living alone (without maid)

# The next questions pertain to your (subject's) children.

- Q7 How many surviving children do you (subject) have, including those not staying with you in this household? Q7\_1, Q7\_2
  - 1: Have at least one natural child
  - 2: Have at least one adoptive or step child
  - 3: No natural / adoptive / step children

[Interviewer: Answer separately for biological children and adoptive or stepchildren.]

- 1 Number of natural children: \_\_\_\_\_ Q7\_1\_Natural Children
- 2 Number of adoptive or step children: \_\_\_\_\_Q7\_2\_AdoptiveStep\_Children
- 3 No natural / adoptive / step children [Go to Q10]

#### childrenno

(Created variable: Total number of children. Note: Includes both natural and adopted children.)

# Q8 Questions about your (subject's) children will be asked in order of oldest to youngest.

- (i) Age
- (ii) Does he / she live with you in the same household? [Interviewer: Put a tick in the box]
- (iii) Gender
- (iv) [SHOWCARD 2] What was ...'s highest educational level completed?
- (v) [SHOWCARD 3] What is ...'s marital status?
- (vi) [SHOWCARD 4] Is ...currently employed?

SN	Q8 (i)	Q8 (ii)	Q8 (iii)	Q8 (iv)	Q8 (v)	Q8 (vi)
	Age		Gender	Highest Edu completed	Marital Status	Currently Employed

1	Years old 998 RF 999 DK DK	Live with you in the same household [Please tick] 0 No 1 Living in the same household as subject 998 RF Q8_SN1_ii_	1 Male 2 Female 998 RF 999 DK 999 DK	1 No formal edu 2 Some primary 3 Completed Pri 4 Completed Sec 5 Vocational / ITE 6 JC / Poly 7 University 8 Don't know / Can't remember 9 Special School 998 RF Q8_SN1_iv_Education	1 Married 2 Widowed 3 Separated 4 Divorced 5 Never married 6 Don't know/ Can't remember 998 RF	1 Working full-time 2 Working part-time 3 Retired 4 Student 5 Home-maker 6 Unemployed 7 Don't know / Can't remember 998 RF Q8_SN1_vi_Employed
	N1_i_ Age	SameHH	ii_Gender		aritalStatus	
2	Q8_S N2_i_ Age	Q8_SN2_ii_ SameHH	Q8_SN2_i ii_Gender	Q8_SN2_iv_Education	Q8_SN2_v_M aritalStatus	Q8_SN2_vi_Employed
3	Q8_S N3_i_ Age	Q8_SN3_ii_ SameHH	Q8_SN3_i ii_Gender	Q8_SN3_iv_Education	Q8_SN3_v_M aritalStatus	Q8_SN3_vi_Employed
4	Q8_S N4_i_ Age	Q8_SN4_ii_ SameHH	Q8_SN4_i ii_Gender	Q8_SN4_iv_Education	Q8_SN4_v_M aritalStatus	Q8_SN4_vi_Employed
5	Q8_S N5_i_ Age	Q8_SN5_ii_ SameHH	Q8_SN5_i ii_Gender	Q8_SN5_iv_Education	Q8_SN5_v_M aritalStatus	Q8_SN5_vi_Employed
6	Q8_S N6_i_ Age	Q8_SN6_ii_ SameHH	Q8_SN6_i ii_Gender	Q8_SN6_iv_Education	Q8_SN6_v_M aritalStatus	Q8_SN6_vi_Employed
7	Q8_S N7_i_ Age	Q8_SN7_ii_ SameHH	Q8_SN7_i ii_Gender	Q8_SN7_iv_Education	Q8_SN7_v_M aritalStatus	Q8_SN7_vi_Employed
8	Q8_S N8_i_ Age	Q8_SN8_ii_ SameHH	Q8_SN8_i ii_Gender	Q8_SN8_iv_Education	Q8_SN8_v_M aritalStatus	Q8_SN8_vi_Employed
9	Q8_S N9_i_ Age	Q8_SN9_ii_ SameHH	Q8_SN9_i ii_Gender	Q8_SN9_iv_Education	Q8_SN9_v_M aritalStatus	Q8_SN9_vi_Employed
10	Q8_S N10_i _Age	Q8_SN10_ii _SameHH	Q8_SN10 _iii_Gend er	Q8_SN10_iv_Education	Q8_SN10_v_ MaritalStatus	Q8_SN10_vi_Employe d
11	Q8_S N11_i_ Age	Q8_SN11_ii _SameHH	Q8_SN11 _iii_Gend er	Q8_SN11_iv_Education	Q8_SN11_v_ MaritalStatus	Q8_SN11_vi_Employe d
12	Q8_S N12_i _Age	Q8_SN12_ii _SameHH	Q8_SN12 _iii_Gend er	Q8_SN12_iv_Education	Q8_SN12_v_ MaritalStatus	Q8_SN12_vi_Employe d
13	Q8_S N13_i _Age	Q8_SN13_ii _SameHH	Q8_SN13 _iii_Gend er	Q8_SN13_iv_Education	Q8_SN13_v_ MaritalStatus	Q8_SN13_vi_Employe d
14	Q8_S N14_i _Age	Q8_SN14_ii _SameHH	Q8_SN14 _iii_Gend er	Q8_SN14_iv_Education	Q8_SN14_v_ MaritalStatus	Q8_SN14_vi_Employe d

Living with one's children

Q9 [Ask those who reside with children according to Q6.3 only]

# [SHOWCARD 5] What are the main reasons you (subject) are currently residing with your (subject's) child(ren) (Maximum 3)? [MA] Q9\_1, Q9\_2, Q9\_3

1 To provide financial support 16 The house is newly built 2 To receive financial support 17 Other (Please explain: \_\_\_\_\_) 3 To help with the housework 18 Not sure 19 4 To help care for grandchildren Child is divorced Child is handicapped/disabled/blind/mentally 5 To be looked after 20 unsound Does own a house/property/house was 6 Child(ren)'s request 21 demolished/waiting for own flat to live 7 22 To look after children Own request Child is waiting to buy their own house/ for their 8 Want to be near my child(ren) 23 new house to be ready Have become accustomed to child/feels closer to child/get along 9 Child(ren) provides emotional support 24 better with child/have stayed with child for a long time/subject's only child/more freedom Follows tradition that eldest or youngest child should look after 10 To provide advice or be someone to talk to 25 parents/child is the last one to get married 11 To receive advice 27 To be near grandchildren 12 My husband/wife passed away 29 To help run family business My child(ren) isn't ready to be independent 13 30 Convenient yet 14 Child isn't married yet 39 Closely knit family 15 To provide my child(ren) with a place to live

# Q10 The next few questions pertain to you (subject) and your (subject's) spouse.

[Interviewer: Questions on the subject's spouse should only be asked in the event that the subject responded (1) Married to Q5 above.]

	Questions	Subject	Spouse
а	<b>ID</b> from the far-left side of the table on Q6.3 (00 for the spouse in the event that the couple is separated, divorced, or widowed)	Number from Q6.3 0 1 Q10a_Subj_ID	Number from Q6.3 Q10a_Spouse_ID 0 Not stay in same household 2 Stay in same household (Note that the response does not indicate the ID from Q6.3)
		Q10b_Subj_Where	Q10b_Spouse_Where
b	Before you were 10 years old, where did you reside the longest?	City     Kampung     Not sure     Q10c_Subj_Edu	City     Kampung     Not sure     Q10c_Spouse_Edu
С	<b>[SHOWCARD 6]</b> Educational Background What was the highest educational level completed?	<ol> <li>No formal education</li> <li>Primary</li> <li>Secondary</li> <li>Vocational/ITE</li> <li>Junior college/Poly</li> <li>University and above</li> <li>Don't know / Can't remember</li> </ol>	<ol> <li>No formal education</li> <li>Primary</li> <li>Secondary</li> <li>Vocational/ITE</li> <li>Junior college/Poly</li> <li>University and above</li> <li>Don't know / Can't remember</li> </ol>
		Q10d_Subj_Working	Q10d_Spouse_Working
d	[SHOWCARD 7] Are you currently working?	<ol> <li>Working full-time</li> <li>Working part-time</li> <li>Retired and not working</li> <li>Home-maker</li> </ol>	<ol> <li>Working full-time</li> <li>Working part-time</li> <li>Retired and not working</li> <li>Home-maker</li> </ol>
		Q10e_Subj_LongestOccupation	Q10e_Spouse_LongestOccupation
e	[SHOWCARD 8] Which occupation were you (your spouse) engaged in the longest?	<ol> <li>Professionals</li> <li>Administrative &amp; managerial</li> <li>Associate professionals &amp; technicians</li> <li>Clerical workers</li> <li>Sales &amp; services</li> <li>Production &amp; related</li> <li>Cleaners &amp; laborers</li> <li>Homemaker [Go to h]</li> <li>Others (please specify)</li> <li>Civil Servant</li> <li>Self-employed</li> <li>Army</li> <li>DK</li> </ol>	<ol> <li>Professionals</li> <li>Administrative &amp; managerial Associate professionals &amp;</li> <li>technicians Clerical workers</li> <li>Sales &amp; services</li> <li>Production &amp; related</li> <li>Cleaners &amp; laborers</li> <li>Homemaker [Go to h]</li> <li>Others (please</li> <li>specify)</li> <li>Civil Servant</li> <li>Self-employed</li> <li>Army</li> <li>DK</li> </ol>

f	Years worked for the longest job	Yrs.     Yrs.       Q10f_Subj_YearforLongest     Q10f_Spouse_YearforLongest
		998 RF 998 RF
g	Total years employed overall	999 DK         999 DK           Yrs.         Yrs.           Q10g_Subj_TotalYears         Q10g_Spouse_TotalYears
		998 RF         998 RF           999 DK         999 DK
As	sk h and i only to those respondents v	vho are not currently working [according to 'd']
h	Would you (your spouse) like to be working? Q10h_Subj_IntendWork Q10h_Spouse_IntendWork	1         Yes         1         Yes           2         No         [Go to Q11]         2         No         [Go to Q11]           9         DK         9         DK
İ	[SHOWCARD 9] If yes, what are main reasons? [MA]	1Income Q10i_Subj_Reasons_11Income Q10i_Spouse_Reasons_12Social contact Q10i_Subj_Reasons_22Social contact Q10i_Spouse_Reasons_223Maintain good health Q10i_Subj_Reasons_33Maintain good health Q10i_Spouse_Reasons_334Enjoy working Q10i_Subj_Reasons_44Enjoy working Q10i_Subj_Reasons_545Other Q10i_Subj_Reasons_55Other Q10i_Spouse_Reasons_5

# education1, education1\_spouse

(Created variable: Dichotomous variable for highest education of subject, or of spouse.)

0: No formal education

1: At least primary school education

#### education2, education2\_spouse

(Created variable: Dichotomous variable for highest education of subject, or of spouse.)

- 0: Primary school or below
- 1: Above primary school education

# education3, education3\_spouse

(Created variable: Summary variable for highest education of subject, or of spouse.)

- 1: No formal education
- 2: Primary school education
- 3: Secondary school education
- 4: Above secondary school education

# occupation, occupation\_spouse

(Created variable: Summary variable for occupation of subject or spouse.)

1: Professionals / Administrative and managerial / Associate professionals / Civil service / Army / Selfemployed

- 2: Clerical workers / Sales and services
- 3: Production and related / Cleaners and labourers
- 4: Homemakers

# Q11 [SHOWCARD 10] What type of housing are you (subject) living in?

# Q11\_HousingType

- 1 HDB/JTC flat (1-2 room)
- 6 Bungalow/semi-detached/terrace house
- 2 HDB/JTC flat (3 room) 7 Shophouse

- **3** HDB/JTC flat (4 room)
- Attap

8

9

4 HDB/JTC flat (5 room and above/HUDC/Executive)

Others (specify: \_\_\_\_\_)

Q11\_9\_Others\_Specify

**5** Condominium/Private flat

# housing1

(Created variable: Summary variable for subject's housing.)

- 1: 1-2 room HDB
- 2: 3 room HDB

**3**: 4-5 room HDB and Private Housing (Condominium/Private flat/Bungalow/semi-detached/terrace house) and Shophouse and Others

# housing2

(Created variable: Summary variable for subject's housing.)

- 1: 1-2 room HDB
- 2: 3 room HDB
- 3: 4-5 room HDB
- 4: Private Housing (Condominium/Private flat/Bungalow/semi-detached/terrace house)
- 5: Shophouse and Others

Q12	Who owns this current property that you (subject) live in?						
	Q12						
	1 Subject	8 Pontal					

1	Subject	8	Rental
2	Child in the household	9	Don't know
3	Joint ownership with spouse	11	Spouse joint ownership with child
4	Joint ownership with other household member	12	Others
5	Other household member(s)	13	Spouse
6	Child outside household	<b>998</b>	RF
7	Others outside household		

[Interviewer: If respondent is a proxy, please skip Q13 ~ Q21 and Go to Section C]

# Q13 [SHOWCARD 11] Would you consider living in the following types of housing?

			Yes	No	Maybe	DK
Q13a	а	HDB Studio Apartment	1	2	3	4
Q13b	b	One-room rental flats with shared common space for cooking and socializing	1	2	3	4
Q13c	С	Senior-only housing blocks with on-site health and social services	1	2	3	4
Q13d	d	Retirement villages with social activities and some communal services	1	2	3	4

Q14 [SHOWCARD 12] How do you feel about in-home help services that involve someone who is not Q14 familiar to you entering your home, for example, personal aid services? [Interviewer: The users pay for such services themselves.]

1	2	3	4	5
Feel no reservations at all	Feel hardly any reservations	Feel some reservations	Have strong reservations	Not sure



[SHOWCARD 12] How do you feel about using out-of-home services like day services and day care? [Interviewer: The users pay for such services themselves.]

1	2	3	4	5
Feel no	Feel hardly any	Feel some	Have strong	Not sure
reservations at all	reservations	reservations	reservations	

SECTIC	ON B: SOCIAL ISC	LATION							
Q16 Q16	[SHOWCARD 1: doing?	2] How do you feel ab	out a neighb	our conta	icting you dai	ily to see	e how you	are	
	1	2	3		4		5		
	Feel no	Feel hardly any	Feel som		Have strong		Not sur	e	
	reservations at a	II reservations	reservatio	ons	reservations	5			
Q17		3] The next questions all me how often you			el about diffe	erent asp	pects of yo	our life.	
	i or cach one, a	in the new often you	Always	Fairly o	ften Occasi	onally	Rarely	Never	
Q17a	a How often de companions	o you feel that you lack hip	4	3	2		1	0	
Q17b	b How often de	o you feel left out	4	3	2		1	0	
Q17c	c How often de others	o you feel isolated from	4	3	2		1	0	
	<ul> <li>original paper above were different from what was asked in PHASE Wave 1. Therefore, the scoring is also different.</li> <li>Reference: Hughes, M. E., Waite, L. J., Hawkley, L. C., &amp; Cacioppo, J. T. (2004). A Short Scale for Measuring Loneliness in Large Surveys: Results From Two Population-Based Studies. <i>Research on Aging</i>, <i>26</i>(6), 655–672. http://doi.org/10.1177/0164027504268574</li> <li>Ioneliness_yesno (Created variable: UCLA 3-item Ioneliness score, dichotomized. <i>Note:</i> This is based on the 0-12 scoring range (see above)).</li> <li>0: Not Ionely (score of 0)</li> </ul>								
Q18		e of loneliness (score o 4] How do you feel ab		ial intera	tions?				
<u> </u>	-	nt do you agree with th	ie	Strongly disagree	Disagree	Agree	Strongly agree	No comments	
Q18a		onships where my com e recognized.	petence	0	1	2	3	9	
Q18b	b There is son concerns	neone who shares my i	nterests or	0	1	2	3	9	
Q18c	c There is son their well bei	neone who really relies ng.	on me for	0	1	2	3	9	
Q18d		ustworthy person I coul I were having problems		0	1	2	3	9	
Q18e	e I feel a stron one other pe	g emotional bond with rson.	at least	0	1	2	3	9	
Q18f	f There is son really need i	neone I can depend on t.	for aid if I	0	1	2	3	9	

Q18g	g	There is someone I feel comfortable tall about my problems with	king	0	1	2	3	9	
Q18h	h	There are people who admire my talent abilities	s and	0	1	2	3	9	
Q18i	i	I feel very close to another person.	eel very close to another person.				3	9	
Q18j	j	There is another person who likes to do things I do.	the	0	1	2	3	9	
Q18k	k	There are people I can count on in an emergency.		0	1	2	3	9	
Q18I	I.	Another person needs me to care for the	em.	0	1	2	3	9	
Q19.1		HOWCARD 15] Among all your relativ randchildren, in-laws, siblings, nieces					)	≥ 9	
Q19_1a	а	How many relatives do you see or hear from at least once a month?	0	1	2	3	4	5	
Q19_1b	b	How many relatives do you feel at ease with that you can talk about private matters?	0	1	2	3	4	5	
Q19_1c	С	How many relatives do you feel close to such that you could call on them for help?	0	1	2	3	4	5	
		, , , , , , , , , , , , , , , , , , ,	Never	Seldom	Sometimes	Often	Very Often	Always	
Q19_1d	d	How often do you see or hear from relatives with whom you have the most contact?	0	1	2	3	4	5	
Q19_1e	е	When one of your relatives has an important decision to make, how often do they talk to you about it?	0	1	2	3	4	5	
Q19_1f	f	How often is one of your relatives available for you to talk to when you have an important decision to make?	0	1	2	3	4	5	

Q19.2 [SHOWCARD 16] Are you satisfied with the level of contact with your relatives?

Q19_2	1 2		3	4	5	9
	Very Satisfied	Satisfied	Unsatisfied	Very Unsatisfied	Not Sure	RF

Q20.1	[SHOWCARD 17] Among all of your friends including those who live in your neighbourhood											
			0	1	2	3~4	5~8	≥ 9				
Q20_1a	а	How many friends do you see or hear from at least once a month?	0	1	2	3	4	5				
Q20_1b	b	How many friends do you feel at ease with that you can talk about private matters?	0	1	2	3	4	5				
Q20_1c	С	How many friends do you feel close to such that you could call on them for help?	0	1	2	3	4	5				
			Never	Seldom	Sometime s	Often	Very Often	Always				
Q20_1d	d	How often do you see or hear from friends with whom you have the most contact?	0	1	2	3	4	5				

Q20_1e	e	When one of your friends has an important decision to make, how often do they talk to you about it?	0	1	2	3	4	5
Q20_1f	f	How often is one of your friends available for you to talk to when you have an important decision to make?	0	1	2	3	4	5

Isnsr

(Created variable: Lubben Social Network Scale Revised (LSNS-R) Score (range 0-60). It is based summing up on Q19\_1a to Q19\_1f and Q20\_1a to Q20\_1f. *Note:* This has been modified to assess social networks <u>outside the household</u>.

Reference: Lubben, J., Gironda, M. (2004). Measuring social networks and assessing their benefits. In Social Networks and Social Exclusion: Sociological and Policy Perspectives. Eds. Phillipson, C., Allan, G., Morgan, D. Ashgate

# lsns6

(Created variable: Lubben Social Network Scale Revised (LSNS6) Score (range 0-30). It is based summing up on Q19\_1a to Q19\_1c and Q20\_1a to Q20\_1c. *Note:* This has been modified to assess social networks <u>outside the household</u>.

Reference: Lubben, J., Blozik, E., Gillmann, G., Iliffe, S., von Rentein Kruse, W., Beck, J.C., & Stuck, A.E. (2006). Performance of an abbreviated version of the Lubben Social Network Scale among three European community-dwelling older adult populations. The Gerontologist, 46(4), 503–513.

# Q20.2 [SHOWCARD 16] Are you satisfied with the level of contact with your friends?

	1	2	3		4		5		9	
Q20_2	Very Satisfied	Satisfied	Unsatis	fied	Very Uns	atisfied	Not Su	re	RF	
Q21	[SHOWCARD 18] Among all of your neighbours including those you consider your friend,									
				0	1	2	3~4	5~8	$\geq$ 9	
Q21a		any of your neig or hear from a n?		0	1	2	3	4	5	
Q21b		any neighbours or help?	could you	0	1	2	3	4	5	

# SECTION C: HEALTH STATUS & PHYSICAL DISABILITIES / LIMITATIONS

The next questions will be regarding health.

# Q22.1 [SHOWCARD 19] In general, how would you describe your (subject's) state of health?

- Q22\_1 1 Very healthy
  - 2 Healthier than average
  - 3 Of average health
  - 4 Somewhat unhealthy
  - 5 Very unhealthy
  - 6 Not sure
- Q22.2 [SHOWCARD 19] Consider your health while you were growing up, from birth to age 16 years old. Would you say, that your health during that time was very healthy, healthier than average, of average health, somewhat unhealthy, very unhealthy or not sure?
- Q22\_2 1 Very healthy
  - 2 Healthier than average

- **3** Of average health
- 4 Somewhat unhealthy
- 5 Very unhealthy
- 6 Not sure
- Q23 [SHOWCARD 20] The next question is related to vision. With your (subject's) glasses or contact lenses if you (subject) wear them, is your (subject's) eyesight excellent, very good, good, fair, poor or loss of vision in both eyes?
- Q23 1 Excellent
  - 2 Very Good
  - 3 Good
  - 4 Fair
  - 5 Poor
  - 6 Loss of vision (no vision) in both eyes
- Q24 [SHOWCARD 21] The following question is related to hearing ability. If you (subject) use hearing aids, please respond to this question based on your (subject's) hearing ability when you (subject) wear them. Is your (subject's) hearing excellent, very good, good, fair, poor or not able to hear in both ears?
- Q24 1 Excellent
  - 2 Very Good
  - 3 Good
  - 4 Fair
  - 5 Poor
  - 6 Not able to hear in both ears

The next questions will be about experience with physical ailments that you (subject) have had.

[Interviewer: Ask a ~ s, repeating (i), (ii) and (iii) for each as appropriate.]

Q25 (i) [SHOWCARD 22] Have you (subject) ever been diagnosed by a medical professional with.?

# (ii) [If yes, Q25(i)=1] At what age were you (subject) diagnosed with.....?

**[Interviewer:** In the event that the subject has experienced the same physical ailment more than once, record only the first occurance for (a) through (n). In addition, record only the most recent incidence of fractures for (o) and (p) below.]

# (iii) [If yes, Q25(i)=1] Are you (subject) presently taking medicine prescribed by a physician for this condition?

		Q25 (i) Diagnosis			Q25 (ii) Age at Diagnosis	Q25 (iii) Taking Prescribed Medicatio			
Ailm	lment		No Not Sure [Go to next Item]			Yes	Yes No Not taking regularly		Not prescribed medication
[Inte	erviewer: Record the first occu	ırance fo	r (a) thro	ough (n) b	pelow.]				
а	Heart attack, angina, myocardial infarction,etc.	1	2	3	Yrs 999 DK 998 RF	1	2	3	4

		Q25a_i_Diagnosis	Q25a_ii_Age	Q25a_iii_Medication
b	Other forms of heart disease	1 2 3	yrs	1 2 3 4
		Q25b_i_Diagnosis	Q25b_ii_Age	Q25b_iii_Medication
с	Cancer (excluding skin cancer)	1 2 3	yrs	1 2 3 4
		Q25c_i_Diagnosis	Q25c_ii_Age	Q25c_iii_Medication
d	Cerebrovascular disease (stroke, etc.)	1 2 3	yrs	1 2 3 4
		Q25d_i_Diagnosis	Q25d_ii_Age	Q25d_iii_Medication
е	Dementia [only to be asked to the proxy]	1 2 3	yrs	1 2 3 4
		Q25e_i_Diagnosis	Q25e_ii_Age	Q25e_iii_Medication
f	High blood pressure	1 2 3	yrs	1 2 3 4
		Q25f_i_Diagnosis	Q25f_ii_Age	Q25f_iii_Medication
g	Diabetes	1 2 3	yrs	1 2 3 4
		Q25g_i_Diagnosis	Q25g_ii_Age	Q25g_iii_Medication
h	Respiratory illness (chronic, such as asthma)	1 2 3	yrs	1 2 3 4
		Q25h_i_Diagnosis	Q25h_ii_Age	Q25h_iii_Medication
i	Digestive illness (stomach or intestinal)	1 2 3	yrs	1 2 3 4
		Q25i_i_Diagnosis	Q25i_ii_Age	Q25i_iii_Medication
j	Renal/kidney or urinary tract ailments	1 2 3	yrs	1 2 3 4
		Q25j_i_Diagnosis	Q25j_ii_Age	Q25j_iii_Medication
k	Ailments of the liver or gallbladder	1 2 3	yrs	1 2 3 4
		Q25k_i_Diagnosis	Q25k_ii_Age	Q25k_iii_Medication
I	Joint pain, Arthritis, rheumatism or nerve pain	1 2 3	yrs	1 2 3 4
		Q25I_i_Diagnosis	Q25I_ii_Age	Q25I_iii_Medication
m	Chronic back pain	1 2 3	yrs	1 2 3 4
		Q25m_i_Diagnosis	Q25m_ii_Age	Q25m_iii_Medication
n	Osteoporosis	1 2 3	yrs	1 2 3 4
		Q25n_i_Diagnosis	Q25n_ii_Age	Q25n_iii_Medication
_	rviewer: Record the most rece		-	
0	Fractures of the hip, thigh, and pelvis	1 2 3	yrs	1 2 3 4
		Q25o_i_Diagnosis	Q25o_ii_Age	Q25o_iii_Medication
р	Other fractures	1 2 3	yrs	1 2 3 4
		Q25p_i_Diagnosis	Q25p_ii_Age	Q25p_iii_Medication

q	Cataract	1	2	3	yrs	1	2	3	4
		Q25	q_i_Diag	gnosis	Q25q_ii_Age		Q2	5q_iii_Medic	ation
r	Glaucoma	1	2	3	yrs	1	2	3	4
		Q25	r_i_Diag	Inosis	Q25r_ii_Age		Q2	5r_iii_Medic	ation
t	Parkinson's	1	2	3	yrs	1	2	3	4
		Q25	it_i_Diag	inosis	Q25t_ii_Age		Q2	5t_iii_Medic	ation
u	Thyroid	1	2	3	yrs	1	2	3	4
		Q25	u_i_Diag	gnosis	Q25u_ii_Age		Q2	5u_iii_Medic	ation
S	Others (Pls Specify:)	1	2	3	yrs	1	2	3	4
		Q25s_	i_Diagno cify_1	osis_Spe	Q25s_ii_Age_ 1		Q25	s_iii_Medica	tion_1
		Q25s_	i_Diagno	osis_Spe	Q25s_ii_Age_		Q25	s_iii_Medica	tion_2

cify\_2 2

Q26 Have you (subject) ever been hospitalized in the last 3 years?

**Q26** 1 Yes 2 No 3 Not sure

The next questions will be on your (subject's) physical ability and agility.

[Interviewer: Ask a ~ j, repeating (i), (ii) and (iii) for each as appropriate.]

Q27 [SHOWCARD 23] (i) Please indicate which of the following actions you (subject) find difficult to perform alone without the assistance of a person or physical prop or aid.
 (ii) [If "difficult," (i)=1] To what extent?

(iii) [If "difficult," (i)=1] From what age the action became difficult.

**[Interviewer:** Have respondents include actions that the subject can perform, even though he or she may not have done them recently.]

		(i) Do you find this difficult?	(ii) To what extent?	(iii) From what age did this become difficult?
а	Walk 200 to 300 metres (1 bus stop to another)	1 Yes 2 No 3 Not sure Q27a_i_Difficult	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure Q27a_ii_Extent</li> </ol>	From Yrs old Q27a_iii_Age 999 DK/can't remember 998 RF
b	Climb 10 steps without resting	1 Yes 2 No 3 Not sure Q27b_i_Difficult	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q27b_ii_Extent</li> </ol>	From Yrs old Q27b_iii_Age 999 DK/can't remember 998 RF
С	Stand (go without sitting) for 2 hours	1 Yes 2 No 3 Not sure Q27c_i_Difficult	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure Q27c_ii_Extent</li> </ol>	From Yrs old Q27c_iii_Age 999 DK/can't remember 998 RF

d e	Continue to sit for 2 hours Stoop or bend your knees	1 2 3 1 2 3	Yes No Not sure Q27d_i_Difficult Yes No Not sure Q27e_i_Difficult	1 2 3 4 1 2 3 4	Somewhat difficult Very difficult Unable to perform Not sure Q27d_ii_Extent Somewhat difficult Very difficult Unable to perform Not sure Q27e_ii_Extent	From Yrs old Q27d_iii_Age 999 DK/can't remember 998 RF From Yrs old Q27e_iii_Age 999 DK/can't remember 998 RF
f	Raise your hands above your head	1 2 3	Yes No Not sure Q27f_i_Difficult	1 2 3 4	Somewhat difficult Very difficult Unable to perform Not sure Q27f_ii_Extent	From Yrs old Q27f_iii_Age 999 DK/can't remember 998 RF
g	Extend arms out in front of you as if to shake hands	1 2 3	Yes No Not sure Q27g_i_Difficult	1 2 3 4	Somewhat difficult Very difficult Unable to perform Not sure Q27g_ii_Extent	From Yrs old Q27g_iii_Age 999 DK/can't remember 998 RF
h	Grasp with your fingers or move your fingers easily	1 2 3	Yes No Not sure Q27h_i_Difficult	1 2 3 4	Somewhat difficult Very difficult Unable to perform Not sure Q27h_ii_Extent	From Yrs old Q27h_iii_Age 999 DK/can't remember 998 RF
i	Lift an object weighing approximately 10 kg (a big size bag of rice)	1 2 3	Yes No <b>[Go to Q28]</b> Not sure <b>Q27i_i_Difficult</b>	1 2 3 4	Somewhat difficult Very difficult Unable to perform Not sure Q27i_ii_Extent	From Yrs old Q27i_iii_Age 999 DK/can't remember 998 RF
j	Lift an object weighing approximately 5 kg (a middle size bag of rice)	1 2 3	Yes No Not sure Q27j_i_Difficult	1 2 3 4	Somewhat difficult Very difficult Unable to perform Not sure Q27j_ii_Extent	From Yrs old Q27j_iii_Age 999 DK/can't remember 998 RF

#### mobilitydiff

(Created variable: Summary measure of mobility limitations (range 0-9). Higher score indicates higher number of mobility limitations *Note:* Item (i) "Lift an object weighting approximately 10 kg" not used.)

#### mobilitydiff\_yesno

(Created variable: Summary measure of mobility limitations, dichotomized. *Note:* Item (i) "Lift an object weighting approximately 10 kg" not used.)

0: No mobility limitations

1: At least one mobility limitation

The next questions concern your (subject's) ability to perform daily activities. [Interviewer: Ask  $a \sim h$ , repeating (i) to (iv) for each as appropriate.]

Q28 (i) Do you (subject) find it difficult to \_\_\_\_\_ alone without the assistance of a person or assistive device due to your (subject's) health or physical state?

(ii) [If "difficult", (i)=1] How difficult do you (subject) find it to \_\_\_\_\_ by yourself?

(iii) [If "difficult", (i)=1] From what age did you begin to experience this difficulty?

(iv) [If "difficult", (i)=1] Do you (subject) need assistance / device to \_\_\_?

Activities	Q28 (i) Difficult	Q28 (ii) How difficult?	Q28 (iii) Age	Q28 (iv) Assistance / Device
a. Take a bath/shower	<ol> <li>Difficult</li> <li>Not difficult [Go to b]</li> <li>Not sure [Go to b]</li> <li>Q28a_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q28a_ii_How</li> </ol>	yrs old Q28a_iii_Age 999 DK 998 RF	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance</li> <li>(Specify:)</li> <li>No</li> <li>Not sure</li> <li>Q28a_iv_Assistance_1</li> <li>Q28a_iv_Assistance_2 (Label 1 as Yes, human assistance and 2 as Yes, device assistance)</li> <li>Q28a_iv_2 Assistance</li> </ol>
b. Dress up	<ol> <li>Difficult</li> <li>Not difficult [Go to c]</li> <li>Not sure [Go to c]</li> <li>Q28b_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q28b_ii_How</li> </ol>	yrs old <b>Q28b_iii_Age</b> 999 DK 998 RF	Q28a_iv_2_Assistance_Specify 1. Yes, human assistance 2. Yes, device assistance (Specify:) 3. No 4. Not sure Q28b_iv_Assistance_1 Q28b_iv_Assistance_2 Q28b_iv_2_Assistance_Specify
c. Eat	<ol> <li>Difficult</li> <li>Not difficult [Go to d]</li> <li>Not sure [Go to d]</li> <li>Q28c_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q28c_ii_How</li> </ol>	yrs old Q28c_iii_Age 999 DK 998 RF	1. Yes, human assistance 2. Yes, device assistance (Specify:) 3. No 4. Not sure Q28c_iv_Assistance_1 Q28c_iv_Assistance_2 Q28c_iv_2_Assistance_Specify
d. Stand up from a bed / chair; sitting down on a chair	<ol> <li>Difficult</li> <li>Not difficult [Go to e]</li> <li>Not sure [Go to e]</li> <li>Q28d_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q28d_ii_How</li> </ol>	yrs old Q28d_iii_Age 999 DK 998 RF	1. Yes, human assistance 2. Yes, device assistance (Specify:) 3. No 4. Not sure Q28d_iv_Assistance_1 Q28d_iv_Assistance_2 Q28d_iv_2_Assistance_Specify
e. Walk (around the house)	<ol> <li>Difficult</li> <li>Not difficult [Go to f]</li> <li>Not sure [Go to f]</li> <li>Q28e_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q28e_ii_How</li> </ol>	yrs old Q28e_iii_Age 999 DK 998 RF	1. Yes, human assistance         2. Yes, device assistance         (Specify:)         3. No         4. Not sure         Q28e_iv_Assistance_1         Q28e_iv_Assistance_2         Q28e_iv_2_Assistance_Specify
f. Go outside (leave the house)	<ol> <li>Difficult</li> <li>Not difficult [Go to g]</li> <li>Not sure [Go to g]</li> <li>Q28f_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q28f_ii_How</li> </ol>	yrs old Q28f_iii_Age 999 DK 998 RF	1. Yes, human assistance         2. Yes, device assistance         (Specify:)         3. No         4. Not sure         Q28f_iv_Assistance_1         Q28f_iv_Assistance_2         Q28f_iv_2_Assistance_Specify

g. Use the	1. Difficult	1. Somewhat difficult	yrs old	1. Yes, human assistance
squatting	2. Not difficult [Go to h]	<ol> <li>Very difficult</li> </ol>	-	2. Yes, device assistance
toilet	3. Not sure [Go to h]	3. Unable to perform		(Specify:)
	Q28g_i_Difficult	4. Not sure	Q28g_iii_Age	3. No
		Q28g_ii_How	999 DK	4. Not sure
			998 RF	Q28g_iv_Assistance_1
			990 KF	Q28g_iv_Assistance_2
				Q28g_iv_2_Assistance_Specify
h. Use the	1. Difficult	<ol> <li>Somewhat difficult</li> </ol>	yrs old	<ol> <li>Yes, human assistance</li> </ol>
sitting toilet	2. Not difficult [GotoQ29.1]	<ol> <li>Very difficult</li> </ol>		<ol> <li>Yes, device assistance</li> </ol>
	3. Not sure [Go to Q29.1]	<ol> <li>Unable to perform</li> </ol>		(Specify:)
	Q28h_i_Difficult	<ol> <li>Not sure</li> </ol>	Q28h_iii_Age	3. No
		Q28h_ii_How	999 DK	4. Not sure
				Q28h_iv_Assistance_1
			998 RF	Q28h_iv_Assistance_2
				Q28h_iv_2_Assistance_Specify

# adldiff

(Created variable: Summary measure of ADL limitations (range 0-6). Higher score indicates higher number of ADL limitations. Score is based on the number of "Difficult" responses (Q28a\_i\_Difficult, Q28b\_i\_Difficult, Q28c\_i\_Difficult, Q28d\_i\_Difficult, Q28e\_i\_Difficult, Q28h\_i\_Difficult). *NOTE*: Items (f) "Go outside the house" and (g) "Use the squatting toilet" are excluded.)

# adldiff\_yesno

(Created variable: Summary measure of ADL limitations, dichotomized. This is based on the number of "Difficult" responses (Q28a\_i\_Difficult, Q28b\_i\_Difficult, Q28c\_i\_Difficult, Q28d\_i\_Difficult, Q28e\_i\_Difficult, Q28h\_i\_Difficult). *NOTE*: Items (f) "Go outside the house" and (g) "Use the squatting toilet" are excluded.) **0**: No ADL limitation

1: At least one ADL limitation

# Q29.1 [Interviewer: If the respondent reported no difficulty in Q28, go to Q30]

[SHOWCARD 24] Were any of these difficulties due to any of the following conditions? If yes, which ones? [MA] Q29\_1

- 1 Yes, Please specify illness:
  - Q29\_1\_Yes\_1 Q29\_1\_Yes\_2 Q29\_1\_Yes\_3 Q29\_1\_Yes\_4 Q29\_1\_Yes\_5 Q29\_1\_Yes\_6 Q29\_1\_Yes\_7
  - Q29\_1\_Yes\_8
  - Q29\_1\_Yes\_9
  - Q29\_1\_Yes\_OthersSpecify

#### For Q29\_1\_Yes\_1 to Q29\_1\_Yes\_9, codes are as follows:

- 1 Heart attack, angina, myocardial infarction etc.
  - 2 Other forms of heart disease
  - 3 Cancer (excluding skin cancer)
  - 4 Cerebrovascular disease (stroke etc.)
- 5 Dementia
- 6 High blood pressure
- 7 Diabetes
- 8 Respiratory illness (chronic, such as asthma)
- 9 Digestive illness (stomach of intestinal)
- 10 Renal / kidney or urinary tract ailments
- 11 Ailments of the liver or gallbladder
- 12 Arthritis, neuralgia or rheumatism
- 13 Chronic back pain
- 14 Osteoporosis
- **15** Fractures of the hip, thigh or pelvis / broken hip
- 16 Other fractures (specify)
- 17 Cataract
- 18 Glaucoma
- 19 Accident
- 20 Old age
- 21 Parkinson's disease
- 22 Thyroid
- 88 Others

#### 2 No

#### Q29.2 [Interviewer: Only ask those who reported a need for human assistance for any of the activities in Q28] Who primarily helps you (subject) perform these activities? Q29\_2

- 1 No one
- 2 Live-in family member (Specify: \_\_\_\_\_) [Interviewer: If the caregiver is a live-in family member, record the ID number from Q6.3.] Q29\_2\_2\_Member\_Specify\_1
  - Q29\_2\_2\_Member\_Specify\_2
  - Q29\_2\_2\_Member\_Specify\_3
  - Q29\_2\_2\_Member\_Specify\_4
  - Q29\_2\_2\_Member\_Specify\_5
  - Q29\_2\_2\_Member\_Specify\_6
- 3 Non co-resident family member
- 4 Housemaid / houseboy
- 5 Not sure
- 6 Other (Specify:
  - Q29\_2\_6\_Other\_Specify

# The next question concerns slightly more complicated tasks.

Q30 (i) Do you (subject) find it difficult to \_\_\_\_\_ alone without the assistance of a person or assistive device due to your health or physical state?

)

?

- (ii) [If "yes," (i)=1] How difficult do you (subject) find it to \_\_\_\_\_ by yourself?
- (iii) [If "yes," (i)=1] From what age did you begin to experience this difficulty?

# (iv) [If "yes," (i)=1] Do you need assistance / device to \_\_\_\_\_

Activities	Q30 (i)	Q30 (ii)	Q30(iii)	Q30 (iv)
		•	•	

	Difficult	How difficult?	Age	Assistance / Device
a. Prepare own meals	<ol> <li>Difficult</li> <li>Not difficult [Go to b]</li> <li>Do not perform activity due to a non-health/physical reason [Go to b]</li> <li>Not sure [Go to b]</li> <li>Q30a_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure         <pre>Q30a_ii_How</pre> </li> </ol>	yrs old Q30a_iii_Age 999 DK 998 RF	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance</li> <li>(Specify:)</li> <li>No</li> <li>Not sure</li> <li>Q30a_iv_Assistance_1</li> <li>Q30a_iv_Assistance_2</li> <li>(Label 1 as Yes, human assistance and 2 as Yes, device assistance)</li> <li>Q30a_iv_Assistance_2_Specify</li> </ol>
b. Leave the home to purchase necessary items or medication	<ol> <li>Difficult</li> <li>Not difficult [Go to c]</li> <li>Do not perform activity due to a non-health/physical reason [Go to c]</li> <li>Not sure [Go to c]</li> <li>Q30b_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q30b_ii_How</li> </ol>	yrs old Q30b_iii_Age 999 DK 998 RF	1. Yes, human assistance 2. Yes, device assistance (Specify:) 3. No 4. Not sure Q30b_iv_Assistance_1 Q30b_iv_Assistance_2 Q30b_iv_Assistance_2_Sp ecify
c. Take care of financial matters such as paying utilities (electricity, water)	<ol> <li>Difficult</li> <li>Not difficult [Go to d]</li> <li>Do not perform activity due to a non-health/physical reason [Go to d]</li> <li>Not sure [Go to d]</li> <li>Q30c_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q30c_ii_How</li> </ol>	yrs old Q30c_iii_Age 999 DK 998 RF	1. Yes, human assistance 2. Yes, device assistance (Specify:) 3. No 4. Not sure Q30c_iv_Assistance_1 Q30c_iv_Assistance_2 Q30c_iv_Assistance_2_Sp ecify
d. Use the phone	<ol> <li>Difficult</li> <li>Not difficult [Go to e]</li> <li>Do not perform activity due to a non-health/physical reason [Go to e]</li> <li>Not sure [Go to e]</li> <li>Q30d_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q30d_ii_How</li> </ol>	yrs old Q30d_iii_Age 999 DK 998 RF	1. Yes, human assistance 2. Yes, device assistance (Specify:) 3. No 4. Not sure Q30d_iv_Assistance_1 Q30d_iv_Assistance_2 Q30d_iv_Assistance_2_Sp ecify
e. Dust, clean up and other light housework	<ol> <li>Difficult</li> <li>Not difficult [Go to f]</li> <li>Do not perform activity due to a non-health/physical reason [Go to f]</li> <li>Not sure [Go to f]</li> <li>Q30e_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q30e_ii_How</li> </ol>	yrs old Q30e_iii_Age 999 DK 998 RF	1. Yes, human assistance 2. Yes, device assistance (Specify:) 3. No 4. Not sure Q30e_iv_Assistance_1 Q30e_iv_Assistance_2 Q30e_iv_Assistance_2_Sp ecify
f. Take public transport to leave home	<ol> <li>Difficult</li> <li>Not difficult [Go to g]</li> <li>Do not perform activity due to a non-health/physical reason [Go to g]</li> <li>Not sure [Go to g]</li> <li>Q30f_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q30f_ii_How</li> </ol>	yrs old Q30f_iii_Age 999 DK 998 RF	1. Yes, human assistance 2. Yes, device assistance (Specify:) 3. No 4. Not sure Q30f_iv_Assistance_1 Q30f_iv_Assistance_2 Q30f_iv_Assistance_2_Sp ecify

g. Take medication as prescribed	<ol> <li>Difficult</li> <li>Not difficult [Go to Q31.1]</li> <li>Do not perform activity due to a non-health/physical reason [Go to Q31.1]</li> <li>Not sure [Go to Q31.1]</li> <li>Q30g_i_Difficult</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>Q30g_ii_How</li> </ol>	yrs old Q30g_iii_Age 999 DK 998 RF	1. Yes, human assistance 2. Yes, device assistance (Specify:) 3. No 4. Not sure Q30g_iv_Assistance_1 Q30g_iv_Assistance_2 Q30g_iv_Assistance_2_Sp ecify
----------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### iadldiff

#### (Problem in variable coding, category 4 of Q30\*\_i\_Difficult is not coded to 0)

(Created variable: Summary measure of IADL limitations (range 0-7). Higher score indicates higher number of IADL limitations. Score is based on the number of "Difficult" responses.)

#### iadldiff\_yesno

#### (Problem in variable coding, category 4 of Q30\*\_i\_Difficult is not coded to 0)

(Created variable: Summary measure of IADL limitations, dichotomized. This is based on the number of "Difficult" responses.)

0: No IADL limitations

1: At least one IADL limitation

# Q31.1 [Interviewer: If the respondent reported no difficulty in Q30, go to Q32] [SHOWCARD 24] Were any of Q31\_1 these difficulties due to any of the following conditions? If yes, which ones? [MA]

- 1 Yes, Please specify illness: \_
  - Q31\_1\_Yes\_1
  - Q31\_1\_Yes\_2
  - Q31\_1\_Yes\_3
  - Q31\_1\_Yes\_4
  - Q31\_1\_Yes\_5 Q31 1 Yes 6
  - Q31\_1\_Yes\_6 Q31\_1\_Yes\_7
  - Q31\_1\_Yes\_7 Q31\_1\_Yes\_8
  - Q31\_1\_Yes\_9
  - Q31\_1\_Yes\_10
  - Q31\_1\_Yes\_OthersSpecify

#### For Q31\_1\_Yes\_1 to Q31\_1\_Yes\_10, codes are as follows:

- 1 Heart attack, angina, myocardial infarction etc.
- 2 Other forms of heart disease
- 3 Cancer (excluding skin cancer)
- 4 Cerebrovascular disease (stroke etc.)
- 5 Dementia
- 6 High blood pressure
- 7 Diabetes
- 8 Respiratory illness (chronic, such as asthma)
- 9 Digestive illness (stomach of intestinal)
- 10 Renal / kidney or urinary tract ailments
- 11 Ailments of the liver or gallbladder
- 12 Arthritis, neuralgia or rheumatism
- 13 Chronic back pain
- 14 Osteoporosis
- 15 Fractures of the hip, thigh or pelvis / broken hip
- 16 Other fractures (specify)
- 17 Cataract
- 18 Glaucoma
- 19 Accident
- 20 Old age
- **21** Due to operation on leg(s)

- **Q31.2** *[Interviewer:* Only ask those who reported a need for human assistance for any of the activities in Q30]
- Q31 2 Who primarily helps you (subject) perform these activities?

_			
	1	1 No one	
		Live-in family member (Specify:) [Interviewer: Record the ID nu	mber from Q6.3.]
		Q31_2_2_Member_Specify_1	-
	2	2 Q31_2_2_Member_Specify_2	
	-	Q31_2_2_Member_Specify_3	
		Q31_2_2_Member_Specify_4	
		Q31_2_6_Other_Specify	
	3	3 Non co-resident family member	
	4	4 Housemaid / houseboy	
	5	5 Not sure	
	6	6 Other (Specify:)	

[Interviewer: If the respondent reported no difficulty in any of the items in Q28 and Q30 above, go to Q33.1]

Q32 Do these difficulties limit your (subject's) social interaction? Q32

- 1 Yes
- 2 No
- 3 Not sure

The next questions concern any pain experienced by you (subject).

# Q33.1 [SHOWCARD 25] Overall, in the last 30 days, how much of bodily aches or pains (in terms of intensity) did you (subject) have? Q33\_1

- 1 None [Go to Q34]
- 2 Mild
- 3 Moderate
- 4 Severe
- 5 Extreme / cannot function because of pain [Go to Q33.3]

#### Q33.2 [SHOWCARD 26] Did the pain affect your (subject's) daily activities? Q33\_2

- 1 Not at all
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 All the time

#### Q33.3 [SHOWCARD 27] In what parts of your (subject's) body did you (subject) feel pain? [MA] Q33\_3\_1, Q33\_3\_2, Q33\_3\_3, Q33\_3\_4, Q33\_3\_5, Q33\_3\_6, Q33\_3\_7, Q33\_3\_8, (Q33\_3\_9 – not labeled)

1	Head	13	Hands/Palm/Fingers (E.g cold fingers, numb fingers)
2	Neck	14	Foot/Feet/Toes
3	Shoulders	15	Legs/Lower legs/Calves (E.g swollen leg, broken leg, weak leg)
4	Joints of the hands / arms	16	Mouth/Tongue/Throat
5	Chest	19	Skin itchiness/Rash (on leg)

6	Abdomen	20	Wheelchair bound /bedridden/paralysed/stroke/coma/dementia
7	Back	25	Hips/Buttock
8	Lower back / waist	26	Nerves/Muscle pain
9	Joints of the legs / feet	27	Arm
10	Others (Specify: )	28	Teeth
11	Eyes	29	Whole body
12	Ears	999	Not sure

# **SECTION D: HEALTH BEHAVIOURS**

The next questions will be about your (subject's) height and weight. RESPONSE to Q34 and Q35 was NOT VALID, both questions have been deleted from the dataset. Please refer to variable M17 for height and M33 for weight.

#### The next few questions pertain to sleep.

#### Q36.1 On average, approximately how much do you (subject) sleep per night?

	hrs			min	999	Not sure
Q36_1_hrs		Q36_1_m	in			

#### sleepdur

(Created variable: Summary measure of sleep duration (in hours, combining both hours and minutes))

#### sleepdur\_rounded

(Created variable: Summary measure of sleep duration (in hours, combining both hours and minutes). *Note*: The values in this variable are rounded, where 6 hours = 5.5-6.4 hours, 7 hours = 6.5-7.4 hours, and so on.)

#### Q36.2 Do you take naps? How long do you (subject) nap?

			hrs			min	98	Don't nap	999	1	Not sure
	Q36_2_hrs			Q36_2_min							
	napcategor (Created var 0: Do not na 1: <30 minut 2: 30-60 minut 3: >60 minut	riable: Summ ip tes nutes	nary mea	asure of na	p duration	, in categ	jories)				
	nap_yesno (Created var 0: Do not na 1: Take naps	riable: Summ ıp	nary mea	asure of na	p duration	, dichotoi	mous)				
Q36.3	time, somet <i>[Interviewel</i>	do you feel r times, or rar r: If responde of the time	ely or n	ever? Q36	_ <mark>3</mark> do not asi	k this que		•	<b>uld you</b> DK	•	<b>most of the</b> RF

#### The next few questions pertain to personal habits.

Q37.1	Do y	ou (subject) currently	/ smoke?	Q37_1				
	1	Yes [Go to Q37.4]	2	No	3	Not s	sure	
Q37.2	In the	e past, have you (sub	ject) eve	r smoke	d? <mark>Q37_2</mark>			
	1	Yes	2	No <b>[Go t</b>	o Q38.1]	3	Not sure [Go to Q38.1]	l
	curre smok 1: Cu 2: Ex	ited variable: Summar ntly smoking. Ex-smok	er define	d as thos	e not curr	ently s	l. <i>Note</i> : Current smoker of smoking but smoked in the ver smoked in the past.)	ne past. Non-
Q37.3	[lf ev	er smoked, Q37.2 = 1 yrs (appr Q37_3_y	- oximately	/) 9	l you (su 99 DK 98 RF	bject)	quit smoking?	
Q37.4	[Inte	d the age at which the	hat the su subject fi oximately	bject has irst starte /)	quit smo	king in	ed smoking? In the past or does not sm	oke currently,
Q37.5		<i>.</i> ]	hat the su	bject smo	okes a pip	e, rec	ord the number of times	the subject smokes
Q38.1	How	often do you (subjec	t) drink a	Icohol?	Q38_1			
	1	days a month	Q38_1_1_	DaysaMo	nth			
	2	On festive seasons /		ccasions	(e.g. wed	dings,	birthday parties)	
	3	Do not drink <b>[Go to (</b>	239]					
Q38.2		ne days that you (sub ume? [MA] (Record t					much do you (subject) y)	normally
	0: Nc	(i) Type of drink	ζ.		(ii) A	Amour	nt Consumed	]
	1	Beer Q38_2_i_1			· · · · · · · · ·		<b>Q38_2_i_1_Cans</b> age can = 330 ml)	1
	2	Wine <b>Q38_2_i_2</b>				•	es Q38_2_i_2_Glasses	1
	3	Whisky Q38_2_i_3				Glass	es Q38_2_i_3_Glasses	1
	4	Other (Please specify	y:					]

(Please fill in the amount by glasses / etc.)

Q38\_2\_i\_4\_Fill\_in\_Amt

The next questions will focus on your (subject's) activities.

Q38\_2\_i\_4\_Others\_Specify

Q38\_2\_i\_4

# Q39 [SHOWCARD 28] How often do you (subject) do any of the following?

		Every day	Every week	Every month	Less than once a	Not at all	Not sure
<u>Socia</u>	al activities				month		
а	Attends RC / CC / CDC / neighbourhood event Q39a	1	2	3	4	5	9
b	Go out to eat Q39b	1	2	3	4	5	9
С	Attends church, synagogue, mosque or other place of worship Q39c	1	2	3	4	5	9
<u>Fitne</u>	<u>ss activities</u>						
d	Goes for a walk (for exercise purposes) Q39d	1	2	3	4	5	9
е	Plays a game of sport / exercise (e.g. Taiji, Qigong, swimming, keep fit or dancing class, etc.) Q39e	1	2	3	4	5	9

# Q40 On average, how many hours of television do you (subject) watch in one day? This includes watching TV while engaged in another activity, such as eating.

[Interviewer: In the event that the respondent gives a time-range, take the average time for the range as the answer. For example, a response of 1-2 hours becomes 1 hour 30 minutes.]

Hrs	Mins	<b>98</b>	Did not watch TV
Q40_hrs	Q40_mins	999	Not sure

# SECTION E: DENTAL HEALTH

Approx.

The next question pertains to your (subject's) ability to chew.

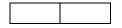
Q41 [SHOWCARD 29] The following foods are ordered from hardest to softest to chew. What is the
 Q41 HARDEST GROUP you (subject) are able to bite and chew? If you are using dentures, please respond as if you (subject) were eating with your (subject's) dentures. [SA]

- 1 Ikan Bilis in Nasi Lemak or shredded dry squid
- 2 Mutton curry, dry mango, or fresh carrots,
- 3 Bak-kwa, bread with crust not toasted, or kang kong steam boiled, chicken satay, or raw cucumber
- 4 Thai Rice, fried fish ball, or Wanton noodle
- 5 Bananas, ripe papaya, hard boiled egg
- **6** Unable to chew the foods listed in (5)
- 7 Not sure

The next few questions pertain to your (subject's) teeth.

Q42 How many original teeth do you (subject) have? Adults have 28 natural adult teeth (32 including wisdom teeth) and 0 for full dentures. Prosthetic teeth with roots should be included in the number. For bridges, the artificial tooth should not be counted; however, natural teeth acting as supports should be.

[Interviewer: Encourage the respondent to give a rough estimate if he or she first gives "not sure" as a response.]



natural teeth in total **Q42\_teeth** 

97 <20 teeth</li>98 >20 teeth999 Not sure

Do you (subject) have dentures?											
1	Yes										
2	No <b>[Go to Q44]</b>										
3	Not sure [Go to Q44]	l									
Do they fit well?											
1	Yes	2	No	3	Not sure						
Can you (subject) bite and chew well with them?											
1	Yes	2	No	3	Not sure						
	1 2 3 Do t 1 Can	<ol> <li>Yes</li> <li>No [Go to Q44]</li> <li>Not sure [Go to Q44]</li> <li>Do they fit well?</li> <li>Yes</li> <li>Can you (subject) bite and</li> </ol>	1       Yes         2       No [Go to Q44]         3       Not sure [Go to Q44]         Do they fit well?         1       Yes         2       Can you (subject) bite and chew	<ol> <li>Yes</li> <li>No [Go to Q44]</li> <li>Not sure [Go to Q44]</li> <li>Do they fit well?</li> <li>Yes</li> <li>Yes</li> <li>No</li> <li>Can you (subject) bite and chew well with them?</li> </ol>	1       Yes         2       No [Go to Q44]         3       Not sure [Go to Q44]         Do they fit well?         1       Yes       2       No       3         Can you (subject) bite and chew well with them?						

[Interviewer: If respondent is a proxy, please do not ask Q44 ~ Q47. Go to Q48]

# **SECTION F: COGNITION**

Q44 The next questions are about memory. Since there isn't much scientific information on how good the average person's memory is, many of our questions are designed to provide this basic information. The questions may seem unusual, but they are routine questions we ask of everyone. Some of the questions are very easy and some are difficult, so do not be surprised if you have trouble with some of them.

Now, we will ask you a series of 10 questions. Please try to answer these questions correctly and to the best of your knowledge.

	Questions	Response	Correct	Incorrect	Correct only when:
а	What is today's date? (including date, month and year) <mark>Q44a</mark>		1	2	The month, date and year are all correct
b	What is the day of the week? Q44b		1	2	The day is correct
С	What is the name of this place in Singapore? Q44c		1	2	Any of the description of the location is given: correct district, zone, street, name of the area, name of apartment complex, are all acceptable
d	What is your phone number? <mark>Q44d</mark> 8 RF 9 No phone		1	2	The number can be verified or the subject can repeat the same number at a later time in the interview
е	When were you born? Q44e		1	2	The month, date and year are correct
f	How old are you? Q44f		1	2	The stated age corresponds to the date of birth
g	Who is the current Prime Minister? Q44g		1	2	It is Lee Hsien Loong. Requires the full name to be mentioned.
h	Who was the Prime Minister before him? Q44h		1	2	It is Goh Chok Tong. Requires the full name to be mentioned.
i	What was your mother's maiden name? Q44i		1	2	Needs no verification.
j	Please count backward from 20 by 3's? Q44j		1	2	The entire series must be performed correctly to be scored as correct. Any error in the series - or an unwillingness to attempt the series- is scored as incorrect

#### spmsq

SPMSQ score uncorrected for interviewer error PLEASE DO NOT USE

#### spm\_corr

#### PLEASE USE THIS VARIABLE INSTEAD of spmsq

(Created variable: Summary measure of cognitive impairment, a corrected score. Some individuals have a some of less than zero due to adjustments made for interviewer error. Please set scores less than zero to zero before using this variable for analysis.)

Reference: Malhotra, R., Haaland, B. A., Chei, C. L., Chan, A., Malhotra, C., & Matchar, D. B. (2015). Presence of and correction for interviewer error on an instrument assessing cognitive function of older adults. *Geriatrics & gerontology international*, 15(3), 372-380.

#### cogncat\_corr

(Created variable: Summary measure of cognitive impairment, in categories. *Note*: This is created using the corrected score. See reference above.)

- 1: Intellectually intact
- 2: Mildly impaired
- 3: Moderately impaired
- 4: Severely impaired

# SECTION G: CES – D SCALE

Q45 The next questions are on your psychological state and ways that you cope emotionally on a daily basis. These are questions commonly used in surveys, and it is important that we receive your answers on all of the questions for comparative purposes. We ask that you bear with us and thank you for your cooperation.

# [SHOWCARD 30] During the past week, to what extent has the following (a $\sim$ I) been true for you?

**[Interviewer**: Should respondent have any query, you may explain as such: There may be some questions for which you have no answer or which seem the same as another question, but the same questions are used internationally in studies and tests. We ask for your full cooperation.]

			None / Rarely	Sometimes	Often	No comment
Q45a	а	My appetite was poor	0	1	2	9
Q45b	b	I felt depressed	0	1	2	9
Q45c	С	I felt that everything I did was an effort	0	1	2	9
Q45d	d	My sleep was restless	0	1	2	9
Q45e	е	I felt happy	0	1	2	9
Q45f	f	I felt lonely	0	1	2	9
Q45g	g	I felt people were unfriendly	0	1	2	9
Q45h	h	l enjoyed life	0	1	2	9
Q45i	i	I felt sad	0	1	2	9
Q45j	j	I felt that people disliked me	0	1	2	9
Q45k	k	I could not get "going"	0	1	2	9
Q45I	1	I felt hopeful about the future	0	1	2	9

#### cesd

(Created variable: Summary measure of depressive symptoms, continuous, using the first 11 items i.e. Q45a to Q45k: 11-item CES-D. NOTE: Q45I is NOT used)

Reference: Kohout, F. J., Berkman, L. F., Evans, D. A., & Cornoni-Huntley, J. (1993). Two shorter forms of the CES-D depression symptoms index. *Journal of aging and health*, 5(2), 179-193.

#### cesd\_yesno

(Created variable: Summary measure of depressive symptoms, dichotomized, using the first 11 items i.e. Q45a to Q45k: 11-item CES-D. NOTE: Q45I is NOT used)

- **0**: Score of less than 7 (symptoms not clinically relevant)
- 1: Score of 7 and above (symptoms clinically relevant)

Reference: Malhotra, C., Chan, A., Malhotra, R., & Østbye, T. (2011). Fifteen dimensions of health among community-dwelling older Singaporeans. *Current gerontology and geriatrics research*, 2011.

# **Q46** [SHOWCARD 31] How strongly do you agree or disagree with the following statements:

			Strongly Disagree	Disagree	Agree	Strongly Agree	Don't Know
Q46a	а	I have little control over the things that happen to me	1	2	3	4	9
Q46b	b	There is really no way I can resolve some of the problems I have	1	2	3	4	9
Q46c	С	There is little I can do to change many of the important things in my life	1	2	3	4	9
Q46d	d	l often feel helpless in dealing with the problems in life	1	2	3	4	9
Q46e	е	Sometimes I feel that I'm being pushed around in life	1	2	3	4	9

#### mastery

(Created variable: Summary measure of personal mastery, continuous.)

Reference: Pearlin, L. I., & Schooler, C. (1978). The structure of coping. *Journal of health and social behavior*, 2-21.

# SECTION H: INCOME AND ASSETS

- Q47 Now think about your family when you were growing up, from birth to age 16. Would you say your family during that time was pretty well off financially, about average, or poor?
- Q471Pretty well off2Average3Poor
  - 9 Don't know
- Q48 [SHOWCARD 32] What is your (subject's) largest source of funds? Please select from the following the 3 main sources indicating their order of importance.

First source	Q48_First_Source
Second source	Q48_Second_Source
Third source	Q48_Third_Source

#### (For internal coding only)

- 1 Income from work
- 2 Pension
- 3 Central Provident Fund
- 4 Savings, life insurance, bonds, stock
- 5 Financial support from children, grandchildren or relatives
- 6 Income in the form of rent from selfowned condominiums or real-estate
- 7 Income from family business

- Public assistance / Short-term financial assistance from Community Development Councils (CDC)
   Other (Discourse)
- 9 Other (Please specify:
- 10 Not sure
- 11 Financial support from spouse
- 12 Financial support from religion groups
- **13** Financial support from friends

# Q49 [SHOWCARD 33] What is the total monthly income of this household (from all sources includes drawing down from savings)? Q49

- 1 Less than \$500
- 2 \$500-\$999
- 3 \$1000-\$1999
- 4 \$2000-\$2999
- 5 \$3000-\$3999
- \$4000-\$4999 6
- 7 \$5000 and above
- 8 Refused
- 9 Don't know
- 98 None

#### Q50 [SHOWCARD 34] Do you feel that you have adequate income to meet your expenses per month? Q50

- 1 Enough money, with some left over
- 2 Just enough money, no difficulty
- 3 Some difficulty to meet expenses
- 4 Much difficulty to meet expenses
- 9 Don't know

# **SECTION I: VIGNETTES FOR PAIN**

Q51 Next I will outline the state of health of a number of people. All of them are different from yourself but please assume that their age, sex and position are similar to your own. After listening to the state of health described for each person, imagine you are that person and answer how you would feel.

[SHOWCARD 35] Overall, in the last 30 days how much of bodily aches or pains did \_\_\_\_\_ have? None Mild Moderate Severe Extreme / RE -----...

Vigr	nettes	None	Mild	Moderate	Severe	Extreme / Cannot function because of pain	RF	Don't Understa nd / Cannot answer
A	Uncle Ong has pain in his knees, elbows, wrists and fingers, and the pain is present almost all the time. It gets worse during the first half of the day. Although medication helps, he feels uncomfortable when moving around, holding and lifting things. <b>Q51a</b>	1	2	3	4	5	8	9
b	Aunty Tan cannot remember when she last felt pain as this has not happened for the last several years now. She does not experience any pain even after hard physical labor or exercise. <b>Q51b</b>	1	2	3	4	5	8	9

С	Ah Hock has pain in the neck radiating to the arms that is not relieved by any medicines or other treatment. The pain is sharp at all times and keeps him awake most of the night. During the day the pain has made him completely incapacitated. It has necessitated complete confinement to the bed and often makes him think of ending his life. Q51c	1	2	3	4	5	8	9
d	Aunty Lily has a headache once a month that is relieved one hour after taking a pill. During the headache she can carry on with her day to day affairs. <b>Q51d</b>	1	2	3	4	5	8	9
e	Ah Huay has pain that radiates down her right arm and wrist during her day at work. This is slightly relieved in the evenings when she is no longer doing her desk work. Q51e	1	2	3	4	5	8	9

# Thank you very much for your cooperation!

[Interviewer: If you don't mind, we would like to take down your telephone number. There didn't seem to be any problems during this interview, but you may receive a phone call to confirm that you were not troubled in any way during this interview. I assure you this phone call will not be troublesome in any way.]

# POST INTERVIEW: OBSERVATIONS OF THE INTERVIEWER

[Interviewer: Please fill in the following questions based on your observations during the interview.]

#### I1 Select one from below that best describes the interview: I1

- 1 Responses given by subject [Go to I2 I4]
- 2 Responses given by subject who required the assistance of a third party [Go to I5 & I6]
- 3 Responses given by a proxy [Go to I7]

# I2 During the survey, was there someone either present in the room or in a room nearby who could hear the contents of the interview? I2

- 1 Yes, during most of the interview
- 2 Yes, during half of the interview
- 3 Yes, at times during the interview
- 4 For the most part, no 3rd party was present to hear [Go to I7]

#### IS If there was someone present, what was his or her relationship to the subject? [MA] I3\_1, I3\_2, I3\_3, I3\_4, I3\_5, I3\_6, I3\_7

1	Spouse	4	Daughter-in-law	7	Other relative
2	Son	5	Son-in-law	8	Neighbour
3	Daughter	6	Grandchild	9	Other (Please explain: <mark>I3_9_Explain</mark> )

#### I4 To what extent did this third party influence the subject's responses? I4

- 1 Would correct the subject's responses or prevent the subject from giving his or her own responses
- 2 Listened to the interview, but did not interrupt verbally
- 3 Hardly paid any attention to the interview
- 4 Didn't seem to have any effect on the subject's responses

# [Go to I7]

15

# If there was someone assisting the subject, what was his or her relationship to the subject? [MA]I5\_1, I5\_2, I5\_31234Daughter-in-law7Other relative

- 2 Son 5 Son-in-law 8 Neighbour
  - 3 Daughter 6 Grandchild 9 Other
    - (Please explain: 15 9 Explain)

#### I6 Why was someone needed to assist the subject? [MA] I6\_1, I6\_2, I6\_3, I6\_4, I6\_5, I6\_6

- 1 The subject has been hospitalized
- 2 The subject has been moved to an institution for health reasons (including physical or psychological).
- 3 The subject has been moved to an institution for reasons other than health (e.g. subject has been incarcerated for a traffic violation or otherwise).
- 4 The subject has difficulties hearing (the subject is hearing impaired, etc.).
- 5 The subject has difficulties speaking (the subject is experiencing verbal difficulties).
- 6 The subject has experienced memory loss, confusion or loss of consciousness, etc.
- 7 The subject is experiencing dementia.
- 8 The subject is experiencing some other form of psychological disorder.

- 9 The subject has a physical illness or disability.
- 10 The subject cannot respond for other reasons unrelated to health. (Please explain: \_\_\_\_\_) 16\_10\_Explain

I7 The following concerns your impression of the subject / proxy. (This includes subjects responding for themselves, with the assistance of a third party or by proxy.) I7

					Yes	Somewhat	Not really	No	Not sure
I7a	а	Did you feel that the subject/proxy was mentally competent enough to provide adequate responses?		1	2	3	4	5	
l7b	b	Did you feel that the subject's/proxy's responses were largely accurate?			1	2	3	4	5
l7c	С	Did you feel that the understood the ques		/proxy	1	2	3	4	5
l7d	d	Did you feel that the subject/proxy was responsive to and enjoyed the interview?		1	2	3	4	5	
18	Hov	v tired did the subjec	/ prox	y appear aft	er the	interview? 18			
	1	Very	2	Somewha		3 Not a	at all		
19		you experience trouk he subject? <mark>I9</mark>	ole inte	rviewing the	e subje	ct / proxy due	e to hearing o	difficultio	es on the part
	1	Yes	2	No <b>[Go to</b>	o I11]	3 Not :	sure <b>[Go to I</b> 1	11]	
110	Do	you feel the subject's	/ proxy	y's hearing	difficul	ties adversely	y affected the	e survey	? <mark> 10</mark>
	1	Yes	2	No					
111	Plea	ase record the langua	ge use	d to conduc	ct the s	urvey [MA]:			
	111_ 1	n English	3	Malay <mark>I11</mark>	_3		ers (Please sp Dthers_Specif		)
	2	Mandarin I11_2	4	Tamil					
112	Please record down which questions the respondent found difficult to understand and answer. I12_1, I12_2, I12_3, I12_4, I12_5, I12_6, I12_7, I12_8, I12_9, I12_10 Question No.:								
113	lf sı	ubject did not take the	e meas	urements, p	lease i	ecord down t	he reason(s)	: 113_1,	113_2, 113_3
	1	Subject was bed-ride	len						
	2	Subject is not interes	sted						
	3	Subject has no time	and car	nnot be revis	ited du	ring survey pe	riod		
	4	Subject does not thin	nk it is s	afe					
	5	Others (pls specify r I13_5_Others_Specify		s):					)

# Panel on Health and Aging of Singaporean Elderly (PHASE) – Wave 1

# a.k.a Social Isolation, Health and Lifestyles Survey 2009

# **Anthropometric Measurement Sheet**

<b>MeasurementTaken:</b> At least one anthropod (1 = Taken 2 = Not taken)	metric measurement done							
CASE NO.: NAME	OF RESPONDENT:							
Fill in the following information after you have completed the questionnaire.								
INTERVIEWER:	DATE OF INTERVIEW:							
TIME STARTED:	TIME ENDED:							
TOTAL TIME TAKEN FOR MEASUREMENT:		MINUTES						
(Please include time used by the subject to a	ttend to personal affairs or to	rest.)						
	INTRODUCTION							

Next, we would like to better understand certain aspects related to the health and physical status of persons your age. For this reason, we are going to take 5 different physical measurements, which involve gripping an object with your hands and having your blood pressure, height, weight, and waist measurements taken. If you have any questions now or later, please don't hesitate to ask.

**[Interviewer:** Before beginning the physical measurements, you must have a signed consent form from the Respondent. Subjects must be eligible for at least 3 of the 5 measurements before proceeding (e.g. subject should at least be able to sit upright).]

# SECTION A: BLOOD PRESSURE

Equipment needed: Omron HEM-780N Monitor, Batteries, Stop Watch

Now let's talk about the first activity. I'd like to measure your blood pressure using this monitor and cuff which I will secure around your left arm. I would like to take three blood pressure measures. I will ask you to relax and remain seated and quiet during the measurements. First, I will place the cuff on your left arm. Once the cuff is placed appropriately on your arm and we are ready to begin, I'll ask you to lay your arm on a flat surface palm facing up so that the center of your upper arm is at the same height as your heart. I will then press the Start button. The cuff will inflate and deflate automatically. After we have completed all three measures, I will give you your results.

#### [Interviewer: Demonstrate the test.]

- Q1 Do you have a rash, a cast, edema (swelling) in the arm, open sores or wounds, or a significant bruise where the blood pressure cuff will be in contact? M1
  - 1 Yes [Do not complete this measure, record the reasons in Q4 and Go to Section B]
  - 2 No
- Q2 Do you understand the directions for this test? M2
  - 1 Yes
  - 2 No
- Q3 Do you feel it would be safe for you to do this test? M3
  - 1 Yes
  - 2 No [Do not complete this measure, record the reasons in Q4 and Go to Section B]
- Q4 Record why the respondent did not complete the blood pressure measurement [MA]:

M4\_1, M4\_2, M4\_3

- 1 Respondent felt it would not be safe
- 2 Interviewer felt it would not be safe

- 3 Respondent refused or was not willing to complete the test
- 4 Respondent tried but was unable to complete test
- 5 Respondent did not understand the instructions
- 6 Respondent had a rash, a cast, edema, open sores or wounds, or significant bruise where the blood pressure cuff would contact Respondent's arm
- 7 Other (Specify:

) M4\_7\_Specify

# **INSTRUCTIONS FOR ADMINISTERING BLOOD PRESSURE TEST:**

- a) Insert arm cuff plug into jack on the side of the monitor.
- b) Instruct Respondent to remove bulky clothing from upper left arm.
- c) Instruct Respondent to sit upright in a chair with his/her feet flat on the floor and place his/her upper arm on a table.
- Place the cuff on the Respondent's left arm approximately 1/2" above the elbow. Position the blue marker d) over the brachial artery on the inside of the arm.
- Press the sewn hook material firmly against the side of the cuff. [The cuff should make direct contact with e) the Respondent's skin]. The Respondent should easily be able to fit his/her index finger between the cuff and the arm.
- Instruct the Respondent to rest his/her arm comfortably on a support (like a table) with palm facing upward f) so the cuff is at the same level as the heart.
- Press the START/STOP button and instruct the Respondent to remain still. When the ♥ symbol appears on g) the display, press the START button. The cuff will begin to inflate automatically. Numbers will appear on the display and the ♥ symbol will blink.
- The cuff will then automatically deflate. The monitor will first display the SYSTOLIC and DIASTOLIC h) readings. RECORD time of reading and both SYSTOLIC and DIASTOLIC readings in chart below. Record the pulse identified by the letter P.
- Press the START/STOP button to repeat the measure. The cuff does not need to be removed or loosened i) in between readings. If you receive an error message, remove cuff, reposition and try again.
- j) Allow approximately 45 seconds to 1 minute between readings and repeat steps  $e \sim i$  two more times.

₹5	Measur Time of Reading ement		Systolic Reading (High)	Diastolic Reading (Low)	Pulse	
		: am / pm	mmHg	mmHg	Р	
	1 <sup>st</sup>	M5_1st_Reading_Time	M5_1st_Systolic_Reading	M5_1st_Diastolic_Reading	M5_1st_Pulse	
		:am / pm	mmHg	mmHg	Р	
	2 <sup>nd</sup>	M5_2nd_Reading_Time	M5_2nd_Systolic_Reading	M5_2nd_Diastolic_Reading	M5_2nd_Pulse	
		:am / pm	mmHg	mmHg	Р	
	3 <sup>rd</sup>	M5_3rd_Reading_Time	M5_3rd_Systolic_Reading	M5_3rd_Diastolic_Reading	M5_3rd_Pulse	

to in closed 1 [Int

### hypertension yesno

(Created variable: Summary measure of hypertension, dichotomous. Note: Hypertension taken as systolic  $\geq$  140 mm Hg and/or diastolic  $\geq$  90 mm Hg (mean of 3 measures), or use of antihypertensive medication – as indicated in Q25f iii Medication). Only apply to those with blood pressure measurements.

0: No hypertension

1: Presence of hypertension

2 Right arm M6 Rightarm Reasons

#### Q7 Record how compliant the Respondent was during this measurement: M7

- 1 Respondent was fully compliant
- 2 Respondent was prevented from fully complying due to illness, pain, or other symptoms or discomforts
- 3 Respondent was not fully compliant, but no obvious reason for this

Q8	Record what the Respondent's position was for this test: M8							
	1	Standing	2	Sitting	3	Lying down		
Q9		cord whether the Respondent s nutes prior to completing the bl		ed, exercised, consumed alcoho pressure test: M9	ol or f	ood within the 30		

1 Yes 2 No 3 Don't know

# **SECTION B: SITTING & STANDING HEIGHT**

Equipment needed: Tape measure, Rafter's square, Self-adhesive note, Pencil

Next, I would like to measure your sitting and standing height. To complete this measurement, I'll be asking you to sit on a wooden chair/stool/box positioned near a wall or on the floor near a wall. I'll ask you to sit erect facing forward with the head level, the shoulders and upper arms relaxed, and forearms and hands extended forward horizontally with the palms facing each other. The thighs should be parallel, and the knees should be flexed 90° with the feet in line with the thighs. I will then place this rafter's square on top of your head and mark your height on this post-it note. Next I'll be asking you to take off your shoes and stand up against a wall. I will then place this rafter's square on top of your head and mark your height on this post-it note.

Q10 [Interviewer: Ask if necessary only]

Before we begin, do you feel you are able to stand while we do this measurement? M10

- 1 Yes
- 2 No [Do not complete standing height measurement, but proceed for sitting height]
- Q11 Do you understand the directions for this measurement? M11
  - 1 Yes
  - 2 No
- Q12 Do you feel it would be safe for you to do this test? M12
  - 1 Yes
  - 2 No [Do not complete this measure, record this reason in Q12, and Go to Section C]
- Q13 Record why the Respondent's height was not measured:

#### M13\_1, M13\_2, M13\_3

- 1 Respondent felt it would not be safe
- 2 Interviewer felt it would not be safe
- 3 Respondent refused or was not willing to complete the measurement
- 4 Respondent tried but was unable to complete measurement
- 5 Respondent did not understand the instructions
- 6 Respondent too tall, interviewer could not reach
- 7 There was no suitable space available
- 8 Other (Specify): \_\_\_

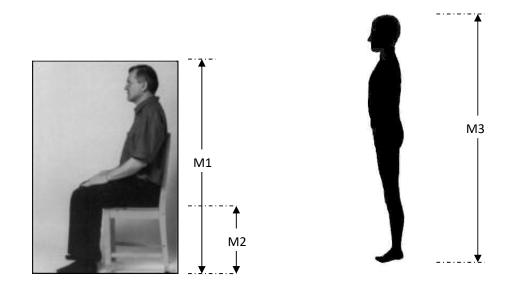
\_\_\_\_\_ M13\_8\_Specify

# INSTRUCTIONS FOR MEASURING SITTING HEIGHT

- a) Ask Respondent to sit on a flat chair, box, and stool or on the floor. The chair should preferably not be cushioned.
- b) Make sure Respondent is sitting up as straight and comfortable as possible facing forward with the head level, the shoulders and upper arms relaxed, and forearms and hands extended forward horizontally. The thighs are parallel, and the knees are flexed 90° (if sitting on an elevated surface) with the feet in line with the thighs.
- c) Place a self-adhesive note on the wall near the top of the Respondent's head.
- d) Position your rafter's square against the wall directly over the Respondent's head. It should be parallel to the floor, resting on the Respondent's head but not pressing on it.
- e) Make a mark on the self-adhesive note at the bottom of the rafter's square.
- f) Now, position your rafter's square to make a similar mark for the sitting surface. If the sitting surface is cushioned, then position your rafter's square to make a mark near the middle of the cushion.
- g) Measure the vertical distance between the top of the head and the floor (Measurement 1).
- h) Measure the vertical distance between the sitting surface and the floor with the measuring tape (Measurement 2).
- i) Record Respondent's height in **cm** on self-adhesive note on the wall and remove it from the wall.

# INSTRUCTIONS FOR MEASURING STANDING HEIGHT

- a) Ask Respondent for location to conduct measurement.
- b) Make sure Respondent is standing up as straight and comfortable as possible with his/her heels and shoulders as close to the wall as comfortable.
- c) Place a self-adhesive note on the wall near the top of the Respondent's head.
- d) Position your rafter's square against the wall directly over the Respondent's head. It should be parallel to the floor, resting on the Respondent's head but not pressing on it.
- e) Make a mark on the self-adhesive note at the bottom of the rafter's square.
- f) Ask the Respondent to move away from the wall.
- g) Position the tape measure under a door jam, floor molding or your foot and measure from the floor to the mark on the self-adhesive note.
- h) Record Respondent's height in **cm** on self-adhesive note on the wall and remove it from the wall. (Measurement 3)



[Interviewer: Record measurement in chart to nearest 0.1cm (example: record 140.5 cm)]

Q14	Measurement 1 (M1)	Height		
M14	Distance from top of head to the floor (Sitting position)	cm		

Q15	Measurement 2 (M2)	Height
M15	Distance from sitting surface to the floor	cm

# Q16 Record Sitting Height (Sitting Height = Measurement 1 – Measurement 2):

cm

### M16

Q17 M17	Measurement 3 (M3)	Standing Height
	Distance from top of head to the floor (Standing position)	cm

# Q18 Record what the Respondent was sitting on: M18

- 1 Floor
- 2 Chair without cushion
- 3 Cushioned chair
- 4 Stool
- 5 Box
- 6 Other (Please specify:\_\_\_\_\_) M18\_6\_Specify

# Q19 Record the type of floor surface: M19

- 1 Linoleum / wood / ceramic / marble
- 2 Low-pile carpet

- 3 High-pile carpet
- 4 Concrete
- 5 Not sure
- 6 Other (Specify): \_\_\_\_\_\_ M19\_6\_Specify

Q20 Record if Respondent was wearing shoes during the measurement: M20

1 Yes 2 No

### Q21 Record how compliant the Respondent was during this measurement: M21

- 1 Respondent was fully compliant
- 2 Respondent was prevented from fully complying due to illness, pain, or other symptoms or discomforts
- 3 Respondent was not fully compliant, but no obvious reason for this

# **SECTION C: WAIST**

#### Equipment needed: Soft Tape measure

Next I'm going to ask you to perform a simple measurement of your waist circumference. For this measurement it is important for you to be standing. I will ask you to identify where on your body your navel (belly button) is located. I will then ask you to place this cloth measuring tape around your waist, over your clothing, holding it securely at the level of your navel. Once the tape measure is placed appropriately around your waist then we are ready to begin. I will ask you to take a normal breath and exhale, holding your breath at the end of the exhale. I will then record the measurement.

[Interviewer: Demonstrate the measurement.]

- Q22 Do you understand the directions for this measurement? M22
  - 1 Yes 2 No
- Q23 Do you feel it would be safe for you to do this test? M23
  - 1 Yes
  - 2 No [Do not complete this measure, record this reason in Q24, and Go to Section D]
- **Q24** Record why the Respondent's waist was not measured:

### M24\_1, M24\_2, M24\_3

- 1 Respondent felt it would not be safe
- 2 Interviewer felt it would not be safe
- 3 Respondent refused or was not willing to complete the measurement
- 4 Respondent tried but was unable to complete measurement
- 5 Respondent did not understand the instructions
- 6 Respondent is not able to stand
- 7 Other (Specify): \_\_\_\_\_\_ M24\_7\_Specify

# INSTRUCTIONS FOR MEASURING WAIST CIRCUMFERENCE

- a) Instruct Respondent to remove bulky clothing.
- b) Respondent should be in the standing position and measuring tape should be applied over the clothing around the waist at the level of the navel.
- c) Ask Respondent to point to his/her navel.
- d) Instruct Respondent to place the tape around his/her waist at the level of the navel. The Respondent should hold tape in place at the navel. The tape should be snug but not tight. If the Respondent is not able to put the tape around his/her waist, you may have them hold one end of the tape measure at their navel, and walk around the Respondent with the other end.
- e) Check that the tape is horizontal all away around the Respondent.
- f) Instruct Respondent to take a normal breath and exhale holding breath at end of exhale.
- g) Read the measurement on the tape after the Respondent exhales. Record measurement to nearest **0.1cm** in the chart below (e.g. 30.1 cm).

#### [Interviewer: Record measurements in chart.]

Q25	Measurement	Waist Measurement
M25		
	1 <sup>st</sup>	cm

# ab\_obesity

(Created variable: Summary measure of abdominal obesity, dichotomous. *Note*: Abdominal obesity cut off is gender specific, based on Asia-Pacific guidelines. For males, cut off is  $\ge$  90.0. For females, cut off is  $\ge$  80.0)

0: No obesity

1: Presence of obesity

Reference: http://www.wpro.who.int/nutrition/documents/docs/Redefiningobesity.pdf

### Q26 Record the difficulties that occurred during this measurement [MA]:

# M26\_1, M26\_2, M26\_3, M26\_4

- 1 None
- 2 Respondent had breathing difficulties
- 3 Respondent was unable to hold breath at the end of the exhale
- 4 Respondent was prevented from giving full effort by illness, pain, or other symptoms or discomforts
- 5 Respondent did not appear to give full effort, but no obvious reason for this
- 6 Others (Specify): \_\_\_\_\_ M26\_6\_Specify

# Q27 Record how compliant the Respondent was during this measurement: M27

- 1 Respondent was fully compliant
- 2 Respondent was prevented from fully complying due to illness, pain, or other symptoms or discomforts
- 3 Respondent was not fully compliant, but no obvious reason for this

### Q28 Record who completed the measurement: M28

- 1 Respondent completed the measurement
- 2 Interviewer completed the measurement

### Q29 Record whether the Respondent wore bulky clothing during this measurement: M29

- 1 Yes
- 2 No

# **SECTION D: WEIGHT**

### Equipment needed: Scale

Now, I'd like to measure your weight. To measure your weight, I will ask you to stand on this scale, with your shoes off, while I read the display.

- Q30 Do you understand the directions for this measurement? M30
  - 1 Yes 2 No
- Q31 Do you feel it would be safe for you to do this test? M31
  - 1 Yes
  - 2 No [Do not complete this measure, record this reason in Q32, and Go to Section E]
- Q32 Record why the Respondent's weight was not measured:

# M32\_1, M32\_2, M32\_3

- 1 Respondent felt it would not be safe
- 2 Interviewer felt it would not be safe
- 3 Respondent refused or was not willing to complete the measurement
- 4 Respondent tried but was unable to complete measurement
- 5 Respondent did not understand the instructions
- 6 Respondent is not able to stand
- 7 Other (Specify): \_\_\_\_\_

M32\_7\_Specify

# **INSTRUCTIONS FOR MEASURING WEIGHT**

- a) Ask Respondent for location to conduct measurement a hard-surface floor or thin pile carpet.
- b) Make sure Respondent's shoes are off or ask him/her to remove shoes.
- c) Ask Respondent to remove heavy objects from pockets and/or heavy sweaters as needed.
- d) Position scale so you can see display while Respondent is standing on it.
- e) Turn scale on, tap middle of scale with foot, and wait for 000.0 to appear.
- f) Ask Respondent to stand on scale.
- g) Record Respondent's weight (to the nearest 0.1 kg).
- h) Respondent can sit down and put shoes back on.

### [Interviewer: Record measurements in chart.]

Q33	Measurement	Weight
M33		
	1 <sup>st</sup>	kg

bmi

(Created variable: Summary measure of BMI, continuous. *Note*: BMI = weight in kg/(height in metres)<sup>2</sup>)

# bmi\_whodetailed

(Created variable: Summary measure of BMI according to WHO detailed classification, categorical)

- 1: Severe thinness (BMI < 16.0)
- 2: Moderate thinness (BMI = 16-16.9)
- **3**: Underweight (BMI = 17-18.4)
- **4**: Normal weight (BMI = 18.5 24.9)
- **5**: Pre-obese (BMI = 25.0-29.9)
- 6: Obese Class I (BMI = 30.0-34.9)
- 7: Obese Class II (BMI = 35.0-39.9)
- 8: Obese Class III (BMI ≥ 40.0)

Reference: http://apps.who.int/bmi/index.jsp?introPage=intro 3.html

# bmi\_whosimple

(Created variable: Summary measure of BMI according to WHO simple classification, categorical)

- 1: Underweight (BMI <18.5)
- 2: Normal weight (BMI = 18.5 24.9)
- **3**: Pre-obese (BMI = 25.0-29.9)
- 4: Obese (BMI ≥ 30.0)

Reference: <u>http://apps.who.int/bmi/index.jsp?introPage=intro\_3.html</u>

# bmi\_asian

(Created variable: Summary measure of BMI according to WHO Asian classification, categorical) 1: Underweight (BMI <18.5)

- 2: Normal weight (BMI = 18.5 22.9)
- 3: Pre-obese (BMI = 23.0-27.4)
- 4: Obese (BMI ≥ 27.5)

Reference: http://www.who.int/nutrition/publications/bmi asia strategies.pdf

### Q34 Record the type of floor surface: M34

- 1 Linoleum / wood / ceramic / marble 4 Concrete
- 2 Low-pile carpet 5 Not sure
- 3
   High-pile carpet
   6
   Other (Specify): \_\_\_\_\_\_\_

### Q35 Record if Respondent was wearing shoes during the measurement: M35

1 Yes 2 No

### Q36 Record how compliant the Respondent was during this measurement: M36

- 1 Respondent was fully compliant
- 2 Respondent was prevented from fully complying due to illness, pain, or other symptoms or discomforts
- 3 Respondent was not fully compliant, but no obvious reason for this

# SECTION E: HAND STRENGTH

Equipment needed: Dynamometer

Now I would like to assess the strength of your hand in a gripping action. I will ask you to squeeze this handle as hard as you can, just for a couple of seconds and then let go. I will take alternately two measurements from your right and your left hands.

[Interviewer: Demonstrate the test.]

Q37 Before we begin, I'd like to make sure it is safe for you to do this test. Have you had surgery or experienced any swelling, inflammation, severe pain, paralysis or injury in one or both hands within the last 6 months? M37

1 Yes 2 No [Go to Q39]

- Q38 In which hand (have you had surgery or experienced any swelling, inflammation, severe pain, paralysis or injury in the last 6 months)? M38
  - 1 Both hands [Do not complete this measure, record this reason in Q41, and end survey]
  - 2 Left hand only [Do not perform test on left hand]
  - 3 Right hand only [Do not perform test on right hand]
- Q39 Do you understand the directions for this test? M39
  - 1 Yes
  - 2 No
- Q40 Do you feel it would be safe for you to do this test? M40
  - 1 Yes
  - 2 No [Do not complete this measure, record this reason in Q41, and end survey]

### Q41 Record why the Respondent did not complete the hand strength test:

### M41\_1, M41\_2, M41\_3, M41\_4

- 1 Respondent felt it would not be safe
- 2 Interviewer felt it would not be safe
- 3 Respondent refused or was not willing to complete the test
- 4 Respondent tried but was unable to complete test
- 5 Respondent did not understand the instructions
- 6 Respondent had surgery, injury, swelling, inflammation or severe pain on both hands
- 7 Other (Specify):

M41\_7\_Specify

# INSTRUCTIONS FOR ADMINISTERING THE HAND STRENGTH TEST

- a) Suggest Respondent removes rings or other hand jewellery.
- b) Position the Respondent correctly, standing with arm at side.
- c) Adjust dynamometer to hand size by adjusting the knob.
- d) Reset arrow at zero.
- e) Explain the procedure once again.
- f) Let Respondent have a practice with their dominant hand.
- g) Reset the marker and repeat for a total of two tries.
- h) Record measurements to the nearest 0.5 kilogram in the table below. (e.g., 10.5kg)

### Q42 Which hand do you normally use? M42

- 1 Right hand
- 2 Left hand

#### 3 Both hands equally dominant

#### [Interviewer: Record measurements in chart.]

Q43	Measurement	Left Hand	Right Hand
	1st	:kg	:kg
		M43_1st_Left_Hand	M43_1st_Right_Hand
	2nd	:kg	:kg
		M43_2nd_Left_Hand	M43_2nd_Right_Hand

### hgs\_dom\_highest

(Created variable: Highest recorded value of dominant hand grip strength, continuous.)

### hgs\_dom\_mean

(Created variable: Mean value of dominant hand grip strength, continuous.)

### hgs\_nondom\_highest

(Created variable: Highest recorded value of non-dominant hand grip strength, continuous.)

### hgs\_nondom\_mean

(Created variable: Mean value of non-dominant hand grip strength, continuous.)

NOTE: Hand dominance was based on the response in variable M42. If the respondent indicated "3 – Both hands equally dominant", the higher of the two values was used.

### Q44 Record how much effort the Respondent gave to this test: M44

- 1 Respondent gave full effort
- 2 Respondent was prevented from giving full effort by illness, pain, or other symptoms or discomforts
- 3 Respondent did not appear to give full effort, but no obvious reason for this

### Q45 Record what the Respondent's position was for this test: M45

1 Standing 2 Sitting 3 Lying down

Q46 Record whether the Respondent rested his / her arm on a support while performing the test: M46

No

1 Yes 2

### Variables with information about the interviewers

Interviewer\_Code Interviewer ID

# Panel on Health and Aging of Singaporean Elderly (PHASE) - Wave 2

# a.k.a Panel on Health and Aging of Singaporean Elderly (PHASE) 2011

# NOTE:

# VARIABLE NAMES, as they appear in the dataset are in RED font RESPONSE CATEGORY CODES, as they appear in the dataset are in BLUE font

**w2\_Date\_Last\_Contact** Date of last contact (dd/mm/yyyy), corresponds to interview date (for those interviewed) or refusal date or last visit date (for non-responders)

w2\_weights Cross-sectional survey weights to be used for analysis done using only PHASE [Wave 2] data

# NAME OF RESPONDENT:

### Fill in the following information after you have completed the questionnaire.

CONTACT NO.:	(۲	I)		(O)		(HP/PGR)			
INTERVIEWER:			DATE OF INTERVIEW:	w2_	Date_Interview				
DATE OF LAST CO	DATE OF LAST CONTACT								
TIME STARTED:			TIME ENDED:						
TOTAL TIME TAKEN FOR INTERVIEW: w2_Duration_Questionnaire (Please include time used by the subject to attend to personal affairs or to rest.)									
w2_Interviewer_Code_Phase_r: The code is the same as that for "Interviewer_Code" (above, in Wave 1) if the interviewer was the same									
NUMBER OF VISIT	rs: 1 <sup>st</sup> VISIT / 2 <sup>r</sup>	<sup>ia</sup> VI	ISIT / 3 <sup>rd</sup> VISIT / 4	4º VIS	SIT / 5 <sup>th</sup> VISIT				
			INTRODUCTION						
Good morning / afternoon / evening. My name is and I'm from We are conducting a follow-up survey of the people who had participated in the Social Isolation, Health and Lifestyles Survey conducted by MCYS in 2009. As one of the participants of the original survey, we would appreciate it if you could spare us some time to answer some questions. This follow-up survey will help us to study the social, economic and health changes in individuals as they age. The interview will take about 45 minutes.									

(If respondent cannot be interviewed due to health / non-health reasons) May I know who, apart from a maid, has helped <u>(the subject name)</u> in his or her daily existence for some time? We would appreciate it if this person could spare us some time to answer the following questions.

There are no right or wrong answers to the questions, and you do not have to respond to any questions that you feel uncomfortable answering. Please be assured that your identity and the information given by you will be kept strictly confidential and that only group data will be reported.

# S1 Screener for Cognitive impairment

[Interviewer: This screener is administered only to the subjects and not to proxies] Before starting the main questionnaire, we would just like to ask you a few questions. These questions are about memory. The questions may seem unusual, but they are routine questions we ask of everyone. Some of the questions are very easy and some are difficult, so do not be surprised if you have trouble with some of them.

Please try to answer these questions correctly and to the best of your knowledge. w2\_Cognitive\_Test: Cognitive test taken? (1 = Yes, 2 = No)

	Questions	Response	Correct	Incorrect	No cognitive test	Correct only when:
а	What is today's date? (including date, month and year) w2_S1_a_ii		1	2	888	The month, date and year are all correct
b	What is the day of the week? w2_S1_b_ii		1	2	888	The day is correct
С	What is the name of this place in Singapore? w2_S1_c_ii		1	2	888	Any of the description of the location is given: correct district, zone, street, name of the area, name of apartment complex, are all acceptable
d	What is your phone number? w2_S1_d_ii		1	2	888 8=no phone	The number can be verified or the subject can repeat the same number at a later time in the interview
е	When were you born? w2_S1_e_ii		1	2	888	The month, date and year are correct
f	How old are you? w2_S1_f_ii		1	2	888	The stated age corresponds to the date of birth
g	Who is the current Prime Minister? w2_S1_g_ii		1	2	888	It is Lee Hsien Loong. Requires the full name to be mentioned.
h	Who was the Prime Minister before him? w2_S1_h_ii		1	2	888	It is Goh Chok Tong. Requires the full name to be mentioned.

i	What was your mother's maiden name? <mark>w2_S1_i_ii</mark>	1	2	888	Needs no verification.
j	Please count backward from 20 by 3's? w2_S1_j_ii	1	2	888 9=refused	The entire series must be performed correctly to be scored as correct. Any error in the series - or an unwillingness to attempt the series- is scored as incorrect
	w2_spmsq SPMSQ score uncorrected for	interviewer error F	PLEASE DC	NOT USE	
	w2_spm_corr PLEASE USE THIS VARIABL (Created variable: Summary n a some of less than zero due to zero before using this varial	neasure of cognitiv to adjustments mad ole for analysis.)	e impairmer le for interv	iewer error. Ple	ease set scores less than zero
	Reference: Malhotra, R., Haal Presence of and correction for adults. <i>Geriatrics &amp; gerontolog</i>	interviewer error c	on an instrur	ment assessing	
	<ul> <li>w2_cogncat_corr</li> <li>(Created variable: Summary n the corrected score. See refer</li> <li>1: Intellectually intact</li> <li>2: Mildly impaired</li> <li>3: Moderately impaired</li> <li>4: Severely impaired</li> </ul>	•	e impairmer	nt, in categorie:	s. <i>Note</i> : This is created using

# Instruction to Interviewer:

- If the respondent has 8 or more incorrect responses in the above 10 questions, then select a proxy for answering the main questionnaire. *This proxy must be someone who has been helping the subject in his or her daily existence for some time, and must be either a family member or someone who has been living with the subject.* 

- If the respondent has less than 8 incorrect responses in the above 10 questions, then proceed with the main questionnaire.

Person giving responses:	The subject [Go to Sec	tion Al 2	Proxy
w2_Response			FIUNY

# [Interviewer:

Although, in general, interviews are to be conducted with a person named in the list, if the subject is incapable of being interviewed due to illness or another cause, the interview may be conducted with a proxy. <u>This proxy must be</u> someone who has been helping the subject in his or her daily existence for some time, and must be either a family member or someone who has been living with the subject. Maids are **NOT ELIGIBLE** for this interview.]

PROXY INFORMATION

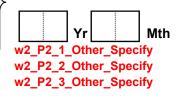
P1 May I know your name (Proxy)? \_\_\_\_\_

P2 Reason the proxy is the respondent rather than the person named in the list [MA]:

(For variables w2\_P201 to w2\_P212, **1** = Yes, **0** = No)

- The subject has been hospitalized, and cannot be revisited during survey period
   w2 P201
- 2 The subject has moved to a nursing home. w2\_P202
- 3 The subject has been moved to an institution for health reasons (including physical or psychological). w2\_P203

When was the subject hospitalized or moved to the institution? (If more than once, record the most recent.)



- The subject has been moved to an institution for reasons other than health.
   (e.g. subject has been incarcerated for a traffic violation or otherwise)
   w2 P204
- 5 The subject has hearing difficulties (the subject is hearing impaired, etc.). w2\_P205
- 6 The subject has difficulties speaking (the subject is experiencing verbal difficulties). w2\_P206
- 7 The subject is experiencing confusion or loss of consciousness, etc. w2\_P207
- 8 The subject has 8 or more errors in S1 w2\_P208
- 9 The subject is unable to respond because of memory loss or dementia w2\_P209
- 10 The subject is experiencing some other form of psychological disorder. w2\_P210
- 11 The subject has a physical illness or disability. w2\_P211
- 12 The subject cannot respond for other reasons unrelated to health. Please explain: w2\_P212

P3 What is your relationship with (the subject)? w2\_P3

- 1 Spouse
- 2 Son
- 3 Daughter
- 4 Daughter-in-law
- 5 Son-in-law
- 6 Grandchild

Relative other than the aforementioned (please explain:

- 7 w2\_P3\_Relative\_Specify
- Other (please explain:
- 8 w2\_P3\_Other\_Specify

)

)

# MAIN QUESTIONNAIRE

**[Interviewer:** All the following questions are to be addressed to the subject. In the event that the respondent is a proxy, do not ask the questions with question number appearing in boxes, e.g. Q13]

# SECTION A: BASIC ATTRIBUTES AND FAMILY MAKE-UP

**READ OUT:** You will be asked a number of questions during this survey. You do not have to respond to any questions that you feel uncomfortable answering. Also, please rest assured that all of your responses will be kept strictly confidential and will not be shown to or shared with anyone not connected with this survey.

First, you will be asked questions about yourself (subject).

#### The next questions concern your (subject's) family.

### Q1 [SHOWCARD 1] First, what is your (subject's) current marital status? w2\_Q1

1 Married

(includes being separated from the spouse due to one spouse's being hospitalized, living in an institution, or living in another area for business reasons or to take care of others)

- 2 Widowed
- 3 Separated from spouse
- 4 Divorced
- 5 Never married
- Q2.1 How many persons are there living in your (subject's) household? (Including yourself (subject), maid and those who are temporarily hospitalized, children who are living in a hostel within Singapore, and household members who are currently in National Service/Reservist training)

[Interviewer: This includes all who live in the household presently, as well as those who have this address recorded in their NRIC, <u>excluding tenants.</u>] w2\_Q2



- Q2.2 Please give the relationship to you (subject) and the age and gender of the other members of the household. [Interviewer: Please ensure the number of members corresponds with the answer in Q2.1]
- Q2.3 Who is the head of the household? [Interviewer: Let this be based on the perception of the subject. If he/she asks for a definition: The head of the household is normally the oldest member, the main income earner, the owner-occupier of the house or the person who manages the affairs of the household.]

ID	Relationship to subject	Age		Ge	nder	Head of
	(see coding table below)			Male	Female	Household
01	Subject Self w2_Q2_2_ID01_Relationship	 w2_Q2_2_ID01_Age		w2_Q2_2_ID01 _Gender	w2_Q2_2_ID01_ Gender	1 w2_Q2_2_ID01_ Head
02	Subject's  w2_Q2_2_ID02_Relationship	w2_Q2_2_ID02_Age	y r s	1 w2_Q2_2_ID02 _Gender	2 w2_Q2_2_ID02_ Gender	1 w2_Q2_2_ID02_ Head
03	Subject's w2_Q2_2_ID03_Relationship	w2_Q2_2_ID03_Age	y r s	1 w2_Q2_2_ID03 _Gender	2 w2_Q2_2_ID03_ Gender	1 w2_Q2_2_ID03_ Head
04	Subject's w2_Q2_2_ID04_Relationship	w2_Q2_2_ID04_Age	y r s	1 w2_Q2_2_ID04 _Gender	2 w2_Q2_2_ID04_ Gender	1 w2_Q2_2_ID04_ Head

05	Subject's w2_Q2_2_ID05_Relationship	w2_Q2_2_ID05_Age	y r s	1 w2_Q2_2_ID05 _Gender	2 w2_Q2_2_ID05_ Gender	1 w2_Q2_2_ID05_ Head
06	Subject's w2_Q2_2_ID06_Relationship	w2_Q2_2_ID06_Age	y r s	1 w2_Q2_2_ID06 _Gender	2 w2_Q2_2_ID06_ Gender	1 w2_Q2_2_ID06_ Head
07	Subject's w2_Q2_2_ID07_Relationship	w2_Q2_2_ID07_Age	y r s	1 w2_Q2_2_ID07 _Gender	2 w2_Q2_2_ID07_ Gender	1 w2_Q2_2_ID07_ Head
08	Subject's w2_Q2_2_ID08_Relationship	w2_Q2_2_ID08_Age	y r s	1 w2_Q2_2_ID08 _Gender	2 w2_Q2_2_ID08_ Gender	1 w2_Q2_2_ID08_ Head
09	Subject's w2_Q2_2_ID09_Relationship	w2_Q2_2_ID09_Age	y r s	1 w2_Q2_2_ID09 _Gender	2 w2_Q2_2_ID09_ Gender	1 w2_Q2_2_ID09_ Head
10	Subject's w2_Q2_2_ID10_Relationship	w2_Q2_2_ID10_Age	у r s	1 w2_Q2_2_ID10 _Gender	2 w2_Q2_2_ID10_ Gender	1 w2_Q2_2_ID10_ Head
ID	Relationship to subject	Age		Gei Male	nder Female	Head of Household
11	Subject's w2_Q2_2_ID11_Relationship	w2_Q2_2_ID11_Age	y r s	1 w2_Q2_2_ID11 _Gender	2 w2_Q2_2_ID11_ Gender	1 w2_Q2_2_ID11_ Head
12	Subject's w2_Q2_2_ID12_Relationship	w2_Q2_2_ID12_Age	y r s	1 w2_Q2_2_ID12 _Gender	2 w2_Q2_2_ID12_ Gender	1 w2_Q2_2_ID12_ Head

(For Internal Coding Only)								
1	Spouse	5	Spouse of grandchild	9	Maid			
2	Child	6	Parent	10	Others (specify:)			
3	Spouse of Child	7	Parent of spouse					
4	Grandchild	8	Sibling					

### 'Other' variables:

**w2\_Q2\_Other1\_ID to w2\_Q2\_Other7\_ID**; w2\_Q2\_Other1\_ID is the first 'Others' specified by the respondent, w2\_Q2\_Other2\_ID is the second 'Others' specified by the respondent, similarly for w2\_Q2\_Other3\_ID to w2\_Q2\_Other7\_ID

**w2\_Q2\_Other1\_Relationship to w2\_Q2\_Other7\_Relationship;** w2\_Q2\_Other1\_Relationship is the relationship between w2\_Q2\_Other1\_ID and the subject, similarly for w2\_Q2\_Other2\_Relationship to w2\_Q2\_Other7\_Relationship

**w2\_Q2\_Other1\_Age to w2\_Q2\_Other7\_Age;** w2\_Q2\_Other1\_Age is the age of the w2\_Q2\_Other1\_ID, similarly for w2\_Q2\_Other2\_Age to w2\_Q2\_Other7\_Age

**w2\_Q2\_Other1\_Gender to w2\_Q2\_Other7\_Gender ;** w2\_Q2\_Other1\_Gender is the gender of the w2\_Q2\_Other1\_ID, similarly for w2\_Q2\_Other2\_Gender to w2\_Q2\_Other7\_Gender

**w2\_Q2\_Other1\_Head to w2\_Q2\_Other7\_Head ;** w2\_Q2\_Other1\_Head denotes if w2\_Q2\_Other1\_ID is the head of the household as defined in the table above. Similarly for w2\_Q2\_Other2\_Head to w2\_Q2\_Other7\_Head

### w2\_age

(Created variable: Age of subject at the time of Wave 2, created by calculating the time elapsed [in years] between the Wave 1 date of interview and Wave 2 date of interview, and subsequently adding it to the age at Wave 1)

### w2\_agegroup5yr

(Created variable: Age of subject in 5 year age bands at the time of Wave 2, based on w2\_age)

1: 62-64 (minimum age in wave 2=62)

**2**: 65-69

**3**: 70-74

**4**: 75-79

**5**: 80-84

<mark>6</mark>: 85+

# w2\_agegroup10yr

(Created variable: Age of subject in 10 year age bands at the time of Wave 2, based on w2\_age) 1: 62-69 (minimum age in wave 2=62)

**2**: 70-79

**3**: 80-89

**4**: 90+

# w2\_livingarr1

(Created variable: Living arrangements summary variable. Note: Alone includes living with maid)

1: Living alone (with maid)

- 2: With spouse, no child (with/without maid)
- **3**: With child, no spouse (with/without maid)
- 4: With child and spouse (with/without maid)
- 5: With others (with/without maid)

# w2\_livingarr2

(Created variable: Living arrangements summary variable. *Note:* Alone <u>does not include</u> living with maid)

- 1: Living alone (without maid)
- 2: With spouse, no child (with/without maid)
- 3: With child, no spouse (with/without maid)
- 4: With child and spouse (with/without maid)
- **5**: With others (with/without maid)

# w2\_livingalone1

(Created variable: Living alone. Note: Alone includes living with maid)

- 0: Not living alone
- 1: Living alone (with maid)

w2\_livingalone2

(Created variable: Living alone. *Note:* Alone <u>does not include</u> living with maid) **0**: Not living alone

1: Living alone (without maid)

Q3	[SH	k those who reside with children according IOWCARD 2] What are the main reasons you Id(ren) (Maximum 3)? [MA] (For w2_Q301 to v	l (subj	ject) ar	e currently residing with your (	subject's)	
	1	To provide financial support w2_Q301	10	To pro	ovide advice or be someone to ta	lk to <mark>w2_Q310</mark>	
	2	To receive financial support w2_Q302	11	To receive advice w2_Q311			
	3	To help with the housework w2_Q303	12	My hւ	usband/wife passed away <mark>w2_Q3</mark> ′	12	
	4	To help care for grandchildren w2_Q304	13	My ch	nild(ren) isn't ready to be indepen	dent yet <mark>w2_Q313</mark>	
	5	To be looked after w2_Q305	14	Child	isn't married yet w2_Q314		
	6	Child(ren)'s request w2_Q306	15	To pro	ovide my child(ren) with a place to	o live <b>w2_Q315</b>	
	7	Own request w2_Q307	16	Other	(Please explain:	) w2_Q316	
	8	<b>,</b> , <b>_</b>	17	Not s	ure w2_Q317		
	9	Child(ren) provides emotional support w2_Q309		W2_Q	3_Other_Specify		
Q4	[SH	IOWCARD 3] Are you currently working? w2	_Q4				
	1	Working full-time		3	Retired and not working		
	2	Working part-time		4	Home-maker		
Q5	[SH	IOWCARD 4] What type of housing are you (	subje	ct) livin	ıg in? <mark>w2_Q5</mark>		
	1	HDB/JTC flat (1-2 room)		5	Condominium/Private flat		
	2	HDB/JTC flat (3 room)		6	Bungalow/semi-detached/terra	ce house	
	3	HDB/JTC flat (4 room)		7	Shophouse		
	4	HDB/JTC flat (5 room & above/HUDC/Execu	tive)	8	Others (specify:	)	
					w2_Q5_Other		
	-	_housing1 eated variable: Summary variable for subject's h	nousin	g.)			

- 1: 1-2 room HDB
- 2: 3 room HDB

**3**: 4-5 room HDB and Private Housing (Condominium/Private flat/Bungalow/semi-detached/terrace house) and Shophouse and Others

# w2\_housing2

(Created variable: Summary variable for subject's housing.)

- 1: 1-2 room HDB
- 2: 3 room HDB
- 3: 4-5 room HDB
- 4: Private Housing (Condominium/Private flat/Bungalow/semi-detached/terrace house)
- 5: Shophouse and Others

# Q6 Who owns this current property that you (subject) live in? w2\_Q6\_1

- 1Subject6Chil2Child in the household7Oth
- **3** Joint ownership with spouse
- 4 Joint ownership with other household member
- 6 Child outside household
- 7 Others outside household
- 8 Rental
- 9 Don't know

Q7 [SHOWCARD 5] What would be your preferred living arrangement if you cannot live independently? Please choose the best (most preferable) and the worst (least preferable).

	Living Arrangement		
1	Continue living/ move in with family	Best Choice	w2_Q7_1
2	Hire a full-time maid/domestic worker	(Most Preferable):	
3	Hire home-care services	Worst Choice (Least Preference):	w2_Q7_2 (5 = None)
4	Nursing home		

Q8 [SHOWCARD 6] How do you feel about using out-of-home services like day services and day care? [Interviewer: The users pay for such services themselves.] w2\_Q8

1	2	3	4	5
Feel no reservations	Feel hardly any	Feel some	Have strong	Not sure
at all	reservations	reservations	reservations	

# Q9 [SHOWCARD 6] How do you feel about in-home help services that involve someone who is not familiar to you entering your home, for example, personal aid services?

[Interviewer: The users pay for such services themselves.] w2\_Q9

1	2	3	4	5
Feel no reservations	Feel hardly any	Feel some	Have strong	Not sure
at all	reservations	reservations	reservations	

# SECTION B: SOCIAL ISOLATION

Q10 [SHOWCARD 7] The next questions are about how you feel about different aspects of your life. For each one, tell me how often you feel that way.... Fairly often Occasionally Alwavs Rarelv Never w2\_Q10\_1\_GV1 a How often do you feel that you 4 3 2 1 0 lack companionship 3 2 w2\_Q10\_2\_GV1 b How often do you feel left out 4 1 0 w2\_Q10\_3\_GV1 c How often do you feel isolated 3 2 1 4 0 from others

# w2\_loneliness

(Created variable: UCLA 3-item loneliness score (range 0-12). *Note:* The response categories in the original paper above were different from what was asked in PHASE Wave 1. Therefore, the scoring is also different.

Reference: Hughes, M. E., Waite, L. J., Hawkley, L. C., & Cacioppo, J. T. (2004). A Short Scale for Measuring Loneliness in Large Surveys: Results From Two Population-Based Studies. *Research on Aging*, *26*(6), 655–672. http://doi.org/10.1177/0164027504268574

### w2\_loneliness\_yesno

(Created variable: UCLA 3-item loneliness score, dichotomized. *Note:* This is based on the 0-12 scoring range (see above)).

0: Not lonely (score of 0)

Q11

1: Some measure of loneliness (score of >=1)

[SHOWCARD 8] Among all your relatives not living with you (including children, grandchildren, in-laws, siblings, nieces, nephews, cousins, uncles, aunties, etc)...

			0	1	2	3~4	5~8	≥ 9
w2_Q11_1_a_GV1 (7 = Don't know)	a How many rel or hear from a month?	atives do you see at least once a	0	1	2	3	4	5
w2_Q11_1_b_GV1 (7 = Don't know)		latives do you feel hat you can talk matters?	0	1	2	3	4	5
w2_Q11_1_c_GV1 (7 = Don't know)	c How many rel	atives do you feel that you could call	0	1	2	3	4	5
			Never	Seldom	Sometimes	Often	Very Often	Always
w2_Q11_2_d_GV1	d How often do from relatives have the mos	with whom you	0	1	2	3	4	5
w2_Q11_2_e_GV1	an important o	your relatives has decision to make, they talk to you	0	1	2	3	4	5
w2_Q11_2_f_GV1		able for you to talk ave an important	0	1	2	3	4	5
Q12 [SHO	WCARD 9] Are you	satisfied with the	level of c	ontact with	your relative	s? w2_Q12		
	1	2		3		4		5
	Very Satisfied	Satisfied	l	Jnsatisfied	Very U	nsatisfied	No	t Sure
Q13	[SHOWCARD 10	] Among all of you	ır friends	including t	hose who live	e in your ne	eighbourh	ood
			0	1	2	3~4	5~8	≥9
w2_Q13_1_a_GV1	a How many frie or hear from a month?		0	1	2	3	4	5
w2_Q13_1_b_GV1	b How many frie at ease with th about private	nat you can talk matters?	0	1	2	3	4	5
w2_Q13_1_c_GV1	c How many frie close to such t	nds do you feel hat you could call	0	1	2	3	4	5
	on them for he	lp?						
	on them for he	lp?	Never	Seldom	Sometimes	Often	Very Often	Always
w2_Q13_2_d_GV1	d How often do	you see or hear th whom you	Never 0	Seldom 1	Sometimes 2	Often 3		Always 5
w2_Q13_2_d_GV1 w2_Q13_2_e_GV1	<ul> <li>d How often do y from friends w have the most</li> <li>e When one of y</li> </ul>	you see or hear th whom you contact? our friends has ecision to make,					Often	

### w2\_lsnsr

(Created variable: Lubben Social Network Scale Revised (LSNS-R) Score (range 0-60)). It is based summing up on w2\_Q11\_1\_a\_GV1 to w2\_Q11\_1\_f\_GV1 and w2\_Q13\_1\_a\_GV1 to w2\_Q13\_1\_f\_GV1. *Note:* This has been modified to assess social networks <u>outside the household</u>.

Reference: Lubben, J., Gironda, M. (2004). Measuring social networks and assessing their benefits. In Social Networks and Social Exclusion: Sociological and Policy Perspectives. Eds. Phillipson, C., Allan, G., Morgan, D. Ashgate

### w2\_lsns6

(Created variable: Lubben Social Network Scale Revised (LSNS6) Score (range 0-30). It is based summing up on w2\_Q11\_1\_a\_GV1 to w2\_Q11\_1\_c\_GV1 and w2\_Q13\_1\_a\_GV1 to w2\_Q13\_1\_c\_GV1. *Note:* This has been modified to assess social networks <u>outside the household</u>.

Reference: Lubben, J., Blozik, E., Gillmann, G., Iliffe, S., von Rentein Kruse, W., Beck, J.C., & Stuck, A.E. (2006). Performance of an abbreviated version of the Lubben Social Network Scale among three European community-dwelling older adult populations. The Gerontologist, 46(4), 503–513.

# Q14 [SHOWCARD 11] Are you satisfied with the level of contact with your friends? w2\_Q14

1	2	3	4	5
Very Satisfied	Satisfied	Unsatisfied	Very Unsatisfied	Not Sure

### Q15 [SHOWCARD 12] Among all of your neighbours including those you consider your friend,

		0	1	2	3~4	5~8	≥ 9	
w2_Q15_a_GV1	<ul> <li>a How many of your neighbours</li> <li>do you see or hear from at</li> <li>least once a month?</li> </ul>	1	2	3	4	5	6	
w2_Q15_b_GV1	b How many neighbours could you call on for help?	1	2	3	4	5	6	

# SECTION C: HEALTH STATUS & PHYSICAL DISABILITIES / LIMITATIONS

### The next questions will be regarding health.

### Q16 [SHOWCARD 13] In general, how would you describe your (subject's) state of health? w2\_Q16

1	Very healthy	4	Somewhat unhealthy
2	Healthier than average	5	Very unhealthy
3	Of average health	6	Not sure

Q17 [SHOWCARD 14] The next question is related to vision. With your (subject's) glasses or contact lenses if you (subject) wear them, is your (subject's) eyesight excellent, very good, good, fair, poor or loss of vision in both eyes? w2\_Q17

1	Excellent	4	Fair
2	Very Good	5	Poor
3	Good	6	Loss of vision (no vision) in both eyes

Q18 [SHOWCARD 15] The following question is related to hearing ability. If you (subject) use hearing aids, please respond to this question based on your (subject's) hearing ability when you (subject) wear them. Is your (subject's) hearing excellent, very good, good, fair, poor or not able to hear in both ears? w2 Q18

1	Excellent	4	Fair
2	Very Good	5	Poor
3	Good	6	Not able to hear in both ears

# Q19 [SHOWCARD 16] In the last 2 years/ Since the last survey was conducted, have you (subject) been diagnosed by a medical professional with \_\_\_\_\_?

Ailm	nent	Diagnosis			
		Yes	No	Not Sure	
а	Heart attack, angina, myocardial infarction,etc.	1	2	3	
	w2_Q19_a_GV1				
b	Other forms of heart disease	1	2	3	
	w2_Q19_b_GV1				
с	Cancer (excluding skin cancer)	1	2	3	
	w2_Q19_c_GV1				
d	Cerebrovascular disease (stroke, etc.)	1	2	3	
	w2_Q19_d_GV1				
е	Dementia [only to be asked to the proxy]	1	2	3	
	w2_Q19_e_GV1				
f	High blood pressure	1	2	3	
	w2_Q19_f_GV1				
g	Diabetes	1	2	3	
	w2_Q19_g_GV1				
h	Respiratory illness (chronic, such as asthma)	1	2	3	
	w2_Q19_h_GV1				
i	Digestive illness (stomach or intestinal)	1	2	3	
	w2_Q19_i_GV1				
j	Renal/kidney or urinary tract ailments	1	2	3	
	w2_Q19_j_GV1				
k	Ailments of the liver or gallbladder	1	2	3	
	w2_Q19_k_GV1				
I	Joint pain, Arthritis, rheumatism or nerve pain	1	2	3	
	w2_Q19_I_GV1				
m	Chronic back pain	1	2	3	
	w2_Q19_m_GV1				
n	Osteoporosis	1	2	3	
	w2_Q19_n_GV1				
0	Fractures of the hip, thigh, and pelvis	1	2	3	
	w2_Q19_o_GV1				
р	Other fractures	1	2	3	
	w2_Q19_p_GV1				
q	Cataract	1	2	3	
	w2_Q19_q_GV1				

r	Glaucoma		1	2	3
	w2_Q19_r_GV1				
s	Others (Specify:)		1	2	3
	w2_Q19_s_GV1				
	w2_Q19_Others				
t	Parkinson		1	2	3
	w2_Q19_t_GV1				
u	Thyroid		1	2	3
	w2_Q19_u_GV1				
v	High Cholesterol		1	2	3
	w2_Q19_v_GV1 (please also use the next variable)				
W	Cholesterol		1	2	3
	w2_Q19_w_GV1				
х	Depression		1	2	3
	w2_Q19_x_GV1				
0004					
Q20.1		w2_Q20_			
	1 Yes 2	No <b>[Go t</b>	to Q21]	3 DK [Go	to Q21]
Q20.2	How many times have you fallen in the last o	one year?	w2_Q20_2		
	99 DK/Can't remember w2_Q20_2_Codes (1 = I	Don't know)	)		
Q20.3	In that fall/ In any of these falls, did you injur w2 Q20 3	re yoursel	f seriously enoug	h to need medical t	treatment?

1 Yes 2 No 3 DK

The next questions will be on your (subject's) physical ability and agility.

[Interviewer: Ask a ~ j, repeating (i) and (ii) for each as appropriate.]

Q21 [SHOWCARD 17] (i) Please indicate which of the following actions you (subject) find difficult to perform alone without the assistance of a person or physical prop or aid. (ii) [If "difficult," (i)=1] To what extent?

**[Interviewer:** Have respondents include actions that the subject can perform, even though he or she may not have done them recently.]

		(i) Do you find this difficult?	(ii) To what extent?
а	Walk 200 to 300 metres (1 bus stop to another)	<ol> <li>Yes</li> <li>No[Go to b]</li> <li>Not sure[Go to b] w2_Q21_a_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure w2_Q21_a_ii</li> </ol>
b	Climb 10 steps without resting	<ol> <li>Yes</li> <li>No[Go to c]</li> <li>Not sure[Go to c] w2_Q21_b_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure         <ul> <li>w2_Q21_b_ii</li> </ul> </li> </ol>

С	Stand (go without sitting)	1	Yes	1	Somewhat difficult
-	for 2 hours	2	No <b>[Go to d]</b>	2	Very difficult
		3		3	Unable to perform
		3	Not sure <b>[Go to d]</b> w2_Q21_c_i	4	Not sure
			w2_Q21_C_1		w2_Q21_c_ii
d	Continue to sit for 2 hours	1	Yes	1	Somewhat difficult
		2	No <b>[Go to e]</b>	2	Very difficult
		3	Not sure[Go to e]	3	Unable to perform
		3		4	Not sure
			w2_Q21_d_i		w2_Q21_d_ii
е	Stoop or bend your knees	1	Yes	1	Somewhat difficult
Ũ		2	No <b>[Go to f]</b>	2	Very difficult
		3	Not sure[Go to f]	3	Unable to perform
		3		4	Not sure
			w2_Q21_e_i	- T	w2_Q21_e_ii
f	Raise your hands above	1	Yes	1	Somewhat difficult
•	your head	2	No <b>[Go to g]</b>	2	Very difficult
		3	Not sure[Go to g]	3	Unable to perform
		3	w2_Q21_f_i	4	Not sure
			w2_Q21_1_1		w2_Q21_f_ii
g	Extend arms out in front of	1	Yes	1	Somewhat difficult
Ū	you as if to shake hands	2	No <b>[Go to h]</b>	2	Very difficult
		3	Not sure[Go to h]	3	Unable to perform
			w2_Q21_g_i	4	Not sure
					w2_Q21_g_ii
h	Grasp with your fingers or	1	Yes	1	Somewhat difficult
	move your fingers easily	2	No <b>[Go to i]</b>	2	Very difficult
		3	Not sure[Go to i]	3	Unable to perform
			w2_Q21_h_i	4	Not sure
					w2_Q21_h_ii
i	Lift an object weighing	1	Yes	1	Somewhat difficult
	approximately 10 kg (a big	2	No <b>[Go to Q22]</b>	2	Very difficult
	size bag of rice)	3	Not sure[Go to Q22]	3	Unable to perform
			w2_Q21_i_i	4	Not sure
					w2_Q21_i_ii
j	Lift an object weighing	1	Yes	1	Somewhat difficult
	approximately 5 kg (a	2	No <b>[Go to Q22]</b>	2	Very difficult
	middle size bag of rice)	3	Not sure[Go to Q22]	3	Unable to perform
			w2_Q21_j_i	4	Not sure
					w2_Q21_j_ii
	mobilitydiff	I		1	

### w2\_mobilitydiff

(Created variable: Summary measure of mobility limitations (range 0-9). Higher score indicates higher number of mobility limitations *Note:* Item (i) "Lift an object weighting approximately 10 kg" not used.)

### w2\_mobilitydiff\_yesno

(Created variable: Summary measure of mobility limitations, dichotomized. *Note:* Item (i) "Lift an object weighting approximately 10 kg" not used.)

**0**: No mobility limitations

1: At least one mobility limitation

The next questions concern your (subject's) ability to perform daily activities. [Interviewer: Ask  $a \sim h$ , repeating (i) to (iii) for each as appropriate.]

- Q22 (i) Do you (subject) find it difficult to \_\_\_\_\_ alone without the assistance of a person or assistive device due to your (subject's) health or physical state?
  - (ii) [If "difficult", (i)=1] How difficult do you (subject) find it to \_\_\_\_\_ by yourself?
    (iii) [If "difficult", (i)=1] Do you (subject) need assistance / device to \_\_\_?

Ac	tivities	Q22 (i) Difficult	Q22 (ii) How difficult2	Q22 (iii) Assistance / Dovice
~	Taka a	Difficult 1. Difficult	How difficult?	Assistance / Device
a.	Take a bath/shower	<ol> <li>Difficult</li> <li>Not difficult [Go to b]</li> <li>Not sure [Go to b]</li> <li>w2_Q22_a_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q22_a_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q22_a_iii</li> <li>w2_Q22_a_iii_Other</li> </ol>
b.	Dress up	<ol> <li>Difficult</li> <li>Not difficult [Go to c]</li> <li>Not sure [Go to c]</li> <li>w2_Q22_b_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q22_b_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q22_b_iii</li> <li>w2_Q22_b_iii</li> <li>Other</li> </ol>
C.	Eat	<ol> <li>Difficult</li> <li>Not difficult [Go to d]</li> <li>Not sure [Go to d]</li> <li>w2_Q22_c_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q22_c_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q22_c_iii</li> <li>w2_Q22_c_iii_Other_r (5 = tube feeding)</li> </ol>
d.	Stand up from a bed /chair; sitting down on a chair	<ol> <li>Difficult</li> <li>Not difficult [Go to e]</li> <li>Not sure [Go to e]</li> <li>w2_Q22_d_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q22_d_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q22_d_iii</li> <li>w2_Q22_d_iii</li> <li>w2_Q22_d_iii</li> <li>other_r (1 = Adult/frame walker; crutches; tongkat; umbrella; walker stand; walker; walking aid/stick, 2 = hold on to handle bar, 3 = wheelchair, 5 = tube feeding)</li> </ol>
e.	Walk (around the house)	<ol> <li>Difficult</li> <li>Not difficult [Go to f]</li> <li>Not sure [Go to f]</li> <li>w2_Q22_e_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q22_e_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q22_e_iii</li> <li>w2_Q22_e_iii_Other_r (1 =Adult/frame walker; crutches; tongkat; umbrella; walker stand; walker; walking aid/stick, 2 = hold on to handle bar, 3 = wheelchair, 5 = tube feeding)</li> </ol>
f.	Go outside (leave the house)	<ol> <li>Difficult</li> <li>Not difficult [Go to g]</li> <li>Not sure [Go to g]</li> <li>w2_Q22_f_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q22_f_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q22_f_iii</li> <li>w2_Q22_f_iii</li> <li>Other_r (1 = Adult/frame walker; crutches; tongkat; umbrella; walker stand; walker; walking aid/stick, 2 = hold on to handle bar, 3 = wheelchair, 4 = electric scooter, 5 = tube feeding)</li> </ol>
g.	Use the squatting toilet	<ol> <li>Difficult</li> <li>Not difficult [Go to h]</li> <li>Not sure [Go to h]</li> <li>w2_Q22_g_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q22_g_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>Do not use squatting toilet</li> <li>w2_Q22_g_iii</li> <li>w2_Q22_g_iii_Other_r (1 =Walker; walk stick, 2</li> <li>Bar; bar handle/support; hand rail; bar to hold; handle/support bar; hold to bar; railing; support railing, 3 = wheelchair, 4 = electric scooter, 5 = tube feeding, 6 = Seat toilet; portable toilet bowl, 7 = diaper)</li> </ol>

<ul> <li>h. Use the sitting toilet</li> <li>1. Difficult</li> <li>2. Not difficult [Goto Q23]</li> <li>3. Not sure [Goto Q23]</li> <li>w2_Q22_h_i</li> </ul>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q22_h_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device ass2istance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q22_h_iii</li> <li>w2_Q22_h_iii</li> <li>w2_Q22_h_iii</li> <li>other_r (1 = wheelchair, 2 = Use adult diapers; diapers, 3 = Toilet handle; hold onto handle; bar, 4 = como, 5 = bowel-collection bag, 6 = walkstick)</li> </ol>
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# w2 adldiff

(Created variable: Summary measure of ADL limitations (range 0-6). Higher score indicates higher number of ADL limitations. Score is based on the number of "Difficult" responses (w2 Q22 a i, w2 Q22 b i, w2 Q22 c i, w2 Q22 d i, w2 Q22 e i, w2 Q22 h i). Note: Items (f) "Go outside the house" and (g) "Use the squatting toilet" are excluded.)

# w2 adldiff yesno

(Created variable: Summary measure of ADL limitations, dichotomized. This is based on the number of "Difficult" responses w2 Q22 a i, w2 Q22 b i, w2 Q22 c i, w2 Q22 d i, w2 Q22 e i, w2 Q22 h i). Note: Items (f) "Go outside the house" and (g) "Use the squatting toilet" are excluded.) 0: No ADL limitations

1: At least one ADL limitation

- Q23 [Interviewer: Only ask those who reported a need for human assistance for any of the activities in Q22] Who primarily helps you (subject) perform these activities? w2 Q23 (7 = not applicable due to no human assistance)
  - 1 No one
  - Live-in family member (Specify: \_\_\_\_\_ ) w2\_Q23\_2\_Family ID
  - 2 [Interviewer: If the caregiver is a live-in family member, record the ID number from Q2.2.]
  - Non co-resident family member 3
  - 4 Housemaid / houseboy
  - 5 Not sure
  - Other (Specify: ) w2\_Q23\_6\_Other\_Specify\_r (8 =siblings, 10 = friends 11 = 6 Nursing home staff; nurse; nursing home care, 13 = Caregiver at community hospital)

# The next question concerns slightly more complicated tasks.

(i) Do you (subject) find it difficult to \_\_\_\_\_\_ alone without the assistance of a person or assistive Q24 device due to your health or physical state?

(ii) [If "yes," (i)=1] How difficult do you (subject) find it to \_\_\_\_\_ by yourself? ?

(iii) [lf "	yes," (i	)=1] Do	you need	l assistance /	device to	

Activities	5	Q24 (i) Difficult	Q24 (ii) How difficult?	Q24 (iii) Assistance / Device
a. Prep	are	<ol> <li>Difficult</li> <li>Not difficult [Go to b]</li> <li>Do not perform activity due to a</li></ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li></ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance</li></ol>
own	meals	non-health/physical reason [Go to b] <li>Not sure [Go to b]</li> <li>w2_Q24_a_i</li>	w2_Q24_a_ii	(Specify:) <li>No</li> <li>Not sure</li> <li>w2_Q24_a_iii</li> <li>w2_Q24_a_iii_Other_r (1 = na)</li>

b.	Leave the home to purchase necessary items or medication	<ol> <li>Difficult</li> <li>Not difficult [Go to c]</li> <li>Do not perform activity due to a non-health/physical reason [Go to c]</li> <li>Not sure [Go to c]</li> <li>w2_Q24_b_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q24_b_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q24_b_iii</li> <li>w2_Q24_b_iii_Other_r (1 =walking stick; umbrella, 3 = wheelchair)</li> </ol>
C.	Take care of financial matters such as paying utilities (electricity, water)	<ol> <li>Difficult</li> <li>Not difficult [Go to d]</li> <li>Do not perform activity due to a non-health/physical reason [Go to d]</li> <li>Not sure [Go to d]</li> <li>w2_Q24_c_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q24_c_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q24_c_iii</li> <li>w2_Q24_c_iii_Other_r (1 =walking stick; umbrella, 3 = wheelchair)</li> </ol>
d.	Use the phone	<ol> <li>Difficult</li> <li>Not difficult [Go to e]</li> <li>Do not perform activity due to a non-health/physical reason [Go to e]</li> <li>Not sure [Go to e]</li> <li>w2_Q24_d_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q24_d_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q24_d_iii</li> <li>w2_Q24_d_iiiOther_r (8 = Hearing aid; ear aid)</li> </ol>
e.	Dust, clean up and other light housework	<ol> <li>Difficult</li> <li>Not difficult [Go to f]</li> <li>Do not perform activity due to a non-health/physical reason [Go to f]</li> <li>Not sure [Go to f]</li> <li>w2_Q24_e_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q24_e_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q24_e_iii</li> <li>w2_Q24_e_iii_Other</li> </ol>
f.	Take public transport to leave home	<ol> <li>Difficult</li> <li>Not difficult [Go to g]</li> <li>Do not perform activity due to a non-health/physical reason [Go to g]</li> <li>Not sure [Go to g]</li> <li>w2_Q24_f_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q24_f_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q24_f_iii</li> <li>w2_Q24_f_iii_Other_r (1 =walking stick/aid; umbrella, 3 = wheelchair)</li> </ol>
g.	Take medication as prescribed	<ol> <li>Difficult</li> <li>Not difficult [Go to Q25]</li> <li>Do not perform activity due to a non- health/physical reason [Go to Q25]</li> <li>Not sure [Go to Q25]</li> <li>w2_Q24_g_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_Q24_g_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify:)</li> <li>No</li> <li>Not sure</li> <li>w2_Q24_g_iii</li> <li>w2_Q24_g_iii_Other_r</li> <li>=tube)</li> </ol>

**w2\_iadIdiff** (Created variable: Summary measure of IADL limitations (range 0-7). Higher score indicates higher number of IADL limitations. Score is based on the number of "Difficult" responses.)

w2\_iadldiff\_yesno

(Created variable: Summary measure of IADL limitations, dichotomized. This is based on the number of "Difficult" responses.)

0: No IADL limitations

1: At least one IADL limitation

- Q25 [Interviewer: Only ask those who reported a need for human assistance for any of the activities in Q24] Who primarily helps you (subject) perform these activities? w2\_Q25 (7 = not applicable due to no human assistance)
  - 1 No one
  - 2 Live-in family member (Specify: \_\_\_\_\_) [Interviewer: Record the ID number from Q2.2.] w2\_Q25\_2\_Family\_ID
  - 3 Non co-resident family member
  - 4 Housemaid / houseboy
  - 5 Not sure
  - Other (Specify: \_\_\_\_\_) w2\_Q25\_6\_Other\_Specify\_r (1= part-time maid, 2=Social assistant group (from my church); church friend, 4 =Nursing home staff; nursing home; nurse at nursing home; nurse, 5= Home help; home care, 7=Friend, 8=Siblings, 9=Caregiver at community hospital)

[Interviewer: If the respondent reported no difficulty in any of the items in Q22 and Q24 above, go to Q27.1]

Q26Do these difficulties limit your (subject's) social interaction? [Interviewer: Only ask those who report<br/>difficulty in Q22 (i) and Q24 (i)] w2\_Q26<br/>1Yes2No3Not Sure

The next questions concern any pain experienced by you (subject).

- Q27.1 [SHOWCARD 18] Overall, in the last 30 days, how much of bodily aches or pains (in terms of intensity) did you (subject) have? w2\_Q27\_1
  - 1 None **[Go to Q28.1]**
  - 2 Mild
  - 3 Moderate
  - 4 Severe
  - 5 Extreme / cannot function because of pain [Go to Q27.3]

Q27.2 [SHOWCARD 19] Did the pain affect your (subject's) daily activities? w2\_Q27\_2

- 1Not at all4Often2Rarely5All the time
- 3 Sometimes

# Q27.3 [SHOWCARD 20] In what parts of your (subject's) body did you (subject) feel pain? [MA]

(For	w2_Q27_301 to w2_Q27_309, 1 = Yes, 0 = Head w2_Q27_301	No) 6	Abdomen w2 Q27 306
· •	Neck w2 Q27 302	7	Back w2_Q27_307
2		<i>'</i>	
3	Shoulders w2_Q27_303	8	Lower back / waist w2_Q27_308
4	Joints of the hands / arms w2_Q27_304	9	Joints of the legs / feet w2_Q27_309
5	Chest <b>w2_Q27_305</b>	10	Others w2_Q27_310 (Specify:) w2_Q27_3_Other_r (11=whole body, 12= half of body, 13 =nerve, 14= leg muscles, 15=eyes, 16=pelvis/hip)

# SECTION D: HEALTH BEHAVIOURS

The next few questions pertain to sleep.

# Q28.1 On average, approximately how much do you (subject) sleep per night? w2\_Q28\_1\_Sleep\_hrs w2\_Q28\_1\_Sleep\_mins

	hrs min 1 Not sure w2_Q28_1_Sleep_Codes
Q28.2	w2_sleepdur         (Created variable: Summary measure of sleep duration (in hours, combining both hours and minutes))         w2_sleepdur_rounded         (Created variable: Summary measure of sleep duration (in hours, combining both hours and minutes). Note: The values in this variable are rounded, where 6 hours = 5.5-6.4 hours, 7 hours = 6.5-7.4 hours, and so on.)         Do you take naps? How long do you (subject) nap?         w2_Q28_2_naps_hrs       w2_Q28_2_naps_mins         w2_Q28_2_naps_hrs       w2_Q28_2_naps_codes         min       1       Don't nap       2
	<ul> <li>w2_napcategory</li> <li>(Created variable: Summary measure of nap duration, in categories)</li> <li>0: Do not nap</li> <li>1: &lt;30 minutes</li> <li>2: 30-60 minutes</li> <li>3: &gt;60 minutes</li> </ul>
	<ul> <li>w2_nap_yesno</li> <li>(Created variable: Summary measure of nap duration, dichotomous)</li> <li>0: Do not nap</li> <li>1: Take naps</li> </ul>
Q28.3	How often do you feel really rested when you wake up in the morning? Would you say most of thetime, sometimes, or rarely or never? w2_Q28_3[Interviewer: If respondent is proxy, please do not ask this question]1Most of the time2Sometimes3Rarely / Never4DK5RF
The ne	xt few questions pertain to personal habits.
Q29.1	Do you (subject) currently smoke? w2_Q29_1
	1 Yes 2 No 3 Not sure
	<ul> <li>w2_smoker</li> <li>(Created variable: Summary measure of smoking, categorical. <i>Note</i>: Current smoker defined as those currently smoking. Ex-smoker defined as those not currently smoking but smoked in the past. Non-smoker are those who are not currently smoking and have never smoked in the past.)</li> <li>1: Current smoker</li> <li>2: Ex-smoker/Non-smoker</li> </ul>
Q29.2	How much do/did you (subject) smoke a day on average? w2_Q29_2 [Interviewer: In the event that the subject smokes a pipe, record the number of times the subject smokes a day.]
	cigarettes / cigars a day (approximately)
	w2_Q29_2_Codes (1 = Refused, 2 = Don't know)
The ne	xt questions will focus on your (subject's) activities.

Q30 [SHOWCARD 21] How often do you (subject) do any of the following?

Social activities	Every	Every	Every	Less than	Not at all
Social activities	day	week	month	once a month	

а	Attends RC / CC / CDC / neighbourhood event w2_Q30_a_GV1 (6 = Don't know)	1	2	3	4	5
b	Go out to eat with family members or friends	1	2	3	4	5
	w2_Q30_b_GV1 (6 = Don't know)					
С	Attends church, mosque or other place of worship w2_Q30_c_GV1	1	2	3	4	5
Fitne	ess activities					
d	Goes for a walk (for exercise purposes)	1	2	3	4	5
	w2_Q30_d_GV1					
е	Plays a game of sport / exercise (e.g. Taiji, Qigong, swimming, keep fit or dancing class, etc.) w2_Q30_e_GV1 (6 = Don't know)	1	2	3	4	5

Q31 On average, how many hours of television do you (subject) watch in one day? This includes watching TV while engaged in another activity, such as eating

[Interviewer: In the event that the respondent gives a time-range, take the average time for the range as the answer. For example, a response of 1-2 hours becomes 1 hour 30 minutes.]

	w2_Q3	1_TV_h	'S	w2_Q3 <sup>•</sup>	1_TV_r	nins	w2_	Q31_TV_Cod	les
Approx.			hrs			mins	1	Not sure	

# w2\_Q31\_TV\_mins

There are 1938 missing in the variable w2\_Q31\_TV\_hrs, but 4566 missing in w2\_Q31\_TV\_mins. This is due to error in data entry for 2628 cases where w2\_Q31\_TV\_mins was coded as '.' instead of '0' and these 2628 cases have a valid response in w2\_Q31\_TV\_hrs.

# SECTION E: DENTAL HEALTH

The next question pertains to your (subject's) ability to chew.

- Q32 [SHOWCARD 22] The following foods are ordered from hardest to softest to chew. What is the HARDEST GROUP you (subject) are able to bite and chew? If you are using dentures, please respond as if you (subject) were eating with your (subject's) dentures. [SA] w2\_Q32
  - 1 Ikan Bilis in Nasi Lemak or shredded dry squid
  - 2 Mutton curry, dry mango, or fresh carrots,
  - 3 Bak-kwa, bread with crust not toasted, or kang kong steam boiled, chicken satay, or raw cucumber
  - 4 Thai Rice, fried fish ball, or Wanton noodle
  - 5 Bananas, ripe papaya, hard boiled egg
  - 6 Unable to chew the foods listed in (5)
  - 7 Not sure

The next few questions pertain to your (subject's) teeth.

Q33 How many original teeth do you (subject) have? Adults have 28 natural adult teeth (32 including wisdom teeth) and 0 for full dentures. Prosthetic teeth with roots should be included in the number. For bridges, the artificial tooth should not be counted; however, natural teeth acting as supports should be. w2\_Q33

[Interviewer: Encourage the respondent to give a rough estimate if he or she first gives "not sure" as a response.]

1

natural teeth in total

Not sure w2\_Q33\_Codes

[Interviewer: If respondent is a proxy, please do not ask Q34 ~ Q35. Go to Q36]

# SECTION F: Depressive symptoms and personal mastery

Q34 The next questions are on your psychological state and ways that you cope emotionally on a daily basis. These are questions commonly used in surveys, and it is important that we receive your answers on all of the questions for comparative purposes. We ask that you bear with us and thank you for your cooperation.

[SHOWCARD 23] During the past week, to what extent has the following (a ~ k) been true for you? [Interviewer: Should respondent have any query, you may explain as such: There may be some questions for which you have no answer or which seem the same as another question, but the same questions are used internationally in studies and tests. We ask for your full cooperation.]

		None / Rarely	Sometimes	Often
а	My appetite was poor w2_Q34_a_GV1	0	1	2
b	l felt depressed w2_Q34_b_GV1	0	1	2
С	I felt that everything I did was an effort w2_Q34_c_GV1	0	1	2
d	My sleep was restless w2_Q34_d_GV1	0	1	2
е	l felt happy w2_Q34_e_GV1	0	1	2
f	l felt lonely w2_Q34_f_GV1	0	1	2
g	I felt people were unfriendly w2_Q34_g_GV1	0	1	2
h	l enjoyed life w2_Q34_h_GV1	0	1	2
i	l felt sad <mark>w2_Q34_i_GV1</mark>	0	1	2
j	I felt that people disliked me w2_Q34_j_GV1	0	1	2
k	I could not get "going" w2_Q34_k_GV1	0	1	2

### w2\_cesd

(Created variable: Summary measure of depressive symptoms, continuous, using all 11 items from w2\_Q34\_a\_GV1- w2\_Q34\_k\_GV1.)

Reference: Kohout, F. J., Berkman, L. F., Evans, D. A., & Cornoni-Huntley, J. (1993). Two shorter forms of the CES-D depression symptoms index. *Journal of aging and health*, 5(2), 179-193.

#### w2\_cesd\_yesno

(Created variable: Summary measure of depressive symptoms, dichotomized.)

- **0**: Score of less than 7 (symptoms not clinically relevant)
- 1: Score of 7 and above (symptoms clinically relevant)

Reference: Malhotra, C., Chan, A., Malhotra, R., & Østbye, T. (2011). Fifteen dimensions of health among community-dwelling older Singaporeans. *Current gerontology and geriatrics research,* 2011.

### Q35 [SHOWCARD 24] How strongly do you agree or disagree with the following statements:

Strongly	Disagree	Agree	Strongly
Disagree			Agree

а	I have little control over the things that happen to me w2_Q35_a_GV1	1	2	3	4
b	There is really no way I can resolve some of the problems I have <mark>w2_Q35_b_GV1</mark>	1	2	3	4
С	There is little I can do to change many of the important things in my life w2_Q35_c_GV1	1	2	3	4
d	I often feel helpless in dealing with the problems in life <mark>w2_Q35_d_GV1</mark>	1	2	3	4
е	Sometimes I feel that I'm being pushed around in life w2_Q35_e_GV1	1	2	3	4

# w2\_mastery

(Created variable: Summary measure of personal mastery, continuous.)

Reference: Pearlin, L. I., & Schooler, C. (1978). The structure of coping. *Journal of health and social behavior*, 2-21.

# **SECTION G: INCOME**

Q36	[SHOWCARD 25] What is your (subject's) largest source of funds? Please select from the following the
	3 main sources indicating their order of importance.

First source w2_Q36_1st	
Second source w2_Q36_2 <sup>nd</sup>	
Third source w2_Q36_3 <sup>rd</sup>	

# (For internal coding only)

1	Income from work	6	Income in the form of rent from self-owned condominiums or real-estate
2	Pension	7	Income from family business
3	Central Provident Fund	8	Public assistance / Short-term financial assistance from Community Development Councils (CDC)
4	Savings, life insurance, bonds, stock	9	Other (Please specify:)
5	Financial support from children, grandchildren or relatives	10	Not sure
			= Financial support from religion groups, 13= Financial support to HDB, 16= Government growth dividend payout, 17= Social

Q37 [SHOWCARD 26] What is the total monthly income of this household (from all sources includes drawing down from savings)? w2\_Q37

1 Less than \$500 6 \$4000-\$4999 \$500-\$999 \$5000 and above 2 7 3 \$1000-\$1999 8 Refused 4 \$2000-\$2999 9 Don't know

**5** \$3000-\$3999

Q38		Q38 (5 = don'	<b>7] Do you feel tha</b> t know) oney, with some lef	-	ve adequ	late income to m	eet your ex	penses	per month?
	2	Just enoug	h money, no difficu	ılty					
	3	Some diffic	ulty to meet expen	ses					
	4	Much diffic	ulty to meet expen	ses					
<b>ECTIO</b>	N H: F	ROVISION/	RECEIPT OF TRA	NSFERS	6				
39.1	Do	you have gr	andchildren? <mark>w2</mark> _	Q39_1					
	1	Yes	2	No	[Go to Q	40]	3 DK	[Go to C	240]
39.2	In t	he past 12 m	nonths, have you	provideo	d assista	nce to baby sit y	our grandc	hildren?	w2_Q39_2
	1	Yes	2	No	[Go to Q	40]	3 DK	[Go to C	240]
39.3	lf Y	es, then hov	v often have you	provided	assistar	nce to baby sit yo	our grandcl	hildren?	w2_Q39_3
	1	Daily		6	Less th	nan once a year			
	2	Weekly		7	Others	, (please specify:_			)
	3	Once a mo	nth		w2_Q3	epends on need <mark>9_3_Other_r</mark> ays per week (Mon -	– Eri): <b>2</b> – 2 d	lave per w	reek (sat & sun):
					- 3 = 3 da	ays per week; <b>4</b> = A nds, when required]	few times pe	• •	
	4	Few times	a year	8	Don't k	now/ Can't say			
	5	Once a yea	ar						
240		ouse? w2_Q4	nonths, have you 0	-	-		-		-
	1	Yes		2	No <b>[Go t</b>	o Q43]	3 DK	[Go to C	243]
41	-		ase answer the qu						
	Q4'		Q41.2	Q41.3		Q41.4	Q41.5		Q41.6
	pro mo (see	o did you vide ney to? e coding e below)	Do you live together in the same household?	Gende	er	Age (in years) 888. Not sure	Marital st	atus	Work Status
	lau		1. Yes 2. No	1. Mal 2. Fen			1. Married Widowed	2.	1. Working full- time

9. Don't know

w2\_Q41\_1\_3

w2\_Q41\_2\_3

w2\_Q41\_3\_3

w2\_Q41\_4\_3

w2\_Q41\_1\_4

w2\_Q41\_2\_4

w2\_Q41\_3\_4

w2\_Q41\_4\_4

3. DK

w2\_Q41\_1\_2

w2\_Q41\_2\_2

w2\_Q41\_3\_2

w2\_Q41\_4\_2

w2\_Q41\_1\_1

w2\_Q41\_2\_1

w2\_Q41\_3\_1

w2\_Q41\_4\_1

2. Working part-

3. Not working

9. Don't know

w2\_Q41\_1\_6

w2\_Q41\_2\_6

w2\_Q41\_3\_6

w2\_Q41\_4\_6

time

3. Separated from

spouse

Divorced
 Never married

9. Don't know

w2\_Q41\_1\_5

w2\_Q41\_2\_5

w2\_Q41\_3\_5

w2\_Q41\_4\_5

	w2_Q41_5_1	w2_Q41_5_2	w2_Q41_5_3	w2_Q41_5_4	w2_Q41_5_5	w2_Q41_5_6
	w2_Q41_20_1	w2_Q41_20_2	w2_Q41_20_3	w2_Q41_20_4	w2_Q41_20_5	w2_Q41_20_6
		e Only – use for Q4	,			
	1 Children (bid	<b>c</b> ,	6 Siblings		11 Nephews/ I	Nieces
	<ul><li>2 Children (ad</li><li>3 Sons/ Daug</li></ul>	lopted/ step) hters-in-law	<ul><li>7 Brother</li><li>8 Grandc</li></ul>	/ Sister-in-law hild	<ol> <li>Cousins</li> <li>Other Related</li> </ol>	tives
	4 Parents				(Specify:	
	5 Fathers/ Mo	thers-in-law	<ul> <li>9 Grandparents (Specify: w2_Q41_Other_Other0 w2_Q41_Other_Other1 w2_Q41_Other_Other2 w2_Q41_Other_Other3 w2_Q41_Other_Other3 w2_Q41_Other_Other4 w2_Q41_Other_Other5 w2_Q41_Other_Other5 w2_Q41_Other_Other6 w2_Q41_Other_Other7)</li> </ul>			
Q42	How much mone	ey did you provide	in the past 12 n	nonths (Round o	off to nearest SGD\$)	
	SGD\$	w2_	_Q42_Codes (1 =	Refused, 2 = Don't	t know)	
Q43		onths, did you prov than your spouse?		help or help wi	th cooking to any of	f your family
	1 Yes		2 No <b>[Go to</b>	Q45]	3 DK <b>[Go to</b>	Q45]
Q44	If Yes, then pleas Q44.1	se answer the ques Q44.2	stions below: Q44.3	Q44.4	Q44.5	Q44.6
	-	Q44.Z		Q44.4	Q44.5	Q44.0
	Who did you	Do you live	Gender	Age (in	Marital status	Work Status
	Who did you help with housework? (see coding table below)	Do you live together in the same household? 1. Yes 2. No	1. Male	Age (in years) 888. Not sure	1. Married 2.	1. Working full-
	help with housework? (see coding	together in the same household?		years)		<ol> <li>Working full- time</li> <li>Working part-</li> </ol>
	help with housework? (see coding	together in the same household? 1. Yes 2. No	1. Male 2. Female	years)	1. Married 2. Widowed	1. Working full- time
	help with housework? (see coding	together in the same household? 1. Yes 2. No	1. Male 2. Female	years)	1. Married2.Widowed3. Separated fromspouse4. Divorced5. Never married	<ol> <li>Working full- time</li> <li>Working part- time</li> </ol>
	help with housework? (see coding	together in the same household? 1. Yes 2. No	1. Male 2. Female	years)	<ol> <li>Married 2.</li> <li>Widowed</li> <li>Separated from spouse</li> <li>Divorced</li> </ol>	<ol> <li>Working full- time</li> <li>Working part- time</li> <li>Not working</li> </ol>
	help with housework? (see coding table below)	together in the same household? 1. Yes 2. No 3. DK	1. Male 2. Female 9. Don't know	years) 888. Not sure	1. Married2.Widowed3. Separated fromspouse4. Divorced5. Never married9. Don't know	<ol> <li>Working full- time</li> <li>Working part- time</li> <li>Not working</li> <li>Don't know</li> </ol>
	help with housework? (see coding table below) w2_Q44_1_1	together in the same household? 1. Yes 2. No 3. DK w2_Q44_1_2	1. Male 2. Female 9. Don't know w2_Q44_1_3	years) 888. Not sure w2_Q44_1_4	1. Married2.Widowed3. Separated fromspouse4. Divorced5. Never married9. Don't knoww2_Q44_1_5	<ol> <li>Working full- time</li> <li>Working part- time</li> <li>Not working</li> <li>Don't know</li> <li>w2_Q44_1_6</li> </ol>
	help with housework? (see coding table below) w2_Q44_1_1 w2_Q44_2_1	together in the same household? 1. Yes 2. No 3. DK w2_Q44_1_2 w2_Q44_2_2	1. Male 2. Female 9. Don't know w2_Q44_1_3 w2_Q44_2_3	years) 888. Not sure w2_Q44_1_4 w2_Q44_2_4	1. Married2.Widowed3. Separated fromspouse4. Divorced5. Never married9. Don't knoww2_Q44_1_5w2_Q44_2_5	1. Working full- time 2. Working part- time 3. Not working 9. Don't know w2_Q44_1_6 w2_Q44_2_6
	help with housework? (see coding table below) w2_Q44_1_1 w2_Q44_2_1 w2_Q44_3_1	together in the same household? 1. Yes 2. No 3. DK w2_Q44_1_2 w2_Q44_2_2 w2_Q44_3_2	1. Male 2. Female 9. Don't know w2_Q44_1_3 w2_Q44_2_3 w2_Q44_3_3	years) 888. Not sure w2_Q44_1_4 w2_Q44_2_4 w2_Q44_3_4	1. Married2.Widowed3. Separated fromspouse4. Divorced5. Never married9. Don't knoww2_Q44_1_5w2_Q44_2_5w2_Q44_3_5	1. Working full- time 2. Working part- time 3. Not working 9. Don't know w2_Q44_1_6 w2_Q44_2_6 w2_Q44_3_6
	help with housework? (see coding table below) w2_Q44_1_1 w2_Q44_2_1 w2_Q44_3_1 w2_Q44_4_1	together in the same household? 1. Yes 2. No 3. DK w2_Q44_1_2 w2_Q44_2_2 w2_Q44_3_2 w2_Q44_4_2	1. Male 2. Female 9. Don't know w2_Q44_1_3 w2_Q44_2_3 w2_Q44_3_3 w2_Q44_4_3	years) 888. Not sure w2_Q44_1_4 w2_Q44_2_4 w2_Q44_3_4 w2_Q44_4_4	1. Married2.Widowed3. Separated fromspouse4. Divorced5. Never married9. Don't knoww2_Q44_1_5w2_Q44_2_5w2_Q44_3_5w2_Q44_4_5	1. Working full- time 2. Working part- time 3. Not working 9. Don't know w2_Q44_1_6 w2_Q44_2_6 w2_Q44_3_6 w2_Q44_4_6
	help with housework? (see coding table below) w2_Q44_1_1 w2_Q44_2_1 w2_Q44_3_1 w2_Q44_4_1 w2_Q44_5_1	together in the same household? 1. Yes 2. No 3. DK w2_Q44_1_2 w2_Q44_2_2 w2_Q44_3_2 w2_Q44_3_2 w2_Q44_4_2 w2_Q44_5_2	1. Male 2. Female 9. Don't know w2_Q44_1_3 w2_Q44_2_3 w2_Q44_3_3 w2_Q44_4_3 w2_Q44_5_3	years) 888. Not sure w2_Q44_1_4 w2_Q44_2_4 w2_Q44_3_4 w2_Q44_3_4 w2_Q44_5_4	1. Married       2.         Widowed       3. Separated from spouse         4. Divorced       5.         5. Never married       9.         9. Don't know       w2_Q44_1_5         w2_Q44_2_5       w2_Q44_3_5         w2_Q44_4_5       w2_Q44_5_5	1. Working full- time 2. Working part- time 3. Not working 9. Don't know w2_Q44_1_6 w2_Q44_2_6 w2_Q44_3_6 w2_Q44_3_6 w2_Q44_5_6
	help with housework? (see coding table below) w2_Q44_1_1 w2_Q44_2_1 w2_Q44_3_1 w2_Q44_3_1 w2_Q44_4_1 w2_Q44_5_1 w2_Q44_5_1 w2_Q44_6_1 w2_Q44_7_1	together in the same household? 1. Yes 2. No 3. DK w2_Q44_1_2 w2_Q44_2_2 w2_Q44_3_2 w2_Q44_3_2 w2_Q44_4_2 w2_Q44_5_2 w2_Q44_5_2 w2_Q44_6_2 w2_Q44_7_2 e Only – use for Q4 <sup>2</sup>	1. Male 2. Female 9. Don't know w2_Q44_1_3 w2_Q44_2_3 w2_Q44_3_3 w2_Q44_4_3 w2_Q44_4_3 w2_Q44_5_3 w2_Q44_6_3 w2_Q44_7_3	years) 888. Not sure w2_Q44_1_4 w2_Q44_2_4 w2_Q44_2_4 w2_Q44_3_4 w2_Q44_4_4 w2_Q44_5_4 w2_Q44_6_4 w2_Q44_6_4 w2_Q44_7_4	1. Married       2.         Widowed       3. Separated from spouse         4. Divorced       5.         5. Never married       9.         9. Don't know       w2_Q44_1_5         w2_Q44_2_5       w2_Q44_3_5         w2_Q44_4_5_5       w2_Q44_6_5	1. Working full- time 2. Working part- time 3. Not working 9. Don't know w2_Q44_1_6 w2_Q44_2_6 w2_Q44_2_6 w2_Q44_3_6 w2_Q44_4_6 w2_Q44_5_6 w2_Q44_6_6 w2_Q44_7_6
	help with housework? (see coding table below) w2_Q44_1_1 w2_Q44_2_1 w2_Q44_3_1 w2_Q44_4_1 w2_Q44_5_1 w2_Q44_5_1 w2_Q44_6_1 w2_Q44_6_1 w2_Q44_7_1 (For Internal Code 1 Children (bio	together in the same household? 1. Yes 2. No 3. DK w2_Q44_1_2 w2_Q44_2_2 w2_Q44_3_2 w2_Q44_3_2 w2_Q44_4_2 w2_Q44_5_2 w2_Q44_5_2 w2_Q44_6_2 w2_Q44_7_2 e Only – use for Q4 <sup>2</sup>	1. Male 2. Female 9. Don't know w2_Q44_1_3 w2_Q44_2_3 w2_Q44_2_3 w2_Q44_3_3 w2_Q44_4_3 w2_Q44_5_3 w2_Q44_6_3 w2_Q44_6_3 w2_Q44_7_3 1~Q60) 6 Sibling:	years) 888. Not sure w2_Q44_1_4 w2_Q44_2_4 w2_Q44_2_4 w2_Q44_3_4 w2_Q44_4_4 w2_Q44_5_4 w2_Q44_6_4 w2_Q44_6_4 w2_Q44_7_4	1. Married       2.         Widowed       3. Separated from spouse         4. Divorced       5.         5. Never married       9.         9. Don't know       w2_Q44_1_5         w2_Q44_2_5       w2_Q44_3_5         w2_Q44_5_5       w2_Q44_6_5         w2_Q44_7_5       w2_Q44_7_5	1. Working full- time 2. Working part- time 3. Not working 9. Don't know w2_Q44_1_6 w2_Q44_2_6 w2_Q44_2_6 w2_Q44_3_6 w2_Q44_4_6 w2_Q44_5_6 w2_Q44_6_6 w2_Q44_7_6

	4 Parents		9 Grandparents		(Specify: w2_Q44_Others_Other0 w2_Q44_Others_Other1 w2_Q44_Others_Other2)		
5 Fathers/ Mo	others-in-law	10 Uncles/	Aunts		,		
In the past 12 m spouse? w2_Q45		vide food or clo	thes to any of y	our family members	, other than you		
1 Yes	2	No <b>[Go to Q</b>	471	3 DK [Go to	Q471		
		-					
If Yes, then plea Q46.1	se answer the ques Q46.2	answer the questions below: Q46.2 Q46.3 Q46.4		Q46.5 Q46.6			
Which relative	Q40.2	Gender	Age (in	Marital status	Work Status		
did you provide food/ clothes to? (see coding	Do you live together in the same	Conder	years) 888. Not sure				
table below)	household? 1. Yes 2. No 3. DK	1. Male 2. Female 9. Don't know		1. Married2.Widowed3. Separated fromspouse4. Divorced5. Never married9. Don't know	<ol> <li>Working full- time</li> <li>Working part time</li> <li>Not working</li> <li>Don't know</li> </ol>		
w2_Q46_1_1	w2_Q46_1_2	w2_Q46_1_3	w2_Q46_1_4	w2_Q46_1_5	w2_Q46_1_6		
w2_Q46_2_1	w2_Q46_2_2	w2_Q46_2_3	w2_Q46_2_4	w2_Q46_2_5	w2_Q46_2_6		
w2_Q46_3_1	w2_Q46_3_2	w2_Q46_3_3	w2_Q46_3_4	w2_Q46_3_5	w2_Q46_3_6		
w2_Q46_4_1	w2_Q46_4_2	w2_Q46_4_3	w2_Q46_4_4	w2_Q46_4_5	w2_Q46_4_6		
w2_Q46_5_1	w2_Q46_5_2	w2_Q46_5_3	w2_Q46_5_4	w2_Q46_5_5	w2_Q46_5_6		
		•		•			
w2_Q46_10_1	w2_Q46_10_2	w2_Q46_10_3	w2_Q46_10_4	w2_Q46_10_5	w2_Q46_10_6		

# In the past 12 months, did you provide emotional support or advice to any of your family members, other than your spouse? w2\_Q47

1 Yes

Q47

[Go to Q49]

2

3 DK [Go to Q49]

Q48

# If Yes, then please answer the questions below:

Q48.1	Q48.2	Q48.3	Q48.4	Q48.5	Q48.6
Who did you provide emotional support/ advice to? (see coding table below)	Do you live together in the same household?	Gender	Age (in years) 888. Not sure	Marital status	Work Status
	1. Yes 2. No 3. DK	1. Male 2. Female 9. Don't know		<ol> <li>Married</li> <li>Widowed</li> <li>Separated from spouse</li> <li>Divorced</li> <li>Never married</li> <li>Don't know</li> </ol>	<ol> <li>Working full- time</li> <li>Working part- time</li> <li>Not working</li> <li>Don't know</li> </ol>
w2_Q48_1_1	w2_Q48_1_2	w2_Q48_1_3	w2_Q48_1_4	w2_Q48_1_5	w2_Q48_1_6
w2_Q48_2_1	w2_Q48_2_2	w2_Q48_2_3	w2_Q48_2_4	w2_Q48_2_5	w2_Q48_2_6
w2_Q48_3_1	w2_Q48_3_2	w2_Q48_3_3	w2_Q48_3_4	w2_Q48_3_5	w2_Q48_3_6
w2_Q48_4_1	w2_Q48_4_2	w2_Q48_4_3	w2_Q48_4_4	w2_Q48_4_5	w2_Q48_4_6
w2_Q48_5_1	w2_Q48_5_2	w2_Q48_5_3	w2_Q48_5_4	w2_Q48_5_5	w2_Q48_5_6
•	· ·		•	•	
w2_Q48_10_1	w2_Q48_10_2	w2_Q48_10_3	w2_Q48_10_4	w2_Q48_10_5	w2_Q48_10_6

(For Internal Code Only – use for Q41 ~ Q60)						
1	Children (biological)	6	Siblings	11	Nephews/ Nieces	
2	Children (adopted/ step)	7	Brother/ Sister-in-law	12	Cousins	
3	Sons/ Daughters-in-law	8	Grandchild	13	Other Relatives	
4	Parents	9	Grandparents		(Specify:	
5	Fathers/ Mothers-in-law	10	Uncles/ Aunts		w2_Q48_Others_Other0 w2_Q48_Others_Other1 w2_Q48_Others_Other2 w2_Q48_Others_Other3 w2 Q48 Others Other4	

# **RECEIPT OF TRANSFERS**

Q49 In the past 12 months, have you received money from any of your family members, other than your spouse? w2\_Q49

- 1 Yes
- No **[Go to Q51]**

2

DK **[Go to Q51]** 

3

# Q50 If Yes, then please answer the questions below:

Q50.1	Q50.2	Q50.3	Q50.4	Q50.5	Q50.6
Who provided you money? (see coding table below)	Do you live together in the same household?	Gender	Age (in years) 888. Not sure	Marital status	Work Status

	1. Yes 2. No 3. DK	1. Ma 2. Fei 9. Do			Wido 3. Se spou 4. Di 5. Ne	eparated from	<ol> <li>Working full- time</li> <li>Working part- time</li> <li>Not working</li> <li>Don't know</li> </ol>
w2_Q50_1_1	w2_Q50_1_2	w2_Q	50_1_3	w2_Q50_1_4	w2_C	250_1_5	w2_Q50_1_6
w2_Q50_2_1	w2_Q50_2_2	w2_Q	50_2_3	w2_Q50_2_4	w2_C	250_2_5	w2_Q50_2_6
w2_Q50_3_1	w2_Q50_3_2	w2_Q	50_3_3	w2_Q50_3_4	w2_C	250_3_5	w2_Q50_3_6
w2_Q50_4_1	w2_Q50_4_2	w2_Q	50_4_3	w2_Q50_4_4	w2_C	250_4_5	w2_Q50_4_6
w2_Q50_5_1	w2_Q50_5_2	w2_Q	50_5_3	w2_Q50_5_4	w2_C	250_5_5	w2_Q50_5_6
· ·	· ·	•		•	•		
w2_Q50_10_1	w2_Q50_10_2	w2_Q	50_10_3	w2_Q50_10_4	w2_C	250_10_5	w2_Q50_10_6
(For Internal Cod	e Only – use for Q41	I ~ Q60	)		•		
1 Children (b	iological)	6	Siblings		11	Nephews/ Ni	eces
2 Children (a	dopted/ step)	7	Brother/	Sister-in-law	12	Cousins	
3 Sons/ Daug	hters-in-law	8 Grandchild		nild	13	Other Relativ	/es
4 Parents		9	Grandpa	arents		(Specify:	
5 Fathers/ Mo	others-in-law	10	Uncles/	Aunts	w2_Q50_Others_Other0 w2_Q50_Others_Other1 w2_Q50_Others_Other2 w2_Q50_Others_Other3)		ers_Other1 ers_Other2

# Q51 In the past 12 months, did you receive housework help from any of your family members, other than your spouse? w2\_Q51

2

1 Yes

No **[Go to Q53]** 

DK **[Go to Q53]** 

3

#### Q52 If Yes, then please answer the questions below:

Q52.1	Q52.2	Q52.3	Q52.4	Q52.5	Q52.6
Who helped you with housework? (see coding table below)	Do you live together in the same household?	Gender	Age (in years) 888. Not sure	Marital status	Work Status
,	1. Yes 2. No 3. DK	1. Male 2. Female 9. Don't know		1. Married2.Widowed3. Separated fromspouse4. Divorced5. Never married9. Don't know	<ol> <li>Working full- time</li> <li>Working part- time</li> <li>Not working</li> <li>Don't know</li> </ol>
w2_Q52_1_1	w2_Q52_1_2	w2_Q52_1_3	w2_Q52_1_4	w2_Q52_1_5	w2_Q52_1_6
w2_Q52_2_1	w2_Q52_2_2	w2_Q52_2_3	w2_Q52_2_4	w2_Q52_2_5	w2_Q52_2_6
w2_Q52_3_1	w2_Q52_3_2	w2_Q52_3_3	w2_Q52_3_4	w2_Q52_3_5	w2_Q52_3_6
w2_Q52_4_1	w2_Q52_4_2	w2_Q52_4_3	w2_Q52_4_4	w2_Q52_4_5	w2_Q52_4_6
w2_Q52_5_1	w2_Q52_5_2	w2_Q52_5_3	w2_Q52_5_4	w2_Q52_5_5	w2_Q52_5_6

w2_	Q52_6_1	w2_Q52_6_2	w2_Q	52_6_3	w2_Q52_6_4	w2_0	Q52_6_5	w2_Q52_6_6
w2_	Q52_7_1	w2_Q52_7_2	w2_Q	52_7_3	w2_Q52_7_4	w2_0	Q52_7_5	w2_Q52_7_6
For 1	Internal Code Children (bio	Only – use for Q41 blogical)	I ~ Q60) 6	Sibling	js	11	Nephews/ N	ieces
2	Children (ad	opted/ step)	7	Brothe	er/ Sister-in-law	12	Cousins	
3	Sons/ Daugł	nters-in-law	8	Grand	child	13	Other Relativ	/es
4	Parents		9	Grand	parents		(Specify: w2_Q52_Oth w2_Q52_Oth	

## Q53 In the past 12 months, did you receive food, clothes, or other material goods from any of your family members, other than your spouse? w2\_Q53

```
1 Yes
```

No [Go to Q55]

2

DK **[Go to Q55]** 

3

Q54 If Yes, then please answer the questions below:

Q54.1	Q54.2	Q54.3	Q54.4	Q54.5	Q54.6
Who provided you with food, clothes, or other material goods? (see coding table below)	Do you live together in the same household?	Gender	Age (in years) 888. Not sure	Marital status	Work Status
	1. Yes 2. No 3. DK	1. Male 2. Female 9. Don't know		1. Married2.Widowed3. Separated fromspouse4. Divorced5. Never married9. Don't know	<ol> <li>Working full- time</li> <li>Working part- time</li> <li>Not working</li> <li>Don't know</li> </ol>
w2_Q54_1_1	w2_Q54_1_2	w2_Q54_1_3	w2_Q54_1_4	w2_Q54_1_5	w2_Q54_1_6
w2_Q54_2_1	w2_Q54_2_2	w2_Q54_2_3	w2_Q54_2_4	w2_Q54_2_5	w2_Q54_2_6
w2_Q54_3_1	w2_Q54_3_2	w2_Q54_3_3	w2_Q54_3_4	w2_Q54_3_5	w2_Q54_3_6
w2_Q54_4_1	w2_Q54_4_2	w2_Q54_4_3	w2_Q54_4_4	w2_Q54_4_5	w2_Q54_4_6
w2_Q54_5_1	w2_Q54_5_2	w2_Q54_5_3	w2_Q54_5_4	w2_Q54_5_5	w2_Q54_5_6
•		•	•	•	•
•		•			
w2_Q54_10_1	w2_Q54_10_2	w2_Q54_10_3	w2_Q54_10_4	w2_Q54_10_5	w2_Q54_10_6

(Fo	(For Internal Code Only – use for Q41 ~ Q60)							
1	Children (biological)	6	Siblings	11	Nephews/ Nieces			
2	Children (adopted/ step)	7	Brother/ Sister-in-law	12	Cousins			
3	Sons/ Daughters-in-law	8	Grandchild	13	Other Relatives			
4	Parents	9	Grandparents		(Specify: w2_Q54_Others_Other0			
5	Fathers/ Mothers-in-law	10	Uncles/ Aunts		w2_Q54_Others_Other1 w2_Q54_Others_Other2			
					w2_Q54_Others_Other3)			

Q55 In the past 12 months, did you receive physical care (e.g., help with eating, bathing, toileting, moving around the house) from any of your family members, other than your spouse? w2\_Q55

 1
 Yes
 2
 No [Go to Q57]
 3
 DK [Go to Q57]

Q56 If Yes, then please answer the questions below:

Q56.′	· · ·	Q56.2	Q56.3	-	Q56.4	Q56.5	5	Q56.6
you w help? (see o	provided with this ? coding below)	Do you live together in the same household?	Gende		Age (in years) 888. Not sure		al status	Work Status
		1. Yes 2. No 3. DK	1. Male 2. Fem 9. Don'	ale		spous 4. Div 5. Ne	wed parated from	<ol> <li>Working full- time</li> <li>Working part- time</li> <li>Not working</li> <li>Don't know</li> </ol>
w2_Q	56_1_1	w2_Q56_1_2	w2_Q56	6_1_3	w2_Q56_1_4	w2_Q	56_1_5	w2_Q56_1_6
w2_Q	56_2_1	w2_Q56_2_2	w2_Q56	6_2_3	w2_Q56_2_4	w2_Q	56_2_5	w2_Q56_2_6
w2_Q	56_3_1	w2_Q56_3_2	w2_Q56	6_3_3	w2_Q56_3_4	w2_Q	56_3_5	w2_Q56_3_6
w2_Q	56_4_1	w2_Q56_4_2	w2_Q56	6_4_3	w2_Q56_4_4	w2_Q	56_4_5	w2_Q56_4_6
w2_Q	56_5_1	w2_Q56_5_2	w2_Q56	6_5_3	w2_Q56_5_4	w2_Q	56_5_5	w2_Q56_5_6
(For I	nternal Code	Only – use for Q41	~ Q60)					
1	Children (bi	ological)	6	Sibling	6	11	Nephews/ N	ieces
2	Children (ad	dopted/ step)	7	Brother	/ Sister-in-law	12	Cousins	
3	Sons/ Daug	hters-in-law	8	Grando	hild	13 Other Relatives		ves
4	Parents		9	Grandp	parents		(Specify: w2_Q56_Oth	ers_Other0)
5	Fathers/ Mo	others-in-law	10	Uncles,	Aunts			-

Q57 In the past 12 months, did you receive help to go to the doctors, marketing, shopping, go out to visit friends, using public transportation from any of your family members, other than your spouse? w2\_Q57

No [Go to Q59]

1

Yes

If Yes, then please answer the questions below:

2

Q58.1	Q58.2	Q58.3	Q58.4	Q58.5	Q58.6
Who provided you with this help? (see coding table below)	Do you live together in the same household?	Gender	Age (in years) 888. Not sure	Marital status	Work Status
,	1. Yes 2. No 3. DK	1. Male 2. Female 9. Don't know		1. Married2.Widowed3. Separated fromspouse4. Divorced5. Never married9. Don't know	<ol> <li>Working full- time</li> <li>Working part- time</li> <li>Not working</li> <li>Don't know</li> </ol>
w2_Q58_1_1	w2_Q58_1_2	w2_Q58_1_3	w2_Q58_1_4	w2_Q58_1_5	w2_Q58_1_6
w2_Q58_2_1	w2_Q58_2_2	w2_Q58_2_3	w2_Q58_2_4	w2_Q58_2_5	w2_Q58_2_6

3

DK [Go to Q59]

Q58

w2_Q58_3_1	w2_Q58_3_2	w2_Q58_3_3	w2_Q58_3_4	w2_Q58_3_5	w2_Q58_3_6
w2_Q58_4_1	w2_Q58_4_2	w2_Q58_4_3	w2_Q58_4_4	w2_Q58_4_5	w2_Q58_4_6
w2_Q58_5_1	w2_Q58_5_2	w2_Q58_5_3	w2_Q58_5_4	w2_Q58_5_5	w2_Q58_5_6
		· ·		•	
w2_Q58_9_1	w2_Q58_9_2	w2_Q58_9_3	w2_Q58_9_4	w2_Q58_9_5	w2_Q58_9_6
(For Internal Code	e Only – use for for	Q41 ~ Q60)	• 		
1 Children (bid	•	6 Siblings	;	11 Nephews/ Ni	eces
2 Children (ad	lopted/ step)	7 Brother	Sister-in-law	12 Cousins	
3 Sons/ Daug	hters-in-law	8 Grandc	hild	13 Other Relativ	/es
4 Parents		9 Grandp	arents	(Specify:	
5 Fathers/ Mo	thers-in-law	10 Uncles/	Aunts	w2_Q58_Oth	ers_Other0)
	2	No [Go to Q	61]	3 DK [Go to Q	61]
	2 se answer the que Q60.2	-	61] Q60.4	3 DK [Go to Q Q60.5	61] Q60.6
If Yes, then pleas Q60.1 Who gave you emotional support/ advice? (see coding	se answer the que	stions below:	-	-	-
If Yes, then pleas Q60.1 Who gave you emotional support/ advice?	se answer the que Q60.2 Do you live together in the same	stions below: Q60.3	Q60.4 Age (in years)	- Q60.5	- Q60.6
If Yes, then pleas Q60.1 Who gave you emotional support/ advice? (see coding	se answer the quest         Q60.2         Do you live         together in the         same         household?         1. Yes         2. No	stions below: Q60.3 Gender 1. Male 2. Female	Q60.4 Age (in years)	Q60.5 Marital status	Q60.6 Work Status
If Yes, then pleas Q60.1 Who gave you emotional support/ advice? (see coding table below)	Se answer the que Q60.2 Do you live together in the same household? 1. Yes 2. No 3. DK	stions below: Q60.3 Gender 1. Male 2. Female 9. Don't know	Q60.4 Age (in years) 888. Not sure	Q60.5 Marital status	Q60.6 Work Status 1. Working full time 2. Working par time 3. Not working 9. Don't know
If Yes, then pleas Q60.1 Who gave you emotional support/ advice? (see coding table below) w2_Q60_1_1	Se answer the que Q60.2 Do you live together in the same household? 1. Yes 2. No 3. DK w2_Q60_1_2	stions below: Q60.3 Gender 1. Male 2. Female 9. Don't know w2_Q60_1_3	Q60.4 Age (in years) 888. Not sure w2_Q60_1_4	Q60.5 Marital status	Q60.6 Work Status 1. Working full time 2. Working partime 3. Not working 9. Don't know w2_Q60_1_6
If Yes, then pleas Q60.1 Who gave you emotional support/ advice? (see coding table below) w2_Q60_1_1 w2_Q60_2_1	Se answer the quest         Q60.2         Do you live         together in the         same         household?         1. Yes         2. No         3. DK         w2_Q60_1_2         w2_Q60_2_2	stions below: Q60.3 Gender 1. Male 2. Female 9. Don't know w2_Q60_1_3 w2_Q60_2_3	Q60.4 Age (in years) 888. Not sure w2_Q60_1_4 w2_Q60_2_4	Q60.5 Marital status	Q60.6 Work Status 1. Working full time 2. Working partime 3. Not working 9. Don't know w2_Q60_1_6 w2_Q60_2_6
If Yes, then pleas Q60.1 Who gave you emotional support/ advice? (see coding table below) w2_Q60_1_1 w2_Q60_2_1 w2_Q60_3_1	se answer the questionQ60.2Do you live together in the same household?1. Yes 2. No 3. DKw2_Q60_1_2w2_Q60_2_2w2_Q60_3_2	stions below:         Q60.3         Gender         1. Male         2. Female         9. Don't know         w2_Q60_1_3         w2_Q60_2_3         w2_Q60_3_3	Q60.4 Age (in years) 888. Not sure w2_Q60_1_4 w2_Q60_2_4 w2_Q60_3_4	Q60.5 Marital status	Q60.6 Work Status

Q59

Q60

w2\_Q60\_9\_1

w2\_Q60\_9\_2

(For Internal Code Only – use for for Q41 ~ Q60)						
1	Children (biological)	6	Siblings	11	Nephews/ Nieces	
2	Children (adopted/ step)	7	Brother/ Sister-in-law	12	Cousins	

w2\_Q60\_9\_4

w2\_Q60\_9\_5

w2\_Q60\_9\_3

w2\_Q60\_9\_6

	3	Sons/ Dau	ghters	-in-law	8	G	randchild		13	Other Relatives
	4	Parents			9	G	randparents			(Specify: w2_Q60_Others_Other0 w2_Q60_Others_Other1)
	5	Fathers/ N	lothers	-in-law	10	U	ncles/ Aunts			,
SECTI	ON I: I	HEALTH INSU	RANC	E						
Q61	Do y	vou (subject) l	have a	Medis	ave account	for yo	ourself (himself/he	erself	)? w2_Q61	
	1	Yes	2	No	[Go to Q64]	3	Don't know <b>[Go</b>	to Q	64]	
Q62	[If Q	61 = 1 Yes] Ha	ave yo	u ever	used your p	erson	al Medisave acco	unt to	pay for he	ealth services? w2_Q62
	1	Yes	2	No		3	Don't know	4	Refused	
Q63	How w2_0	-	/ do yo	ou (sub	ject) have in	your	(subject's) Medisa	ave a	ccount at	present? (SGD\$)
	1	\$0 - \$4,999				6	\$25,000 - \$29,99	9		
	2	\$5,000 - \$9,	999			7	≥ \$30,000			
	3	\$10,000 - \$1	14,999			8	Don't know			
	4	\$15,000 - \$1	19,000			9	Refused			
	5	\$20,000 - \$2	24,999							
Q64	Doy	you (subject)	have N	/lediSh	ield for your	self (h	imself/herself)? <mark>w</mark>	/2_Q6	4	
	1	Yes	2	No		3	Don't know			
Q65	Doy	you (subject)	have p	orivate	health insura	ance f	or yourself (himse	elf/he	rself)? <mark>w2</mark> _	_Q65
	1	Yes	2	No		3	Don't know			
Q66		you (subject) vious employe			enefits for y	ourse	lf (himself/herself	) thrc	ough your	(his/her) current or
	1	Yes	2	No		3	Not Applicable	4	Don't kno	w
Q67	Doy	you have Elde	erShiel	d for y	ourself? <mark>w2</mark> _	Q67				
	1	Yes	2	No		3	Not sure			

### SECTION J: HEALTH CARE UTILIZATION

#### Now I would like to ask you about (subject)'s contact with health professionals and services

[For variables w2\_Q68a\_iv\_LargestSource\_Other\_r, w2\_Q68\_b\_iv\_Largest\_source\_Other\_r, w2\_Q69\_2\_iii\_Largestsource\_Other\_r, w2\_Q70\_2\_iv\_Other\_r and w2\_Q71\_3\_iv\_largestsource\_Other\_, these are the following codes

(1 = Spouse of child: son-in-law; daughter in law, 2=Grandchild: grandson, 3=Grandchild's medisave: grandson/granddaughter's Medisave, 4=Sibling;brothers/sisters, 5=God-sister, 6=Pension pay 85%; pension; government pension; free pension, 7=Spouse's pension scheme: covered by husband pension scheme, 8=Medisave and own pocket, 9=Insurance, 10=Medical assistant (government); full assistance (hospital); welfare organisation; Ministry, 11=Company: company paid; company insurance;child employer benefits, 13= clinical trial, 14 = Not sure; not stated; don't remember; waiting for bill, 15=na, 16= niece, 17= Free of charge)]

#### Q68 [SHOWCARD 28]

(i) During the <u>last one</u> <u>month</u> , did you (subject) 	No	Yes	(ii) Number of times in the <u>last</u> <u>one month</u>	If 1 or more vis	it in last month
				(iii) How much did you pay out-of-pocket on a typical visit?	(iv) Thinking about all visits in last one month, what was the <b>largest source</b> of payment for these visits
<b>a</b> . see or talk to a <b>doctor</b>			times		
in a public or private hospital or a polyclinic? w2_Q68a_i	2 [Go to b]	1 →	w2_Q68a_ii_times w2_Q68a_ii_times _Codes (1 = Don't know, 2 = Refused)	w2_Q68a_iii_Pay w2_Q68a_iii_Pay_Code s (1 = Don't know, 2 = Refused)	w2_Q68a_iv_LargestS ource w2_Q68a_iv_LargestS ource_Other_r
b. see or talk to a Traditional Chinese	2		times	w2_Q68_b_iii_Pay	w2_Q68_b_iv_Largest _source
Medicine (TCM) practitioner or a traditional healer? w2_Q68b_i	[Go to Q69]	1 →	w2_Q68b_ii_times w2_Q68b_ii_times _Codes (1 = Don't know, 2 = Refused)	w2_Q68_b_iii_Pay_Cod es (1 = Don't know, 2 = Refused)	w2_Q68_b_iv_Largest _source_Other

## Q69.1 During the <u>last six months</u>, did you (subject) go to a hospital emergency room for help with a health problem? w2\_Q69\_1

1 Yes 2 No [Go to Q70]

#### Q69.2

(i) Number of times in	If 1 or more visit in <u>last six month</u>						
the <u>last six</u> months w2_Q69_2_i_Times w2_Q69_2_i_Times_Codes (1 = Don't know, 2 = Refused)	<ul> <li>(ii) How much did you pay out-of- pocket on a typical visit?</li> <li>w2_Q69_2_ii_Pay</li> <li>w2_Q69_2_ii_Pay_Codes</li> <li>(1 = Don't know, 2 = Refused)</li> </ul>	<ul> <li>(iii) Thinking about all visits in last six months, what was the largest source of payment for these visits w2_Q69_2_iii_Largestsource</li> <li>w2_Q69_2_iii_Largestsource_Other</li> </ul>					
times	S\$						
(For Internal Code Only – us	se for Q68(iii),(iv) & Q69.1 (iv), (v), Q	69.2(iv), (v), (iv), Q70 (v),Q71(vi),Q75 (iii) & Q76.2)					

1	Own pocket	7	Medifund	
2	Child's pocket	8	Medishield	
3	Own Medisave	9	Own Private health insurance	
4	Spouse out-of-pocket	10	Civil Service card	
5	Spouse's Medisave	11	Social Assistance scheme	
6	Child's Medisave	12	Others (Specify:)	

# Q70.1 During the <u>last six months</u>, were you (subject) admitted to a public/ private hospital (By admitted, I mean he/she was kept in a hospital for at least one night in a hospital bed) w2\_Q70\_1

1 Yes 2 No [Go to Q71]

(i) Number of Nights, over all admissions during the <u>last six</u> <u>months</u> w2_Q70_2_i_Nights w2_Q70_2_i_Nights_Codes (1 = Don't know, 2 = Refused)	<pre>(ii) How long was your last admission? w2_Q70_2_ii_Lastad mission w2_Q70_2_ii_Lastad mission_Codes (1 = Don't know, 2 = Refused)</pre>	<pre>(iii) How much did you pay out-of-pocket for your last admission? w2_Q70_2_iii_Pay w2_Q70_2_iii_Pay_Codes (1 = Don't know, 2 = Refused)</pre>	<ul> <li>(iv) Thinking about all admissions in last six months, what was the largest source of payment for these admissions?</li> <li>w2_Q70_2_iv</li> <li>w2_Q70_2_iv_Other_r</li> </ul>
nights	nights	S\$	

Q71.1 In the <u>last two years/ since the last survey</u>, have you (the subject) ever been admitted to a nursing home?

[Interviewer: Please also ask this question to the proxy if subject is already in nursing home i.e. response to "P2 is (2)"]  $w2_Q71_1$ 

1 Yes

2 No [Go to Q72]

Q71.2 How many times have you (subject) been admitted to a nursing home in <u>last two</u> <u>years/ since the last survey</u>? [Include current stay in nursing home if P2 is 2]

w2\_Q71\_2

w2\_Q71\_2\_Codes

Q71.3

Q/1.3				
(i) Number of Nights, over all nursing home admissions during the <u>last 2</u> <u>years</u>	(ii) When were you (the subject) admitted to the nursing home (If more than once, record most recent)	(iii) How long was your (subject's) last admission?	<ul> <li>(iv) How much did you</li> <li>pay out-of-pocket for your</li> <li>last admission?</li> <li>(Interviewer: If the subject is still in a nursing home, then please ask how much has the subject/family member</li> <li>paid out-of-pocket up till now?)</li> </ul>	(v) Thinking about all admissions in last six months, what was the <b>largest source</b> of payment for these admissions?
nights w2_Q71_3_i_Nigh ts w2_Q71_3_i_Nigh ts_Codes (1 = Don't know, 2 = Refused)	Yr Mth w2_Q71_3_ii_Year w2_Q71_3_ii_Year_Co des (1 = Don't know, 2 = Refused) w2_Q71_3_ii_Mth w2_Q71_3_ii_Mth_Co des (1 = Don't know, 2 = Refused)	nights w2_Q71_3_iii_I astadmission w2_Q71_3_iii_I astadmission_ Codes (1 = Don't know, 2 = Refused)	S\$ w2_Q71_3_iv_pay w2_Q71_3_iv_pay_Codes (1 = Don't know, 2 = Refused)	w2_Q71_3_iv_largestsource w2_Q71_3_iv_largestsource _Other_

Q72 In the <u>last two years/ since the last survey</u>, have you (the subject) ever actively sought consultation for admission to a nursing home? w2\_Q72

1 Yes 2 No 3 NA

times

Q73.1 (i) <u>If Q71.1 or Q72 is 1= Yes</u>, then when you (the subject) were admitted or actively sought consultation for admission to a nursing home, how difficult did you (the subject) find it to \_\_\_\_\_ alone without the assistance of a person or assistive device?

(ii) How long before the first nursing home admission/ first seeking consultation for admission to a nursing home, did difficulty in \_\_\_\_\_begin?

(iii) [Interviewer: Only to be asked to the proxy] On a scale of 1 to 10, where 1 is not much stress at all, and 10 is a great deal of stress, how much stress did the main caregiver have while assisting (subject) to \_\_\_\_?

[Here, the main caregiver is a family member or friend of (subject) who is most involved in providing care or ensuring provision of care to (subject)]

Activities	(i) How difficult?	(ii) Length of time between onset of difficulty and first admission to a nursing home/ seeking consultation for admission to nursing home?	(iii) Stress to the main caregiver as a result of providing care. Please rate on a scale of 1-10 [Interviewer: Only ask the proxy]
<b>a</b> Take a bath/shower	<ol> <li>Not difficult [Go to b]</li> <li>Somewhat difficult</li> </ol>	Days w2_Q73_1a_ii_D	Less More Stress Stress
	<ol> <li>Very difficult</li> <li>Unable to perform</li> </ol>	Months w2_Q73_1a_ii_M	1 2 3 4 5 6 7 8 9 10
	5. Not sure [Go to b] w2_Q73_1a_i	Years <u> </u>	w2_Q73_1a_iii (99 = Proxy not available)
<b>b</b> Dress up	<ol> <li>Not difficult [Go to c]</li> <li>Somewhat difficult</li> </ol>	Days w2_Q73_1b_ii_D	Less More Stress Stress
	<ol> <li>Very difficult</li> <li>Unable to perform</li> </ol>	Months w2_Q73_1b_ii_M	1 2 3 4 5 6 7 8 9 10
	<ol> <li>Not sure [Go to c] w2_Q73_1b_i</li> </ol>	Years w2_Q73_1b_ii_Y	<pre>w2_Q73_1b_iii (99 = Proxy not available)</pre>
<b>c</b> Eat	<ol> <li>Not difficult [Go to d]</li> <li>Somewhat difficult</li> </ol>	Days 	Less More Stress Stress
	<ol> <li>Very difficult</li> <li>Unable to perform</li> </ol>	Months w2_Q73_1c_ii_M	1 2 3 4 5 6 7 8 9 10
	<ol> <li>Not sure [Go to d] w2_Q73_1c_i</li> </ol>	Years w2_Q73_1c_ii_Y	<pre>w2_Q73_1c_iii (99 = Proxy not available)</pre>
<b>d</b> Use the toilet	1. Not difficult [Go to Q73.2]	Days 	Less More Stress Stress
	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> </ol>	Months w2_Q73_1d_ii_M	1 2 3 4 5 6 7 8 9 10
	<ol> <li>Unable to perform</li> <li>Not sure [Go to Q73.2] w2_Q73_1d_i</li> </ol>	Years w2_Q73_1d_ii_Y	w2_Q73_1d_iii (99 = Proxy not available)

## Q73.2 (i) If <u>Q71.1 or Q72 is 1= Yes</u>, then when you (the subject) were admitted or actively sought consultation for admission to a nursing home, did you (the subject) show any \_\_\_\_?

(ii) How long before the first nursing home admission/ first seeking consultation for admission to a nursing home, did \_\_\_\_\_begin?

(iii) [Interviewer: Ask only to the proxy] On a scale of 1 to 10, where 1 is not much stress at all, and 10 is a great deal of stress, how much stress did you have as a result of this \_\_\_\_?

		(i) Presence of memory problems/ disruptive behaviors	(ii) Length of time between onset of behavior and first admission to a nursing home/ seeking consultation for admission to nursing home?			(iii) Stress as a result of the behavior. Please rate on a scale of 1-10 [Interviewer: Only ask the proxy]							•
а	<b>Memory related problems</b> such as asking the same question over and over, losing and misplacing things etc	1. Yes 2. No [Go to b] 3. Not Sure [Go to b] w2_Q73_2a_i		Days w2_Q73_2a_ii_D Months w2_Q73_2a_ii_M Years w2_Q73_2a_ii_Y	Le: Str 1	ress	3	4 v2_Q	5 10 73_			Str	lore ess 9
b	<b>Disruptive behaviors</b> such as destroying property, engaging in behaviors that was potentially dangerous to self or others, was aggressive to other verbally, threatening to but others	1. Yes 2. No [Go to Q74] 3. Not Sure [Go to Q74] w2_Q73_2b_i		Days w2_Q73_2b_ii_D Months w2_Q73_2b_ii_M	Le: Str 1	ss ress 2		4	5 10	6	7		lore ess 9
	hurt others, threatening to hurt oneself, engaging in a behavior that was embarrassing.			Years w2_Q73_2b_ii_Y			V	/2_Q	73_	2b_i	iii		

#### Q74 [Interviewer: Ask if Q71.1 or Q72 is 1=Yes]

Now, we would like to know if availability of certain services can prevent nursing home placement.

Please tell us if access to any of the following services could have possibly prevented your (subject's) nursing home placement/ actively seeking consultation for nursing home admission? [Maximum three responses]

(for w2\_Q74\_1 to w2\_Q74\_10, **1** = Yes, **0** = No)

- 1 Day care centers (including senior activity centers and dementia day care centers) w2\_Q74\_1
- 2 Day care centers with transportation services w2\_Q74\_2
- 3 Night care services e.g. night sitter w2\_Q74\_3
- 4 Home health services e.g. nurse, physical therapist etc. w2\_Q74\_4
- 5 Home care services e.g. for cleaning, cooking etc. w2\_Q74\_5
- 6 Training of family members to provide home care w2\_Q74\_6
- 7 Training of domestic worker/ maid to provide home care w2\_Q74\_7
- 8 Provision of care subsidies e.g. tax breaks or credits w2\_Q74\_8
- 9 Support at work place e.g. flexible work hours w2\_Q74\_9
- 10 Any other, please specify w2\_Q74\_10

#### w2\_Q74\_10\_Other\_r

[1 = Admitted to hospital due to brain tumour and then admitted to nursing home

**2**= Me and spouse got to work and my two children are studying.

- **3** = Respondent is too rebellious to be taken care of at home.
- 4 = Too sudden, cannot perform all Daily living activities, so from hospital to nursing home straight.

99 = None]

Q75

	average, how much money is ent <u>per month</u> on buying ?	(i) Average monthly amount (in SGD)	(ii) What was the <b>largest source</b> of payment for these medications?		
a.	prescription medications	S\$ w2_Q75a_i (888 =not spent)	w2_Q75a_ii		
b.	non-prescription / over the counter medications	S\$ w2_Q75b_i (888 =not spent)	w2_Q75b_ii		
C.	traditional medicines (herbs and other products)	S\$ w2_Q75c_i (888 =not spent)	w2_Q75c_ii		

For Internal Code Only – use for Q68(iii),(iv) & Q69.1 (iv), (v), Q 69.2(iv), (v), (iv), Q70 (v),Q71(vi),Q75 (iii) & Q76.2)

1	Own pocket	7	Medifund
2	Child's pocket	8	Medishield
3	Own Medisave	9	Own Private health insurance
4	Spouse out-of-pocket	10	Civil Service card
5	Spouse's Medisave	11	Social Assistance scheme
6	Child's Medisave	12	Others (Specify: w2_Q75a_ii_Other_r w2_Q75b_ii_Other_r w2_Q75c_ii_Other_r

#### Codes for w2 Q75a ii Other r

1 = Spouse of child: son-in-law; daughter in law, 2=Grandchild: grandson, 3=Grandchild's medisave: grandson/granddaughter's Medisave, 4=Sibling;brothers/sisters, 5=God-sister, 6=Pension pay 85%; pension; government pension; free pension, 7=Spouse's pension scheme: covered by husband pension scheme, 8=Medisave and own pocket, 9=Insurance, 10=Medical assistant (government); full assistance (hospital); welfare organisation; Ministry, 11=Company: company paid; company insurance; child employer benefits. 12= hospitalized, 13= clinical trial, 14 = Not sure, 16 = Sister-in-law, 17 = private fund, 18 = Special grant card. 19= Child: Son bought it, 20 = SAF, 21 = Relative's clinic, 22 = Nephew/Niece, 24= foc, 25 = cash, 27= polyclinic white card, 28 =Donor. 29 = Aunts

#### Codes for w2 Q75b ii Other r

1 = Spouse of child: son-in-law; daughter in law, 2=Grandchild: grandson, 3=Grandchild's medisave: grandson/granddaughter's Medisave, 4=Sibling; brothers/sisters, 5=God-sister, 6=Pension pay 85%; pension; government pension; free pension, 7=Spouse's pension scheme: covered by husband pension scheme, 8=Medisave and own pocket, 9=Insurance, 10=Medical assistant (government); full assistance (hospital); welfare organisation; Ministry, 11=Company: company paid; company insurance; child employer benefits, 12= hospitalized, 13= clinical trial, 14 = Not sure, 15 = NA; nil; NA (respondent hardly see doctor or take medication); none; 0, 16 = Sister-in-law

#### Codes for w2 Q75c ii Other r

1 = Spouse of child: son-in-law; daughter in law, 2=Grandchild: grandson, 3=Grandchild's medisave: grandson/granddaughter's Medisave. 4=Sibling; brothers/sisters, 5=God-sister, 6=Pension pay 85%; pension; government pension; free pension, 7=Spouse's pension scheme: covered by husband pension scheme, 8=Medisave and own pocket, 9=Insurance, 10=Medical assistant (government); full assistance (hospital); welfare organisation; Ministry, 11=Company: company paid; company insurance; child employer benefits, 12= hospitalized, 13= clinical trial; free clinic, 14 = Not sure, 16 = Sister-in-law, 17 = private fund, 18 = Special grant card, 19= Child: Son bought it, 20 = SAF, 21 = Relative's clinic, 22 = Nephew/Niece, 23= part from Medisave, 24= foc, 25 = cash, 26= blood donate, 27= Son is TCM practitioner]

We are now going to ask you about your use of special medical equipment such as walkers, crutches, braces, prostheses, bathing/ toileting aids, wheelchair, reacher etc.

Did you purchase or rent this equipment in the past 1 month?

w2\_Q76\_1 Q76.1 w2 Q76 1 Purchased

w2\_Q76\_1\_Rented

1 Yes, purchased > What was the cost of purchasing this equipment? SGD\$

- 2 Yes, rented → What was the cost of renting this equipment in the past <u>1 month</u>? SGD\$
- 3 Neither rented nor purchased [Go to Q77.1]

(For Internal Co	(For Internal Code Only – use for Q68(iii),(iv) & Q69.1 (iv), (v), Q 69.2(iv), (v), (iv), Q70 (v),Q71(vi),Q75 (iii) & Q76.2)							
1	Own pocket	7	Medifund					
2	Child's pocket	8	Medishield					
3	Own Medisave	9	Own Private health insurance					
4	Spouse out-of-pocket	10	Civil Service card					
5	Spouse's Medisave	11	Social Assistance scheme					
6	Child's Medisave	12	Others (Specify: w2_Q76_2_Other_r)					
	[Codes for w2_Q76_2_Other_r 1 = Spouse of child: son-in-law money; all paid by daughter in law; daughter in law, 2 = Grandchild's: grandson; grandson's pocket, 3 = Grandchild's medisave: grandson/granddaughter's Medisave, 4 = Sibling;brother; pay by sibling; brother's pocket, 5=God-sister, 6=Pension pay 85%; pension; government pension; free pension, 7=Spouse's pension scheme: covered by husband pension scheme, 8=Medisave and own pocket, 9=Insurance, 10=Medical assistant (government); full assistance (hospital); welfare organisation; Ministry 11=Company: company paid; company insurance;child employer benefits, 12= hospitalized, 13= clinical trial; free clinic, 14 = Not sure, 15 = NA; nil; NA (respondent hardly see doctor or take medication); none; 0 16= sister-in-law, 17 = private fund, 18 = Special grant card, 19= Child: Son bought it, 20 = saf, 21 = Relative's clinic, 22 = Nephew/Niece, 23= part from Medisave, 24= foc, 25 = cash, 26= blood donate, 27= Son is TCM practitioner, 28= Wheelchair; walking stick & sitting toilet (\$380), 29= Given by someone/friend]							

- Q76.2 What was the largest source of payment for these equipment? w2\_Q76\_2
- Q77.1 Did you (subject) receive help from a maid/ foreign domestic worker/nurse in last one month (for example, in bathing, dressing, going outside, preparing meals, shopping, cleaning etc.)? w2\_Q77\_1
  - 1 Yes 2 No [Go to Q78]

## Q77.2 Who paid for the maid/ foreign domestic worker/nurse?

- w2\_Q77\_2
- 1 Self
- 2 Child
- 3 Other (Specify: w2\_Q77\_2\_Other\_r)

[1 =self, 2 = Spouse: husband, wife, 3 = Children: son, daughter, 4 = Half child, 5 = Son-in-law / Daughterin-law 6 = Grandchildren, 7 = Grandchild's Medisave, 8 = Siblings, 9= sister–in-law, 10=Nephew/niece, 11= Grandnephew / Grandniece]

#### SECTION K: PROXY/ INFORMANT INTERVIEW

The following questions (Q78 – Q82) should only be answered by proxy/informants [Ask proxy/informants only when 3 or more incorrect answers are present on the screener for cognitive impairment (page 3, S1) or the subject has obvious memory loss or dementia]:

Q78 [Showcard 29] The following is a list of problems older persons sometimes have. Please indicate if any of these problems have occurred with (name of subject) during the past week. (9 = No Proxy/Proxy Refused)

		No	Yes			
1	Asking the same question over and over w2_Q78_1	0	1			
2	Trouble remembering recent events (eg Items in newspaper or on TV) w2_Q78_2	0	1			
3	Trouble remembering significant past events w2_Q78_3	0	1			
4	Losing or misplacing things w2_Q78_4	0	1			
5	Forgetting what day it is w2_Q78_5	0	1			
6	Starting, but not finishing, things w2_Q78_6	0	1			
7	Difficulty concentrating on a task w2_Q78_7	0	1			
8	Destroying property w2_Q78_8	0	1			
9	Doing things that embarrass you w2_Q78_9	0	1			
10	Waking you or other family members up at night w2_Q78_10	0	1			
11	Talking loudly and rapidly w2_Q78_11	0	1			
12	Appears anxious or worried w2_Q78_12	0	1			
13	Engaging in behavior that is potentially dangerous to self or others w2_Q78_13	0	1			
14	Threats to hurt oneself w2_Q78_14	0	1			
15	Threats to hurt others w2_Q78_15	0	1			
16	Aggressive to others verbally w2_Q78_16	0	1			
17	Appears sad or depressed w2_Q78_17	0	1			
18	Expressing feelings of hopelessness or sadness about future (eg. "Nothing worthwhile ever happens", "I never do anything right") w2_Q78_18	0	1			
19	Crying or tearfulness w2_Q78_19	0	1			
20	Commenting about death of self or others (eg. "life isn't worth living", "I'd be better off dead") w2_Q78_20	0	1			
21	Talking about feeling lonely w2_Q78_21	0	1			
22	Comments about feeling worthless or burden to others w2_Q78_22	0	1			
23	23Comments about feeling like a failure or about not having any worthwhile accomplishments in life w2_Q78_2301					
24	Arguing, irritability, and/or complaining. w2_Q78_24	0	1			
Q 79.	Q 79.1       Does (subject) ever get lost in a familiar environment? w2_Q79_1 (9 = No Proxy/Proxy Refused)         1       Yes       2       No       3       DK					
Q 79.	Q 79.2 Does [he/she] ever wander off and not return by [himself/herself]? w2_Q79_2 (9 = No Proxy/Proxy					

Refused) Yes

1

No 3

DK

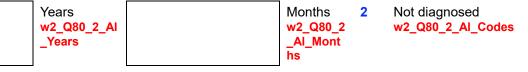
[Interviewer: If proxy answers "yes" to at least one item from 1-6 on Q78 then ask Q80~Q82] Otherwise, end of interview.

2

Q80.1 About how long ago did (subject) first show SIGNS of memory problems? [Interviewer: Ensure answer is in terms of number of years and months. e.g. 5 years 2 months. If less than 1 year, record only in months]

Years w2 Q80 1 Signs Y	
<pre>w2_Q80_1_Signs_Y (88 = Don't know; Not sure)</pre>	

Q80.2 If (subject) has memory problems, due to Alzheimer's, stroke or another memory disorder, how long ago was this DIAGNOSIS made by a physician? [Interviewer: Ensure answer is in terms of number of years and months. e.g. 5 years 2 months. If less than 1 year, record only in months]



- Q81.1 Has (subject) ever visited a memory clinic/Geriatric Medicine Clinic/ Psychiatry Clinic/ Neurology Clinic as a result of (subject's) memory problems? w2\_Q81\_1
  - 1 Yes [Go to Q82] 2 No
- Q81.2 [If Q81.1 = No] Please list the reasons (subject) didn't visit this facility [MA]: (for w2\_Q81\_21 to w2\_Q81\_26, 1 = Yes, 0 = No)
  - 1 Long waiting list w2\_Q81\_21
  - 2 Cost w2\_Q81\_22
  - 3 Distance w2\_Q81\_23
  - 4 Subject refused to go w2\_Q81\_24
  - 5 No one in the family was available to accompany the subject to the facility w2\_Q81\_25
  - Others w2\_Q81\_26 (specify w2\_Q81\_2\_Other\_r)
     (For w2\_Q81\_2\_Other\_r: 1 =Doctor never refer, 2 =no need, 3 =old age, 4 =due to poor eyesight, 5 = Not aware where to seek consultant, 6 = Planning)

## Q82 We are going to ask you about drugs that were prescribed to (subject) by the doctor for the treatment memory problems

(for w2\_Q82a\_i to w2\_Q82a\_ii & w2\_Q82b\_i to w2\_Q82b\_ii, **1** = Yes, **2** = No, **3** = Don't know)

- (i) Has (subject's) doctor ever prescribed (subject) this drug? w2\_Q82a\_i, w2\_Q82b\_i
- (ii) Did (subject) buy this prescribed drug? w2\_Q82a\_ii, w2\_Q82b\_ii
- (iii) Please list the most important reason (subject) didn't buy this prescribed drug? (w2\_Q82a\_iii, w2\_Q82b\_iii)
   (w2\_Q82a\_iii\_Other, w2\_Q82b\_iii\_Other)

Drug	(i) Drug prescribed w2_Q82a_i, w2_Q82b_i		, prescribed drugs		(iii) Reason for not buying prescribed drugs w2_Q82a_iii, w2_Q82b_iii 1. Costly					
	Yes	No	Yes	No	<ol> <li>Fear of side-effects</li> <li>Drug is ineffective</li> <li>Others         <ul> <li>(specify: w2_Q82a_iii_Other w2_Q82b_iii_Other)</li> </ul> </li> </ol>					
a. Aricept (Donepezil) /Exelon (Rivastigmine)/ Reminyl (Galantamine)	1	2 [Go to b]	1 [Go to b]	2						
b. Ebixa (Memantine)	1	2 [End of interview]	1 [End of interview ]	2						

## Panel on Health and Aging of Singaporean Elderly (PHASE) - Wave 2

### a.k.a Panel on Health and Aging of Singaporean Elderly (PHASE) 2011

#### **Anthropometric Measurement Sheet**

w2\_Measurement\_taken At least one anthropometric measurement done (1 = Yes; 2 = No)

CASE NO.:	NAME OF RESPONDENT

#### Fill in the following information after you have completed the questionnaire.

INTERVIEWER:	DATE OF INTERVIEW:	
TIME STARTED:	TIME ENDED:	
TOTAL TIME TAKEN FOR MEASUREMENT:	w2_Duration_Measurement	MINUTES

(Please include time used by the subject to attend to personal affairs or to rest.)

#### INTRODUCTION

Next, we would like to better understand certain aspects related to the health and physical status of persons your age. For this reason, we are going to take 6 different physical measurements, which involve gripping an object with your hands and having your blood pressure, height, weight, and waist measurements, and chair stand test taken. If you have any questions now or later, please don't hesitate to ask.

**[Interviewer:** Before beginning the physical measurements, you must have a signed consent form from the Respondent. Subjects must be eligible for at least 3 of the 6 measurements before proceeding (e.g. subject should at least be able to sit upright).]

## SECTION A: BLOOD PRESSURE

<pre>w2_Blood_Pressure: Section A: Blood Pressure measured? 0 = All measurements not to be taken 1 = Yes 2 = No</pre>	Equip ment need
2 = No	ed:
3 = Not completed 3 times	Omro

#### n HEM-780N Monitor, Batteries, Stop Watch

Now let's talk about the first activity. I'd like to measure your blood pressure using this monitor and cuff which I will secure around your left arm. I would like to take three blood pressure measures. I will ask you to relax and remain seated and quiet during the measurements. First, I will place the cuff on your left arm. Once the cuff is placed appropriately on your arm and we are ready to begin, I'll ask you to lay your arm on a flat surface palm facing up so that the center of your upper arm is at the same height as your heart. I will then press the Start button. The cuff will inflate and deflate automatically. After we have completed all three measures, I will give you your results.

#### [Interviewer: Demonstrate the test.]

- Q1 Do you have a rash, a cast, edema (swelling) in the arm, open sores or wounds, or a significant bruise where the blood pressure cuff will be in contact? w2\_M1
  - 1 Yes [Do not complete this measure, record the reasons in Q4 and Go to Section B]
  - 2 No
- Q2 Do you understand the directions for this test? w2\_M2
  - 1 Yes
  - 2 No
- Q3 Do you feel it would be safe for you to do this test? w2\_M3
  - 1 Yes
  - 2 No [Do not complete this measure, record the reasons in Q4 and Go to Section B]
- Q4 Record why the respondent did not complete the blood pressure measurement [MA]:

(for w2\_M4\_1 to w2\_M4\_7, **0** = No, **1** = Yes)

1 Respondent felt it would not be safe w2\_M4\_1

- 2 Interviewer felt it would not be safe w2\_M4\_2
- 3 Respondent refused or was not willing to complete the test w2\_M4\_3
- 4 Respondent tried but was unable to complete test w2\_M4\_4
- 5 Respondent did not understand the instructions w2\_M4\_5
- 6 Respondent had a rash, a cast, edema, open sores or wounds, or significant bruise where the blood pressure cuff would contact Respondent's arm w2\_M4\_6
- 7 Other (Specify: w2\_M4\_Other) w2\_M4\_7

#### **INSTRUCTIONS FOR ADMINISTERING BLOOD PRESSURE TEST:**

- a) Insert arm cuff plug into jack on the side of the monitor.
- b) Instruct Respondent to remove bulky clothing from upper left arm.
- c) Instruct Respondent to sit upright in a chair with his/her feet flat on the floor and place his/her upper arm on a table.
- d) Place the cuff on the Respondent's left arm approximately ½" above the elbow. Position the blue marker over the brachial artery on the inside of the arm.
- e) Press the sewn hook material firmly against the side of the cuff. [The cuff should make direct contact with the Respondent's skin]. The Respondent should easily be able to fit his/her index finger between the cuff and the arm.
- f) Instruct the Respondent to rest his/her arm comfortably on a support (like a table) with palm facing upward so the cuff is at the same level as the heart.
- g) Press the START/STOP button and instruct the Respondent to remain still. When the ♥ symbol appears on the display, press the START button. The cuff will begin to inflate automatically. Numbers will appear on the display and the ♥ symbol will blink.
- h) The cuff will then automatically deflate. The monitor will first display the SYSTOLIC and DIASTOLIC readings. RECORD time of reading and both SYSTOLIC and DIASTOLIC readings in chart below. Record the pulse identified by the letter P.
- i) Press the START/STOP button to repeat the measure. The cuff does not need to be removed or loosened in between readings. If you receive an error message, remove cuff, reposition and try again.
- j) Allow approximately 45 seconds to 1 minute between readings and repeat steps e ~ i two more times.

Measure ment	Time of Reading	Systolic Reading (High)	Diastolic Reading (Low)	Pulse
1 <sup>st</sup>	:am / pm	mmHg	mmHg	Р
	w2_M5_1st_time	w2_M5_1st_Systolic	w2_M5_1st_Diastolic	w2_M5_1st_Pulse
2 <sup>nd</sup>	:am / pm	mmHg	mmHg	Р
	w2_M5_2nd_time	w2_M5_2nd_Systolic	w2_M5_2nd_Diastolic	w2_M5_2nd_Pulse
3 <sup>rd</sup>	:am / pm	mmHg	mmHg	Р
	w2_M5_3rd_Time	w2_M5_3rd_Systolic	w2_M5_3rd_Diastolic	w2_M5_3rd_Pulse

[Interviewer: Record measurements in chart.]

Q5

#### Q6 Record which arm was used to conduct the measurements: w2\_M6

1 Left arm 2 Right arm

#### Q7 Record how compliant the Respondent was during this measurement: w2\_M7

- 1 Respondent was fully compliant
- 2 Respondent was prevented from fully complying due to illness, pain, or other symptoms or discomforts
- 3 Respondent was not fully compliant, but no obvious reason for this

#### Q8 Record what the Respondent's position was for this test: w2\_M8

- 1 Standing 2 Sitting 3 Lying down
- Q9 Record whether the Respondent smoked, exercised, consumed alcohol or food within the 30 minutes prior to completing the blood pressure test: w2\_M9

1	Yes	2	No	3	Don't know
---	-----	---	----	---	------------

3

## SECTION B: SITTING & STANDING HEIGHT

w2\_Heights: Section B: Was sitting and standing height measured?

- **0** = All measurements not to be taken
- **1** = Yes, both sitting and standing height
- 2 = None
- 3 = Not completed sitting height
- 4 = Not completed standing height

Equipment needed: Tape measure, Rafter's square, Self-adhesive note, Pencil

Next, I would like to measure your sitting and standing height. To complete this measurement, I'll be asking you to sit on a wooden chair/stool/box positioned near a wall or on the floor near a wall. I'll ask you to sit erect facing forward with the head level, the shoulders and upper arms relaxed, and forearms and hands extended forward horizontally with the palms facing each other. The thighs should be parallel, and the knees should be flexed 90° with the feet in line with the thighs. I will then place this rafter's square on top of your head and mark your height on this post-it note. Next I'll be asking you to take off your shoes and stand up against a wall. I will then place this rafter's square on top of your head and mark your height on this post-it note.

**Q10** [Interviewer: Ask if necessary only]

Before we begin, do you feel you are able to stand while we do this measurement? w2\_M10 (3 = Not necesary)

- 1 Yes
- 2 No [Do not complete standing height measurement, but proceed for sitting height]

#### Q11 Do you understand the directions for this measurement? w2\_M11

- 1 Yes
- 2 No
- Q12 Do you feel it would be safe for you to do this test? w2\_M12
  - 1 Yes
  - 2 No [Do not complete this measure, record this reason in Q13, and Go to Section C]

#### Q13 Record why the Respondent's height was not measured [MA]:

(for w2\_M131 to w2\_M138, **0** = No, **1** = Yes)

- 1 Respondent felt it would not be safe w2\_M131
- 2 Interviewer felt it would not be safe w2\_M132
- 3 Respondent refused or was not willing to complete the measurement w2\_M133
- 4 Respondent tried but was unable to complete measurement w2\_M134
- 5 Respondent did not understand the instructions w2\_M135
- 6 Respondent too tall, interviewer could not reach w2\_M136
- 7 There was no suitable space available w2\_M137

8 Other (Specify): w2\_M138

w2\_M13\_Other

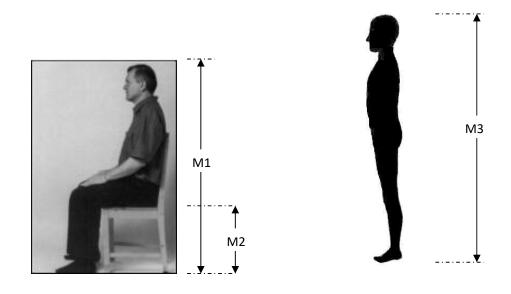
#### INSTRUCTIONS FOR MEASURING SITTING HEIGHT

a)	Ask Respondent to sit on a flat chair, box, and stool or on the floor. The chair should preferably not be cushioned.
b)	Make sure Respondent is sitting up as straight and comfortable as possible facing forward with the head level, the shoulders and upper arms relaxed, and forearms and hands extended forward horizontally. The thighs are parallel, and the knees are flexed 90° (if sitting on an elevated surface) with the feet in line with the thighs.
c)	Place a self-adhesive note on the wall near the top of the Respondent's head.
d)	Position your rafter's square against the wall directly over the Respondent's head. It should be parallel to the floor, resting on the Respondent's head but not pressing on it.
e)	Make a mark on the self-adhesive note at the bottom of the rafter's square.
f)	Now, position your rafter's square to make a similar mark for the sitting surface. If the sitting surface is cushioned, then position your rafter's square to make a mark near the middle of the cushion.
g)	Measure the vertical distance between the top of the head and the floor (Measurement 1).
h)	Measure the vertical distance between the sitting surface and the floor with the measuring tape (Measurement 2).

i) Record Respondent's height in **cm** on self-adhesive note on the wall and remove it from the wall.

#### INSTRUCTIONS FOR MEASURING STANDING HEIGHT

- a) Ask Respondent for location to conduct measurement.
- b) Make sure Respondent is standing up as straight and comfortable as possible with his/her heels and shoulders as close to the wall as comfortable.
- c) Place a self-adhesive note on the wall near the top of the Respondent's head.
- d) Position your rafter's square against the wall directly over the Respondent's head. It should be parallel to the floor, resting on the Respondent's head but not pressing on it.
- e) Make a mark on the self-adhesive note at the bottom of the rafter's square.
- f) Ask the Respondent to move away from the wall.
- g) Position the tape measure under a door jam, floor molding or your foot and measure from the floor to the mark on the self-adhesive note.
- h) Record Respondent's height in **cm** on self-adhesive note on the wall and remove it from the wall. (Measurement 3)



[Interviewer: Record measurement in chart to nearest 0.1cm (example: record 140.5 cm)]

Q14	Measurement 1 (M1)	Height	
	Distance from top of head to the floor (Sitting position)	cm	w2_M14

#### Q15 Measurement 2 (M2)

5	Measurement 2 (M2)	Height	
	Distance from sitting surface to		w2_M15
	the floor	cm	

#### Q16 **Record Sitting Height (Sitting Height = Measurement 1 – Measurement 2):** w2\_M16

cm

Q17	Measurement 3 (M3)	Standing Height	
	Distance from top of head to the floor (Standing position)	cm	w2_M17

#### Q18 Record what the Respondent was sitting on: w2\_M18

- 1 Floor 4 Stool 2 Chair without cushion 5 Box
  - Cushioned chair 6 Other (Please specify: w2\_M18\_Other)

#### Q19 Record the type of floor surface: w2\_M19

3

3

- 1 Linoleum / wood / ceramic / marble 4 Concrete 2
  - 5 Not sure Low-pile carpet
  - Other (Specify): w2\_M19\_Other High-pile carpet 6

#### Q20 Record if Respondent was wearing shoes during the measurement: w2\_M20

- 1 Yes 2 No
- Q21 Record how compliant the Respondent was during this measurement: w2\_M21
  - 1 Respondent was fully compliant

- 2 Respondent was prevented from fully complying due to illness, pain, or other symptoms or discomforts
- 3 Respondent was not fully compliant, but no obvious reason for this

### **SECTION C: WAIST**

w2\_Waist: Section C: Waist measured?

0 = AII measurements not to be taken

1	=	res
2	=	No

Equip ment need ed:

Soft Tape measure

Next I'm going to ask you to perform a simple measurement of your waist circumference. For this measurement it is important for you to be standing. I will ask you to identify where on your body your navel (belly button) is located. I will then ask you to place this cloth measuring tape around your waist, over your clothing, holding it securely at the level of your navel. Once the tape measure is placed appropriately around your waist then we are ready to begin. I will ask you to take a normal breath and exhale, holding your breath at the end of the exhale. I will then record the measurement.

[Interviewer: Demonstrate the measurement.]

- Q22 Do you understand the directions for this measurement? w2\_M22
  - 1 Yes 2 No
- Q23 Do you feel it would be safe for you to do this test? w2\_M23
  - 1 Yes
  - 2 No [Do not complete this measure, record this reason in Q24, and Go to Section D]

#### Q24 Record why the Respondent's waist was not measured [MA]: w2\_M24

- 1 Respondent felt it would not be safe
- 2 Interviewer felt it would not be safe
- 3 Respondent refused or was not willing to complete the measurement
- 4 Respondent tried but was unable to complete measurement
- 5 Respondent did not understand the instructions
- 6 Respondent is not able to stand
- 7 Other (Specify): w2\_M24\_Other

#### INSTRUCTIONS FOR MEASURING WAIST CIRCUMFERENCE

- a) Instruct Respondent to remove bulky clothing.
- b) Respondent should be in the standing position and measuring tape should be applied over the clothing around the waist at the level of the navel.
- c) Ask Respondent to point to his/her navel.
- d) Instruct Respondent to place the tape around his/her waist at the level of the navel. The Respondent should hold tape in place at the navel. The tape should be snug but not tight. If the Respondent is not able to put the tape around his/her waist, you may have them hold one end of the tape measure at their navel, and walk around the Respondent with the other end.
- e) Check that the tape is horizontal all away around the Respondent.
- f) Instruct Respondent to take a normal breath and exhale holding breath at end of exhale.
- g) Read the measurement on the tape after the Respondent exhales. Record measurement to nearest **0.1cm** in the chart below (e.g. 30.1 cm).

#### [Interviewer: Record measurements in chart.]

Q25	Measurement	Waist Measurement	w2_M25
	1 <sup>st</sup>	cm	

#### w2\_ab\_obesity

(Created variable: Summary measure of abdominal obesity, dichotomous. *Note*: Abdominal obesity cut off is gender specific, based on Asia-Pacific guidelines. For males, cut off is  $\ge$  90.0. For females, cut off is  $\ge$  80.0)

- 0: No obesity
- 1: Presence of obesity

Reference: http://www.wpro.who.int/nutrition/documents/docs/Redefiningobesity.pdf

#### Q26 Record the difficulties that occurred during this measurement [MA]:

(for w2\_M261 to w2\_M266, **0** = No, **1** = Yes)

- 1 None w2\_M261
- 2 Respondent had breathing difficulties w2\_M262
- 3 Respondent was unable to hold breath at the end of the exhale w2\_M263
- 4 Respondent was prevented from giving full effort by illness, pain, or other symptoms or discomforts w2\_M264
- 5 Respondent did not appear to give full effort, but no obvious reason for this w2\_M265
- 6 Others (Specify):

w2\_M266

w2\_M26\_Other

#### Q27 Record how compliant the Respondent was during this measurement: w2\_M27

- 1 Respondent was fully compliant
- 2 Respondent was prevented from fully complying due to illness, pain, or other symptoms or discomforts
- 3 Respondent was not fully compliant, but no obvious reason for this

#### Q28 Record who completed the measurement: w2\_M28

- 1 Respondent completed the measurement
- 2 Interviewer completed the measurement

Q29 Record whether the Respondent wore bulky clothing during this measurement: w2\_M29

- 1 Yes
- 2 No

#### **SECTION D: WEIGHT**

w2\_Weight: Section D: Weight measured?

0 = All measurements not be taken

1 = Yes

2 = No

Note: This is NOT the survey weight variable. See w2\_weights below for cross-sectional survey weights to be used for analysis done using PHASE [Wave 2] data

Equipment needed: Scale

Now, I'd like to measure your weight. To measure your weight, I will ask you to stand on this scale, with your shoes off, while I read the display.

Q30 Do you understand the directions for this measurement? w2\_M30

- 1 Yes 2 No
- Q31 Do you feel it would be safe for you to do this test? w2\_M31
  - 1 Yes
  - 2 No [Do not complete this measure, record this reason in Q32, and Go to Section E]

Q32 Record why the Respondent's weight was not measured[MA]:

(for w2\_M321 to w2\_M327, **0** = No, **1** = Yes)

- 1 Respondent felt it would not be safe w2\_M321
- 2 Interviewer felt it would not be safe w2\_M322
- 3 Respondent refused or was not willing to complete the measurement w2\_M323
- 4 Respondent tried but was unable to complete measurement w2\_M324
- 5 Respondent did not understand the instructions w2\_M325
- 6 Respondent is not able to stand w2\_M326
- 7 Other (Specify): w2\_M327
  - w2\_M32\_Other

#### INSTRUCTIONS FOR MEASURING WEIGHT

a) Ask Respondent for location to conduct measurement – a hard-surface floor or thin pile carpet.

- b) Make sure Respondent's shoes are off or ask him/her to remove shoes.
- c) Ask Respondent to remove heavy objects from pockets and/or heavy sweaters as needed.
- d) Position scale so you can see display while Respondent is standing on it.
- e) Turn scale on, tap middle of scale with foot, and wait for 000.0 to appear.
- f) Ask Respondent to stand on scale.
- g) Record Respondent's weight (to the nearest 0.1 kg).
- h) Respondent can sit down and put shoes back on.

[Interviewer: Record measurements in chart.]

Q33	Measurement	Weight	w2_M33
	1 <sup>st</sup>	kg	

#### w2\_bmi

(Created variable: Summary measure of BMI, continuous. *Note*: BMI = weight in kg/(height in metres)<sup>2</sup>)

#### w2\_bmi\_whodetailed

(Created variable: Summary measure of BMI according to WHO detailed classification, categorical)

- 1: Severe thinness (BMI < 16.0)
- 2: Moderate thinness (BMI = 16-16.9)
- **3**: Mild thinness (BMI = 17-18.4)
- 4: Normal weight (BMI = 18.5 24.9)
- 5: Pre-obese (BMI = 25.0-29.9)
- 6: Obese Class I (BMI = 30.0-34.9)
- 7: Obese Class II (BMI = 35.0-39.9)
- 8: Obese Class III (BMI  $\ge$  40.0)

Reference: http://apps.who.int/bmi/index.jsp?introPage=intro 3.html

#### w2\_bmi\_whosimple

(Created variable: Summary measure of BMI according to WHO simple classification, categorical)

- 1: Underweight (BMI <18.5)
- 2: Normal weight (BMI = 18.5 24.9)
- 3: Pre-obese (BMI = 25.0-29.9)
- 4: Obese (BMI ≥ 30.0)

Reference: http://apps.who.int/bmi/index.jsp?introPage=intro 3.html

#### w2\_bmi\_asian

(Created variable: Summary measure of BMI according to WHO Asian classification, categorical) 1: Underweight (BMI <18.5)

- 2: Normal weight (BMI = 18.5 22.9)
- 3: Pre-obese (BMI = 23.0-27.4)
- 4: Obese (BMÌ ≥ 27.5)

Reference: http://www.who.int/nutrition/publications/bmi asia strategies.pdf

#### Q34 Record the type of floor surface: w2\_M34

- 1 Linoleum / wood / ceramic / marble 4 Concrete
- 2 Low-pile carpet 5 Not sure
- 3 High-pile carpet 6 Other (Specify): w2\_M34\_Other
- Q35 Record if Respondent was wearing shoes during the measurement: w2\_M35
  - 1 Yes 2 No

#### Q36 Record how compliant the Respondent was during this measurement: w2\_M36

- 1 Respondent was fully compliant
- 2 Respondent was prevented from fully complying due to illness, pain, or other symptoms or discomforts
- 3 Respondent was not fully compliant, but no obvious reason for this

w2\_Hand\_Strength: Section E: Hand Strength measured?

- 0 = All measurements not to be taken
- 1 = Yes, both
- 2 = Neither
- **3** = Measure right hand only
- 4 = Measure left hand only
- **5** = Not completed twice

Equipment needed: Dynamometer

Now I would like to assess the strength of your hand in a gripping action. I will ask you to squeeze this handle as hard as you can, just for a couple of seconds and then let go. I will take alternately two measurements from your right and your left hands.

[Interviewer: Demonstrate the test.]

- Q37 Before we begin, I'd like to make sure it is safe for you to do this test. Have you had surgery or experienced any swelling, inflammation, severe pain, paralysis or injury in one or both hands within the last 6 months? w2\_M37
  - 1 Yes 2 No [Go to Q39]
- Q38 In which hand (have you had surgery or experienced any swelling, inflammation, severe pain, paralysis or injury in the last 6 months)? w2\_M38
  - 1 Both hands [Do not complete this measure, record this reason in Q41]
  - 2 Left hand only [Do not perform test on left hand]
  - 3 Right hand only [Do not perform test on right hand]
- Q39 Do you understand the directions for this test? w2\_M39
  - 1 Yes
  - 2 No
- Q40 Do you feel it would be safe for you to do this test? w2\_M40
  - 1 Yes
  - 2 No [Do not complete this measure, record this reason in Q41]

Q41 Record why the Respondent did not complete the hand strength test [MA]:

(for w2\_M411 to w2\_M417, **0** = No, **1** = Yes)

- 1 Respondent felt it would not be safe w2\_M411
- 2 Interviewer felt it would not be safe w2\_M412
- 3 Respondent refused or was not willing to complete the test w2\_M413
- 4 Respondent tried but was unable to complete test w2\_M414
- 5 Respondent did not understand the instructions w2\_M415
- 6 Respondent had surgery, injury, swelling, inflammation or severe pain on both hands w2\_M416
- 7 Other (Specify): w2\_M417

w2\_M41\_Other

#### INSTRUCTIONS FOR ADMINISTERING THE HAND STRENGTH TEST

- a) Suggest Respondent removes rings or other hand jewellery.
- b) Position the Respondent correctly, standing with arm at side.
- c) Adjust dynamometer to hand size by adjusting the knob.
- d) Reset arrow at zero.
- e) Explain the procedure once again.
- f) Let Respondent have a practice with their dominant hand.
- g) Reset the marker and repeat for a total of two tries.
- h) Record measurements to the nearest 0.5 kilogram in the table below. (e.g., 10.5kg)

#### Q42 Which hand do you normally use? w2\_M42

- 1 Right hand
- 2 Left hand

Q43

3 Both hands equally dominant

#### [Interviewer: Record measurements in chart.]

Measurement	Left Hand	Right Hand
1st	: kg w2_M43_1st_LH	: kg w2_M43_1st_RH
2nd	: kg w2_M43_2nd_LH	: kg w2_M43_2nd_RH

#### w2\_hgs\_dom\_highest

(Created variable: Highest recorded value of dominant hand grip strength, continuous.)

#### w2\_hgs\_dom\_mean

(Created variable: Mean value of dominant hand grip strength, continuous.)

#### w2\_hgs\_nondom\_highest

(Created variable: Highest recorded value of non-dominant hand grip strength, continuous.)

#### w2\_hgs\_nondom\_mean

(Created variable: Mean value of non-dominant hand grip strength, continuous.)

NOTE: Hand dominance was based on the response in variable w2\_M42. If the respondent indicated "3 – Both hands equally dominant", the higher of the two values was used.

#### Q44 Record how much effort the Respondent gave to this test: w2\_M44

- 1 Respondent gave full effort
- 2 Respondent was prevented from giving full effort by illness, pain, or other symptoms or discomforts
- 3 Respondent did not appear to give full effort, but no obvious reason for this

#### Q45 Record what the Respondent's position was for this test: w2\_M45

I Standing	2 Sitting	3 Lying down
------------	-----------	--------------

Q46 Record whether the Respondent rested his / her arm on a support while performing the test: w2\_M46

2

### **SECTION F: CHAIR STAND TEST**

*Interviewer:* Respondents who are age eligible for this test are expected to participate, unless they specifically decline for personal or medical reasons, or there is no appropriate chair or space to do the test. A determination of desirability and safety needs to be made before start of this test.

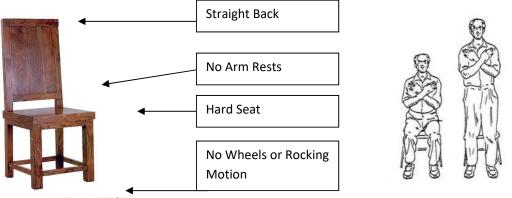
<pre>w2_Chair_Stand: Section F: Chair stand test measured? 0 = All measurements not to be taken 1 = Yes 2 = No</pre>	Equip ment need
2 - NO	ed:
Stop watch, pen or pencil, small hand towel or cloth, chair (from the respondent's home)	

The chair should be placed against a wall to prevent it from moving as the respondent gets up and sits down repeatedly. The small hand towel or cloth should be draped over the back of the chair to avoid scratching the back of the chair or the wall. The chair, which you will ask the respondent to choose, should have the following characteristics:

- No arm rest
- Straight back
- Hard seat

It is very important NOT to use any type of folding chair, chair on wheels, or rocking chair. The reason that these chairs are not permitted is that they do not allow for safe movement (i.e. the chair may roll away or fold up). If no hard straight-backed chair without armrest is available, it is acceptable to use a soft chair or a chair with armrest. However, if at all possible, avoid also a very soft or deep chair (e.g. couch other sofa chair), because it can impede quick movement up and down.

#### **Appropriate Chair**



#### INITIAL TEST

- Q47a Now I would like to test whether you can stand up from a chair without using your hands. First, I want to make sure it is safe to carry out the test. Do you have any problems from recent surgery, injury, or other health conditions that might prevent you from taking this test w2\_M47a
  - 1 No apparent restriction
  - 2 Cannot do the test [Do not complete this measure, and answer question Q47b]

## Q47b Record why the respondent cannot not do the initial test:

(for w2\_M47b1 to w2\_M47b5, **0** = No, **1** = Yes)

- 1 Respondent felt it would not be safe w2\_M47b1
- 2 Interviewer felt it would not be safe w2\_M47b2
- 3 Respondent refused or was not willing to complete the measurement w2\_M47b3
- 4 Respondent is not able to stand w2\_M47b4
- 5 Other (Specify): w2\_M47b5 w2\_M47b\_Other

- Q48 Please stand up straight from the chair as QUICKLY as you can, without stopping in between. Keep your arms folded across your chest. w2\_M48
  - 1 Can stand up from the chair without using hands
  - 2 Uses hands to stand up from the chair [Do not complete this measure]
  - 3 Cannot do the test [Do not complete this measure]

#### INSTRUCTIONS FOR CHAIR STAND TEST

- a) Please conduct this test only for those individuals who were able to do the **initial test** without using their hands.
- b) Once you have identified a suitable chair and secured it against the wall, you should ensure that there is adequate space in front of the chair to allow both for you to stand in front of the respondent and leave sufficient space between you and the respondent, so that the respondent does not feel that you are in the way or impeding his or her ability to stand.
- c) A stop watch is used to measure the time (in seconds) it takes a person to stand up from a sitting position and sit down again <u>five times</u>, while holding the arms crossed over the chest. Only one timed measure is taken per person. The result is recorded.
- d) You first need to demonstrate the test to the respondent. Next, ask the respondent to cross the arms across his or her chest and stand up <u>one</u> time. After confirming that the respondent feels it is safe to proceed and you observe that the respondent is able to do this <u>without using his or her arms</u>, you proceed to carry out the test. Be sure to read the directions precisely as they are provided below, stressing that the respondent should do this exercise as quickly as he or she can.
- e) You should stand in front of the respondent and be prepared to catch him or her if he or she falls forward, but you should stand far enough away so that you are not getting in the way of ('crowding') the respondent and slowing him or her down.
- f) Say the following to the Respondent "Please stand up straight as QUICKLY as you can, without stopping in between. After standing up each time, sit down and then stand up again. Keep your arms folded across your chest. I'll be timing you with a stopwatch".
- g) When the participant is properly seated, say: Ready? Stand and begin timing
- h) Timing with the stop watch begins as soon as the interviewer finishes saying "Ready, stand." You actually start the stop watch as soon as you have finished saying 'Ready, stand'.
- i) Count out loud as the participant arises each time. Stop if participant becomes tired or short of breath during repeated chair stands.
- j) Stop the stopwatch as soon as the respondent has straightened out at the end of the 5<sup>th</sup> stand. You should count out loud "one, two, three, four, five" each time the respondent stands up.
- k) Also stop:
  - -- If participant uses his/her arms
  - -- After 1 minute, if participant has not completed risen
  - -- At your discretion, if concerned for participant's safety
- I) If the participant stops and appears to be fatigued before completing the five stands, confirm this by asking "Can you continue?" If participant says "Yes," continue timing. If participant says "No," stop the test.
- m) If the respondent does not complete all five stands it should be considered a non-completed test. Similarly, if the respondent cannot do the test without the use of his or her arms, it should be considered a non-completed test.
- n) Record time in seconds/hundredths (e.g. 16.52):

Q49	Measurement	Time	
	1st	(seconds)	w2_M49

#### Q50 How compliant was respondent during this measurement? w2\_M50

- 1 Respondent was fully compliant
- 2 Respondent was prevented from fully complying due to illness, pain, or other symptoms or discomforts
- 3 Respondent was not fully compliant, but no obvious reason for this

## Panel on Health and Aging of Singaporean Elderly (PHASE) - Wave 2

#### a.k.a Panel on Health and Aging of Singaporean Elderly (PHASE) 2011 (Decedent Questionnaire) NAME OF RESPONDENT (NEXT-OF-KIN): NAME OF SUBJECT (ELDERLY): Fill in the following information after you have completed the questionnaire. CONTACT NO .: (HP/PGR) (H) (O) DATE OF w2 D Date Interview w2 D Interviewer PHASE r INTERVIEWER: INTERVIEW: TIME STARTED: TIME ENDED: TOTAL TIME TAKEN FOR INTERVIEW: w2 D Duration MINUTES (Please include time used by the subject to attend to personal affairs or to rest.) 2<sup>nd</sup> VISIT / 3<sup>rd</sup> VISIT / 4<sup>th</sup> VISIT NUMBER OF VISITS: 1<sup>st</sup> VISIT 1 / 5<sup>th</sup> VISIT

#### INTRODUCTION

Good morning / afternoon / evening. My name is \_\_\_\_\_\_ and I'm from \_\_\_\_\_. We are conducting a follow-up survey of the people who had participated in the Social Isolation, Health and Lifestyles Survey conducted by MCYS in 2009. As one of the participants of the original survey, we would appreciate it if you could spare us some time to answer some questions.

(If subject cannot be interviewed because he/she has passed away) May I know who the next-of-kin is? We would appreciate it if this person could spare us some time to answer the following questions. This follow-up survey will help us to study the social, economic and health changes in individuals as they age and the circumstances surrounding the elderly's death. The interview will take about 30 minutes.

There are no right or wrong answers to the questions, and you do not have to respond to any questions that you feel uncomfortable answering. Please be assured that your identity and the information given by you will be kept strictly confidential and that only group data will be reported.

We need you to function as a proxy for the original participant and fill out the questionnaire about that person's health before they died. Please take the time to answer each question carefully.

P1		oxy's relationship with the subject)						
	What is your relationship with (the subject)? w2_D_P1 1 Spouse							
	2	Son						
	3	Daughter						
	4	Daughter-in-law						
	5	Son-in-law						
	6	Grandchild						
	7	Relative other than the aforementioned (please expl	ain:w	2_D_P1_7_Other)				
	8	Other (please explain: w2_D_P1_8_Other)						
SECT	ION	1: The circumstances surrounding the original pa	rticip	ant's death				
<mark>Q1</mark>	<mark>On</mark>	what date did (subject) pass away?						
	Plea	ase refer to variable: ByDec2012_Date_of_death for	date	of death				
Q2. 1		IOWCARD 1] Did (subject) pass away at home, in a ce? w2_D_Q2_1	a hos	pital, a nursing home, a hospice, or some other				
	1	Home	5	Hospice				
	2	Acute Care Hospital	6	Else Where				
	3	Community Hospital	7	Don't know				
	4	Nursing home or other Long-term care facility						
Q2.	Wh	ere was (subject) primarily cared for <u>in the last mo</u>	onth (	of his/her life? w2_D_Q2_2				
2	1	Home						
	2	Acute Care Hospital						
	3	Community Hospital						
	4	Nursing home or other Long-term care facility						
	5	Hospice	ſ	[Go to Q5]				
	6	Else Where						
	7	Don't know	J					
Q3	[If Q2.2=1, a place of care is home then ask] When [subject] was at home during <u>the last month of life</u> , did he/she get any services from a home hospice care agency? w2_D_Q3 1 Yes 2 No 3 Don't know							
Q4		22.2=1, a place of care is home then ask] When [s she get any services from a non-hospice home ca Yes 2 No						
Q5	Wh	at was the cause of [subject's] death? (for w2_D_0	2501	to w2_D_Q511,				
	1	Cancer – all types <mark>w2_D_Q501</mark>	6	Stroke w2_D_Q506				
	2	Heart and circulatory disease w2_D_Q502	7	Dementia w2_D_Q507				
	3	Lung and breathing diseases w2_D_Q503	8	Frailty and decline due to old age w2_D_Q508				
	4	Kidney disease w2_D_Q504	9	Accident or violence w2_D_Q509				
	5	Liver disease w2_D_Q505	10	Other cause w2_D_Q510 w2_D_Q5_Other				
			11	Don't know/ Not stated w2_D_Q511				

SEC		2: Marital status and living	arrang	gement of the deceas	ed					
Q6	At t	he time of death, what was	[subje	ect's] marital status?	w2_D_Q6					
	1	Married		4	Separa	ateo	t			
	2	Widowed		5	Never I	Ma	rried			
	3	Divorced								
реор	ole, th nonth <u>In t</u>	at might have been made v n of his/her life.	with th fe, did	e intention of helpin someone temporari	g (subjec ly move t	t) a	curred, whether for (subject) or other and that might have happened, in the live in the home where (subject) was			
	1	Yes	2	No [Go to Q9]		3	Don't know <b>[Go to Q9]</b>			
Q8	Wh	o was (were) this (these) pe	erson(	s)? w2_D_Q8						
	1	Child or grandchild of (si	ubject)							
	2	Other relatives of (subje	ct)							
	3	Other non-relative								
Q9	<u>In t</u>	<u>he last month</u> of his/her life	e, did (	subject) temporarily	move in t	o li	ive with someone? w2_D_Q9			
	1	Yes	2	No <b>[Go to Q11]</b>	;	3	Don't know [Go to Q11]			
Q10	Wh	ose house did he/she move	e into?	w2_D_Q10						
		Whose house did he/she move into? w2_D_Q10								
	1	Child or grandchild of (se	ubject)							

3 Other non-relative

## **SECTION 3: Health Status**

We would like to know the health problems that (subject) had before passing away, even when the death may not have been related to said health problems.

## Q11 During the time <u>between the last survey and (subject's) passing away</u>, did a doctor or medical personnel diagnose (subject) with \_\_\_\_\_? (For w2\_D\_Q11\_a\_GV1 to w2\_D\_Q11\_m\_GV1, 4 =na)

Ailm	ent	Diagnosis				
		Yes	No	Not Sure		
а	Heart attack, angina, myocardial infarction,etc. w2_D_Q11_a_GV1	1	2	3		
b	Other forms of heart disease w2_D_Q11_b_GV1	1	2	3		
с	Cancer (excluding skin cancer) w2_D_Q11_c_GV1	1	2	3		
d	Cerebrovascular disease (stroke, etc.) w2_D_Q11_d_GV1	1	2	3		
е	Dementia w2_D_Q11_e_GV1	1	2	3		
f	High blood pressure w2_D_Q11_f_GV1	1	2	3		
g	Diabetes w2_D_Q11_g_GV1	1	2	3		
h	Respiratory illness (chronic, such as asthma) w2_D_Q11_h_GV1	1	2	3		

		1		1	
i	Digestive illness (stomach or intestinal)       1         w2_D_Q11_i_GV1       1		2	3	
j	Renal/kidney or urinary tract ailments1w2_D_Q11_j_GV1		2	3	
k	Ailments of the liver or gallbladder1w2_D_Q11_k_GV1		2	3	
I	Fractures of the hip, thigh, and pelvis1w2_D_Q11_I_GV1		2	3	
m	Other, specify: w2_D_Q11m_Other_Specify 1 w2_D_Q11_m_GV1		2	3	
Q12	Did (subject) fall down in the last one year of his/her life? w2_D	D_Q12		·	
	1 Yes 2 No		3 Don't kno	w	
Q13	How many times did (subject) fall down <u>in the last one year</u> of	his/ her	r life? w2_D_Q1:	3	
	1 DK/Can't remember w2	2_D_Q13	_Codes		
Q14	In that fall/ In any of these falls, did (subject) injure himself/her treatment? w2_D_Q14	rself sei	riously enough to	need medical	
	1 Yes 2 No		3 Don't kno	ow.	
Q15	How would you describe (subject's) state of health in the last r	month c	of his/her life? w2_	D_Q15	
	1   Very healthy     4   Somewhat unhealthy				
	2 Healthier than average 5 Ve	ry unhe	nhealthy		
			Ire		
	3 Of average health 6 No	ot sure			
Q16	3Of average health6No[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) during the 3 mont	s some			
Q16	[Showcard 2] The following is a list of problems older person	s some			
Q16	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u>	s some			
	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u>	s some	re he/she passed	away.	
1	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know)	s some hs befo	ne he/she passed	<u>away.</u> Yes	
1 2	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T	s some hs befo	No 2	away. Yes 1	
1 2 3	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1	s some hs befo	No 2 2 2	Away. Yes 1 1	
Q16 1 2 3 4 5	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1	s some hs befo	No 2 2 2 2 2	away. Yes 1 1 1	
1 2 3 4 5	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1 Losing or misplacing things w2_D_Q16_4_GV1	s some hs befo	No No 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	away. Yes 1 1 1 1 1	
1 2 3 4 5 6	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1 Losing or misplacing things w2_D_Q16_4_GV1 Forgetting what day it is w2_D_Q16_5_GV1	s some hs befo	No 2 2 2 2 2 2 2 2 2 2 2	away. Yes 1 1 1 1 1 1 1	
1 2 3 4 5 6 7	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1 Losing or misplacing things w2_D_Q16_4_GV1 Forgetting what day it is w2_D_Q16_5_GV1 Starting, but not finishing, things w2_D_Q16_6_GV1	s some hs befo	No2222222222222222	away. Yes 1 1 1 1 1 1 1 1 1	
1 2 3 4 5 6 7 8	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) during the 3 mont (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1 Losing or misplacing things w2_D_Q16_4_GV1 Forgetting what day it is w2_D_Q16_5_GV1 Starting, but not finishing, things w2_D_Q16_7_GV1	s some hs befo	No222222222222222222222	away. Yes 1 1 1 1 1 1 1 1 1 1	
1 2 3 4 5 6 7 8 9	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1 Losing or misplacing things w2_D_Q16_4_GV1 Forgetting what day it is w2_D_Q16_5_GV1 Starting, but not finishing, things w2_D_Q16_6_GV1 Difficulty concentrating on a task w2_D_Q16_7_GV1 Destroying property w2_D_Q16_8_GV1	s some hs befo	No2222222222222222222222222222	away. Yes 1 1 1 1 1 1 1 1 1 1 1 1	
1 2 3 4	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) during the 3 mont (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1 Losing or misplacing things w2_D_Q16_4_GV1 Forgetting what day it is w2_D_Q16_5_GV1 Starting, but not finishing, things w2_D_Q16_6_GV1 Difficulty concentrating on a task w2_D_Q16_7_GV1 Destroying property w2_D_Q16_8_GV1	s some hs befo	No22222222222222222222222222222	away. Yes 1 1 1 1 1 1 1 1 1 1 1 1 1	
1 2 3 4 5 6 7 8 9 10 11	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) during the 3 mont (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1 Losing or misplacing things w2_D_Q16_4_GV1 Forgetting what day it is w2_D_Q16_5_GV1 Starting, but not finishing, things w2_D_Q16_6_GV1 Difficulty concentrating on a task w2_D_Q16_7_GV1 Destroying property w2_D_Q16_8_GV1 Waking you or other family members up at night w2_D_Q16_10_GV1	s some hs befo	No2222222222222222222222222222222222	away. Yes 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1 2 3 4 5 6 7 8 9 10	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1 Losing or misplacing things w2_D_Q16_4_GV1 Forgetting what day it is w2_D_Q16_5_GV1 Starting, but not finishing, things w2_D_Q16_6_GV1 Difficulty concentrating on a task w2_D_Q16_7_GV1 Destroying property w2_D_Q16_8_GV1 Waking you or other family members up at night w2_D_Q16_10_GV1 Talking loudly and rapidly w2_D_Q16_11_GV1	s some hs befo	No22222222222222222222222222222222222	away. Yes 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1 2 3 4 5 6 7 8 9 10 11 12	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1 Losing or misplacing things w2_D_Q16_4_GV1 Forgetting what day it is w2_D_Q16_5_GV1 Starting, but not finishing, things w2_D_Q16_6_GV1 Difficulty concentrating on a task w2_D_Q16_7_GV1 Destroying property w2_D_Q16_8_GV1 Doing things that embarrass you w2_D_Q16_9_GV1 Waking you or other family members up at night w2_D_Q16_10_GV1 Talking loudly and rapidly w2_D_Q16_12_GV1 Engaging in behavior that is potentially dangerous to self or others	s some hs befo	No2222222222222222222222222222222222222	away. Yes 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1 2 3 4 5 6 7 8 9 10 11 12 13	[Showcard 2] The following is a list of problems older person these problems had occurred with (subject) <u>during the 3 mont</u> (For w2_D_Q16_1_GV1 to w2_D_Q16_24_GV1, 3 =don't know) Asking the same question over and over w2_D_Q16_1_GV1 Trouble remembering recent events (eg Items in newspaper or on T w2_D_Q16_2_GV1 Trouble remembering significant past events w2_D_Q16_3_GV1 Losing or misplacing things w2_D_Q16_4_GV1 Forgetting what day it is w2_D_Q16_5_GV1 Starting, but not finishing, things w2_D_Q16_6_GV1 Difficulty concentrating on a task w2_D_Q16_7_GV1 Destroying property w2_D_Q16_8_GV1 Doing things that embarrass you w2_D_Q16_9_GV1 Waking you or other family members up at night w2_D_Q16_10_GV1 Talking loudly and rapidly w2_D_Q16_11_GV1 Appears anxious or worried w2_D_Q16_12_GV1 Engaging in behavior that is potentially dangerous to self or others w2_D_Q16_13_GV1	s some hs befo	No222222222222222222222222222222222222	away. Yes 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Aggressive to others verbally w2\_D\_Q16\_16\_GV1

17	Appears sad or depressed w2_D_Q16_17_GV1	2	1
18	Expressing feelings of hopelessness or sadness about future (eg. "Nothing worthwhile ever happens", "I never do anything right") w2_D_Q16_18_GV1	2	1
19	Crying or tearfulness w2_D_Q16_19_GV1	2	1
20	Commenting about death of self or others (eg. "life isn't worth living", "I'd be better off dead") w2_D_Q16_20_GV1	2	1
21	Talking about feeling lonely w2_D_Q16_21_GV1	2	1
22	Comments about feeling worthless or burden to others w2_D_Q16_22_GV1	2	1
23	Comments about feeling like a failure or about not having any worthwhile accomplishments in life w2_D_Q16_23_GV1	2	1
24	Arguing, irritability, and/or complaining. w2_D_Q16_24_GV1	2	1

SECTION 4: Assistance with Key Activities

For the next set of questions, I'd like you to think about the original participant's condition in the last month before their passing away.

[Interviewer: Ask a ~ g, repeating (i) to (iii) for each as appropriate.]

- Q17 (i) Did the (subject) find it difficult to \_\_\_\_\_ alone without the assistance of a person or assistive device due to your (subject's) health or physical state?
  - (ii) [If "difficult", (i)=1] How difficult did (subject) find it to \_\_\_\_\_ by yourself?
    - (iii) [If "difficult", (i)=1] Did (subject) need assistance / device to \_\_\_\_?

Ac	tivities	Q17 (i) Difficult	Q17 (ii) How difficult?	Q17 (iii) Assistance / Device
a.	Take a bath/shower	<ol> <li>Difficult</li> <li>Not difficult [Go to b]</li> <li>Not sure [Go to b]</li> <li>w2_D_Q17a_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_D_Q17a_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify w2_D_Q17a_iii_Other)</li> <li>No</li> <li>Not sure w2_D_Q17a_iii</li> </ol>
b.	Dress up	<ol> <li>Difficult</li> <li>Not difficult [Go to c]</li> <li>Not sure [Go to c] w2_D_Q17b_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_D_Q17b_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify: w2_D_Q17b_iii_Other)</li> <li>No</li> <li>Not sure w2_D_Q17b_iii</li> </ol>
C.	Eat	<ol> <li>Difficult</li> <li>Not difficult [Go to d]</li> <li>Not sure [Go to d]</li> <li>w2_D_Q17c_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_D_Q17c_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify: w2_D_Q17c_iii_Other)</li> <li>No</li> <li>Not sure w2_D_Q17c_iii</li> </ol>
d.	Stand up from a bed /chair; sitting down on a chair	<ol> <li>Difficult</li> <li>Not difficult [Go to e]</li> <li>Not sure [Go to e]</li> <li>w2_D_Q17d_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_D_Q17d_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify: w2_D_Q17d_iii_Other)</li> <li>No</li> <li>Not sure w2_D_Q17d_iii</li> </ol>
e.	Walk (around the house)	<ol> <li>Difficult</li> <li>Not difficult [Go to f]</li> <li>Not sure [Go to f]</li> <li>w2_D_Q17e_i</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_D_Q17e_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify: w2_D_Q17e_iii_Other)</li> <li>No</li> <li>Not sure w2_D_Q17e_iii</li> </ol>

f.	Go outside (leave the house)	<ol> <li>Difficult</li> <li>Not difficult [Go to g]</li> <li>Not sure [Go to g]</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify: w2_D_Q17f_iii_Other)</li> </ol>
		w2_D_Q17f_i	4. Not sure	3. No
			w2_D_Q17f_ii	4. Not sure w2 D Q17f iii
g.	Use the toilet	1. Difficult 2. Not difficult [Go to Q18] 3. Not sure [Go to Q18] w2_D_Q17g_i	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w2_D_Q17g_ii</li> </ol>	<ol> <li>Yes, human assistance</li> <li>Yes, device assistance (Specify: w2_D_Q17g_iii_Other)</li> <li>No</li> <li>Not sure w2_D_Q17g_iii</li> </ol>

#### Q18 How much time before the death of [subject] was he/she no longer able to do at least one of the above activities?

	Months w2_D_Q 18_Mont h	years w2_D_Q18	Don't know	2	NA (needed no assistance)
			w2_D_Q18_Co	des	
Q19	About how many days or weeks I	before (he/she) die	ed did [subject]	lose o	consciousness?

#### weeks w2\_D\_Q w2\_D\_Q19 1 Never lost consciousness w2\_D\_Q19\_Codes 19\_days weeks

#### Q20 About how long was (subject) bedridden before he/she passed away? w2\_D\_Q20

- 1 Less than a day
- 2 From 2 days to under a week

days

- From 1 week to under 1 month 3
- 4 From 1 month to under 3 months

- 5 From 3 months to under 6 months
- 6 From 6 months to under 1 year
- From 1 year to under 3 years 7
- Over 3 years , Please explain: 8
  - w2\_D\_Q20\_Other

#### **SECTION 5: Heath Care Utilization**

#### Now I would like to ask about (subject)'s contact with health professionals and services Q21

	(ii) Number of		lf 1 or	more visit in last month	
(i) During the <u>last one</u> <u>month before (subject)</u> <u>passed away</u> , did he/she …	No	Yes	times in the last one month before (subject's) death?	(iii) How much did (subject) pay on a typical visit?	(iv) <b>[SHOWCARD 3]</b> Again, thinking about all visits in last one month before subject's death, what was the <b>largest source</b> of payment for these visits?
a. see or talk to a doctor in a public or private hospital or a polyclinic? w2_D_Q21a_i	2 [Go to b]	1 →	times w2_D_Q21a_ii	S\$ w2_D_Q21a_iii w2_D_Q21a_iii _Codes (1 = Don't know, 2 = Refused)	w2_D_Q21a_iv w2_D_Q21a_iv_Other
b. see or talk to a Traditional Chinese Medicine (TCM) practitioner or a traditional healer? w2_D_Q21b_i	2 [Go to 22]	1 →	times w2_D_Q21b_ii	S\$ w2_D_Q21b_iii w2_D_Q21b_iii _Codes (1 = Don't know, 2 = Refused)	w2_D_Q21b_iv w2_D_Q21b_iv_Other

Yrs

Q22 During the last six months before (subject) passed away, did he/she go to a hospital emergency room for help with a health problem? w2\_D\_Q22

1 Yes	2 No [Go to Q23.1]		
(i) Number of times in	If 1 or more visit in last six month		
the <u>last six months</u> before (subject) passed away	(ii) How much did (subject) pay out-of-pocket on a typical visit?	(iii) <b>[SHOWCARD 3]</b> Thinking about all visits in last six months, what was the <b>largest source</b> of payment for these visits	
	S\$	w2_D_Q22_iii	
times	w2_D_Q22_ii		
w2_D_Q22_i	w2_D_Q22_ii_Codes (1 = Don't know, 2 = Refused)		

(For Internal Code Only – use for Q21 (iv) & 22 (ii), Q23.2(iv) & Q24.3 (v))				
1 Own pocket		7	Medifund	
2 Child's pocket		8	Medishield	
3	Own Medisave	9	Own Private health insurance	
4	Spouse out-of-pocket	10	Civil Service card	
5 Spouse's Medisave		11	Social Assistance scheme	
6	Child's Medisave	12	Others (Specify: w2_D_Q22_iii_Other)	

Q23.1 During the last six months before (subject) passed away, was he/she admitted to a public/ private hospital (By admitted, I mean he/she was kept in a hospital for at least one night in a hospital bed) w2 D Q23 1

1 Yes No [Go to Q24.1] 2

 $\sim \sim \sim \sim$ 

Q 23.2				
(i) Number of Nights, over all admissions during <u>the last six</u> <u>months</u> before (subject) passed away.	(ii) How long was the last admission?	(iii) How much did (subject) pay out-of- pocket for the last admission?	(iv) <b>[SHOWCARD 3]</b> Thinking about all admissions in last six months, what was the <b>largest source</b> of payment for these admissions?	
		S\$	w2_D_Q23_2_iv	
nights	nights	w2_D_Q23_2_iii	w2_D_Q23_2_iv_Other	
w2_D_Q23_2_i	w2_D_Q23_2_ii	w2_D_Q23_2_iii_Codes (1 = Don't know, 2 = Refused)		

#### Q24.1 In the last two years before (subject) passed away, was (subject) ever admitted to a nursing home?

w2\_D\_Q24\_1

Yes 1

No [Go to Q25] 2

#### Q24.2 How many times was (subject) been admitted to a nursing home in the last two years before he/she passed away? w2\_D\_Q24\_2

times

_Q24.3	
	ut all admissions hths, what was <b>ource</b> of

Nights w2_D_Q24_3_i		nights w2_D_Q24_3_iii	S\$ w2_D_Q24_3_iv	w2_D_Q24_3_v w2_D_Q24_3_v_Other
	w2_D_Q24_3_ii			

- Q25 <u>In the last two years</u> before (subject) passed away did (the subject) ever actively seek consultation for admission to a nursing home? w2\_D\_Q25
  - 1 Yes 2 No 3 NA
- Q26.1 (i) <u>If Q24.1 or Q25 is 1= Yes</u>, then when (subject) was admitted or actively sought consultation for admission to a nursing home, how difficult did (subject) find it to \_\_\_\_\_ alone without the assistance of a person or assistive device?

(ii) How long before the first nursing home admission/ first seeking consultation for admission to a nursing home, did difficulty in \_\_\_\_\_begin?

(iii) On a scale of 1 to 10, where 1 is not much stress at all, and 10 is a great deal of stress, how much stress did the main caregiver have while assisting (subject) to \_\_\_\_?

[The main caregiver is a family member or friend of (subject) who was most involved in providing care or ensuring provision of care to (subject)]

Activities	(i) How difficult?	(ii) Length of time between onset of difficulty and first admission to a nursing home/ seeking consultation for admission to nursing home?	(iii) Stress to the main caregiver as a result of providing care. Please rate on a scale of 1-10 [Interviewer: Only ask the proxy]
<b>a</b> Take a bath/shower	<ol> <li>Not difficult [Go to b]</li> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure [Go to b]</li> <li>w2_D_Q26_1a_i</li> </ol>	Days w2_D_Q26_1a _ii_Days Months w2_D_Q26_1a _ii_Months Years w2_D_Q26_1a _ii_Years w2_D_Q26_1a _ii_Years w2_D_Q26_1a _ii_Codes (1 = not sure)	Less More Stress Stress 1 2 3 4 5 6 7 8 9 10 w2_D_Q26_1a_iii
<b>b</b> Dress up	<ol> <li>Not difficult [Go to c]</li> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure [Go to c]</li> <li>w2_D_Q26_1b_i</li> </ol>	Days w2_D_Q26_1b _ii_Days Months w2_D_Q26_1b _ii_Months Years w2_D_Q26_1b _ii_Years w2_D_Q26_1b _ii_Years w2_D_Q26_1b _ii_Codes (1 = not sure) no values labeled	Less More Stress Stress 1 2 3 4 5 6 7 8 9 10 w2_D_Q26_1b_iii
<b>c</b> Eat	<ol> <li>Not difficult [Go to d]</li> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure [Go to d]</li> <li>w2_D_Q26_1c_i</li> </ol>	days w2_D_Q26_1c _ii_Days Months w2_D_Q26_1c _ii_Months Years w2_D_Q26_1c _ii_Years w2_D_Q26_1c _ii_Codes (1 = not sure)	Less More Stress Stress 1 2 3 4 5 6 7 8 9 10 w2_D_Q26_1c_iii

d Use the toilet	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> </ol>	 Days w2_D_Q26_1d _ii_Days months	Less Stress	More Stress
	<ul> <li>4. Unable to perform</li> <li>5. Not sure [Go to Q26.2]</li> <li>w2_D_Q26_1d_i</li> </ul>	 w2_D_Q26_1d _ii_Months Years w2_D_Q26_1d _ii_Years w2_D_Q26_1d _ii_Codes (1 = not sure)	1 2 3 4 5 6 7 8 w2_D_Q26_1d_iii	9 10

Q26.2 (i) <u>If Q24.1 or Q25 is 1= Yes</u>, then when (subject) were admitted or actively sought consultation for admission to a nursing home, did (subject) show any \_\_\_\_?

(ii) How long before the first nursing home admission/ first seeking consultation for admission to a nursing home, did \_\_\_\_\_begin?

(iii) [Interviewer: Ask only to the proxy] On a scale of 1 to 10, where 1 is not much stress at all, and 10 is a great deal of stress, how much stress did you have as a result of this \_\_\_\_\_?

		(i) Presence of memory problems/ disruptive behaviors	(ii) Length of time between onset of behavior and first admission to a nursing home/ seeking consultation for admission to nursing home?	(iii) Stress as a result of the behavior. Please rate on a scale of 1-10 [Interviewer: Only ask the proxy]
а	<b>Memory related problems</b> such as asking the same question over and over, losing and misplacing things etc	1. Yes 2. No [Go to b] 3. Not Sure [Go to b] w2_D_Q26_2a _i	Days w2_D_Q26 _2a_ii_Day s Months w2_D_Q26 _2a_ii_Mon ths Years w2_D_Q26 _2a_ii_Year s	Less More Stress Stress 1 2 3 4 5 6 7 8 9 10 w2_D_Q26_2a_iii
b	<b>Disruptive behaviors</b> such as destroying property, engaging in behaviors that was potentially dangerous to self or others, was aggressive to other verbally, threatening to hurt others, threatening to hurt oneself, engaging in a behavior that was embarrassing.	1. Yes 2. No [Go to Q27] 3. Not Sure [Go to Q27] w2_D_Q26_2b_ i	Days w2_D_Q26 _2b_ii_Day s Months w2_D_Q26 _2b_ii_Mon ths Years w2_D_Q26 _2b_ii_Yea rs	Less More Stress Stress 1 2 3 4 5 6 7 8 9 10 w2_D_Q26_2b_iii

Q27 [Interviewer: Ask if Q24.1 or Q25=1]

Now, we would like to know if availability of certain services can prevent nursing home placement.

Please tell us if access to any of the following services could have possibly prevented (subject's) nursing home placement/ actively seeking consultation for nursing home admission? *[Maximum three responses]* (for w2\_D\_Q2701 to w2\_D\_Q2710, **0** = No, **1** = Yes)

- 1 Day care centers (including senior activity centers and dementia day care centers) w2\_D\_Q2701
- 2 Day care centers with transportation services w2\_D\_Q2702
- 3 Night care services e.g. night sitter w2\_D\_Q2703
- 4 Home health services e.g. nurse, physical therapist etc. w2\_D\_Q2704
- 5 Home care services e.g. for cleaning, cooking etc. w2\_D\_Q2705
- 6 Training of family members to provide home care **w2\_D\_Q2706**
- 7 Training of domestic worker/ maid to provide home care w2\_D\_Q2707
- 8 Provision of care subsidies e.g. tax breaks or credits w2\_D\_Q2708
- 9 Support at work place e.g. flexible work hours w2\_D\_Q2709
- 10 Any other, please specify w2\_D\_Q2710 w2\_D\_Q27\_Other
- Q28

<ul> <li>(i) During the last <u>six</u> months before the subject</li> <li><u>passed away</u>, was he/she</li> <li>admitted to a</li> <li>(By admitted, I mean he/she</li> <li>was kept in a hospice for at</li> <li>least one night in a hospice</li> <li>bed)</li> </ul>	No	Yes	(ii) Number of Nights, over all admissions <u>during the last</u> <u>six months</u> before subject's death	(iii) How long was the last admission?	(iv) How much did (subject) pay for last admission?	(v) <b>[SHOWCARD 3]</b> Again, thinking about all admissions in last six months before subject's death, what was the <b>largest</b> <b>source</b> of payment for these admissions?
a. in-patient hospice w2_D_Q28_i	2 [Go to Q29]	1 →	nights w2_D_Q28_ii w2_D_Q28_ii_Co des (1 = Don't know, 2 = Refused)	Nights w2_D_Q28_iii w2_D_Q28_iii _Codes (1 = Don't know, 2 = Refused)	S\$ w2_D_Q28_iv w2_D_Q28_iv _Codes (1 = Don't know, 2 = Refused)	w2_D_Q28_v w2_D_Q28_v_Other

Q29

On average, how much money was spent per month on buying during the last 6 months before (subject)'s passing away?	(i) Average monthly amount (in SGD)	(iii) <b>[SHOWCARD 3]</b> What was the <b>largest source</b> of payment for these medications?
a. prescription medications	S\$ w2_D_Q29a_Amount w2_D_Q29a_Amount_Codes (1 = Don't know, 2 = Refused)	w2_D_Q29a_Source w2_D_Q29a_Source_Other
b. non-prescription / over the counter medications	S\$ w2_D_Q29b_Amount w2_D_Q29b_Amount_Codes (1 = Don't know, 2 = Refused)	w2_D_Q29b_Source w2_D_Q29b_Source_Other
c. traditional medicines (herbs and other products)	S\$ w2_D_Q29c_Amount w2_D_Q29c_Amount_Codes (1 = Don't know, 2 = Refused)	w2_D_Q29c_Source w2_D_Q29c_Source_Other

We are now going to ask you about (subject's) use of special medical equipment such as walkers, crutches, braces, prostheses, bathing/ toileting aids, wheelchair, reacher etc in the last 1 month before (subject's) passing away? w2\_D\_Q30\_Purchased

## w2\_D\_Q30\_Rented

- Q30 Did (subject) or a family member purchase or rent this equipment in the <u>last 1 month</u> before subject passed away?
  - Yes, purchased → What was the cost of purchasing this equipment? w2\_D\_Q301

SGD\$

#### 2 Yes, rented → What was the cost of renting this equipment in last 1 month before subject's passing away? w2\_D\_Q302 SGD\$

3 Neither rented nor purchased [Go to Q33] w2\_D\_Q303

Q31 [SHOWCARD 3] How did (subject) or family member pay for this purchase/ rent? Please list all sources that apply? (for w2\_D\_Q3101 to w2\_D\_Q3112, 0 = No, 1 = Yes)

(For Internal Code Only – use for Q28, Q29, Q31 & Q32)

1	Own pocket w2_D_Q3101	7	Medifund w2_D_Q3107
2	Child's pocket w2_D_Q3102	8	Medishield w2_D_Q3108
3	Own Medisave w2_D_Q3103	9	Own Private health insurance w2_D_Q3109
4	Spouse out-of-pocket w2_D_Q3104	10	Civil Service card w2_D_Q3110
5	Spouse's Medisave w2_D_Q3105	11	Social Assistance scheme w2_D_Q3111
6	Child's Medisave w2_D_Q3106	12	Others (Specify: w2_D_Q3112 w2_D_Q31_Other)

#### Q32 [SHOWCARD 3] What was the largest source of payment for these equipment? w2\_D\_Q32

(For I	(For Internal Code Only – use for Q28, Q29, Q31 & Q32)						
1	Own pocket	7	Medifund				
2	Child's pocket	8	Medishield				
3	Own Medisave	9	Own Private health insurance				
4	Spouse out-of-pocket	10	Civil Service card				
5	Spouse's Medisave	11	Social Assistance scheme				
6	Child's Medisave	12	Others (Specify: w2_D_Q32_Other)				

# Q33 Did (subject) receive help from a maid/ foreign domestic worker/nurse in<u>last one month</u> before passing away? w2\_D\_Q33

2 No [End of Interview]

Q34 How much money was the maid/ foreign domestic worker/nurse directly paid in the <u>last 1 month</u> before passing away? w2\_D\_Q34

w2\_D\_Q34\_Codes (1 = Don't know, 2 = Refused)

SGD\$

# Q35 Who paid for the maid/ foreign domestic worker/nurse? w2\_D\_Q35

- 1 Self
- 2 Child
- 3 Other (Specify: w2\_D\_Q35\_Other)

<sup>1</sup> Yes

**w2\_Fieldwork\_PHASE\_revised** Fieldwork status for PHASE (Wave 2) [Note: Status based on combination of fieldwork and MOH mortality databases]

- 11 Alive, Administered survey
- 12 Deceased, Administered decedent questionnaire
- 19 Deceased, Uncontactable of Next-of-Kin
- 31 Alive, Refused by Call/ Email
- 32 Deceased, Refused by Call/ Email
- 41 Alive, Refused Upon Visit
- 42 Deceased, Refused upon Visit
- **991** Alive, Uncontactable (*Note: These include those uncontactable in the fieldwork, but were alive as of the date of last contact as per MOH databases*)
- **992** Deceased, Uncontactable (*Note: These include those uncontactable in the fieldwork, but were dead as of the date of last contact as per MOH databases*)

w2\_Mortality\_PHASE\_revised Mortality status for PHASE (Wave 2) [Note: Status based on fieldwork]

- 1 Alive (Note: This includes those who were uncontactable, but were alive as of the date of last contact as per MOH databases)
- 2 Deceased (Note: This includes those who were uncontactable, but were dead as of the date of last contact as per MOH databases)

#### Dead\_by\_Dec\_2012:

- 0 Alive at end-Dec 2012
- 1 Dead at end-Dec 2012

Note: Mortality status, as at 31 December 2012, based on combination of fieldwork and MOH databases

ByDec2012\_Date\_of\_death\_15 Date of Death, for those dead by 31 December 2012, based on MOH databases (if available), and if not then decedent interview or imputed as mid-point of SIHLS interview date and PHASE contact date or mid-point of PHASE interview date. All values for "day" of death were imputed as the 15<sup>th</sup> of the month of death.

Singapore Assessment for Frailty in Elderly - Building upon the Panel on Health and Aging of Singaporean Elderly, 2015 (SAFE-PHASE, 2015)											
	<u>Sci</u>	reener fo	or ch	005	ing r	espondent	t: Subj	ect	or Pr	<u>oxy</u>	
<u>NOTE</u> : VARIABLE NAMES, as they appear in the dataset are in RED font RESPONSE CATEGORY CODES, as they appear in the dataset are in BLUE font											
Type of responden	Type of respondent w3_TYPE 1 = SUBJECT, 2 = PROXY, 3 =DECEDENT										
Going to key in 1 (s	screener	) or key in	4 (de	cede	nt)? w	3_SURVEY1			•	screener/main) decedent)	)
					NAME OF SUBJECT:						
[Interviewer: Fill i	n the fol	llowing in	forma	ation	after y		mpletec	the	e scree	ner.]	
CONTACT NO.:				(H)					(O)		(HP/PGR)
INTERVIEWER:					DATE OF INTERVIEW:				w3_DATE1		
TIME STARTED:	IME STARTED:					ENDED:					
TOTAL TIME TAKEN FOR INTERVIEW:				w3	_TIME	1			MIN	JTES	
[Interviewer: Please NUMBER OF VISIT w3_VISIT1		<b>de time u</b> I <sup>st</sup> VISIT				ect to attend / 3 <sup>rd</sup> VISIT		ona VIS		s or to rest.] 5 <sup>th</sup> VISIT	
					INTRO	ODUCTION					
Good morning / afternoon / evening. My name is and I am from We are conducting a follow-up survey of the people who had participated in the Social Isolation, Health and Lifestyles											

a follow-up survey of the people who had participated in the Social Isolation, Health and Lifestyles Survey, 2009, and Panel on Health and Aging of Singaporean Elderly, 2011. As one of the participants of the original survey, we would appreciate it if you could spare us some time to answer some questions. This follow-up survey will help us to study the social, economic and health changes in individuals as they age.

In order to assess the your (name of subject) eligibility to be a respondent for this survey, we would like to ask you some questions. These questions will take around 10 minutes of your time. We will appreciate if you could spare us the time to answer these questions. Based on your response, you (name of subject), or a family member responding on your (name of subject) behalf, will be asked to respond to a more detailed interview. Following the interview, measurements such as height, weight, blood pressure and hand grip strength will be taken from you (name of subject). The detailed interview and measurements will take about 60 minutes of your (name of subject) time. If you (name of subject), or a family member responding on your (name of subject) time. If you (name of subject), or a family member responding on your (name of subject) behalf, agree to participate in the detailed interview, the respondent will be compensated for his or her time and effort with a shopping voucher worth 30 dollars. Further, if you (name of subject) agree for the measurements, additional compensation in the form of shopping vouchers worth 20 dollars will be given.

There are no right or wrong answers to the questions, and you do not have to respond to any questions that you feel uncomfortable answering. Please be assured that your identity and the information given by you will be kept strictly confidential and that only group data will be reported. Please feel free to call

		at Tel: if you need any clarification on this survey.
[Intervi	ewer: I	Please ask for the subject listed in the sampling frame.]
S1	Reco	rd: Person responding to the screener. w3_S1
	1 S	ubject himself / herself [Go to SECTION I]
	<b>2</b> S	ubject is unable to respond due to illness or other reasons [Go to SECTION II]
		SECTION I
Untorsi		
Intervi	ewer:	This section is administered only to the subject and not to proxies.]
The firs	st ques	tion will be regarding health.
S2		<i>HOWCARD]</i> In general, would you describe your state of health as excellent, very good, od, fair or poor? w3_S2
	1	Excellent
	2	Very Good
	3	Good
	4	Fair
	5	Poor
S3	co w3 0= 1= 2=	ease imagine this pre-drawn circle is a clock. I would like you to write the numbers in the rrect positions then draw the hands to indicate a time of 'ten minutes after eleven' <u>CDT</u> : clock drawing test Pass Fair with minor error Fair with major error =Not applicable

The next set of questions is about memory. The questions may seem unusual, but they are routine questions we ask of everyone. Some of the questions are very easy and some are difficult, so do not be surprised if you have trouble with some of them.

Please try to answer these questions correctly and to the best of your knowledge. (For w3\_S4A to w3\_S4J, 0 = Correct, 1 = Incorrect)

S4	Questions	Response	Correct	Incorrect	Correct only when:
a.	What is today's date? (including date, month and year) w3 S4A		0	1	The month, date and year are all correct
b.	What is the day of the week? w3_S4B		0	1	The day is correct
C.	What is the name of this place in Singapore? w3_S4C		0	1	Any of the description of the location is given: correct district, zone, street, name of the area, name of the apartment complex are all acceptable

d.	What is your phone number? w3_S4D		0	1	The number can be verified or the subject can repeat the same number at a later time in the interview
e.	When were you born? w3_S4E		0	1	The month, date and year are correct
f.	How old are you? w3_S4F		0	1	The stated age corresponds to the date of birth
g.	Who is the current Prime Minister? w3_S4G		0	1	It is Lee Hsien Loong. Requires the full name to be mentioned.
h.	Who was the Prime Minister before him? w3_S4H		0	1	It is Goh Chok Tong. Requires the full name to be mentioned.
i.	What was your mother's maiden name? w3_S4I		0	1	Needs no verification
j.	Please count backward from 20 by 3's? w3_S4J		0	1	The entire series must be performed correctly to be scored as correct. Any error in the series – or an unwillingness to attempt the series – is scored as incorrect
w3_spi SPMSC w3_spi PLEAS (Create less that	) score uncorrected for in <b>n_corr</b> E USE THIS VARIABLE I	erviewer error PLEAS ISTEAD of <b>w3_S4</b> or sure of cognitive impa	E DO NOT USE w3_spmsq irment, a corrected		ne individuals have a sum of nan zero to zero before
and cor	nce: Malhotra, R., Haalan rection for interviewer err <i>logy international</i> , 15(3),	r on an instrument as			r, D. B. (2015). Presence of der adults. <i>Geriatrics</i> &
w3_cog (Create correcte 1: Intell 2: Mildl	gncat_corr d variable: Summary mea ed score. See reference a ectually intact y impaired erately impaired	sure of cognitive impa	irment, in categorie	es. <i>Note</i> : Th	is is created using the
	rely impaired				
[Intervi - -	If the respondent has <u>6</u> o Go to Section I If the respondent has <u>1</u> o Take consent fil		esponses in S4:		
		Page			

# SECTION II

[Interviewer: This section is to be filled in only if the subject is unable to respond due to illness or other reasons, <u>or</u> has 8 or more incorrect responses in S4 in Section I]

[Interviewer: Please select a proxy for providing consent and answering the main questionnaire. This proxy must be someone who...

- lives in the same household as (name of subject), AND
- has been helping the subject in his or her daily existence for some time, AND
- is either a family member or someone who has been living with the subject. (Maids are NOT ELIGIBLE for this interview), AND
- is aged is aged 21 years or above ]

May I know if there is anyone aged 21 years or above living in the same household as (name of subject) who has been helping the subject in his or her daily existence for some time, and is either a family member or someone who has been living with the subject?

P1	Rea	son the proxy is the respondent rather than the subject named in the list [MA]:					
	1	The subject has been hospitalized, and cannot be revisited during survey period w3_P1C1 When was the subject hospitalized moved to the institution? (If more that once, record the most recent.)					
	2 3	The subject has moved to a nursing home. w3_P1C2 The subject has been moved to an institution for health reasons (including physical or psychological). w3_P1C3 Month w3_P1MTH (99 =DK/RF/NO RESPONSE)					
	4	The subject has been moved to an institution for reasons other than health. (e.g. subject has been incarcerated for a traffic violation or otherwise) w3_P1C4					
	5	The subject has hearing difficulties (the subject is hearing impaired, etc.). <b>w3_P1C5</b>					
	6	The subject has difficulties speaking (the subject is experiencing verbal difficulties). w3_P1C6					
	7	The subject is experiencing confusion or loss of consciousness, etc. w3_P1C7					
	8	The subject has 8 or more incorrect responses in S3 in Section I. w3_P1C8					
	9	The subject is unable to respond because of memory loss or dementia w3_P1C9					
	10	The subject is experiencing some other form of psychological disorder. w3_P1C10					
	11	The subject has a physical illness or disability. w3_P1C11					
	12	The subject cannot respond for other reasons unrelated to health. <b>w3_P1C12</b> (Please explain: <b>w3_P1C120</b> )					
P2		at is your relationship with (name of subject)? w3_P2					

		Crosses and the second s
	1	Spouse
	2	Son
	3	Daughter
	4	Daughter-in-law
	5	Son-in-law
	6	Grandchild
	7	Relative other than the aforementioned (Please explain: w3_P20)
	8	Other (please explain:)
P3	[Sł	<i>HOWCARD]</i> What is the highest educational level that you have completed? w3_P3
	1	No formal education
	2	Primary
	3	Secondary
	4	Vocational/ITE
	5	JC/Poly
	6	University and above
	7	Don't know/can't remember
P4		How old are you now? w3_P4Years Old
P5	go	<i>HOWCARD]</i> In general, would you describe the subject's state of health as excellent, very od, good, fair, or poor? w3_P5
	1	Excellent
	2	Very Good
	3	Good
	4	Fair
	5	Poor

- Take consent from proxy.
- Proceed with the main questionnaire. ]

	Si	ngapo				por	ean Elde Main Qu	rly, 20 estion	15 (S	AFE-	on the Panel o PHASE, 2015)	on Health a	nd
		RI					s they app				t are in <mark>RED</mark> fon dataset are in <mark>Bl</mark>		
	SAFE-I	PHASE C	ASE NO:				NAME OF SU	JBJECT:					
			in 2 (Main <b>URVEY2</b>	Questionn	aire) (	or end	d data			questic a entry	onnaire) ′		
		veight s-sectio		ey weights	to be	e use	ed for analy	ysis do	ne usi	ing SA	AFE-PHASE (Wa	ve 3) data	
	[Interv	viewer:	Fill in the fo	llowing info	ormati	ion af	ter you have	comple	ted the	e quest	ionnaire.]		
	CONT	ACT NO.	:			(H)				(O)		(HP/PGR)	
	INTER	VIEWER	:				DATE OF IN	ITERVIE\	N:	w3_	DATE2		
	TIMES	STARTED	):				TIME ENDE	ED:					
	TOTAL	TIME TA	AKEN FOR II	NTERVIEW:		wa	B_TIME2				MINUTES		
	[Interv	viewer:	Please inclu	ide time use	d by t		bject to atte	-			-		
	NUME w3_V	BER OF V T <mark>ISIT2</mark>	/ISITS:	1 <sup>st</sup> VISIT	/	2 <sup>nd</sup> V	ISIT /	3 <sup>rd</sup> VISIT	/ /	4 <sup>th</sup> VISI	T / 5 <sup>th</sup> VISIT		
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				t connecte			•	,					
			•				, urself (sub	ject).					
Q	1		, ,	ubject's) ı	natio	nalit	y? <mark>w3_Q1</mark>						
			Singapor				<u>.</u>			-			
			(In which	year did	you b	pecor	ne a Singa	pore c	tizen	?)			
				w	3_Q1	_YEA	<b>AR</b> (9999 =[	DK/RF/N	O RESP	PONSE)			

	Since birth w3_Q1_SB (1=Yes)											
	2	Singapore Permanent R	esident <b>(please sta</b>	ate nationalit	y:w3_	Q10)						
	3	Other [please terminate	e questionnaire]									
The nex	xt que	estions concern your (sub	ject's) family.									
Q2	[SHC	OWCARD] First, what is yo	our (subject's) cur	rent marital s	tatus? w3	3_Q2						
	1	Married (includes being	separated from th	ne spouse due	to one's	spouse b	eing					
		hospitalized, living in an	institution, or livi	ng in another	area for b	ousiness r	easons or					
		to take care of others)										
	2	Widowed										
	3	Separated from spouse										
	4	Divorced										
	5	5 Never married										
Q3	How	many persons are there	living in your (sub	oject's) house	hold? <mark>w3</mark>	_Q3						
	(Including yourself (subject), maid and those who are temporarily hospitalized, children											
	who	o are living in a hostel within Singapore and household members who are currently in										
	Nati	tional Service/Reservist training)										
	[Inte	Interviewer: This includes all who are living in the household presently, as well as those										
	who	ho have this address recorded in the NRIC, <u>excluding tenants.]</u>										
		persons										
Q4		Please give the relationship to you (subject) and the age and gender of the other										
		mbers of the household.										
	[Inte	terviewer: Please ensure the number of members corresponds with the answer in Q3]										
05		o is the head of the house				/_h h						
Q5	-	[Interviewer: Let this be based on the perception of the subject. If he/she asks for a										
	-	efinition: the head of the household is normally the oldest member, the main income arner, the owner-occupier of the house or the person who manages the affairs of the										
			f the nouse or the	person wno r	nanages	tne affair	s of the					
	(1=Se	sehold.]	6=Subject 6		11-Subjor	+ 11						
	-	bject 2	<b>7</b> =Subject 7		•	11=Subject 11 12=Subject 12						
		bject 3	8=Subject 8		13=Subjec							
		bject 4	9=Subject 9		14=Subjec							
	<mark>5</mark> =Su	bject 5	10=Subject 10		15=Subjec							
	ID	Relationship to Subject	Age		<mark>99</mark> =DK/Nc	t sure	Head of					
		Relationship to Subject	(999 DK/RF/NO				Household					
			RESPONSE)	ļ	1	Female						
				Gender	Male							
	01	Subject: SELF	-	-	-	-	1					
	02	Subject's: w3_Q4A_2	w3_Q4B_2	w3_Q4C_2	1	2	1					
	03	Subject's: w3_Q4A_3	w3_Q4B_3	w3_Q4C_3	1	2	1					
	04 05	Subject's: w3_Q4A_4 Subject's: w3_Q4A_5	w3_Q4B_4 w3_Q4B_5	w3_Q4C_4 w3_Q4C_5	1	2	1					
	05	Subject's: w3_Q4A_6	w3_Q4B_6	w3_Q4C_6	1	2	1					

 07	Subject's: w3_Q4A_7	w3_Q4B_7	w3_Q4C_7	1	2	1
08	Subject's: w3_Q4A_8	w3_Q4B_8	w3_Q4C_8	1	2	1
09	Subject's: w3_Q4A_9	w3_Q4B_9	w3_Q4C_9	1	2	1
10	Subject's: w3_Q4A_10	w3_Q4B_10	w3_Q4C_10	1	2	1
(For li	nternal Coding Only)					
1	. Spouse					
2	. Child					
3	<ul> <li>Spouse of Child</li> </ul>					
4	Grandchild					
5	<ul> <li>Spouse of Grandchild</li> </ul>					
6	. Parent					
7	<ul> <li>Parent of spouse</li> </ul>					
8	. Sibling					
9	. Maid					
1	0. Others (specify:	) {correspondingly w3_	Q4A_20 to w3	_Q4A_10	<b>O</b> }	
9	9. DK/Not sure					

#### w3\_age

(Created variable: Age of subject at the time of Wave 3, created by calculating the time elapsed [in years] between the Wave 1 date of interview and Wave 3 date of interview, and subsequently adding it to the age at Wave 1)

#### w3\_agegroup5yr

(Created variable: Age of subject in 5 year age bands at the time of Wave 2, based on w2\_age) 1: 66-69

- **1**: 00-09 **2**: 70-74
- **3**: 75-79
- 4: 80-84
- **5**: 85+

## w3\_agegroup10yr

(Created variable: Age of subject in 10 year age bands at the time of Wave 2, based on w2\_age) 1: 66-69

- **1**: 00-09 **2**: 70-79
- **3**: 80-89
- 3: 80-8
- **4**: 90+

## w3\_livingarr1

(Created variable: Living arrangements summary variable. Note: Alone includes living with maid)

- 1: Living alone (with maid)
- 2: With spouse, no child (with/without maid)
- 3: With child, no spouse (with/without maid)
- 4: With child and spouse (with/without maid)
- 5: With others only (with/without maid)

## w3\_livingarr2

(Created variable: Living arrangements summary variable. *Note:* Alone <u>does not include</u> living with maid)

	ng alone (wi									
	•	child (with/without maid)								
3: Wit	th child, no s	ouse (with/without maid)								
4: Wit	th child and s	pouse (with/without maid)								
5: Wit	th others onl	(with/without maid)								
w3 liv	vingalone1									
_	-	living alone. <i>Note:</i> Alone <u>includes</u> living with maid)								
	t living alone	in the area of the second s								
1: Living alone (with maid)										
1. 2101	ing alone (Wi									
	vingalone2									
-		iving alone. Note: Alone <u>does not include</u> living with maid)								
	t living alone									
1: Livi	ng alone (wi	hout maid)								
The n	ext question	s pertain to your (subject's) children.								
Q6		y surviving children do you (subject) have, including those not staying with you								
		n the household? w3_Q6								
		number of surviving children:w3_Q6_1								
		rviving children <b>[Go to Q8]</b>								
Q7		Are <u>all</u> of your surviving children living with you? w3_Q7								
	1 Yes [	io to Q8]								
	2 No [									
Q7a	Please pr	wide the age and gender of your (subject's) children who are <u>not living with</u>								
		er of oldest to the youngest								
	w3_Q7A Number of children who are not living with you									
SN	(i) Age	(ii) Gender								
	Years old	1 Male 2 Female								
	999 DK/RF/N	RESPONSE 9 Don't know								
1	w3_Q7AI_1	w3_Q7AII_1								
2	w3_Q7AI_2	w3_Q7AII_2								
3	w3_Q7AI_3	w3_Q7AII_3								
4	w3_Q7AI_4	w3_Q7AII_4								
5	w3_Q7AI_5	w3_Q7AII_5								
6	w3_Q7AI_6	w3_Q7AII_6								
7	w3_Q7AI_7 w3_Q7AI_8	w3_Q7AII_7 w3_Q7AII_8								
8 9	w3_Q7AI_0 w3_Q7AI_9	w3_Q7AII_6 w3_Q7AII_9								
10	w3_Q7AI_1	w3_Q7AII_3								
11	w3_Q7AI_1	w3_Q7AII_11								
12	w3_Q7AI_1	w3_Q7AII_12								
Q8	[SHOWCA	RD] Are you (subject) currently working? w3_Q8								
	<b>1</b> Wo	rking full-time <b>[Go to Q9a]</b>								
	<b>2</b> Wo	rking part time <b>[Go to Q9a]</b>								
	3 Ret	red and not working <b>[Go to Q9d]</b>								
		ne-maker <b>[Go to Q9h]</b>								
Q9a		RD] Which occupation are you (subject) currently engaged in? w3_Q9A								
	-									

	<b>1</b> F	Professionals	5	Sales & services								
		Administrative & managerial	6	Production & related								
		Associate professionals & technicians	7	Cleaners & laborers								
	4 (	Clerical workers	8	Others (please specify w3_Q9AO)								
Q9b	[SHOWCARD] What are your main reasons to be working? [MA]											
	For t	he following variables: <b>0</b> =Not selecte	d, <mark>1</mark> =	selected								
	1	Income w3_Q9BC1										
	2	Social contact w3_Q9BC2										
	3	Maintain good health w3_Q9BC3										
	4	Enjoy working w3_Q9BC4										
	5	5 Contribute to society w3_Q9BC5										
	6 Others w3_Q9BC6											
		(please specify: w3_Q9BC6O)										
[Interv	iewer:			/								
-		Q8=1 (i.e. Working full-time), then Go	to to	010								
-		Q8=2 (i.e. Working part-time), then G										
Q9c												
0.50	[SHOWCARD] What are your main reasons to be working part-time and not full-time? [MA]											
	For the following variables: <b>0</b> =Not selected; <b>1</b> = selected											
	1 Own ill health w3_Q9CC1											
	2		ot fi	nd a full-time job or work more hours in this								
	2	job w3_Q9CC2	lot II									
	3	Do not want to work more hours wa	2 09	003								
	4	Housework w3_Q9CC4										
	5	To take care of a family member / re	elativ	ve / friend w3_09CC5								
	6	Undergoing education or training w3_Q9CC6										
	7	I am financially secure w3_Q9CC7										
	8											
	9											
	10	Early retirement w3_Q9CC10										
	11	Others w3 Q9CC11										
		(please specify: w3_Q9CC110)										
[Interv	iewer:	If answer to Q8=2 (i.e. Working part	_tim	, e) then Go to 010]								
-												
Q9d	in wr	nat year did you (subject) retire? <mark>w3_</mark>	Gan									
	1	YEAR		w3_Q9D_1								
				= =								
	2	Don't know										
	3	Refused										
Q9e	Have	you (subject) been doing anything to	o fin	d work during the last <u>four</u> weeks? w3_Q9E								
	1	Yes <b>[Go to Q9f]</b>										
	2	No <b>[Go to Q9g]</b>										
Q9f	[SHO	WCARD] If Yes, what are your main	rease	ons? [MA]								
	-	he following variables: <b>0</b> =Not selecte										
	1	Income w3_Q9FC1										
	2	Social contact w3_Q9FC2										

	3	Maintain good health w3_Q9FC3							
	4	Enjoy working w3_Q9FC4							
	5	Contribute to society w3_Q9FC5							
	6	Others w3_Q9FC6							
		(please specify: w3_Q9FC6O)							
Q9g	[SHO	WCARD] If No, what are your main reasons? [MA]							
	For t	he following variables: <b>0</b> =Not selected; <b>1</b> = selected							
	1	I am already retired w3_Q9GC1							
	2	Employers will not hire me due to my age w3_Q9GC2							
	3	I do not have the needed skills or experience w3_Q9GC3							
	4	Own ill health w3_Q9GC4							
	5	Taking care of a family member / relative / friend w3_Q9GC5							
	6	I am financially secure w3_Q9GC6							
	7	To spend more time with spouse / family w3_Q9GC7							
	8	To enjoy life w3_Q9GC8							
	9	My spouse / family will not allow me to work w3_Q9GC9							
	10	Others							
		w3_Q9GC10							
		(please specify: w3_Q9GC10O)							
	11	Don't know w3_Q9GC11							
	12	Refused w3_Q9GC12							
-		If answer to Q8=3 (i.e. Retired and not working), then Go to Q10]							
Q9h		you (subject) ever done any paid work? w3_Q9H							
	1	Yes [Go to Q9i]							
	2	No [Go to Q9j]							
	3	Don't know <b>[Go to Q9j]</b>							
	4	Refused <b>[Go to Q9j]</b>							
Q9i	If Yes, in what year did you (subject) become a homemaker? w3_Q9I								
	1	YEAR w3_Q9I_I							
	2	Don't know							
	3	Refused							
Q9j	Have you (subject) been doing anything to find work during the last <u>four</u> weeks? w3_Q9J								
	1	Yes <b>[Go to Q9k]</b>							
	2	No <b>[Go to Q9I]</b>							
Q9k	[SHO	WCARD] If Yes, what are your main reasons? [MA]							
	For t	he following variables: <b>0</b> =Not selected; <b>1</b> = selected							
	1	Income w3_Q9KC1							
	2	Social contact w3_Q9KC2							
	3	Maintain good health w3_Q9KC3							
	4	Enjoy working w3_Q9KC4							
	5	Contribute to society w3_Q9KC5							
	6	Others w3_Q9KC6							
		(please specify:w3_Q9KC6O)							
Q9I	[SHO	WCARD] If No, what are your main reasons? [MA]							
	For t	he following variables: <b>0</b> =Not selected; <b>1</b> = selected							

	-							
	1	I am financially secure w3_Q9LC1						
	2	Employers will not hire me due to my age w3_Q9LC2						
	3	I do not have the needed skills or experience w3_Q9LC3						
	4	Own ill health w3_Q9LC4						
	5	Taking care of a family member / relative / friend w3_Q9LC5						
	6	To spend more time with spouse / family w3_Q9LC6						
	7	To enjoy life w3_Q9LC7						
	8	My spouse / family will not allow me to work w3_Q9LC8						
	9	Others w3_Q9LC9						
		(please specify: w3_Q9LC9O)						
	10	Don't know w3_Q9LC10						
	11	Refused w3_Q9LC11						
Q10	[SHC	OWCARD] What type of housing are you (subject) living in? w3_Q10						
	1	HDB/JTC flat (1-2 room)						
	2	HDB/JTC flat (3 room)						
	3	HDB/JTC flat (4 room)						
	4	HDB/JTC flat (5 room & above/HUDC/Executive)						
	5	Condominium/Private flat						
	6	Bungalow/semi-detached/terrace house						
	7	Shophouse						
	8	Others (specify: w3_Q100)						
Q11	[SHC	WCARD] Who owns this current property that you (subject) live in? w3_Q11						
	1	Subject						
	2	Child in the household						
l	3	Joint ownership with spouse						
	4	Joint ownership with other household member						
	5	Other household member(s)						
	6	Child outside household						
	7	Others outside household						
	8	Rental						
	9	Don't know						
w3_ho	ousing1							
(Creat	ed varia	able: Summary variable for subject's housing.)						
<b>1</b> : 1-2	room H	IDB						
2: 3 ro	om HD	В						
<b>3</b> : 4-5	room H	IDB and Private Housing (Condominium/Private flat/Bungalow/semi-detached/terrace						
house	) and Sl	nophouse and Others						
w3_ho	ousing2							
(Creat	ed varia	able: Summary variable for subject's housing.)						
<b>1</b> : 1-2	room H	IDB						
<b>2</b> : 3 ro	om HD	В						
<b>3</b> : 4-5	room H	IDB						
4: Priv	ate Ho	using (Condominium/Private flat/Bungalow/semi-detached/terrace house)						
		and Others						

5: Shophouse and Others

[SHOWCARD] The next questions are about how you feel about different aspects of you life. For each one, tell me how often you feel that way										
		Always	Fairly Often	Occasionally	Rarely	Never				
a.	How often do you feel that you lack companionship? w3_Q12A	4	3	2	1	0				
b.	How often do you feel left out? w3_Q12B	4	3	2	1	0				
c.	How often do you feel isolated from others? w3 Q12C	4	3	2	1	0				

#### w3\_loneliness

(Created variable: UCLA 3-item loneliness score (range 0-12). *Note:* The response categories in the original paper above were different from what was asked in PHASE Wave 1. Therefore, the scoring is also different.

Reference: Hughes, M. E., Waite, L. J., Hawkley, L. C., & Cacioppo, J. T. (2004). A Short Scale for Measuring Loneliness in Large Surveys: Results From Two Population-Based Studies. *Research on Aging*, *26*(6), 655–672. http://doi.org/10.1177/0164027504268574

#### w3\_loneliness\_yesno

(Created variable: UCLA 3-item loneliness score, dichotomized. *Note:* This is based on the 0-12 scoring range (see above)).

**0**: Not lonely (score of 0)

1: Some measure of loneliness (score of >=1)

-	OWCARD] Among all your relatives not living with you (including children, ndchildren, in-laws, siblings, nieces, nephews, cousins, aunties, etc)										
		0	1	2	3-4	5-8	>=9				
a.	How many relatives do you see or hear from at least once a month? w3_Q13A	0	1	2	3	4	5				
b.	How many relatives do you feel at ease with that you can talk about private matters? w3_Q13B	0	1	2	3	4	5				
C.	How many relatives do you feel close to such that you could call on them for help? w3_Q13C	0	1	2	3	4	5				
[SHOWCARD]		Never	Seldom	Sometimes	Often	Very Often	Alwa				
d.	How often do you see or hear from relatives with whom you have the most contact? w3_Q13D	0	1	2	3	4	5				
e.	When one of your relatives has an important decision to make, how often do they talk to you about it? w3_Q13E	0	1	2	3	4	5				

	f.	How often is one of your relatives available for you to talk to when you have an important decision to make? w3_Q13F	0	1	2	3	4	5
Q14	[SHC	OWCARD] Among all of your f	riends i	ncluding	those who liv	<u>ve in you</u>	ır neigh	borhood
			0	1	2	3-4	5-8	>=9
	a.	How many friends do you see or hear from at least once a month? w3_Q14A	0	1	2	3	4	5
	b.	How many friends do you feel at ease with that you can talk about private matters? w3_Q14B	0	1	2	3	4	5
	с.	How many friends do you feel close to such that you could call on them for help? w3_Q14C	0	1	2	3	4	5
	[SH	IOWCARD]	Never	Seldom	Sometimes	Often	Very Often	Always
	d.	How often do you see or hear from friends with whom you have the most contact? w3_Q14D	0	1	2	3	4	5
	e.	When one of your friends has an important decision to make, how often do they talk to you about it? <b>w3_Q14E</b>	0	1	2	3	4	5
	f.	How often is one of your friends available for you to talk to when you have an important decision to make? w3_Q14F	0	1	2	3	4	5

#### w3\_lsnsr

(Created variable: Lubben Social Network Scale Revised (LSNS-R) Score (range 0-60)). It is based summing up on w3\_Q13A to w3\_Q13F and w3\_Q14A to w3\_Q14F. *Note:* This has been modified to assess social networks <u>outside the household</u>.

Reference: Lubben, J., Gironda, M. (2004). Measuring social networks and assessing their benefits. In Social Networks and Social Exclusion: Sociological and Policy Perspectives. Eds. Phillipson, C., Allan, G., Morgan, D. Ashgate

#### w3\_lsns6

Q15

(Created variable: Lubben Social Network Scale Revised (LSNS6) Score (range 0-30). It is based summing up on w3\_Q13A to w3\_Q13C and w3\_Q14A to w3\_Q14C. *Note:* This has been modified to assess social networks <u>outside the household</u>.

Reference: Lubben, J., Blozik, E., Gillmann, G., Iliffe, S., von Rentein Kruse, W., Beck, J.C., & Stuck, A.E. (2006). Performance of an abbreviated version of the Lubben Social Network Scale among three European community-dwelling older adult populations. The Gerontologist, 46(4), 503–513.

[SHOWCARD] When you need help, can you count on someone who is willing and able to meet your needs? w3\_Q15

	1	Always									
	2	Sometimes									
	3	Never									
SECT	ION 3: I	HEALTH STATUS & PHYSICAL DISABILITIES/LIMITATIONS									
		stions will be regarding health.									
Q16	-	WCARD] In general, how would you describe your (subject's) state of health?									
	1	Very healthy									
	2	2 Healthier than average									
	3	3 Of average health									
	4	4 Somewhat unhealthy									
	5 Very unhealthy										
	6	Not sure									
Q17	[SHOWCARD] The next question is related to vision. With your (subject's) glasses or										
	contact lenses if you (subject) wear them, is your (subject's) eyesight excellent, very										
	good, good, fair, poor or loss of vision in both eyes? w3_Q17										
	1	Excellent									
	2 Very good										
	3	Good									
	4	4 Fair									
	5	Poor									
	6	Loss of vision (no vision) in both eyes									
Q18	[SHOWCARD] The following question is related to hearing ability. If you (subject) use hearing aids, please respond to this question based on your (subject's) hearing ability when you (subject) wear them. Is your (subject's) hearing excellent, very good, good, fair, poor or not able to hear in both ears? w3_Q18										
	1411, 1	poor or not able to hear in both ears? w3_Q18									
	1	boor or not able to hear in both ears? w3_Q18 Excellent									
		—									
	1	Excellent									
	1 2	Excellent Very good									
	1 2 3	Excellent Very good Good									
	1 2 3 4	Excellent Very good Good Fair									
Q19	1 2 3 4 5 6	Excellent Very good Good Fair Poor									
Q19	1 2 3 4 5 6 In the	Excellent         Very good         Good         Fair         Poor         Not able to hear in both ears									
Q19	1 2 3 4 5 6 In the	Excellent Very good Good Fair Poor Not able to hear in both ears e last year, have you (subject) lost more than 5 kilograms of body weight									
Q19	1 2 3 4 5 6 In the unint	Excellent         Very good         Good         Fair         Poor         Not able to hear in both ears         e last year, have you (subject) lost more than 5 kilograms of body weight         rentionally (i.e., not due to dieting or exercise)? w3_Q19									

Q20 The next questions will be about experience with physical ailments that you (subject) have had. [Interviewer: Ask a-t, repeating (i), (ii), (iii) and (iv) for each as appropriate.]

[SHOWCARD]	(i) Have you been diag medical prof	gnosed	by a	been treated	(ii) Have you (subject) <u>ever</u> been treated with medicine or surgery for this condition?				ct) been condition nths?	(iv) Please state the number times you (subject) have bee hospitalized for this condition
Ailment	Yes	No	Not Sure	Yes	No	Not Sure	Yes	No	Not Sure	in the past <u>six</u> months? (999 DK/Not sure)
Heart attack, angina, myocardial infarction	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
	w3_Q20AI			w3_Q20AII			w3_Q20AIII			w3_Q20AIV
Heart failure	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
	w3_Q20BI		w3_	Q20BII		w3_0	20BII		w3_Q20BIV	
Other forms of heart diseases	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
other forms of heart diseases	w3_Q20CI			w3_Q20CII			w3_Q20CIII			w3_Q20CIV
Cancer (excluding skin cancer)	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
cancer (excluding skin cancer)	w3_Q20DI			w3_Q20DII			w3_Q20DIII			w3_Q20DIV
Cerebrovascular disease ( such as stroke)	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
Cerebrovascular disease ( such as scioke)	w3_Q20EI			w3_	Q20EII		w3_0	220EI		w3_Q20EIV
High blood pressure	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
	w3_	Q20FI	•	w3_	Q20FII		w3_0	20FII		w3_Q20FIV
Diabetes	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
Diabetes	w3_Q20GI			w3_Q20GII			w3_Q20GIII			w3_Q20GIV
Dementia <b>[ask only from proxy]</b>	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
Dementia [usk only from proxy]	w3_	Q20HI	•	w3_Q20HII			w3_0	20HII		w3_Q20HIV
Chronic respiratory illness (e.g. asthma)	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
Chronic respiratory niness (e.g. astinna)	w3_	Q2011		w3_	Q20III		w3_0	<b>Q20</b>		w3_Q20IIV
Digestive illness (stomach or intestinal)	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
Digestive inness (stornach of intestinal)	w3_	Q20JI		w3_	Q20JII		w3_0	220JII		w3_Q20JIV
Renal/kidney or urinary tract ailments	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
Renark Runey of armary fract annents	w3 (	Q20KI		w3 (	Q20KII		w3 0	20KII		w3_Q20KIV

Q20 The next questions will be about experience with physical ailments that you (subject) have had. [Interviewer: Ask a-t, repeating (i), (ii), (iii) and (iv) for each as appropriate.]

		(i) Have you been diag medical prof	nosed	by a	(ii) Have you been treated or surgery for	with n	nedicine	(iii) Have you hospitalized fo in the past	or this	condition	(iv) Please state the number of times you (subject) have bee hospitalized for this condition
[SHOWCARD] Ailment		Yes	No	Not Sure	Yes	No	Not Sure	Yes	No	Not Sure	in the past <u>six</u> months? (999 DK/Not sure)
	Ailments of the liver or gallbladder	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
		w3_	Q20LI		w3_	Q20LII		w3_0	Q20LII		w3_Q20LIV
ı.	Joint pain, arthritis, rheumatism or nerve	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
	pain	w3_	Q20MI		w3_Q20MII		w3_0	220MI		w3_Q20MIV	
	Chronic back pain	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
•		w3_	Q20NI		w3_Q20NII		w3_Q20NIII			w3_Q20NIV	
	Osteoporosis	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
•	031200010313	w3_Q20OI			w3_Q20OII		w3_Q20OIII			w3_Q20OIV	
	Fractures of the hip, thigh and pelvis	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
•	Tractures of the hip, thigh and peivis	w3_Q20PI			w3_Q20PII		w3_Q20PII			w3_Q20PIV	
	Other fractures	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
•	other fractures	w3_	Q20QI		w3_	Q20QI		w3_0	220QII		w3_Q20QIV
	Cataract	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
		w3_0	Q20RI		w3_	Q20RI		w3_0	220RII	I	w3_Q20RIV
	Glaucoma	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
		w3_	Q20SI		w3_	Q20SII		w3_0	<b>220SII</b>		w3_Q20SIV
	Others (Specify:	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
		w3_Q20TI			w3_	Q20TII		w3_Q20TIII			w3_Q20TIV
	Others (Specify:	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
•		w3_	Q20UI	•	w3_	Q20UI		w3_Q20UIII			w3_Q20UIV
	Others (Specify:	1 [Go to (ii)]	2	3	1 [Go to (iii)]	2	3	1 [Go to (iv)]	2	3	times
		w3 (	Q20VI	•	w3	Q20VII		w3 (	220VII		w3_Q20VIV

luure		If response to Q20f(i) = 1								
Q21	-	) <i>WCARD]</i> Are you (subject d pressure? <mark>w3_Q21</mark>	t) taking prescribed medication for ye	our (subject's) high						
	1	1 Yes								
	2	2 No								
	3	Not taking regularly								
	4									
[Inte	erviewer	If response to Q20g(i) = 1	(Yes), go to Q22, else go to Q23]							
Q22	[Inte	erviewer: Read instruction	above]							
	[SHC	WCARD] Are you (subject)	t) taking prescribed medication for ye	our (subject's)						
	diab	etes? w3_Q22								
	1	Yes								
	2	No								
	3	Not taking regularly								
	4	Not prescribed medication								
Q23			n in the last one year? w3_Q23							
	1	Yes								
	2	No <b>[Go to Q26]</b>								
	3	Don't know <b>[Go to Q26]</b>								
Q24		How many times have you (subject) fallen in the last one year? w3_Q24								
		1 w3_Q24_1 2=Don't know								
		• • • • • • • • • • • • • • • • • • • •								
025		an't Remember								
Q25		•	s, did you (subject) injure yourself (h	imself/ nerself)						
	1	ously enough to need med Yes	lical treatment? w3_Q25							
	2	No								
Tho	-	3 Don't know xt questions will be on your (subject's) physical ability and agility.								
	-	• •	(ii) for each as appropriate.]							
Q26			te which of the following actions you	(subject) find difficult						
QZU	-	• • •	assistance of a person or physical pro							
	-	<i>icult," (i)=1]</i> To what extended								
			ts include actions that the subject ca							
	l Inte	i viewer. nuve respondent		n periorm, even						
	-	•	-	n perjorm, even						
	-	igh he or she may not have	-	(ii) To what extent?						
a.	Walk 200	to 300 meters	e done them recently.] (i) Do you (subject) find this difficult? 1. Yes	<ul><li>(ii) To what extent?</li><li>1. Somewhat difficult</li></ul>						
а.	Walk 200	gh he or she may not have	e done them recently.] (i) Do you (subject) find this difficult? 1. Yes 2. No [Go to b]	<ul><li>(ii) To what extent?</li><li>1. Somewhat difficult</li><li>2. Very difficult</li></ul>						
a.	Walk 200	to 300 meters	e done them recently.] (i) Do you (subject) find this difficult? 1. Yes 2. No [Go to b] 3. Not sure [Go to b]	<ul> <li>(ii) To what extent?</li> <li>1. Somewhat difficult</li> <li>2. Very difficult</li> <li>3. Unable to perform</li> </ul>						
a.	Walk 200	to 300 meters	e done them recently.] (i) Do you (subject) find this difficult? 1. Yes 2. No [Go to b]	<ul> <li>(ii) To what extent?</li> <li>1. Somewhat difficult</li> <li>2. Very difficult</li> <li>3. Unable to perform</li> </ul>						
	Walk 200 (1 bus sto	to 300 meters op to another)	e done them recently.] (i) Do you (subject) find this difficult? 1. Yes 2. No [Go to b] 3. Not sure [Go to b] w3_Q26AI	<ul> <li>(ii) To what extent?</li> <li>1. Somewhat difficult</li> <li>2. Very difficult</li> <li>3. Unable to perform</li> <li>4. Not sure w3_Q26AII</li> </ul>						
a. b.	Walk 200 (1 bus sto	to 300 meters	e done them recently.] (i) Do you (subject) find this difficult? 1. Yes 2. No [Go to b] 3. Not sure [Go to b] w3_Q26AI 1. Yes	<ul> <li>(ii) To what extent?</li> <li>1. Somewhat difficult</li> <li>2. Very difficult</li> <li>3. Unable to perform</li> <li>4. Not sure w3_Q26AII</li> <li>1. Somewhat difficult</li> </ul>						
	Walk 200 (1 bus sto	to 300 meters op to another)	e done them recently.] (i) Do you (subject) find this difficult? 1. Yes 2. No [Go to b] 3. Not sure [Go to b] w3_Q26AI 1. Yes 2. No [Go to c]	<ul> <li>(ii) To what extent?</li> <li>1. Somewhat difficult</li> <li>2. Very difficult</li> <li>3. Unable to perform</li> <li>4. Not sure w3_Q26All</li> <li>1. Somewhat difficult</li> <li>2. Very difficult</li> </ul>						
	Walk 200 (1 bus sto	to 300 meters op to another)	e done them recently.] (i) Do you (subject) find this difficult? 1. Yes 2. No [Go to b] 3. Not sure [Go to b] w3_Q26Al 1. Yes 2. No [Go to c]	<ul> <li>(ii) To what extent?</li> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure w3_Q26AII</li> <li>Somewhat difficult</li> <li>Very difficult</li> </ul>						

	Chand (an anith and sint a) ( a) a	1 Vee			Company has different
C.	Stand (go without sitting) for 2 hours	w3_Q2	e [Go to d]	1. 2. 3. 4.	Somewhat difficult Very difficult Unable to perform Not sure w3_Q26CII
d.	Continue to sit for 2 hours	<ol> <li>Yes</li> <li>No [Go</li> <li>Not sure</li> <li>w3_Q2</li> </ol>	e <b>[Go to e]</b>	1. 2. 3. 4.	Somewhat difficult Very difficult Unable to perform Not sure w3_Q26DII
e.	Stoop or bend your knees	<ol> <li>Yes</li> <li>No [Go</li> <li>Not sure w3_Q2</li> </ol>	e [Go to f]	1. 2. 3. 4.	Somewhat difficult Very difficult Unable to perform Not sure w3_Q26EII
f.	Raise your hands above your head	<ol> <li>Yes</li> <li>No [Go</li> <li>Not sure w3_Q2</li> </ol>	e [Go to g]	1. 2. 3. 4.	Somewhat difficult Very difficult Unable to perform Not sure w3_Q26FII
g.	Extend arms out in front of you as if to shake hands	<ol> <li>Yes</li> <li>No [Go</li> <li>Not sure</li> <li>w3_Q2</li> </ol>	e [Go to h]	1. 2. 3. 4.	Somewhat difficult Very difficult Unable to perform Not sure w3_Q26GII
h.	Grasp with your fingers or move your fingers easily	<ol> <li>Yes</li> <li>No [Go</li> <li>Not sure w3_Q2</li> </ol>	e <b>[Go to i]</b>	1. 2. 3. 4.	Somewhat difficult Very difficult Unable to perform Not sure w3_Q26HII
i.	Lift an object weighing approximately 10kg (a big size bag of rice)	<ol> <li>Yes</li> <li>No [Go</li> <li>Not sure w3_Q2</li> </ol>	e [Go to Q27]	1. 2. 3. 4.	Somewhat difficult Very difficult Unable to perform Not sure w3_Q26III
j.	Lift an object weighing approximately 5kg (a middle size bag of rice)	<ol> <li>Yes</li> <li>No [Go</li> <li>Not sure w3_Q2</li> </ol>	e [Go to Q27]	1. 2. 3. 4.	Somewhat difficult Very difficult Unable to perform Not sure w3_Q26JII

## w3\_mobilitydiff

(Created variable: Summary measure of mobility limitations (range 0-9). Higher score indicates higher number of mobility limitations *Note:* Item (i) "Lift an object weighting approximately 10 kg" not used.)

# w3\_mobilitydiff\_yesno

(Created variable: Summary measure of mobility limitations, dichotomized. *Note:* Item (i) "Lift an object weighting approximately 10 kg" not used.)

**0**: No mobility limitations

1: At least one mobility limitation

The next questions concern your (subject's) ability to perform daily activities. [Interviewer: Ask a-f, repeating (i) to (ii) for each appropriate.]

Qź	27	[SHOWCARD] (i) Do you (subject) find it difficult to alone without the assistance
		of a person or assistive device due to your (subject's) health or physical state?
		(ii) [ <i>If "difficult", (i)=1</i> ] How difficult do you (subject) find it toby yourself?

	Activities	(i) Difficult	(ii) How difficult?
a.	Take a bath/shower	<ol> <li>Difficult</li> <li>Not difficult [Go to b]</li> <li>Not sure [Go to b]</li> <li>w3_Q27AI</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w3_Q27AII</li> </ol>
b.	Dress Up	<ol> <li>Difficult</li> <li>Not difficult [Go to c]</li> <li>Not sure [Go to c]</li> <li>w3_Q27BI</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w3_Q27BII</li> </ol>
C.	Eat	<ol> <li>Difficult</li> <li>Not difficult [Go to d]</li> <li>Not sure [Go to d]</li> <li>w3_Q27CI</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w3_Q27CII</li> </ol>
d.	Stand up from a bed/chair; sitting down on a chair	<ol> <li>Difficult</li> <li>Not difficult [Go to e]</li> <li>Not sure [Go to e]</li> <li>w3_Q27DI</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w3_Q27DII</li> </ol>
e.	Walk (around the house)	<ol> <li>Difficult</li> <li>Not difficult [Go to f]</li> <li>Not sure [Go to f]</li> <li>w3_Q27EI</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w3_Q27EII</li> </ol>
f.	Use the sitting toilet	<ol> <li>Difficult</li> <li>Not difficult [Go to Q27g]</li> <li>Not sure [Go to Q27g]</li> <li>w3_Q27FI</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w3_Q27FII</li> </ol>

## w3\_adldiff

(Created variable: Summary measure of ADL limitations (range 0-6). Higher score indicates higher number of ADL limitations. Score is based on the number of "Difficult" responses from w3\_Q27AI-w3\_Q27FI).

# w3\_adldiff\_yesno

(Created variable: Summary measure of ADL limitations, dichotomized. This is based on the number of "Difficult" responses from w3\_Q27AI - w3\_Q27FI)

- 0: No ADL limitations
- 1: At least one ADL limitation

[Interviewer: Only ask those who report that they find it difficult for any one of the activities in
Q27a(i) to Q27f(i)]

Q27g	[Interviewer: Read instruction above] You reported that you (subject) find it difficult to						
	do one or more of the activities asked above. Do you (subject) need assistance of a person or of a device to do any of these activities? [MA]						
	<ul> <li>Yes, assistance from a person w3_Q27GC1</li> <li>Not selected, 1 = Yes, human assistance</li> </ul>						
	2 Yes, assistance from a device w3_Q27GC2 0 = Not selected, 1 = Yes, device assistance						
	(Please specify: w3_Q27GC2O (For 1 <sup>st</sup> device) w3_Q27GC2O_2 (For 2 <sup>nd</sup> device)						
	w3_Q27GC2O_3 (For 3 <sup>rd</sup> device)) [Go to Q29]						
	<ul> <li>3 No need for assistance from a person or device [Go to Q29] w3_Q27GC3</li> <li>0 = Not selected, 1 = No need for assistance from a person or device</li> </ul>						
	4 Not sure [Go to Q29] w3_Q27GC4 0 = Not selected, 1 = Not sure						
Q28	You reported that you (subject) need assistance of a person for one or more of the activities asked above. Who, including your (subject's) spouse, any of your (subject's) family members, or a foreign domestic worker helped you (subject) with these activities i.e. with bathing, dressing, eating, standing up or sitting down, walking around the house or using the toilet, in the past <u>12</u> months?						

	provided you with			Do you live together in	n the	Gender	Age (in years)
Vum	nber of person w	3_Q28		same household?			999. DK/Not
				<b>1.</b> Yes		1. Male	sure/Refused
				<b>2.</b> No		2. Female	
				3. Don't know		9. DK/RF	
	erson: w3_Q28AI er Relatives Specify: '	w3 028A		w3_Q28AII		w3_Q28AIII	w3_Q28AIV
	Person: w3_Q28BI			w3_Q28BII		w3_Q28BIII	w3_Q28BIV
	r Relatives Specify:	W3 028B		W0_Q20DII		WJ_QZOBIII	W0_Q20DIV
	Person: w3_Q28CI	WJ_Q20D		w3_Q28CII		w3 Q28CIII	w3_Q28CIV
	r Relatives Specify:	w2 0280		w5_Q20Cli		w5_Q200111	WJ_Q2001V
	erson: w3_Q28DI	w3_Q20C		w3_Q28DII		w3_Q28DIII	w3_Q28DIV
				W3_Q20DII		w3_Q20Dill	
	r Relatives Specify:	ws_Qzod					
	Person: w3_Q28EI			w3_Q28EII		w3_Q28EIII	w3_Q28EIV
	r Relatives Specify:	_					
(Fo	r Internal Code Onl	y – Use for		Q28AI to w3_Q28EI)		1	
1	Spouse		7	Siblings	13	Cousins	
2	Children (biologica		8	Brother/Sister-in-law	14	Foreign Domesti	c Worker/Maid
3	Children (adopted	/step)	9	Grandchild	15	Other Relatives	
						(Specify:	
							)
4	Sons/Daughters-ir	n-law	10	Grandparents			
5	Parents		11	Uncles/Aunts			
6	Fathers/Mothers-	in-law	12	Nephews/Nieces			
6 Fathers/Mothers-in-law 12 Ne				•			
<b>Րhe</b> ၃29	(i) Do you assistive d	(subject) evice due	finc e to	tly more complicated ta t it difficult to a your health or physica es" (i) = 1] How difficult	lone v state	?	-
	(i) Do you assistive d	(subject) evice due	finc e to	l it difficult to a your health or physica	lone v state	?	-
	(i) Do you assistive d [SHOWCA	(subject) evice due	finc e to	d it difficult to a your health or physica es" (i) = 1] How difficult (i)	lone v state	? ou (subject) find	l it to by (ii)
ຸ 229	(i) Do you assistive d <i>[SHOWCA]</i> yourself? Activities	(subject) evice duo RD] (ii) [I]	finc e to f "ye	it difficult to a your health or physica es" (i) = 1] How difficult	lone v state do yo	? ou (subject) find How	l it to by (ii) difficult?
	(i) Do you assistive d [SHOWCA yourself? Activities Prepare own	(subject) evice duo RD] (ii) [I] 1. Diffic	find e to f "ye	it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult	lone v state do yo	? ou (subject) find How 1. Somewhat diff	l it to by (ii) difficult?
ຸ 229	(i) Do you assistive d <i>[SHOWCA]</i> yourself? Activities	(subject) evice dua RD] (ii) [I] 1. Diffic 2. Not c	finc e to f "ye cult difficu	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b]	lone v state do yo	Pu (subject) find How 1. Somewhat diff 2. Very difficult	l it to by (ii) difficult?
ຸ 229	(i) Do you assistive d [SHOWCA yourself? Activities Prepare own	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n	cult difficu	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] rform activity due to a non-	lone v state do yo	<ul> <li>Pu (subject) find</li> <li>How</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Unable to perf</li> </ul>	l it to by (ii) difficult?
ຸ 229	(i) Do you assistive d [SHOWCA yourself? Activities Prepare own	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt	cult difficut difficut ch/ph	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] erform activity due to a non- ysical reason [Go to b]	lone v state do yo	<ul> <li>Pou (subject) find</li> <li>How</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Unable to perf</li> <li>Not sure</li> </ul>	l it to by (ii) difficult?
ຸ 229	(i) Do you assistive d [SHOWCA yourself? Activities Prepare own	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s	cult difficu ot pe sure <i>l</i>	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] rform activity due to a non-	lone v state do yo	<ul> <li>Pu (subject) find</li> <li>How</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Unable to perf</li> </ul>	l it to by (ii) difficult?
<b>д29</b> а.	(i) Do you assistive d <i>[SHOWCA]</i> yourself? Activities Prepare own meals	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29	cult difficu ot pe th/ph sure [	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] erform activity due to a non- ysical reason [Go to b]	lone v state do yo	Pu (subject) find How Somewhat diff Very difficult Unable to perf Unable to perf Q29All	l it to by (ii) difficult? icult
ຸ 229	(i) Do you assistive d [SHOWCA yourself? Activities Prepare own meals	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic	cult difficu ot pe th/ph sure [ Al cult	it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] rform activity due to a non- ysical reason [Go to b] [Go to b]	lone v state do yo	Pu (subject) find How L. Somewhat diff 2. Very difficult 3. Unable to perf 4. Not sure w3_Q29All L. Somewhat diff	l it to by (ii) difficult? icult
<b>д29</b> а.	(i) Do you assistive d [SHOWCA yourself? Activities Prepare own meals Leave the home to purchase	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c	cult difficu ot pe th/ph sure [ Al cult difficu	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] erform activity due to a non- ysical reason [Go to b] [Go to b]	lone v state do yo	Pu (subject) find How L. Somewhat diff 2. Very difficult 3. Unable to perf 4. Not sure w3_Q29AII 1. Somewhat diff 2. Very difficult	l it to by (ii) difficult? ficult
<b>д29</b> а.	(i) Do you assistive d [SHOWCA yourself? Activities Prepare own meals Leave the home to purchase necessary items	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n	finc e to f "ye cult difficu ot pe th/ph sure [ Al cult difficu ot pe	a it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] erform activity due to a non- ysical reason [Go to b] (Go to b] ult [Go to c] erform activity due to a non-	lone v state do yo	Pu (subject) find How I. Somewhat diff 2. Very difficult 3. Unable to perf 4. Not sure w3_Q29All 1. Somewhat diff 2. Very difficult 3. Unable to perf	l it to by (ii) difficult? ficult
<b>д29</b> а.	(i) Do you assistive d [SHOWCA yourself? Activities Prepare own meals Leave the home to purchase	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n healt	cult cult cult diffict ot pe th/ph sure [ Al cult diffict ot pe th/ph	a it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] erform activity due to a non- ysical reason [Go to b] [Go to b] ult [Go to c] erform activity due to a non- ysical reason [Go to c]	lone v state do yo	Pu (subject) find How I. Somewhat diff 2. Very difficult 3. Unable to perf 4. Not sure w3_Q29All 1. Somewhat diff 2. Very difficult 3. Unable to perf 4. Not sure	l it to by (ii) difficult? ficult
<b>д29</b> а.	(i) Do you assistive d [SHOWCA yourself? Activities Prepare own meals Leave the home to purchase necessary items	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n healt	finc e to f "ye cult diffict ot pe cult diffict ot pe th/ph sure [	a it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] erform activity due to a non- ysical reason [Go to b] (Go to b] ult [Go to c] erform activity due to a non-	lone v state do yo	Pu (subject) find How I. Somewhat diff 2. Very difficult 3. Unable to perf 4. Not sure w3_Q29All 1. Somewhat diff 2. Very difficult 3. Unable to perf	l it to by (ii) difficult? ficult
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<b>д29</b> а.	(i) Do you assistive d [SHOWCA yourself? Activities Prepare own meals Leave the home to purchase necessary items or medication	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 3. Do n healt 4. Not s	finc e to f "ye cult difficu ot pe th/ph sure [ Al cult difficu ot pe th/ph sure [ Bl	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] rform activity due to a non- ysical reason [Go to b] Go to b] ult [Go to c] rform activity due to a non- ysical reason [Go to c] Go to c]	lone v state do yo	Pu (subject) find How Somewhat diff Somewhat diff Very difficult Unable to perf Not sure W3_Q29AII Somewhat diff Unable to perf Not sure W3_Q29BII Somewhat diff	l it to by (ii) difficult? Form
229 a. b.	(i) Do you         assistive d         [SHOWCA]         yourself?         Activities         Prepare own         meals         Leave the home         to purchase         necessary items         or medication         Take care of         financial	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not of 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not of 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not of 3. Do n healt 4. Not s	finc e to f "ye cult difficu ot pe th/ph sure [ Al cult difficu ot pe th/ph sure [ Bl	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] rform activity due to a non- ysical reason [Go to b] Go to b] ult [Go to c] fGo to c] ult [Go to d]	lone v state do yo	<ul> <li>Pu (subject) find</li> <li>How</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Unable to perf</li> <li>Not sure</li> <li>W3_Q29AII</li> <li>Somewhat diff</li> <li>Unable to perf</li> <li>Not sure</li> <li>W3_Q29BII</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Somewhat diff</li> <li>Very difficult</li> </ul>	l it to by (ii) difficult? icult form icult form
229 a. b.	(i) Do you         assistive d         [SHOWCA]         yourself?         Activities         Prepare own         meals         Leave the home         to purchase         necessary items         or medication         Take care of         financial         matters such as	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n	finc e to f "ye cult difficu ot pe th/ph sure [ Al cult difficu ot pe th/ph sure [ Bl	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] ult [Go to c] ult [Go to c] ult [Go to c] ult [Go to d] ult [Go to d] ult [Go to d] ult [Go to d]	lone v state do yo	<ul> <li>Pu (subject) find</li> <li>How</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Unable to perf</li> <li>Not sure</li> <li>w3_Q29AII</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Unable to perf</li> <li>Not sure</li> <li>w3_Q29BII</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Unable to perf</li> <li>Not sure</li> <li>W3_Q29BII</li> </ul>	l it to by (ii) difficult? icult form icult form
229 a. b.	(i) Do you         assistive d         [SHOWCA]         yourself?         Activities         Prepare own         meals         Leave the home         to purchase         necessary items         or medication         Take care of         financial         matters such as         paying utilities	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n healt 4. Not s	finc e to f "ye cult difficu ot pe th/ph sure [ MI cult difficu ot pe th/ph sure [ BI	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] urform activity due to a non- ysical reason [Go to b] Go to b] ult [Go to c] Go to c] ult [Go to d] ult [Go to d] ult [Go to d] ult [Go to d]	lone v state do yo	Pu (subject) find How L. Somewhat diff 2. Very difficult 3. Unable to perf 4. Not sure w3_Q29AII 1. Somewhat diff 2. Very difficult 3. Unable to perf 4. Not sure w3_Q29BII 1. Somewhat diff 2. Very difficult 3. Unable to perf 4. Not sure	l it to by (ii) difficult? icult form icult form
229 a. b.	(i) Do you         assistive d         [SHOWCA]         yourself?         Activities         Prepare own         meals         Leave the home         to purchase         necessary items         or medication         Take care of         financial         matters such as	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not c 3. Do n healt 4. Not s	finc e to f "ye cult diffict ot pe th/ph sure [ Bl cult diffict ot pe th/ph sure [	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] ult [Go to c] ult [Go to c] ult [Go to c] ult [Go to d] ult [Go to d] ult [Go to d] ult [Go to d]	lone v state do yo	<ul> <li>Pu (subject) find</li> <li>How</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Unable to perf</li> <li>Not sure</li> <li>w3_Q29AII</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Unable to perf</li> <li>Not sure</li> <li>w3_Q29BII</li> <li>Somewhat diff</li> <li>Very difficult</li> <li>Unable to perf</li> <li>Not sure</li> <li>W3_Q29BII</li> </ul>	l it to by (ii) difficult? icult form icult form
229 a. b.	(i) Do you         assistive d         [SHOWCA]         yourself?         Activities         Prepare own         meals         Leave the home         to purchase         necessary items         or medication         Take care of         financial         matters such as         paying utilities         (electricity,         water)	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not of 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not of 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not of 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not of 3. Do n healt 4. Not s w3_Q29	finc e to f "ye cult difficu ot pe th/ph sure [ BI cult difficu ot pe th/ph sure [ Cl	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] urform activity due to a non- ysical reason [Go to b] Go to b] ult [Go to c] Go to c] ult [Go to d] ult [Go to d] ult [Go to d] ult [Go to d]	lone v state do yo	Pu (subject) find How Somewhat diff Very difficult Unable to perf Not sure W3_Q29AII Somewhat diff Very difficult Unable to perf Not sure W3_Q29BII Somewhat diff Very difficult Very difficult Not sure W3_Q29CII	l it to by (ii) difficult? Ficult form ficult form ficult form
229 a. b.	(i) Do you         assistive d         [SHOWCA]         yourself?         Activities         Prepare own         meals         Leave the home         to purchase         necessary items         or medication         Take care of         financial         matters such as         paying utilities         (electricity,	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not of 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not of 3. Do n healt 4. Not s	finc e to f "ye cult diffict ot pe th/ph sure [ BI cult diffict ot pe th/ph sure [ Cult cult cult cult cult cult cult	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] erform activity due to a non- sysical reason [Go to b] [Go to b] ult [Go to c] erform activity due to a non- sysical reason [Go to c] [Go to c] ult [Go to d] erform activity due to a non- sysical reason [Go to d] [Go to d]	llone v state do yo	Pu (subject) find How Somewhat diff Very difficult Unable to perf Not sure W3_Q29AII Somewhat diff Very difficult Unable to perf Not sure W3_Q29BII Somewhat diff Very difficult Unable to perf Not sure W3_Q29CII Somewhat diff	l it to by (ii) difficult? Ficult form ficult form ficult form
229 a. b.	(i) Do you         assistive d         [SHOWCA]         yourself?         Activities         Prepare own         meals         Leave the home         to purchase         necessary items         or medication         Take care of         financial         matters such as         paying utilities         (electricity,         water)	(subject) evice due RD] (ii) [I] 1. Diffic 2. Not of 3. Do n healt 4. Not s w3_Q29 1. Diffic 2. Not of 3. Do n healt 4. Not s	finc e to f "ye cult diffict ot pe th/ph sure [ BI cult diffict ot pe th/ph sure [ BI cult diffict ot pe th/ph sure [ CI cult	d it difficult to a your health or physical es" (i) = 1] How difficult (i) Difficult ult [Go to b] urform activity due to a non- ysical reason [Go to b] Go to b] ult [Go to c] Go to c] ult [Go to d] ult [Go to d] ult [Go to d] ult [Go to d]	lone v state do yo	Pu (subject) find How Somewhat diff Very difficult Unable to perf Not sure W3_Q29AII Somewhat diff Very difficult Unable to perf Not sure W3_Q29BII Somewhat diff Very difficult Very difficult Not sure W3_Q29CII	l it to by (ii) difficult? icult form icult form icult form icult

			health/physical reason <b>[Go to e]</b> 4. Not sure <b>[Go to e]</b>	4. Not sure w3_Q29DII			
e.		clean up :her light work	<ul> <li>w3_Q29DI</li> <li>1. Difficult</li> <li>2. Not difficult [Go to f]</li> <li>3. Do not perform activity due to a non-health/physical reason [Go to f]</li> <li>4. Not sure [Go to f]</li> <li>w3_Q29EI</li> </ul>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w3_Q29EII</li> </ol>			
f.	Take p transp leave	ort to	<ol> <li>Difficult</li> <li>Not difficult [Go to g]</li> <li>Do not perform activity due to a non- health/physical reason [Go to g]</li> <li>Not sure [Go to g]</li> <li>w3_Q29F1</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w3_Q29FII</li> </ol>			
g.	Take medic prescr	ation as ibed	<ol> <li>Difficult</li> <li>Not difficult [Go to Q29h]</li> <li>Do not perform activity due to a non- health/physical reason [Go to Q29h]</li> <li>Not sure [Go to Q29h]</li> <li>w3_Q29GI</li> </ol>	<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w3_Q29GII</li> </ol>			
<pre>w3_i (Creat of "E 0: No 1: At [Intel Q290</pre>	iadldiff ated va Difficult DIADL Least o Prviewe a(i) to	f_yesno ariable: Su t" respon limitatior one IADL er: Only a Q29g(i)]	ses.) Ins Iimitation Isk those who report that they find it d	ichotomized. This is based on the number			
Q291	d	lo one or	ver: Read instruction above] You repo more of the activities asked above. Do of a device to do any of these activitie				
	1       Yes, assistance from a person w3_Q29HC1         0 = Not selected, 1 = Yes, human assistance						
		0 = Not (Please w3_Q29	sistance from a device w3_Q29HC2 selected, 1 = Yes, device assistance specify: w3_Q29HC2O (For 1 <sup>st</sup> device) 9HC2O_2 (For 2 <sup>nd</sup> device) 9HC2O_3 (For 3 <sup>rd</sup> device)) Q311				
	3	No nee	d for assistance from a person or devic selected, 1 = No need for assistance from re <b>[Go to Q31]</b> w3_Q29HC4				
	4		selected, 1 = Not sure				

Q30 *[Interviewer: Read instruction above]* You reported that you (subject) need human assistance for one or more of the activities asked above. Who, including your (subject's) spouse, any of your (subject's) family members, or a foreign domestic worker helped you (subject) with these activities i.e. with preparing meals, going out for shopping, taking care of financial matters, using the phone, doing housework, taking public transportation or taking medications, in the past 12 months?

Who provided you with this help?	Do you live together in	Gender	Age (in years)
Number of person w3_Q30	the same household?	1. Male	999. DK/Not
	<b>1.</b> Yes	2. Female	sure/Refused
	2. No	9. DK/RF	
	3. Don't know		
1 <sup>st</sup> Person: w3_Q30AI	w3_Q30All	w3_Q30AIII	w3_Q30AIV
Other Relatives Specify: w3_Q30AIO			
2 <sup>nd</sup> Person: w3_Q30BI	w3_Q30BII	w3_Q30BIII	w3_Q30BIV
Other Relatives Specify: w3_Q30BIO			
3 <sup>rd</sup> Person: w3_Q30Cl	w3_Q30CII	w3_Q30CIII	w3_Q30CIV
Other Relatives Specify: w3_Q30CIO			
4 <sup>th</sup> Person: w3_Q30DI	w3_Q30DII	w3_Q30DIII	w3_Q30DIV
Other Relatives Specify: w3_Q30DIO			
5 <sup>th</sup> Person: w3_Q30El	w3_Q30EII	w3_Q30EIII	w3_Q30EIV
Other Relatives Specify: w3_Q30EIO			

(Fo	r Inte	rnal	Code Only – Use fo	w3_	Q30AI to w3_Q30EI))					
1		Spouse			Siblings	13	Cousins			
2	Children (biological)			8	Brother/Sister-in-law	14	Foreign Domestic Worker/Maid			
3	Child	drer	n (adopted/step)	9	Grandchild	15	Other Relatives (Specify: )			
4	Sons	s/Da	aughters-in-law	10	Grandparents					
5	Pare	ents		11	Uncles/Aunts					
6	Fath	ers,	/Mothers-in-law	12	Nephews/Nieces					
Q31		[S	HOWCARD] For a	at lea	ast the past <u>six</u> month	s, to wh	at extent have you (subject)	been		
		lir	nited because of	a he	alth problem in activi	ties peo	ople usually do? Would you s	ay that		
		yo	ou (subject) have	bee	een w3_Q31					
		1	Severely limited	verely limited						
		2	Limited but not	severely						
		3	Not limited at all							
Q32		Have you (subject) recently lost weight such that your (subject's) clothing has become								
		lo	oser? <mark>w3_Q32</mark>							
		1 Yes								
		2	No							
Q33		Do you (subject) have a problem with losing control of urine when you (he/she) don't								
		w	ant to? w3_Q33							
		1	Yes							
		2	No							
SEC	TIOI	۷4	: HEALTH BEH	AVIC	OURS					
The	next	fev	w questions pert	ain te	o personal habits.					
Q34		D	o you (subject) ci	urrer	ntly smoke? w3_Q34					

2 No	1 Yes
	2 No
3 Not sure	3 Not sure

#### w3\_smoker

(Created variable: Summary measure of smoking, categorical. *Note*: Current smoker defined as those currently smoking. Ex-smoker defined as those not currently smoking but smoked in the past. Non-smoker are those who are not currently smoking and have never smoked in the past.)

- 1: Current smoker
- 2: Ex-smoker/Non-smoker

235	[SHOWCARD] How often do you (sul	bject) do	the foll	owing acti	ivities?	
Soc	ial Activities	Every day	Every Week	Every month	Less than once a month	Not at all
a.	Attend RC/ CC/ CDC/ neighbourhood event w3_Q35A	1	2	3	4	5
b.	Attend Senior Activity Centres for exercise/ activities w3_Q35B	1	2	3	4	5
C.	Go out to eat with family members or friends w3_Q35C	1	2	3	4	5
d.	Attend church, mosque or other place of worship w3_Q35D	1	2	3	4	5
Fitn	ess Activities				•	
e.	Go for a walk (for exercise purposes) w3_Q35E	1	2	3	4	5
f.	Play a game of sport/exercise (e.g. Taiji, Qigong, swimming, keep fit or dancing class, etc) w3_Q35F	1	2	3	4	5

## SECTION 5: PHYSICAL ACTIVITY

Global Physical Activity Questionnaire (GPAQ) developed by WHO for physical activity surveillance. Available online: http://www.who.int/chp/steps/GPAQ/en/

Next I am going to ask you about the time you (subject) spend doing different types of physical activity in a typical week. Please answer these questions even if you do not consider yourself (subject) to be a physically active person.

Think first about the time you (subject) spend doing work. Think of <u>work</u> as physical activities that you (subject) have to do either at your job or at home, such as paid or unpaid work, study/ training, household chores, mopping floors, carrying light loads, heavy lifting, digging, construction work, and walking up and down the stairs.

In answering the following questions 'vigorous-intensity activities' are activities that require hard physical effort and cause large increases in breathing or heart rate, and 'moderate-intensity activities' are activities that require moderate physical effort and cause small increases in breathing or heart rate.

<u>Work</u>		
Q36	[SF	<i>IOWCARD</i> ] Does your (subject's) work involve <i>vigorous</i> -intensity activity that causes
	lar	ge increases in breathing or heart rate, like heavy lifting, digging or construction work
	for	at least 10 minutes continuously? w3_Q36
	1	Yes
	2	No <b>[Go to Q39]</b>

Q37	In a typical week, on how many days do you (subject) do <i>vigorous</i> -intensity activities as
	part of your (his/her) work? w3_Q37
	Days a week
Q38	On a typical day on which you (subject) do <i>vigorous</i> -intensity activities, how much time
400	(in total) do you (subject) spend doing such work?
	hours w3_Q38HR
	minutes w3_Q38MIN
Q39	[SHOWCARD] Does your (subject's) work involve <i>moderate</i> -intensity activity that causes
	small increases in breathing or heart rate like mopping the floor or carrying light loads or
	walking up and down the stairs for at least 10 minutes at a time? w3_Q39
	1 Yes
Q40	2       No [Go to Q42]         In a typical week, on how many days do you (subject) do moderate-intensity activities as
Q40	part of your (his/her) work? w3_Q40
	Days a week
Q41	On a typical day on which you (subject) do <i>moderate</i> -intensity activities, how much time
	(in total) do you (subject) spend doing such work?
	hours w3_Q41HR
	minutes w3_Q41MIN
	o and from places
	t questions exclude the physical activities at work that you have already mentioned. Now,
	like to ask you about the usual way you (subject) travel to and from places. For example,
Q42	work, shopping, market, or church, temple or mosque or going out for lunch. Do you (subject) walk or use a bicycle (pedal cycle) for at least 10 minutes continuously
Q42	to get to and from places? w3_Q42
	1 Yes
	2 No [Go to Q45]
Q43	In a usual week, on how many days do you (subject) walk or bicycle (pedal cycle) for at
	least 10 minutes continuously to get to and from places? w3_Q43
	Days a week
Q44	On a typical day when you (subject) walk or bicycle (pedal cycle) for at least 10 minutes
	continuously, how much time (in total) do you (subject) spend walking or bicycling?
	hours w3_Q44HR
Deereet	minutes w3_Q44MIN
-	ional activities t questions exclude the work or transport activities that you have already mentioned
	t questions exclude the work or transport activities that you have already mentioned. ould like to ask you about sports, fitness, and recreational activities (leisure) such as
	, football, bicycling, shopping, marketing, walking, brisk walking and swimming.
Q45	[SHOWCARD] Do you (subject) do any vigorous-intensity sports, fitness, recreational
4.5	

	estivities that source lower income to boosting on boost other Pharman for the P					
	activities that cause large increases in breathing or heart rate like running, football or kick-boxing for at least 10 minutes continuously? w3_Q45					
	1 Yes					
	2 No [Go to Q48]					
Q46	In a typical week, on how many days do you (subject) do <i>vigorous</i> -intensity sports,					
Q40	fitness or recreational activities? w3_Q46					
047	Days a week					
Q47	On a typical day that week, how much time on average do you (subject) spend doing <i>vigorous</i> -intensity sports, fitness or recreational activities?					
	hours w3_Q47HR					
	minutes w3_Q47MIN					
Q48	[SHOWCARD] Do you (subject) do any moderate-intensity sports, fitness, recreational activities that cause small increases in breathing or heart rate such as brisk walking or					
	bicycling for at least 10 minutes continuously? w3_Q48					
	1 Yes					
	2 No [Go to Q51]					
Q49	In a typical week, on how many days do you (subject) do <i>moderate</i> -intensity sports, fitness or recreational activities? w3_Q49 (99= DK / RF / NO RESPONSE)					
	Days a week					
Q50	On a typical day that week, how much time on average do you (subject) spend doing <i>moderate</i> -intensity sports, fitness or recreational activities?					
	hours w3_Q50HR					
	minutes w3_Q50MIN					
Sedenta	ry behavior					
with frie watchir	owing question is about sitting or reclining at work, at home, getting to and from places, o ends including time spent sitting with friends, traveling in car, bus, train, taxi, reading, or g television. Io not include time spent sleeping.					
Q51	On a typical day, how much time do you (subject) usually spend sitting or reclining? (99= DK / RF / NO RESPONSE)					
	hours w3_Q51HR					
	minutes w3_Q51MIN					
SECTIC	N 6: DENTAL HEALTH					
	t question pertains to your (subject's) ability to chew					
Q52	[SHOWCARD] The following foods are ordered from hardest to softest to chew. What is					
-	the HARDEST GROUP you (subject) are able to bite and chew? If you (subject) are using					
	dentures, please respond as if you (subject) were eating with your (subject's) dentures w3 Q52					
	1     Ikan bilis in nasi lemak or shredded dry squid					
	2 Mutton curry, dry mango, or fresh carrots					
	3 Bak-kwa, bread with crust not toasted or kang kong steam boiled, chicken satay, or					

		raw cucumber			
	4	Thai rice, fried fish ball or wonton	noodle		
	5	Bananas, ripe papaya, hard boiled	l egg		
	6	Unable to chew the foods listed in	n (5)		
	7	Not sure			
The ne	ext few	questions pertain to your (subject	ťs) teeth		
Q53	inc inc nat	w many original teeth do you (sub luding wisdom teeth) and 0 for ful luded in the number. For bridges, tural teeth acting as supports shou terviewer: Encourage the respondent of sure" as a response]	l dentures. Prostl the artificial toot ld be. w3_Q53	netic teeth with ro h should not be co	ots should be ounted; howev
	1	Natural teeth in total w3	Q53O X 2 N	ot sure	
Q54	Do	you (subject) have dentures? w3_			
	1	Yes			
	2	No			
сготи		Not sure DEPRESSIVE SYMPTOMS & PE			
	D The on we you	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y	commonly used i e questions for co our cooperation.	n surveys, and it is mparative purpose	s important that es. We ask that
	I The on we you [SF you [In soi que	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>IOWCARD]</i> During the past week, t	commonly used i e questions for co our cooperation. to what extent ha e any query, you i o answer or which	n surveys, and it is mparative purpose as the following (a may explain as suc h seem the same o	s important that es. We ask tha -k) been true f ch: There may f as another
Q55_1	I The on we you [SF you [In son que for	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>IOWCARD</i> ] During the past week, f <i>IOWCARD</i> ] During the past week week, f <i>IOWCARD</i> ] During the past week week week week week week week wee	commonly used i e questions for co our cooperation. to what extent ha e any query, you r o answer or which used internation None/Rarely	n surveys, and it is mparative purpose as the following (a may explain as suc h seem the same a ally in studies and Sometimes	s important tha es. We ask tha -k) been true f th: There may f the sanother tests. We ask Often
Q55_1 a.	I The on we you [SH you [In son que for many set of the	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>(OWCARD)</i> During the past week, f <i>(URCARD)</i> During the past week week week week week week week wee	commonly used i e questions for co our cooperation. to what extent ha e any query, you r o answer or which used internation None/Rarely 0	n surveys, and it is mparative purpose as the following (a- may explain as suc h seem the same a ally in studies and Sometimes 1	-k) been true f ch: There may f as another tests. We ask Often 2
Q55_1 a. b.	The on we you [ <i>SF</i> you [ <i>In</i> son que for	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>IOWCARD</i> During the past week, f u? <i>IERVIEWER: Should respondent have</i> <i>ne questions for which you have n</i> <i>estion, but the same questions are</i> <i>your full cooperation.</i> ] etite was poor w3_Q55_1A pressed w3_Q55_1B	commonly used i e questions for co our cooperation. to what extent ha e any query, you r o answer or which used internation None/Rarely	n surveys, and it is mparative purpose as the following (a may explain as suc h seem the same a ally in studies and Sometimes	s important tha es. We ask tha -k) been true f th: There may f the sanother tests. We ask Often
Q55_1 a.	I The on we you [SF you [In son quu for My app I felt de I felt th	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>IOWCARD</i> ] During the past week, f <i>IOWCARD</i> ] Durin	commonly used i e questions for co our cooperation. to what extent ha e any query, you r o answer or which used internation None/Rarely 0	n surveys, and it is mparative purpose as the following (a- may explain as suc h seem the same a ally in studies and Sometimes 1	-k) been true f ch: There may f as another tests. We ask Often 2
255_1 a. b.	I The on we you [SF you [In son que for I felt de I felt th w3_Q\$	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>IOWCARD</i> ] During the past week, f <i>IOWCARD</i> ] Durin	commonly used i e questions for co our cooperation. to what extent ha e any query, you n o answer or which used internation None/Rarely 0 0	n surveys, and it is mparative purpose as the following (a- may explain as suc h seem the same a ally in studies and Sometimes 1 1	-k) been true f ch: There may f ch: There may f ch: as another tests. We ask Often 2 2
255_1 a. b. c.	My app I felt th wa you [ <i>SH</i> you [ <i>In</i> son quu for Nu you [ <i>In</i> son quu for My app	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>IOWCARD</i> ] During the past week, f <i>ICWCARD</i> ] Durin	commonly used i e questions for co our cooperation. to what extent ha e any query, you r o answer or which used internation <u>None/Rarely</u> 0 0 0	n surveys, and it is mparative purpose as the following (a- may explain as such h seem the same of ally in studies and Sometimes 1 1 1	-k) been true f -k) been true f -k: There may f as another tests. We ask Often 2 2 2
2,55_1 a. b. c. d.	The on we you [ <i>SF</i> you [ <i>In</i> <i>son</i> <i>que</i> <i>for</i> My app I felt de I felt th <b>w3_Q</b> <i>so</i> <i>so</i> <i>so</i> <i>so</i> <i>que</i> <i>so</i> <i>que</i> <i>so</i> <i>que</i> <i>so</i> <i>que</i> <i>so</i> <i>so</i> <i>que</i> <i>so</i> <i>que</i> <i>so</i> <i>so</i> <i>que</i> <i>so</i> <i>so</i> <i>que</i> <i>so</i> <i>so</i> <i>que</i> <i>so</i> <i>so</i> <i>que</i> <i>so</i> <i>so</i> <i>que</i> <i>so</i> <i>so</i> <i>so</i> <i>so</i> <i>so</i> <i>so</i> <i>so</i> <i>so</i>	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>AOWCARD</i> ] During the past week, f <i>a</i> ? <i>terviewer: Should respondent have</i> <i>me questions for which you have n</i> <i>estion, but the same questions are</i> <i>your full cooperation.</i> ] etite was poor w3_Q55_1A pressed w3_Q55_1B at everything I did was an effort 55_1C p was restless w3_Q55_1D	commonly used i e questions for co our cooperation. to what extent has e any query, you r o answer or which used internation <u>None/Rarely</u> 0 0 0 0 0	n surveys, and it is mparative purpose as the following (a- may explain as suc h seem the same a ally in studies and Sometimes 1 1 1 1 1	-k) been true f -k) been true f -k: There may f as another tests. We ask Often 2 2 2 2 2 2
2,55_1 a. b. c. d. e.	The on we you [ <i>SF</i> you [ <i>In</i> <i>soi</i> <i>qu</i> <i>for</i> I felt de I felt th <b>w3_Q!</b> I felt lou I felt lou I felt pet	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>AOWCARD]</i> During the past week, for <i>AOWCARD]</i> During t	commonly used i e questions for co our cooperation. to what extent have any query, you ro o answer or which used internation None/Rarely 0 0 0 0 0 0	n surveys, and it is mparative purpose as the following (a- may explain as such h seem the same a ally in studies and Sometimes 1 1 1 1 1 1	-k) been true f -k) been true f -k: There may f as another tests. We ask Often 2 2 2 2 2 2 2 2 2
255_1 a. b. c. d. e. f.	My app I felt de I felt ha I felt pe I felt pe	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>IOWCARD]</i> During the past week, f u? <i>IOWCARD]</i> During the past week, f u? <i>IOWCA</i>	commonly used i e questions for co our cooperation. to what extent have e any query, you no o answer or which used internation None/Rarely 0 0 0 0 0 0 0 0	n surveys, and it is mparative purpose as the following (a- may explain as such h seem the same of ally in studies and Sometimes 1 1 1 1 1 1 1 1	-k) been true f -k) been true f -k: There may f is another tests. We ask Often 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Q55_1         a.         b.         c.         d.         e.         f.         g.	My app I felt de I felt ha I felt a I felt a	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>(OWCARD)</i> During the past week, for <i>(a)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c)</i> <i>(c</i>	commonly used i e questions for co our cooperation. to what extent has e any query, you r o answer or which used internation <u>None/Rarely</u> 0 0 0 0 0 0 0 0 0 0 0	n surveys, and it is mparative purpose as the following (a- may explain as such h seem the same of ally in studies and Sometimes 1 1 1 1 1 1 1 1 1 1 1 1	-k) been true f -k) been true f -k: There may f as another tests. We ask Often 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Q55_1           a.           b.           c.           d.           e.           f.           g.           h.	My app I felt de I felt th We you [SH you [In son qu for I felt de I felt th I felt pe I felt pe I felt sa I felt th	e next questions are on your psych a daily basis. These are questions receive your answers on all of the u bear with us and thank you for y <i>IOWCARD]</i> During the past week, f u? <i>IOWCARD]</i> During the past week, f u? <i>IOWCA</i>	commonly used i e questions for co our cooperation. to what extent have any query, you ro o answer or which used internation None/Rarely 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	n surveys, and it is mparative purpose as the following (a- may explain as such h seem the same of ally in studies and Sometimes 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-k) been true f -k) been true f -k: There may f as another tests. We ask Often 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Reference: Kohout, F. J., Berkman, L. F., Evans, D. A., & Cornoni-Huntley, J. (1993). Two shorter forms of the CES-D depression symptoms index. *Journal of aging and health*, 5(2), 179-193.

## w3\_cesd\_yesno

(Created variable: Summary measure of depressive symptoms, dichotomized.)

- **0**: Score of less than 7 (symptoms not clinically relevant)
- 1: Score of 7 and above (symptoms clinically relevant)

Reference: Malhotra, C., Chan, A., Malhotra, R., & Østbye, T. (2011). Fifteen dimensions of health among community-dwelling older Singaporeans. *Current gerontology and geriatrics research*, 2011.

Q55	5_2 [SHOWCARD] How strongly do you agree of	or disagree	with the fo	ollowing	statements:
		Strongly Disagree	Disagree	Agree	Strongly Agree
a.	I have little control over the things that happen to me w3_Q55_2A	1	2	3	4
b.	There is really no way I can resolve some of the problems I have w3_Q55_2B	1	2	3	4
C.	There is little I can do to change many of the important things in my life w3_Q55_2C	1	2	3	4
d.	I often feel helpless in dealing with the problems in life w3_Q55_2D	1	2	3	4
e.	Sometimes I feel that I'm being pushed around in life w3_Q55_2E	1	2	3	4

## w3\_mastery

(Created variable: Summary measure of personal mastery, continuous.)

Reference: Pearlin, L. I., & Schooler, C. (1978). The structure of coping. *Journal of health and social behavior*, 2-21.

SECTIO	ON 8:	INCOME				
Q56	_		t is your (subject's) la n sources indicating	-		nds? Please select from the ortance.
	Fir	st source	w3_Q56_F w3_Q56_S			
	Se	cond source				
	Th	ird source	w3_Q56_T			
	(Fo	or Internal Coding C	only) (For w3_Q56_F, w3	w3_Q56_S and w3_Q56_T)		
	1 Income from wo					the form of rent from self-owned ums or real-estate
	2	Pension		7	Income fro	m family business
	<ul> <li>Central Provident Fund</li> <li>Savings, life insurance, bonds, store</li> <li>Financial support from children, grandchildren or relatives</li> </ul>		t Fund	8	Public assistance/short-term financial aid from Community Development Councils	
			rance, bonds, stock	9	•	ase specify:) FO, w3_Q56_SO, w3_Q56_TO
			,	10	Not sure	
Q57	[SH	OWCARD] What	t is the total monthly	/ income	e of this ho	ousehold (from all sources
-	-	-	, own from savings)? v			•

	1	Less ther	n \$500					
		\$500-\$99	-					
	2 3	\$1000-\$9						
	3 4	\$2000 - \$						
	4 5	\$3000-\$3						
	5 6	\$4000-\$4						
	0 7		nd above					
	<b>/</b>	Refused						
	。 9	Don't kn	0.11/					
050				aat wax has		to incon		eet your expenses per
Q58	-	nth? w3_Q	•	liat you lia	ve aueq			eet your expenses per
	1		oney, with so	me left ove	r			
	2	-	gh money, no		.1			
	2		iculty to meet					
	4		iculty to meet	-				
SECTION			N/RECIEPT C		EEDC			
Q59			ct) have grand					
Q39	1	Yes	2	No <b>[Go to</b>		3	Den't	know <b>[Go to Q62]</b>
060								
Q60		ne past 12 ndchildren		e you (subje	ect) pro	vided assis	tance t	o baby sit your (his/her)
	gra 1	Yes	<u>r w3_Q60</u> 2	No <b>[Go to</b>	0621	3	Don't	know <b>[Go to Q62]</b>
Q61	_							b baby sit your (his/her)
QUI				you (subje		lucu assis	lance u	baby sit your (ilis/iler)
	grandchildren? w3_Q61 1 Daily			6 Less than once a year				
			ekly	7 Others,				
			enty	(please specify: w3_Q610 )				
		3 One	ce a month e.g.			Depends on need t know/Can't say		
					-			
			ce a year	, , , ,				
Q62	In t			e you provi	ded mo	ney to any	of you	r family members, other
		-	use? w3_Q62				-	
	1	Yes	2	No <b>[Go to</b>	0 Q65]	3	Don't	know <b>[Go to Q65]</b>
Q63	If Y	es, then pla	ease answer t	he questio	ns belo	w:		
Who did y	ou pr	ovide	Do you live to	gether in the	same	Gender		Age (in years)
money to?			household?			1. Male		(99. DK/Refused)
-	of person: )		1. Yes			2. Female		
w3_Q63)			<ol> <li>No</li> <li>Don't Kno</li> </ol>	\ <b>A</b> /		9. DK/Ref	used	
w3_Q63A	(1 <sup>st</sup>	person)	w3_Q63AII			w3_Q63A	111	w3_Q63AIV
w3_Q63B	<b>(</b> 2 <sup>nd</sup>	<sup>i</sup> person)	w3_Q63BII			w3_Q63B	III	w3_Q63BIV
w3_Q63C	<b>(</b> 3 <sup>rd</sup>	person)	w3_Q63CII			w3_Q63C	111	w3_Q63CIV
w3_Q63D	<b>(</b> 4 <sup>th</sup>	person)	w3_Q63DII			w3_Q63D	111	w3_Q63DIV
w3_Q63E	<b>(5</b> <sup>th</sup>	person)	w3_Q63EII			w3_Q63E		w3_Q63EIV
		-	•			•		

	ernal Code Univ – Use to	rw3	Q63AI, w3_Q63BI, w3_Q	263CL w	/3_Q63DL_w3	Q63EI)	
L Chi	ldren (biological)	6	Siblings	11	Nephews/Nie		
	Idren (adopted/step)	7	Brother/Sister-in-law	12	Cousins		
	ns/Daughters-in-law	8 Grandchild 9 Grandparents		13	Other Relativ	۹	
	ents			- 13	(Specify:	1	
-	hers/Mothers-in-law	10	Uncles/Aunts	_		, w3_Q63BIO,	
		10				, w3_Q63DIO,	
					w3_Q63EIO		
64	w3_Q64 (999999999=	DK /					
65	-		did you (subject) prov		-		
	1 Yes	2 er)	amily members, other	than yo			
56					Dont	know <b>[Go to Q67]</b>	
			wer the questions belo you (subject) live together		<b>• #</b>	A so (in vegeta)	
	d you (subject) help usework or cooking?		he same household?		er Aale	Age (in years) (99. DK/Refused)	
	•		Yes		emale	(99. DK/Refused)	
vuinbe	er of person: w3_Q66)		No		emale K/Refused		
			Don't Know	5. 0	Ky Keluseu		
/3_Q6/	6AI (1 <sup>st</sup> person)		w3_Q66AII           w3_Q66BII           w3_Q66CII		Q66AIII	w3_Q66AIV w3_Q66BIV	
/3_Q6/	6BI (2 <sup>nd</sup> person)	w3			Q66BIII		
/3_Q6	6CI (3 <sup>rd</sup> person)	w3			266CIII	w3_Q66CIV	
	6DI (4 <sup>th</sup> person)		_Q66DII		Q66DIII	w3_Q66DIV	
	6EI (5 <sup>th</sup> person)		_Q66EII		Q66EIII	w3_Q66EIV	
	6FI (6 <sup>th</sup> person)	1	Q66FII		266FIII	w3 Q66FIV	
v3_Q6		wo					
or Inte	ernal Code Only – Use fo	r w3_	 	266CI, w	/3_Q66DI, w3	_Q66EI, w3_Q66FI)	
For Inte	ernal Code Only – Use fo Idren (biological)	r w3_	Q66AI, w3_Q66BI, w3_C Siblings	266Cl, w	/3_Q66DI, w3 Nephews/Nie	_Q66EI, w3_Q66FI)	
For Inte	ernal Code Only – Use fo Idren (biological) Idren (adopted/step)	r w3_ 6 7	Q66AI, w3_Q66BI, w3_C Siblings Brother/Sister-in-law	266Cl, w 11 12	/3_Q66DI, w3 Nephews/Nie Cousins	_Q66EI, w3_Q66FI) ces	
For Inte Chil Chil Son	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) ns/Daughters-in-law	r w3_ 6 7 8	Q66AI, w3_Q66BI, w3_Q Siblings Brother/Sister-in-law Grandchild	266Cl, w	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative	_Q66EI, w3_Q66FI) ces	
For Inte Chil Chil Son Par	ernal Code Only – Use fo Idren (biological) Idren (adopted/step)	r W3_ 6 7 8 9	Q66AI, w3_Q66BI, w3_C Siblings Brother/Sister-in-law	266Cl, w 11 12	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify: w3_Q66AIO w3_Q66CIO	_Q66EI, w3_Q66FI) ces es ) , w3_Q66BIO, , w3_Q66DIO,	
For Inte Chil Chil Son Par Fat	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) ns/Daughters-in-law rents hers/Mothers-in-law	r w3_ 6 7 8 9 10	Q66AI, w3_Q66BI, w3_C Siblings Brother/Sister-in-law Grandchild Grandparents Uncles/Aunts	266Cl, w 11 12 13	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify: w3_Q66AIO w3_Q66CIO w3_Q66EIO	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66DIO, , w3_Q66FIO	
For Inte Chil Chil Son Par Fat	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) ns/Daughters-in-law ents hers/Mothers-in-law In the past 12 mo	r w3_ 6 7 8 9 10	Q66AI, w3_Q66BI, w3_Q Siblings Brother/Sister-in-law Grandchild Grandparents	266Cl, w 11 12 13 ide foo	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify: w3_Q66AIO w3_Q66CIO w3_Q66EIO d or clothes	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66DIO, , w3_Q66FIO	
For Inte Chil Chil Son Par Fat	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) ns/Daughters-in-law ents hers/Mothers-in-law In the past 12 mo	r w3_ 6 7 8 9 10	Q66AI, w3_Q66BI, w3_Q Siblings Brother/Sister-in-law Grandchild Grandparents Uncles/Aunts did you (subject) provi	266Cl, w 11 12 13 ide foo	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify:	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66DIO, , w3_Q66FIO	
For Inte Chil Chil Son Par Fat	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) ns/Daughters-in-law ents hers/Mothers-in-law In the past 12 mo family members, 1 Yes	r w3_ 6 7 8 9 10 10 nths other 2	Q66AI, w3_Q66BI, w3_C Siblings Brother/Sister-in-law Grandchild Grandparents Uncles/Aunts did you (subject) provi	266Cl, w 11 12 13 ide food couse? 3	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify:	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66BIO, , w3_Q66DIO, , w3_Q66FIO to any of your (his/he	
For Inte Chil Chil Son Par Fat	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) ns/Daughters-in-law ents hers/Mothers-in-law In the past 12 mo family members, 1 Yes	r w3_ 6 7 8 9 10 10 0 ther 2 e ansy	Q66AI, w3_Q66BI, w3_Q Siblings Brother/Sister-in-law Grandchild Grandparents Uncles/Aunts did you (subject) provi than your (his/her) sp No [Go to Q69]	266CI, w 11 12 13 ide food pouse? 3 pw:	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify:	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66BIO, , w3_Q66DIO, , w3_Q66FIO to any of your (his/he	
For Inte Chil Son Par Fatl	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) ns/Daughters-in-law rents hers/Mothers-in-law In the past 12 mo family members, f 1 Yes If Yes, then please	r w3_ 6 7 8 9 10 10 0ther 2 e ansy Do	Q66AI, w3_Q66BI, w3_Q Siblings Brother/Sister-in-law Grandchild Grandparents Uncles/Aunts did you (subject) provi than your (his/her) sp No [Go to Q69] wer the questions belo	266Cl, w 11 12 13 ide food pouse? 3 pw: Gend	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify:	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66BIO, , w3_Q66FIO to any of your (his/he know <i>[Go to Q69]</i>	
For Internet Chill Chill Chill Son Par Fatler Fatle	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) hs/Daughters-in-law eents hers/Mothers-in-law In the past 12 mo family members, f 1 Yes If Yes, then please elative did you (subject)	r w3_ 6 7 8 9 10 nths other 2 e answ Do in t	Q66AI, w3_Q66BI, w3_Q Siblings Brother/Sister-in-law Grandchild Grandparents Uncles/Aunts did you (subject) provi than your (his/her) sp No [Go to Q69] wer the questions belo you (subject) live together	266Cl, w 11 12 13 ide food pouse? 3 ow: Gend 1. N 2. F	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify:	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66DIO, , w3_Q66FIO to any of your (his/he know <i>[Go to Q69]</i> Age (in years)	
For Internet Chill Chill Chill Son Par Fatler Fatle	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) hs/Daughters-in-law ents hers/Mothers-in-law In the past 12 mo family members, of 1 Yes If Yes, then please elative did you (subject) food or clothes to?	r w3_ 6 7 8 9 10 nths other 2 e answ Do in t	Q66AI, w3_Q66BI, w3_Q Siblings Brother/Sister-in-law Grandchild Grandparents Uncles/Aunts did you (subject) provi than your (his/her) sp No [Go to Q69] wer the questions belo you (subject) live together he same household?	266Cl, w 11 12 13 ide food pouse? 3 ow: Gend 1. N 2. F	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify:	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66DIO, , w3_Q66FIO to any of your (his/he know <i>[Go to Q69]</i> Age (in years)	
For Inte Chil Son Par Fatl 57 58 Vhich re rovide Numbe	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) ns/Daughters-in-law ents hers/Mothers-in-law In the past 12 mo family members, of 1 Yes If Yes, then please elative did you (subject) food or clothes to? er of person: w3_Q68)	r w3_ 6 7 8 9 10 10 10 0 ther 2 e ansy 2 e ansy 1. 2 3.	Q66AI, w3_Q66BI, w3_Q Siblings Brother/Sister-in-law Grandchild Grandparents Uncles/Aunts did you (subject) provi than your (his/her) sp than your (his/her) sp No [Go to Q69] wer the questions belo you (subject) live together he same household? Yes No Don't Know	266Cl, w 11 12 13 ide food pouse? 3 ow: Gend 1. N 2. F 9. D	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify: w3_Q66AIO w3_Q66CIO w3_Q66EIO d or clothes w3_Q67 b Don't er Aale emale K/Refused	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66DIO, , w3_Q66FIO to any of your (his/he know <i>[Go to Q69]</i> Age (in years) (99. DK/Refused)	
For Inte Chil Son Par Fat 557	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) hs/Daughters-in-law ents hers/Mothers-in-law In the past 12 mo family members, of 1 Yes If Yes, then please elative did you (subject) food or clothes to?	r w3_ 6 7 8 9 10 10 10 0 ther 2 e ansy 2 e ansy 1. 2 3.	Q66AI, w3_Q66BI, w3_Q Siblings Brother/Sister-in-law Grandchild Grandparents Uncles/Aunts did you (subject) provi than your (his/her) sp than your (his/her) sp No [Go to Q69] wer the questions belo you (subject) live together he same household? Yes No	266Cl, w 11 12 13 ide food pouse? 3 ow: Gend 1. N 2. F 9. D	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify:	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66DIO, , w3_Q66FIO to any of your (his/he know <i>[Go to Q69]</i> Age (in years)	
For Inte Chill Son Par Fat Fat 67 68 Vhich ro orovide Numbe	ernal Code Only – Use fo Idren (biological) Idren (adopted/step) ns/Daughters-in-law ents hers/Mothers-in-law In the past 12 mo family members, of 1 Yes If Yes, then please elative did you (subject) food or clothes to? er of person: w3_Q68)	r w3_ 6 7 8 9 10 10 0 ther 2 e ansy 2 e ansy 10 0 ther 2 0 ther 3	Q66AI, w3_Q66BI, w3_Q Siblings Brother/Sister-in-law Grandchild Grandparents Uncles/Aunts did you (subject) provi than your (his/her) sp than your (his/her) sp No [Go to Q69] wer the questions belo you (subject) live together he same household? Yes No Don't Know	266Cl, w 11 12 13 ide food pouse? 3 ow: Gend 1. N 2. F 9. D w3_C w3_C	/3_Q66DI, w3 Nephews/Nie Cousins Other Relative (Specify: w3_Q66AIO w3_Q66CIO w3_Q66EIO d or clothes w3_Q67 b Don't er Aale emale K/Refused	_Q66EI, w3_Q66FI) ces es , w3_Q66BIO, , w3_Q66DIO, , w3_Q66FIO to any of your (his/he know <i>[Go to Q69]</i> Age (in years) (99. DK/Refused)	

w3_Q68DI (4 <sup>th</sup> person)		w3_Q68DII		w3_Q68DIII		DIII	w3_Q68DIV		
w3_	_Q6	8EI (5 <sup>th</sup> person)	w3_Q68EII		w3_0	w3_Q68EIII		w3_Q68EIV	
w3_Q68FI (6 <sup>th</sup> person)		w3_Q68FII		w3_Q68FIII		FIII	w3_Q68FIV		
w3	Q6	8GI (7 <sup>th</sup> person)	w3	_Q68GII	w3_0	268	GIII	w3_Q68GIV	
		8HI (8 <sup>th</sup> person)		 _Q68HII	w3_0			_ w3_Q68HIV	
_		、 · · /		_	_			—	
		ernal Code Only – Use foi 8GI, w3_Q68HI)	rw3_0	Q68AI, w3_Q68BI, w3_Q	68CI, w	v3_C	268DI, w3_	_Q68EI, w3_Q68FI,	
1		ldren (biological)	6	Siblings	11	Ne	phews/Nie	ces	
2	Chi	ldren (adopted/step)	7	Brother/Sister-in-law	12		usins		
3		s/Daughters-in-law	8	Grandchild	13	Ot	her Relative	S	
4	Par	ents	9	Grandparents		(Sp	ecify:	)	
5		hers/Mothers-in-law	10	Uncles/Aunts		w3	Q68AIO	w3_Q68BIO,	
								w3_Q68DIO,	
								w3_Q68FIO,	
		1				_w3	3_Q68GIO	, w3_Q68HIO	
Q69		In the past 12 mon	ths, d	lid you provide emotic	nal su	ppc	ort or adv	ice to any of your fami	
		members, other th	an yo	our spouse? <mark>w3_Q69</mark>					
		1 Yes	2	No <b>[Go to Q71]</b>	3		Don't k	now <b>[Go to Q71]</b>	
ጋ70		If yes, then please	answ	er the questions below	v:				
Who	o dic	you provide emotional	Do	you live together in the	Gend	er		Age (in years)	
sup	port	or advice to?	same household?		<b>1</b> . N	Лаle		(99. DK/Refused)	
(Nu	mbe	r of person: w3_Q70)	1.	<b>1.</b> Yes		ema	le		
			2. No		9. D	K/Re	efused		
			3. Don't Know						
w3_	_Q7	0AI (1 <sup>st</sup> person)	w3_Q70All		w3_Q70AIII		AIII	w3_Q70AIV	
w3_	_Q7	0BI (2 <sup>nd</sup> person)	w3_Q70BII		w3_Q70BIII		BIII	w3_Q70BIV	
w3_	_Q7	0CI (3 <sup>rd</sup> person)	w3_Q70CII		w3_Q70CIII			w3_Q70CIV	
w3_	_Q7	0DI (4 <sup>th</sup> person)	w3_Q70DII		w3_Q70DIII		DIII	w3_Q70DIV	
w3_	_Q7	0EI (5 <sup>™</sup> person)	w3_Q70EII		w3_Q70EIII		EIII	w3_Q70EIV	
w3_	_Q7	0FI (6 <sup>th</sup> person)	w3	_Q70FII	w3_Q70FIII		FIII	w3_Q70FIV	
(For	r Inte	ernal Code Only – Use for	rw3 (	Q70AI, w3_Q70BI, w3_Q	1 70CI. w	v3 (	270DI, w3	Q70EI, w3 Q70FI)	
1		ldren (biological)	6	Siblings	1	11	Nephews		
2		ldren (adopted/step)	7	Brother/Sister-in-law		12	Cousins		
3		is/Daughters-in-law	8	Grandchild		13	Other Rel	atives	
4		ents	9	Grandparents		-	(Specify:	)	
5		hers/Mothers-in-law	10	Uncles/Aunts			w3 Q70	AIO, w3_Q70BIO,	
						w3_Q70	CIO, w3_Q70DIO,		
							EIO, w3_Q70FIO,		
	RECEIPT OF TRANSFERS								
RECE	ᇚ								
-		In the past 12 mon	una. •	•		iey from any of you		ir family members, oth	
-		-		•					
-		than your spouse?	w3_0	271	2		Don't l	now [6a to 072]	
Q71		than your spouse?1Yes	w3_0 2	No <b>[Go to Q73]</b>	3		Don't k	now <b>[Go to Q73]</b>	
Q71 Q72		than your spouse?1YesIf Yes, then please	w3_0 2 answ	No <i>[Go to Q73]</i> ver the questions below			Don't k		
Q71 Q72 Who	o pro	than your spouse?1YesIf Yes, then pleaseovided you money?	w3_0 2 answ Do	No <i>[Go to Q73]</i> ver the questions below you live together in the			Don't k	Age (in years)	
Q71 Q72 Who	o pro	than your spouse?1YesIf Yes, then please	w3_0 2 answ Do	No <i>[Go to Q73]</i> ver the questions below	v:		Don't k		

		2.	No	2. F	emale		
		3.	Don't Know		K/Refused		
w3_	Q72AI (1 <sup>st</sup> person)		_Q72AII		Q72AIII	w3_Q72AIV	
w3_	Q72BI (2 <sup>nd</sup> person)	w3	_Q72BII	w3_0	Q72BIII	w3_Q72BIV	
w3_	Q72CI (3 <sup>rd</sup> person)	w3	_Q72CII	w3_0	Q72CIII	w3_Q72CIV	
w3_	Q72DI (4 <sup>th</sup> person)	w3	_Q72DII	w3_0	Q72DIII	w3_Q72DIV	
w3_	<b>Q72EI</b> (5 <sup>Th</sup> person)	w3	_Q72EII	w3_0	Q72EIII	w3_Q72EIV	
w3_	Q72FI (6 <sup>th</sup> person)	<b>w</b> 3	_Q72FII	w3_0	Q72FIII	w3_Q72FIV	
w3_	<b>_Q72GI</b> (7 <sup>th</sup> person)	w3	_Q72GII	w3_0	Q72GIII	w3_Q72GIV	
w3_	Q72HI (8 <sup>th</sup> person)	w3	_Q72HII	w3_0	Q72HIII	w3_Q72HIV	
	Q72II (9 <sup>th</sup> person)		_Q72III	_	2721111	w3_Q72IIV	
w3_	<b>_Q72JI</b> (10 <sup>th</sup> person)	<b>w</b> 3	_Q72JII	w3_0	Q72JIII	w3_Q72JIV	
	Internal Code Only – Use for			272CI, w	/3_Q72DI, w3	3_Q72EI, w3_Q72FI,	
	_Q72GI, w3_Q72HI, w3_Q Children (biological)	/211, \ 6		11	Nephews/Ni	2005	
		6 7	Siblings Brother/Sister in Jaw	11 12	-	2023	
	Children (adopted/step)		Brother/Sister-in-law		Cousins Other Polativ		
	Sons/Daughters-in-law	8	Grandchild	13	Other Relativ		
	Parents	9	Grandparents		(Specify:	) ), w3_Q72BIO,	
5	Fathers/Mothers-in-law	10	Uncles/Aunts				
					W3 072010	) w3 072DIO	
						), w3_Q72DIO, )_w3_Q72EIQ	
					w3_Q72EI0	), w3_Q72FIO,	
Q72a	How much money	did y	ou receive in the past	: 12 mo	w3_Q72EI0 w3_Q72GI0 w3_Q72II0	), w3_Q72FIO, ), w3_Q72HIO, , w3_Q72JIO	
	SGD\$) w3_Q72A (9)	99999 ths, (	99= DK / RF / NO RESPONS did you (subject) recei	SE) ve hou	w3_Q72EIC w3_Q72GIC w3_Q72IIO nths? (Roun sework help	0, w3_Q72FIO, 0, w3_Q72HIO, <u>, w3_Q72JIO</u> d off to the nearest	
	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me	99999 ths, o embe	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h	<sup>SE)</sup> ve hou is/her)	w3_Q72EIC w3_Q72GIO w3_Q72IIO nths? (Roun sework help spouse? w3	0, w3_Q72FIO, 0, w3_Q72HIO, , w3_Q72JIO d off to the nearest from any of your _Q73	
273	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes	ths, o embe	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No <i>[Go to Q75]</i>	<sup>SE)</sup> ve hou: is/her) 3	w3_Q72EIC w3_Q72GIO w3_Q72IIO nths? (Roun sework help spouse? w3	0, w3_Q72FIO, 0, w3_Q72HIO, <u>, w3_Q72JIO</u> d off to the nearest	
273	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes	ths, o embe	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h	<sup>SE)</sup> ve hou: is/her) 3	w3_Q72EIC w3_Q72GIO w3_Q72IIO nths? (Roun sework help spouse? w3	0, w3_Q72FIO, 0, w3_Q72HIO, , w3_Q72JIO d off to the nearest from any of your _Q73	
Q73 Q74	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes	ths, o embe 2 answ	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No <i>[Go to Q75]</i>	se) ve hou: is/her) 3 w:	w3_Q72EIC w3_Q72GIO w3_Q72IIO nths? (Roun sework help spouse? w3 Don't	0, w3_Q72FIO, 0, w3_Q72HIO, , w3_Q72JIO d off to the nearest from any of your _Q73	
273 274 Who	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes If Yes, then please	ths, o embe 2 answ	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No [Go to Q75] ver the questions belo	SE) ve hou: is/her) 3 w: r Gend	w3_Q72EIC w3_Q72GIO w3_Q72IIO nths? (Roun sework help spouse? w3 Don't	0, w3_Q72FIO, 0, w3_Q72HIO, , w3_Q72JIO d off to the nearest from any of your _Q73 know <i>[Go to Q75]</i>	
273 274 Who hous	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes If Yes, then please b helped you (subject) with	ths, o embe 2 answ	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No [Go to Q75] ver the questions belo you (subject) live together	SE) ve hou: is/her) 3 W: Gend 1. N	w3_Q72EIC w3_Q72GIO w3_Q72IIO nths? (Roun sework help spouse? w3 Don't	0, w3_Q72FIO, 0, w3_Q72HIO, <u>w3_Q72JIO</u> d off to the nearest from any of your _Q73 know <i>[Go to Q75]</i>	
273 274 Who hous	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes If Yes, then please b helped you (subject) with sework?	ths, or ember 2 answ Do in t	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No [Go to Q75] ver the questions belo you (subject) live together he same household?	5E) ve hou: is/her) 3 w: Gend 1. M 2. F	w3_Q72EIC w3_Q72GIO mths? (Roun sework help spouse? w3 Don't er Aale	0, w3_Q72FIO, 0, w3_Q72HIO, <u>w3_Q72JIO</u> d off to the nearest from any of your _Q73 know <i>[Go to Q75]</i>	
273 274 Who hous (Nur	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes If Yes, then please b helped you (subject) with sework? mber of person: w3_Q74)	ths, o embe 2 answ Do in t 1.	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No [Go to Q75] ver the questions belo you (subject) live together he same household? Yes	SE) ve hou: is/her) 3 w: Gend 1. M 2. F 9. D	w3_Q72EIC w3_Q72GIC w3_Q72GIC w3_Q72IIO nths? (Roun sework help spouse? w3 Don't er Male emale K/Refused	0, w3_Q72FIO, 0, w3_Q72HIO, 1, w3_Q72JIO d off to the nearest o from any of your _Q73 know [Go to Q75] Age (in years) (99. DK/Refused)	
273 274 Who hous (Nun	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes If Yes, then please b helped you (subject) with sework?	ths, o embe 2 answ Do in t 1. 2. 3.	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No [Go to Q75] ver the questions belo you (subject) live together he same household? Yes No	SE) ve hou: is/her) 3 w: Gend 1. M 2. F 9. D	w3_Q72EIC w3_Q72GIO mths? (Roun sework help spouse? w3 Don't er Male emale	0, w3_Q72FIO, 0, w3_Q72HIO, <u>w3_Q72JIO</u> d off to the nearest from any of your _Q73 know <i>[Go to Q75]</i>	
hous (Nun w3_	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes If Yes, then please b helped you (subject) with sework? mber of person: w3_Q74)	2 answ Do in t 1. 2. 3. W3	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No <i>[Go to Q75]</i> ver the questions belo you (subject) live together he same household? Yes No Don't Know	SE) ve hou: is/her) 3 w: Gend 1. M 2. F 9. D w3_0	w3_Q72EIC w3_Q72GIC w3_Q72GIC w3_Q72IIO nths? (Roun sework help spouse? w3 Don't er Male emale K/Refused	0, w3_Q72FIO, 0, w3_Q72HIO, 1, w3_Q72JIO d off to the nearest o from any of your _Q73 know [Go to Q75] Age (in years) (99. DK/Refused)	
273 274 Who hous (Nun w3_ w3_	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes If Yes, then please b helped you (subject) with sework? mber of person: w3_Q74)	999999 ths, o embe 2 answ Do in t 1. 2. 3. w3 w3	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No <i>[Go to Q75]</i> ver the questions belo you (subject) live together he same household? Yes No Don't Know Q74All	5E) ve hou: is/her) 3 w: Gend 1. M 2. F 9. D w3_0 w3_0	w3_Q72EIC w3_Q72GIC w3_Q72GIC w3_Q72IIO nths? (Roun sework help spouse? w3 Don't er Aale emale K/Refused	0, w3_Q72FIO, 0, w3_Q72HIO, , w3_Q72JIO d off to the nearest o from any of your _Q73 know [Go to Q75] Age (in years) (99. DK/Refused) w3_Q74AIV	
273 274 Who hous (Nun w3_ w3_	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes If Yes, then please b helped you (subject) with sework? mber of person: w3_Q74) Q74AI (1 <sup>st</sup> person) Q74BI (2 <sup>nd</sup> person)	999999 ths, o embe 2 answ Do in t 1. 2. 3. w3 w3 w3	99= DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No [Go to Q75] ver the questions belo you (subject) live together he same household? Yes No Don't Know _Q74AII	5E) ve hou: is/her) 3 w: Gend 1. M 2. F 9. D w3_0 w3_0 w3_0	w3_Q72EIC w3_Q72GIO mths? (Roun sework help spouse? w3 Don't er Aale emale K/Refused Q74AIII	0, w3_Q72FIO, 0, w3_Q72HIO, , w3_Q72JIO d off to the nearest from any of your _Q73 know [Go to Q75] Age (in years) (99. DK/Refused) w3_Q74AIV w3_Q74BIV	
273 274 Who hous (Nun w3_ w3_ w3_	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes If Yes, then please b helped you (subject) with sework? mber of person: w3_Q74) Q74AI (1 <sup>st</sup> person) Q74BI (2 <sup>nd</sup> person)	999999 ths, o embe 2 answ Do in t 1. 2. 3. w3 w3 w3 w3 w3	99 = DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No [Go to Q75] ver the questions belo you (subject) live together he same household? Yes No Don't Know _Q74AII _Q74BII _Q74CII	5E) ve hou: is/her) 3 W: Gend 1. N 2. F 9. D W3_C W3_C W3_C	w3_Q72EIC w3_Q72GIO mths? (Roun sework help spouse? w3 Don't er Aale emale K/Refused 274AIII 274BIII	0, w3_Q72FIO, 0, w3_Q72HIO, , w3_Q72JIO d off to the nearest from any of your _Q73 know [Go to Q75] Age (in years) (99. DK/Refused) w3_Q74AIV w3_Q74BIV w3_Q74CIV	
273 274 Who hous (Nun w3_ w3_ w3_ w3_	SGD\$) w3_Q72A (9) In the past 12 mon (his/her) family me 1 Yes If Yes, then please b helped you (subject) with sework? mber of person: w3_Q74) Q74AI (1 <sup>st</sup> person) Q74BI (2 <sup>nd</sup> person) Q74DI (4 <sup>th</sup> person)	999999 ths, o embe 2 answ Do in t 1. 2. 3. w3 w3 w3 w3 w3 w3 w3	99 = DK / RF / NO RESPONS did you (subject) recei ers, other than your (h No [Go to Q75] ver the questions belo you (subject) live together he same household? Yes No Don't Know _Q74AII _Q74BII _Q74DII	5E) ve hou: is/her) 3 W: Gend 1. N 2. F 9. D W3_C W3_C W3_C W3_C W3_C	w3_Q72EIC w3_Q72GIO w3_Q72IIO nths? (Roun sework help spouse? w3 Don't er Aale emale K/Refused Q74AIII Q74BIII Q74CIII	0, w3_Q72FIO, 0, w3_Q72HIO, , w3_Q72JIO d off to the nearest from any of your _Q73 know [Go to Q75] Age (in years) (99. DK/Refused) w3_Q74AIV w3_Q74BIV w3_Q74DIV	

w3_Q74	4HI (8 <sup>th</sup> person)	w3	_Q74HII	w3_	Q	)74HIII	w3_Q74HIV	
-	ernal Code Only – Use for 4GI, w3_Q74HI)	r w3_	Q74AI, w3_Q74BI, w3_Q	274CI,	W	3_Q74DI, w3	_Q74EI, w3_Q74FI,	
1 Chil	ldren (biological)	6 Siblings		11		Nephews/Nie	ces	
2 Chil	ldren (adopted/step)	7	Brother/Sister-in-law	12	2	Cousins		
3 Son	s/Daughters-in-law	8	Grandchild	13	5	Other Relative	es	
4 Pare	ents	9	Grandparents			(Specify:	)	
5 Fath	hers/Mothers-in-law	10	Uncles/Aunts			w3_Q74CIO w3_Q74EIO	, w3_Q74BIO, , w3_Q74DIO, , w3_Q74FIO, , w3_Q74HIO	
Q75			did you (subject) recei				-	
	from any of your (h	nis/h	er) family members, o	ther t	ha	an your (his,	/her) spouse? <mark>w3_Q75</mark>	
	1 Yes	2	No <b>[Go to Q77]</b>		3	Don't k	know <b>[Go to Q77]</b>	
Q76	If Yes, then please	ansv	ver the questions belo	w:				
Who hel	lped you (subject) with	Do	you (subject) live	Gen	d۵	r	Age (in years)	
	othes, or other material		ether in the same			ale	(99. DK/Refused)	
goods?		-	isehold?			emale		
	r of person: w3_Q76)		Yes			(/Refused		
•	· – /	2.	No					
		3.	Don't Know					
w3_Q76	6AI (1 <sup>st</sup> person)	w3_Q76All		w3_	w3_Q76AIII		w3_Q76AIV	
w3_Q76	6BI (2 <sup>nd</sup> person)	w3	_Q76BII	w3_	Q	76BIII	w3_Q76BIV	
w3_Q76	6CI (3 <sup>rd</sup> person)	w3_Q76CII		w3_	Q	76CIII	w3_Q76CIV	
w3_Q76	6DI (4 <sup>th</sup> person)	w3_Q76DII		w3_	Q	76DIII	w3_Q76DIV	
	6EI (5 <sup>Th</sup> person)	w3_Q76EII			w3_Q76EIII w3_Q76FIII		w3_Q76EIV	
	6FI (6 <sup>th</sup> person)		w3_Q76FII				w3_Q76FIV	
	6GI (7 <sup>th</sup> person)		_Q76GII			76GIII	w3_Q76GIV	
_	6HI (8 <sup>th</sup> person)		_Q76HII			76HIII	w3_Q76HIV	
w3_Q76	6II (9 <sup>th</sup> person)	w3	_Q76III	w3_	w3_Q76IIII		w3_Q76IIV	
w3_Q76	6JI (10 <sup>th</sup> person)	w3	_Q76JII	w3_	w3_Q76JIII		w3_Q76JIV	
	ernal Code Only – Use for 6GI, w3_Q76HI, w3_Q		Q76AI, w3_Q76BI, w3_0 w3_Q76JI <b>)</b>	276CI,	W	3_Q76DI, w3	_Q76EI, w3_Q76FI,	
1 Chil	ldren (biological)	6	Siblings	11		Nephews/Nie	ces	
2 Chil	ldren (adopted/step)	7	Brother/Sister-in-law	12	2	Cousins		
	s/Daughters-in-law	8	Grandchild	13	}	Other Relative	es	
4 Parents 9			9 Grandparents		(Specify:)		)	
5 Fathers/Mothers-in-law			Uncles/Aunts			w3_Q76CIO w3_Q76EIO	, w3_Q76BIO, , w3_Q76DIO, , w3_Q76FIO, , w3_Q76FIO, , w3_Q76HIO, w3_Q76HIO,	
077	In the nact 12 man	the ·	did you receive emotio	nal c				
Q77	-		-		μ		ice ironi any or your	
	<b>1</b> Yes	tner 2	than your spouse? w3 No [Go to Q79]	_	3	Don't k	now <b>[Go to Q79]</b>	
070			• • •		_	50111		
278	in res, then please	ansv	ver the questions belo					

w3_Q78AI (1 <sup>44</sup> person)w3_Q78AIIw3_Q78AIIIw3_Q78AIVw3_Q78BI (2 <sup>ad</sup> person)w3_Q78BIIw3_Q78BIIIw3_Q78BIIw3_Q78CI (3 <sup>dd</sup> person)w3_Q78CIIw3_Q78CIIIw3_Q78CIIw3_Q78DI (4 <sup>th</sup> person)w3_Q78CIIw3_Q78CIIIw3_Q78CIIIw3_Q78BI (5 <sup>th</sup> person)w3_Q78EIIw3_Q78CIIIw3_Q78CIIIw3_Q78GI (7 <sup>th</sup> person)w3_Q78FIIw3_Q78FIIIw3_Q78FIVw3_Q78GI (7 <sup>th</sup> person)w3_Q78GIIw3_Q78CIIIw3_Q78CIIIw3_Q78GI (7 <sup>th</sup> person)w3_Q78GIIw3_Q78CIIIw3_Q78CIIIw3_Q78HI (8 <sup>th</sup> person)w3_Q78HIIw3_Q78CIIIw3_Q78HIVw3_Q78JI (10 <sup>th</sup> person)w3_Q78JIIw3_Q78CI, w3_Q78LIIw3_Q78LIVw3_Q78JI (10 <sup>th</sup> person)w3_Q78JIw3_Q78CI, w3_Q78CI, w3_Q7	Who gave you emotional support or advice? (Number of person: w3_Q78)			<b>y you live together in the</b> me household? Yes No Don't Know	G 1. 2. 9.	Fe	<b>r</b> ale male /Refused	Age (in years) (99. DK/Refused)		
w3_Q78CI (3" person)w3_Q78CIIw3_Q78CIIw3_Q78CIIw3_Q78CI (4" person)w3_Q78DIw3_Q78DIw3_Q78DIw3_Q78DI (4" person)w3_Q78EIIw3_Q78EIIw3_Q78EIVw3_Q78EI (6" person)w3_Q78EIIw3_Q78FIIIw3_Q78FIVw3_Q78GI (7" person)w3_Q78GIIw3_Q78GIIw3_Q78GIVw3_Q78HI (8" person)w3_Q78HIIw3_Q78HIIw3_Q78HIVw3_Q78HI (8" person)w3_Q78HIIw3_Q78HIIw3_Q78HIVw3_Q78JI (0" person)w3_Q78JIw3_Q78HIIw3_Q78HIVw3_Q78JI (10" person)w3_Q78H, w3_Q78H, w3_Q78CI, w3_Q78DI, w3_Q78H, w3_Q	w	3_Q78AI (1	<sup>st</sup> person)	w:	3_Q78AII	w	3_Q	78AIII	w3_Q78AIV	-
w3_Q78DI (4 <sup>th</sup> person)         w3_Q78DI         w3_Q78DII         w3_Q78DII         w3_Q78DII           w3_Q78EI (5 <sup>Th</sup> person)         w3_Q78EII         w3_Q78EIII         w3_Q78EIV           w3_Q78GI (7 <sup>th</sup> person)         w3_Q78GII         w3_Q78GII         w3_Q78GIV           w3_Q78II (8 <sup>th</sup> person)         w3_Q78BII         w3_Q78GII         w3_Q78GIV           w3_Q78II (8 <sup>th</sup> person)         w3_Q78HII         w3_Q78HII         w3_Q78HIV           w3_Q78II (9 <sup>th</sup> person)         w3_Q78HII         w3_Q78HII         w3_Q78HIV           w3_Q78II (9 <sup>th</sup> person)         w3_Q78HI         w3_Q78HI         w3_Q78HIV           w3_Q78II (10 <sup>th</sup> person)         w3_Q78HI         w3_Q78HI         w3_Q78HIV           w3_Q78GI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78HIV         w3_Q78HI, w3_Q78HI, w3_Q78HIV         w3_Q78HI, w3_Q78HI, w3_Q78HIV           1         Children (adopted/step)         7         Brother/Siter-in-law         12         Couins           2         Children (adopted/step)         7         Brother/Siter-in-law         13         Other Relatives         (spect/st	w	3_Q78BI (2	2 <sup>nd</sup> person)	w:	3_Q78BII	w	/3_Q	78BIII	w3_Q78BIV	
w3_Q78EI (5 <sup>Th</sup> person)w3_Q78EIIw3_Q78EIIw3_Q78EIIw3_Q78FI (6 <sup>th</sup> person)w3_Q78FIIw3_Q78FIIIw3_Q78FIVw3_Q78GI (7 <sup>th</sup> person)w3_Q78GIIw3_Q78GIIw3_Q78GIVw3_Q78HI (8 <sup>th</sup> person)w3_Q78HIIw3_Q78HIIw3_Q78HIIw3_Q78II (9 <sup>th</sup> person)w3_Q78HIIw3_Q78HIIw3_Q78HIVw3_Q78II (10 <sup>th</sup> person)w3_Q78HIw3_Q78HIIw3_Q78DIw3_Q78II (10 <sup>th</sup> person)w3_Q78HIw3_Q78CI, w3_Q78DI, w3_Q78HI, w3_Q78HIw3_Q778JIIIw3_Q78GI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78CI, w3_Q78DI, w3_Q78HI, w3_Q78HIw3_Q778DI, w3_Q78HI, w3_Q78HIw3_Q778DI, w3_Q78DI, w3_Q78EI, w3_Q78FI, w3_Q78CI, w3_Q78HI, w3_Q78HI1Nephews/Nieces1Children (biological)6552Children (adopted/step)7Brother/Sister-in-law12Cousins3Sons/Daughters-in-law8Grandphild13Other Relatives (Specify:	w	3_Q78CI (3	<sup>3rd</sup> person)	w:	3_Q78CII	v	3_Q	78CIII	w3_Q76CIV	
w3_Q78FI (6th person)       w3_Q78FII       w3_Q78FII       w3_Q78FII         w3_Q78GI (7th person)       w3_Q78GII       w3_Q78GIII       w3_Q78GIV         w3_Q78GI (7th person)       w3_Q78GII       w3_Q78GIII       w3_Q78GIV         w3_Q78II (8th person)       w3_Q78III       w3_Q78HII       w3_Q78HIV         w3_Q78JI (10th person)       w3_Q78JII       w3_Q78JIV       w3_Q78JIV         (for internal Code Only - Use for w3_Q78AI, w3_Q78BI, w3_Q78CI, w3_Q78DI, w3_Q78EI, w3_Q78FI, w3_Q78GI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78HI, w3_Q78EI, w3_Q78FI, w3_Q78GIV, w3_Q78BIO,	w	3 <b>_Q78DI</b> (4	I <sup>th</sup> person)	w	3_Q78DII	w	3_Q	78DIII	w3_Q78DIV	
w3_Q78GI (7th person)       w3_Q78GII       w3_Q78GII       w3_Q78GII         w3_Q78GI (7th person)       w3_Q78GII       w3_Q78GIII       w3_Q78GII         w3_Q78HI (8th person)       w3_Q78HII       w3_Q78HIII       w3_Q78HIV         w3_Q78JI (10th person)       w3_Q78JI       w3_Q78JII       w3_Q78JIV         w3_Q78JI (10th person)       w3_Q78JI, w	w	3_Q78EI (5	5 <sup>Th</sup> person)	w:	3_Q78EII	w	3_Q	78EIII	w3_Q78EIV	
w3_Q78HIw3_Q78HIIw3_Q78HIIw3_Q78HIVw3_Q78II(8 <sup>th</sup> person)w3_Q78IIIw3_Q78IIIw3_Q78IIVw3_Q78JI(9 <sup>th</sup> person)w3_Q78JIIw3_Q78JIVw3_Q78JIVw3_Q78JI(10 <sup>th</sup> person)w3_Q78JIIw3_Q78JIVw3_Q78JIV(For internal Code Only - Use for w3_Q78AI, w3_Q78BI, w3_Q78CI, w3_Q78DI, w3_Q78EI, w3_Q78FI, w3_Q78CI, w3_Q78HI, w3_Q78JIVw3_Q78JIVw3_Q78JIV1Children (biological)6Siblings11Nephews/Nieces2Children (adopted/step)7Brother/Sister-in-law12Cousins3Sons/Daughters-in-law8Grandparents(Specify:)5Fathers/Mothers-in-law10Uncles/Auntsw3_Q78BIO, w3_Q78BIO,	w	3_Q78FI (6	<sup>th</sup> person)	w:	3_Q78FII	w	3_Q	78FIII	w3_Q78FIV	
w3_Q78II (9 <sup>th</sup> person)       w3_Q78III       w3_Q78III       w3_Q78IIV         w3_Q78JI (10 <sup>th</sup> person)       w3_Q78JII       w3_Q78JII       w3_Q78DI, w3_Q78DI, w3_Q78DI, w3_Q78DI, w3_Q78DI, w3_Q78DI, w3_Q78CI, w3_Q78DI, w3_Q78CIO, w3_Q78DI, w3_Q78DI, w3_Q78DI, w3_Q78DI, w3_Q78DI, w3_Q78DIO, w3_Q78CIO, w3_Q78BIO, w3_Q78	w	3_Q78GI (7	<sup>7th</sup> person)	w:	3_Q78GII	w	/3_Q	78GIII	w3_Q78GIV	
w3_Q78JI (10 <sup>th</sup> person)       w3_Q78JII       w3_Q78JII       w3_Q78JIV         (for internal Code Only – Use for w3_Q78AI, w3_Q78BI, w3_Q78CI, w3_Q78DI, w3_Q78EI, w3_Q78FI, w3_Q78F	w	3_Q78HI (8	<sup>8th</sup> person)	w:	3_Q78HII	w	3_Q	78HIII	w3_Q78HIV	
(For Internal Code Only – Use for w3_Q78AI, w3_Q78BI, w3_Q78CI, w3_Q78DI, w3_Q78EI, w3_Q78FI, w3_Q78FI, w3_Q78II, w3_Q78II, w3_Q78JI)         1       Children (biological)       6       Siblings       11       Nephews/Nieces         2       Children (adopted/step)       7       Brother/Sister-in-law       12       Cousins         3       Sons/Daughters-in-law       8       Grandchild       13       Other Relatives         4       Parents       9       Grandparents       (Specify:)       w3_Q78AIO, w3_Q78BIO, w3	w	<b>3_Q78II</b> (9 <sup>t</sup>	<sup>h</sup> person)	w:	3_Q78III	w	/3_Q	781111	w3_Q78IIV	
w3_Q78GI, w3_Q78HI, w3_Q78JI, w3_Q78JI)       1       Nephews/Nieces         1       Children (biological)       6       Siblings       11       Nephews/Nieces         2       Children (biological)       7       Brother/Sister-in-law       12       Cousins         3       Sons/Daughters-in-law       8       Grandparents       (Specify:)       w3_Q78AIO, w3_Q78BIO, w3_Q78BIO, w3_Q78CIO, w3_Q78BIO, w3_Q78CIO, w3_Q78CIO, w3_Q78FIO, w3_Q78CIO, w3_Q78FIO, w3_Q78CIO, w3_Q78BIO, w3	w	3_Q78JI (1	0 <sup>th</sup> person)	w:	w3_Q78JII		w3_Q78JIII		w3_Q78JIV	
Singapore citizens who were born on or before 31st December 1949 and obtained citizenship on or before 31st December 1986 have been provided with a Pioneer Generation Package. The Pioneer Generation card, which can be used for seeking different kinds of health care services, is part of he package.Q79For which of the following health care services can the Pioneer Generation card be used?Q791Nursing Home w3_Q79_11. Yes2. No3. Don't know2Government Polyclinic w3_Q79_21. Yes2. No3. Don't know3Private General Practitioner (GP)1. Yes2. No3. Don't know4Specialist Outpatient Clinic (SOC)1. Yes2. No3. Don't know5Dental Clinic w3_Q79_51. Yes2. No3. Don't know6Traditional Chinese Medicine (TCM)1. Yes2. No3. Don't know	3 4 5	Sons/Daug Parents Fathers/M	ghters-in-law lothers-in-law	8 9 10	Grandchild Grandparents Uncles/Aunts		13	Other Relative (Specify: w3_Q78AIO w3_Q78CIO w3_Q78EIO w3_Q78EIO w3_Q78BIO w3_Q78IIO,	) , w3_Q78BIO, , w3_Q78DIO, , w3_Q78FIO, , w3_Q78HIO, w3_Q78JIO	
1Nursing Home w3_Q79_11. Yes2. No3. Don't know2Government Polyclinic w3_Q79_21. Yes2. No3. Don't know3Private General Practitioner (GP) w3_Q79_31. Yes2. No3. Don't know4Specialist Outpatient Clinic (SOC) w3_Q79_41. Yes2. No3. Don't know5Dental Clinic w3_Q79_51. Yes2. No3. Don't know6Traditional Chinese Medicine (TCM) w3_Q79_61. Yes2. No3. Don't know	Sing Defo Gen :he	gapore citi ore 31 <sup>st</sup> De ieration ca package.	izens who were ecember 1986   ard, which can	e bor have be us	n on or before 31 <sup>st</sup> D been provided with sed for seeking diffe	ecen a Pic rent	nbei onee kind	1949 and ok r Generation s of health ca	otained citizenship on 1 Package. The Pioneer are services, is part of	r
3Private General Practitioner (GP) w3_Q79_31. Yes2. No3. Don't know4Specialist Outpatient Clinic (SOC) w3_Q79_41. Yes2. No3. Don't know5Dental Clinic w3_Q79_51. Yes2. No3. Don't know6Traditional Chinese Medicine (TCM) w3_Q79_61. Yes2. No3. Don't know					-					
w3_Q79_3		2	Government	Poly	clinic w3_Q79_2	<b>1.</b> Y	'es	2. No	3. Don't know	
4Specialist Outpatient Clinic (SOC) w3_Q79_41. Yes2. No3. Don't know5Dental Clinic w3_Q79_51. Yes2. No3. Don't know6Traditional Chinese Medicine (TCM) w3_Q79_61. Yes2. No3. Don't know		3 Private General Pra			actitioner (GP)	<b>1.</b> Y	'es	2. No	3. Don't know	
5Dental Clinic w3_Q79_51. Yes2. No3. Don't know6Traditional Chinese Medicine (TCM) w3_Q79_61. Yes2. No3. Don't know		4	Specialist Out	patie	ent Clinic (SOC)	<b>1.</b> Y	'es	2. No	3. Don't know	
6 Traditional Chinese Medicine (TCM) 1. Yes 2. No 3. Don't know w3_Q79_6		5		w3_0	279_5	<b>1.</b> Y	'es	2. No	3. Don't know	
		6	Traditional Ch			<b>1.</b> Y	'es		3. Don't know	
					Dianaar Concretion		ייי כו			

	2	No <b>[Go to Q83]</b>									
	3	Don't know <b>[Go to Q83]</b>									
Q81	Hav	Have you (subject) used the Pioneer Generation card for any health care service in the									
	last	three months? w3_Q81									
	1	Yes									
	2	No <b>[Go to Q83]</b>									
	3	Don't know <b>[Go to Q83]</b>									
Q82	[SH	OWCARD] For which services di	id you (su	bject) use	e the Pioneer G	eneration card in th					
	last	three months? [MA] (0=Not sele	cted, <mark>1=</mark> Sele	ected)							
	1	Private General Practitioner (	GP) <mark>w3_Q</mark>	82C1							
	2	Government Polyclinic w3_Q8	2C2								
	3	Specialist Outpatient Clinic (S	OC) <mark>w3_Q</mark>	82C3							
	4	Dental Clinic w3_Q82C4									
SECTI	ON 11	.: HEALTH CARE UTILIZATIO	N								
Q83	No	w I would like to ask you about		s) contac	t with health p	rofessionals and					
		w I would like to ask you about vices		s) contac	t with health p	rofessionals and					
Q83	ser	•		s) contac Yes	t with health pr (ii) Number of times in the <u>last three</u> <u>months</u>	rofessionals and (iii) Number of doctors or practitioners seen in the <u>last three months</u>					
Q83 (i) Dur  a. see (GP or	ring the <u>l</u> or talk or a du a polye	vices	: (subject'	-	(ii) Number of times in the <u>last three</u>	(iii) Number of doctors or practitioners seen in					

[Interviewer:

If Q83(i).a. = 1 (Yes) AND Q83(i).b. = 1 (Yes), then proceed to Q84; <u>or</u> If Q83(iii).a > 1 OR Q83(iii).b >1, then proceed to Q84.

# Else, proceed to Q86]

Q84	[Interviewer: Read instruction above before proceeding]								
	You report that you (subject) saw or talked to at least two different doctors or								
	prac	titioners in the last three months. Were these consultations for the same health							
	prob	olem you (subject) were facing? w3_Q84							
	1	Yes							
	2	No <b>[Go to Q86]</b>							
	3	Don't know <b>[Go to Q86]</b>							
Q85	[SHC	DWCARD] How often were you (subject) confused about the advice provided by the							
	diffe	erent doctors or practitioners? w3_Q85							
	1 Never								
	2	Rarely							
	3	Sometimes							

	4 Frequer	ntly						
	5 Always							
Q86		<u>st six months,</u> did you (s problem you (subject)	-		ergency room for help			
	1 Yes			8] w3_Q86				
Q87	Number of ti	mes in the <u>last six</u> mont			NO RESPONSE)			
		nes						
Q88	admitted, I m bed)? w3_Q88	ean you (he/she) was k 3	ept in	a hospital for at leas	blic or private hospital (B t one night in a hospital			
	1 Yes	2	No <b>[G</b>	o to Q90]				
Q89								
		over all admissions dur 3_Q89I (999= DK / NOT SUI	-	(ii) How long was you admission? w3_Q89II				
			ights		nights			
Q90	In the past ve	ar. how many times ha	ve voi	u (subject) been admit	tted to a public or private			
200		Q90 (999= DK / RF / NOT SI	-					
	1=		, <mark>2=</mark> 1-2	2	<mark>3=</mark> ≥2			
SECTIO					1			
	ON 12: LITERA CY (of Subject)	CY, MEDICATION US	se and	D HEALTH LITERACY				
Q91		questions pertain to yo	ur (su	biect's) reading ability	v			
Q31		(i) Are you (subject)		(iii) Can you (subject) read (iiii) If Yes, would you				
		able to <u>read</u> in		s language well	say that you (subject)			
				bugh to understand a	can read the			
			in i	ly newspaper written t?	newspaper			
	(a) English	1 Yes [go to (ii)]		es <b>[go to (iii)]</b>	1 A little			
		2 No [go to (b)]	<b>2</b> N	lo <b>[go to (b)]</b>	2 Some			
		w3_Q91AI	w3	Q91AII	3 Completely			
		_		-	w3_Q91AIII			
	(b) Chinese	1 Yes <b>[go to (ii)]</b>	<b>1</b> Y	es <b>[go to (iii)]</b>	1 A little			
		2 No [go to (c)]		lo <b>[go to (c)]</b>	2 Some			
		w3_Q91BI		_Q91BII	3 Completely			
		1 Voc [co to /::!]	1 1	es <b>[go to (iii)]</b>	w3_Q91BIII			
	(c) Malay	1 Yes <b>[go to (ii)]</b>			1 A little			
		2 No [go to (d)]		lo <b>[go to (d)]</b>	2 Some			
		w3_Q91CI	w3	_Q91CII	3 Completely			
					w3_Q91CIII			
	(d) <b>Tamil</b>	1 Yes <b>[go to (ii)]</b>	<b>1</b> Y	es <b>[go to (iii)]</b>	1 A little			
		2 No [go to (e)]	<b>2</b> N	lo <b>[go to (e)]</b>	2 Some			
	1.1							

					w3_Q91DII			
	(e)	Are you (su	lbject) able to read in	1 Yes				
				(Please specify: W	3_Q91EO)			
	any	/ other lang	uage? w3_Q91E	<b>2</b> No				
				2 110				
		USE (of Su						
Q92			ct) currently take any p	rescription medication	is on a regular basis? w3_Q92			
	1	Yes						
	2	No <b>[Go t</b>						
Q93		•	ferent prescription me	dications do you (subje	ect) take on a regular basis?			
	w3_ 1	Q93	w3_0930 /	2 Don't know / 3 Not	sure			
Q94		OWCARD1	In the last one month,	· · · · · ·				
434	-	-	the doctor? w3_Q94	non onen ala yeu tak	e your mealeations as			
	1	All of the						
	2		ll of the time					
	3	Most of						
	4	About ha	alf of the time					
	5	Less thar	n half of the time					
Q95	[SHO	OWCARD]	How confident do you	feel that you are able t	to take your prescribed			
	[SHOWCARD] How confident do you feel that you are able to take your prescribed medications correctly? w3_Q95							
	1	Extreme	ly					
	2	2 Quite a bit						
	3	Somewh	at					
	4	A little b	it					
	5	Not at al						
Q96	At times do you (subject) forget to take your (subject's) prescription medications? w3_Q96							
	1	Yes						
	2 No							
	- <u>r</u>							
Q97	_		Read instructions above					
	-		Please ask only if a pro		• •			
	Have you ever been involved in giving any prescription medications to the subject? w3_Q97							
		Yes <b>[Go to</b>	0981					
		-	-	lent that this marks th	e end of the questionniare.			
		-	respondent for his or h					
[Interv	iewer:	The subse	quent questions are to	be asked from a proxy	only if he or she reports being			
ever in	volved	in giving d	any prescription medica	ations to the subject (i.	e. Response to Q97= 1 (Yes).			
Note th	hat for	Q98 to Q1	04, the proxy has to re	spond as himself or he	rself and NOT on behalf of the			
subject	:].							
-			is eligible for respondir		· · · ·			
			ext set of questions as	yourself and NOT on b	ehalf of the subject.			
-		Proxy, if e						
Q98	The	next few o	questions pertain to yo	ur reading ability				

		(i) Are you (subject) able to <u>read</u> in	(ii) Can you read this language well enough to understand a daily newspaper written in it?	(iii) If Yes, would you say that you can read the newspaper
	(a) English	1 Yes [go to (ii)]	1 Yes <b>[go to (iii)]</b>	1 A little
		2 No [go to (b)]	2 No [go to (b)]	2 Some
		w3_Q98AI	w3_Q98AII	3 Completely
				w3_Q98AIII
	(b) Chinese	1 Yes [go to (ii)]	1 Yes [go to (iii)]	1 A little
		2 No [go to (c)]	2 No [go to (c)]	2 Some
		w3_Q98BI	w3_Q98BII	3 Completely
				w3_Q98BIII
	(c) Malay	1 Yes <b>[go to (ii)]</b>	1 Yes [go to (iii)]	1 A little
		2 No [go to (d)]	2 No [go to (d)]	2 Some
		w3_Q98CI	w3_Q98CII	3 Completely
				w3_Q98CIII
	(d) Tamil	1 Yes [go to (ii)]	1 Yes [go to (iii)]	1 A little
		2 No [go to (e)]	2 No [go to (e)]	2 Some
		w3_Q98DI	w3_Q98DII	3 Completely
				w3_Q98DIII
	(e) Are you a	ble to read in any other	1 Yes	
	language? w	3_Q98E	(Please specify: w3_Q	<b>38EO</b> )
			2 No	
MEDIC		Proxy, if eligible <u>)</u>		
Q99		ntly take any prescriptic	on medications on a regula	r basis? w3_Q99
	1 Yes	ta 01021		
Q100		to Q103] fferent prescription me	dications do you take on a	regular basis? w3 0100
QIUU	1	• •	O / 2 Don't know / 3 Not	-
Q101	[SHOWCARD		how often did you take yo	
		the doctor? w3_Q101		
	1 All of th			
		all of the time f the time		
		half of the time		
		an half of the time		
Q102	-		feel that you are able to ta	ke your prescribed
		correctly? w3_Q102		
	1 Extrem			
	2 Quite a 3 Somew			
	4 A little			

	5 Not at all	
Q102a	At times do you forget to take your prescription medications? w3_Q102A	
	1 Yes	
	2 No	
Q103	Have you ever been diagnosed by a medical professional with diabetes? w3_Q103	
	1 Yes	
	2 No	
	3 Not sure	
Q104	Have you ever been diagnosed by a medical professional with high blood pressure of	or
	hypertension? w3_Q104	
	1 Yes	
	2 No	
	3 Not sure	
HEALTH	ITERACY (of Subject, or of Proxy, if eligible)	
Q105	[SHOWCARD] How often do you have someone (like a family member, friend,	
	hospital/clinic worker, or caregiver) help you read hospital materials? w3_Q105	
	1 Always	
	2 Often	
	3 Sometimes	
	4 Occasionally	
	5 Never	
Q106	[SHOWCARD] How often do you have problems learning about your medical condit	ion
	because of difficulty understanding written information? w3_Q106	
	1 Always	
	2 Often	
	3 Sometimes	
	4 Occasionally	
	5 Never	
Q107	[SHOWCARD] How often are you unsure on how to take your medications correctly	
	because of problems understanding written instructions on the medication packet of	or
	bottle label? w3_Q107	
	1 Always	
	2 Often	
	3 Sometimes	
	4 Occasionally	
	5 Never <b>[Go to Q109]</b>	
Q108	[SHOWCARD] The last time you had problems understanding written instructions of	n the
	medication packet or bottle label <u>at home</u> , what did you do? <mark>w3_Q108</mark>	
	1 Sought help from a family member	
	2 Sought help from a maid / helper	
	3 Did not seek help from anybody and took the medicine	
	4 Did not seek help from anybody and did not take the medicine	
	5 Others (Specify:w3_Q108O)	
Q109	[SHOWCARD] How confident are you filling out medical forms by yourself? w3_Q109	9
	1 Extremely	
	2 Quite a bit	

	3 Somewhat	
	4 A little bit	
	5 Not at all	
Q110	[SHOWCARD] How	confident do you feel you are able to follow the instructions on the
	label of a medication	on packet or bottle? w3_Q110
	1 Extremely	
	2 Quite a bit	
	3 Somewhat	
	4 A little bit	
	5 Not at all	

# POST INTERVIEW: OBSERVATIONS OF THE INTERVIEWER

[Interviewer: Please fill in the following questions based on your observations during the interview.]

- Please record the language used to conduct the survey [MA]: (0=Not selected, 1=Selected)
  - 1 English w3\_L1C1 3 Malay w3\_L1C3

11

- 5 Others w3\_L1C15 (Please specify: w3\_L1C5O)
- 2 Mandarin w3\_L1C2 4 Tamil w3\_L1C4

Singapore Assessment for Frailty in Elderly - Building upon the Panel on								
He	For Official Use							
	Tor Official Ose							
		NC	DTE:					
RESP			ear in the dataset are ir by appear in the dataset					
SAFE-	PHASE CASE NO.:		NAME OF RESPONDENT	:				
				1 3 (anthropomet	ry)			
Going	to key in 3 (anthropom	netry) or end data o	entry? w3_SURVEY3	2 (NO anthropom	etry)			
[Interv	iewer: Fill in the foll	lowing informatio	n after you have complete	ed the questionnaire.	]			
INTER	VIEWER:		DATE OF INTERVIEW:	w3_DATE3				
TIME S	STARTED:		TIME ENDED:					
TOTAL	TIME TAKEN FOR M	IEASUREMENT:	w3_TIME3	MINUTES				
[Interv	iewer: Please includ	de time used by ti	he subject to attend to pe	rsonal affairs or to re	st.]			
			INTRODUCTION					
don't h conset proces SECT Equipm Now le which to rela Once t a flat s then p	esitate to ask. [Intervent form from the Rese ading (e.g. subject should be added by a subject and remain seated by a subject first should be added by a subject for a subject for a subject should be added by a subject should by a sub	viewer: Before b spondent. Subject hould at least be a RESSURE HEM-762 Monitor, rst activity. I'd lik your <i>left</i> arm. I w I and quiet during propriately on you up so that the cer on. The cuff will	Batteries te to measure your blood vould like to take three bl g the measurements. Firs ur arm and we are ready t nter of your upper arm is inflate and deflate auton	easurements, you mu least 3 of the 7 mea pressure using this ood pressure measu t, I will place the cuf o begin, I'll ask you t at the same height a	ust have a signed surements before monitor and cuff res. I will ask you f on your left arm. to lay your arm on s your heart. I will			
	neasures, I will give							
Q1.1	open sores or wou w3_M1_1	n relation to <u>left</u> a nds, or a significa	rm] Do you have a rash, a ant bruise where the bloo					
	1 Yes [Go to Q1 2 No [Go to Q2]	.2]						
Q1.2	Q1.2 <i>[Interviewer: Ask in relation to <u>right</u> arm]</i> Do you have a rash, a cast, edema (swelling) in the arm, open sores or wounds, or a significant bruise where the blood pressure cuff will be in contact? w3_M1_2							
	-	omplete this mea	sure, record the reasons	in Q4 and Go to Sect	ion B]			
	2 No							
Q2	Do you understand	I the directions fo	or this test? w3_M2					
	1 Yes							
	2 No [Do not co	omplete this meas	sure, record the reasons i	n Q4 and Go to Secti	on B]			

Q3	Do	you feel it would be safe for you to do this test? w3_M3
	1	Yes [Go to Q5]
	2	No [Do not complete this measure, record the reasons in Q4 and Go to Section B]
Q4	-	terviewer: Record why the respondent did not complete the blood pressure measurement] [MA]:
	(0	=Not selected; 1= selected)
	1	Respondent felt it would not be safe w3_M4C1
	2	Interviewer felt it would not be safe w3_M4C2
	3	Respondent refused or was not willing to complete the test w3_M4C3
	4	Respondent tried but was unable to complete test w3_M4C4
	5	Respondent did not understand the instructions w3_M4C5
	6	Respondent had a rash, a cast, edema, open sores or wounds, or significant bruise where the blood pressure cuff would contact Respondent's arm w3_M4C6
	7	Other w3_M4C7 (Specify:

#### **INSTRUCTIONS FOR ADMINISTERING BLOOD PRESSURE TEST:**

- a) Insert arm cuff plug into jack on the side of the monitor.
- b) Instruct Respondent to remove bulky clothing from upper left arm.
- c) Instruct Respondent to sit upright in a chair with his/her feet flat on the floor and place his/her upper arm on a table.
- d) Place the cuff on the Respondent's left arm approximately  $\frac{1}{2}$ " above the elbow. Position the green marker over the brachial artery on the inside of the arm.
- e) Press the sewn hook material firmly against the side of the cuff. [The cuff should make direct contact with the Respondent's skin]. The Respondent should easily be able to fit his/her index finger between the cuff and the arm.
- f) Instruct the Respondent to rest his/her arm comfortably on a support (like a table) with palm facing upward so the cuff is at the same level as the heart.
- g) Press the START/STOP button and instruct the Respondent to remain still. When the ♥ symbol appears on the display, press the START button. The cuff will begin to inflate automatically. Numbers will appear on the display and the ♥ symbol will blink.
- h) The cuff will then automatically deflate. The monitor will first display the SYSTOLIC and DIASTOLIC readings. RECORD time of reading and both SYSTOLIC and DIASTOLIC readings in chart below. Record the pulse identified by the letter P.
- i) Press the START/STOP button to repeat the measure. The cuff does not need to be removed or loosened in between readings. If you receive an error message, remove cuff, reposition and try again.
- j) Allow approximately 45 seconds to 1 minute between readings and repeat steps e ~ i two more times.

[Interv	iewe	r: Record m	easurements in ch	art.]					
Q5	Меа	asurement	Time of Readi	ing		Systolic Reading (High)	Diastolic R (Low		Pulse
			: am	/ pm	n	mmHg		mmHg	Р
	1 <sup>st</sup>		w3_M5_1T			w3_M5_1H	w3_M5_1L		w3_M5_1P
			:am	/ pm	n	mmHg		mmHg	Р
	2 <sup>nd</sup>		w3_M5_2T			w3_M5_2H	w3_M5_2L		w3_M5_2P
			:am	/ pm	n	mmHg		mmHg	Р
	3 <sup>rd</sup>		w3_M5_3T			w3_M5_3H	w3_M5_3L		w3_M5_3P
Q6	[Int	erviewer: R	ecord which arm w	as us	sed	to conduct the meas	urements]: w	/3_M6	
	1	Left arm		2	Rię	ght arm			
Q7	[Int	erviewer: R	ecord how complia	nt th	e Re	espondent was durin	g this measu	irement]:	w3_M7
	1	Responder	it was fully complian	t					
	2	Responder discomforts		from	full	y complying due to	illness, pain	, or othe	er symptoms or
	3	Responder	it was not fully comp	liant,	but	no obvious reason for	<sup>·</sup> this		
Q8	[Int	erviewer: Re	ecord what the Res	pond	dent	t's position was for th	his test]: <mark>w3</mark> _	M8	
	1	Standing		2	Sit	ting	3	Lying do	wn
							1		

Q9	-	erviewer: Record whether the 30 minutes prior to completin		oondent smoked, exercised, con blood pressure test]: w3_M9	isume	d alcohol or food within
	1	Yes	2	No	3	Don't know

## **SECTION B: SITTING & STANDING HEIGHT**

Equipment needed: Tape measure, Rafter's square, Self-adhesive note, Pencil

Next, I would like to measure your sitting and standing height. To complete this measurement, I'll be asking you to sit on a wooden chair/stool/box positioned near a wall or on the floor near a wall. I'll ask you to sit erect facing forward with the head level, the shoulders and upper arms relaxed, and forearms and hands resting on thighs. The thighs should be parallel, and the knees should be flexed 90° with the feet in line with the thighs. I will then place this rafter's square on top of your head and mark your height on this post-it note. Next I'll be asking you to take off your shoes and stand up against a wall. I will then place this rafter's square on this post-it note.

Q10		terviewer: Ask only if necessary] fore we begin, do you feel you are able to stand while we do this measurement? w3_M10
	1	Yes
	2	No [Do not complete standing height measurement, but proceed for sitting height]
Q11	Do	you understand the directions for this measurement? w3_M11
	1	Yes
	2	No [Do not complete this measure, record the reasons in Q13, and Go to Section C]
Q12	Do	you feel it would be safe for you to do this test? w3_M12
	1	Yes [Go to Q14]
	2	No [Do not complete this measure, record the reasons in Q13, and Go to Section C]
Q13	[In	terviewer: Record why the Respondent's height was not measured] [MA]:
	(0	=Not selected; 1= selected)
	1	Respondent felt it would not be safe w3_M13C1
	2	Interviewer felt it would not be safe w3_M13C2
	3	Respondent refused or was not willing to complete the measurement w3_M13C3
	4	Respondent tried but was unable to complete measurement w3_M13C4
	5	Respondent did not understand the instructions w3_M13C5
	6	Respondent too tall, interviewer could not reach w3_M13C6
	7	There was no suitable space available w3_M13C7
	8	Other w3_M13C8
		(Specify): w3_M13C8O

# INSTRUCTIONS FOR MEASURING SITTING HEIGHT

- a) Ask Respondent to sit on a flat chair, box, and stool or on the floor. The chair should preferably not be cushioned.
- b) Make sure Respondent is sitting up as straight and comfortable as possible facing forward with the head level, the shoulders and upper arms relaxed, and forearms and hands resting on thighs. The thighs are parallel, and the knees are flexed 90° (if sitting on an elevated surface) with the feet in line with the thighs.

Place a self-adhesive note on the wall near the top of the Respondent's head.

c) Position your rafter's square against the wall directly over the Respondent's head. It should be parallel to
 d) the floor, resting on the Respondent's head but not pressing on it.

Make a mark on the self-adhesive note at the bottom of the rafter's square.

i)

e) Now, position your rafter's square to make a similar mark for the sitting surface. If the sitting surface is
 f) cushioned, then position your rafter's square to make a mark near the middle of the cushion.

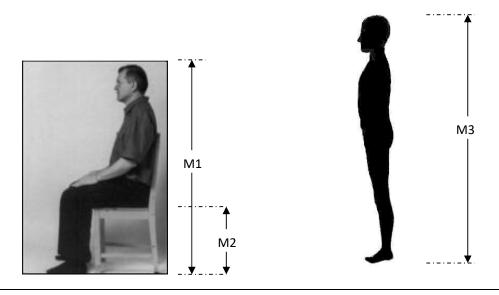
Measure the vertical distance between the top of the head and the floor (Measurement 1).

g) Measure the vertical distance between the sitting surface and the floor with the measuring tapeh) (Measurement 2).

Record Respondent's height in **cm** on self-adhesive note on the wall and remove it from the wall.

### INSTRUCTIONS FOR MEASURING STANDING HEIGHT

- a) Ask Respondent for location to conduct measurement.
- b) Make sure Respondent is standing up as straight and comfortable as possible with his/her heels and shoulders as close to the wall as comfortable.
- c) Place a self-adhesive note on the wall near the top of the Respondent's head.
- d) Position your rafter's square against the wall directly over the Respondent's head. It should be parallel to the floor, resting on the Respondent's head but not pressing on it.
- e) Make a mark on the self-adhesive note at the bottom of the rafter's square.
- f) Ask the Respondent to move away from the wall.
- g) Position the tape measure under a door jam, floor molding or your foot and measure from the floor to the mark on the self-adhesive note.
- h) Record Respondent's height in **cm** on self-adhesive note on the wall and remove it from the wall. (Measurement 3)



Q14	Measurement 1 (M1)	Height		
	Distance from top of head to the floor (Sitting position)	cm w3_M14		
Q15	Measurement 2 (M2)	Height		
	Distance from sitting surface to the floor	cm w3_M15		

Q17		Measurement 3 (M3)	Standing Heigh	nt				
		tance from top of head to floor (Standing position)	w3_M17	cm				
Q18	[Into	rviewer: Record what the	Respondent was sit	tina o	n7: w3 M18			
QIU	1	Floor		4	Stool			
	2	Chair without cushion		5	Box			
	3	Cushioned chair		6	Other			
					(Please specify:w3_M18O)			
Q19	19 [Interviewer: Record the type of floor surface]: w3_M19							
	1	1 Linoleum / wood / ceramic / marble			Concrete			
	2	Low-pile carpet			Not sure			
	3	High-pile carpet			Other			
					(Specify): w3_M19O			
Q20	[Inte	rviewer: Record if Respon	ndent was wearing s	hoes d	during the measurement]: w3_M20			
	1	Yes	2 No					
Q21	[Inte	rviewer: Record how com	pliant the Responde	ent wa	s during this measurement]: w3_M21			
	1	Respondent was fully com	pliant					
	2	Respondent was prevente discomforts	d from fully complying	g due t	o illness, pain, or other symptoms or			
	3	Respondent was not fully	compliant, but no obv	ious re	eason for this			
SECT		C: WAIST CIRCUMFE	RENCE					
Equipm	nent ne	eeded: Soft Tape measure						
measu navel over y approp	Next I'm going to ask you to perform a simple measurement of your waist circumference. For this measurement it is important for you to be standing. I will ask you to identify where on your body your navel (belly button) is located. I will then ask you to place this cloth measuring tape around your waist, over your clothing, holding it securely at the level of your navel. Once the tape measure is placed appropriately around your waist then we are ready to begin. I will ask you to take a normal breath and exhale, holding your breath at the end of the exhale. I will then record the measurement.							
[Interv	iewer:	Demonstrate the measur	ement.]					
Q22	Do y	ou understand the direction	ons for this measure	ement	? w3_M22			
	1	Yes						
	2	No [Do not complete this	s measure, record th	ie reas	ons in Q24, and Go to Section D]			
Q23	Do y	ou feel it would be safe fo	r you to do this test	? <mark>w3</mark> _	M23			
	1	Yes <b>[Go to Q25]</b>						
	2	No [Do not complete this	s measure, record th	ie reas	ons in Q24, and Go to Section D]			

Q24	[Inte	erviewer: Record why the Respondent's waist was not measured] [MA]:
	( <mark>0</mark> =	Not selected; 1= selected)
	1	Respondent felt it would not be safe w3_M24C1
	2	Interviewer felt it would not be safe w3_M24C2
	3	Respondent refused or was not willing to complete the measurement w3_M24C3
	4	Respondent tried but was unable to complete measurement w3_M24C4
	5	Respondent did not understand the instructions w3_M24C5
	6	Respondent is not able to stand w3_M24C6
	7	Other w3_M24C7
		(Specify):w3_M24C7O

### INSTRUCTIONS FOR MEASURING WAIST CIRCUMFERENCE

- a) Instruct Respondent to remove bulky clothing.
- b) Respondent should be in the standing position and measuring tape should be applied over the clothing around the waist at the level of the navel.
- c) Ask Respondent to point to his/her navel.
- d) Instruct Respondent to place the tape around his/her waist at the level of the navel. The Respondent should hold tape in place at the navel. The tape should be snug but not tight. If the Respondent is not able to put the tape around his/her waist, you may have them hold one end of the tape measure at their navel, and walk around the Respondent with the other end.
- e) Check that the tape is horizontal all away around the Respondent.
- f) Instruct Respondent to take a normal breath and exhale holding breath at end of exhale.
- g) Read the measurement on the tape after the Respondent exhales. Record measurement to nearest **0.1cm** in the chart below (e.g. 30.1 cm).

[Interv	viewer: Record m	easurements in chart.]	
Q25	Measurement	Waist Measurement	
	1 <sup>st</sup>	cm <mark>w3_M25</mark>	
(Crea off is g is ≥ 8 0: No 1: Pre	gender specific, l 0.0) obesity esence of obesity	based on Asia-Pacific guidelines	esity, dichotomous. <i>Note</i> : Abdominal obesity cut . For males, cut off is ≥ 90.0. For females, cut off <u>s/Redefiningobesity.pdf</u>
Q26	[Interviewer: R	ecord the difficulties that occurre	d during this measurement] [MA]:
	(0 =Not selecte	ed; <b>1=</b> selected)	
	1 None w3		

	2	Respondent had breathing difficulties w3_M26C2
	3	Respondent was unable to hold breath at the end of the exhale w3_M26C3
	4	Respondent was prevented from giving full effort by illness, pain, or other symptoms or discomforts w3_M26C4
	5	Respondent did not appear to give full effort, but no obvious reason for this w3_M26C5
	6	Others w3_M26C6
		(Specify):w3_M26C6O
Q27	[Inte	erviewer: Record how compliant the Respondent was during this measurement]: w3_M27
	1	Respondent was fully compliant
	2	Respondent was prevented from fully complying due to illness, pain, or other symptoms or discomforts
	3	Respondent was not fully compliant, but no obvious reason for this
Q28	[Inte	erviewer: Record who completed the measurement]: w3_M28
	1	Respondent completed the measurement
	2	Interviewer completed the measurement
Q29	[Int	erviewer: Record whether the Respondent wore bulky clothing during this measurement]:
QZ9		M29
	1	Yes
	2	No

# **SECTION D: WEIGHT**

Equipment needed: Scale
Now, I'd like to measure your weight. To measure

230	Do you	u understand	I the directions for this mea	surement? w3_M30			
	1	Yes					
	2 1	No <b>[Do not c</b>	omplete this measure, recor	d the reasons in Q32, and Go to Section E]			
Q31	Do you	u feel it woul	d be safe for you to do this	test? w3_M31			
	1	Yes <b>[Go to Q</b>	33]				
	2 1	No <b>[Do not c</b>	omplete this measure, recor	d the reasons in Q32, and Go to Section E]			
Q32	[Interv	iewer: Reco	rd why the Respondent's we	eight was not measured] [MA]:			
	( <mark>0</mark> =No	ot selected;	1= selected)				
	1	Respondent f	elt it would not be safe w3_M	32C1			
2 Interviewer felt it would not be safe w3_M32C2				2C2			
	3 Respondent refused or was not willing to complete the measurement w3_M32C3						
	4 I	Respondent t	ied but was unable to comple	te measurement w3_M32C4			
	5 I	Respondent c	id not understand the instruct	ions w3_M32C5			
	6 1	Respondent is	s not able to stand w3_M32C	6			
	7 (	Other w3_M3	32C7				
	(	(Specify): w3_M32C7O					
			INSTRUCTIONS FOR	MEASURING WEIGHT			
a)	Ask Re	espondent for	location to conduct measurer	nent – a hard-surface floor or thin pile carpet.			
b)	Make s	sure Respond	ent's shoes are off or ask him	/her to remove shoes.			
c)	Ask Re	espondent to	remove heavy objects from po	ockets and/or heavy sweaters as needed.			
d)		-	u can see display while Respo	-			
e)			hiddle of scale with foot, and w	vait for 000.0 to appear.			
f)		-	stand on scale.	х.			
g)		-	's weight (to the nearest 0.1 k				
h)	Respo	ndent can sit	down and put shoes back on.				
[Interv	viewer: F	Record meas	urements in chart.]				
Q33	Measu	irement	Weight				
		1 st	kg <mark>w3_M33</mark>				

Q35 Q36	[Inte	Yes erviewer: Record how compliant the Respondent was fully compliant	2 Respo	No No nodent was during this measurement]: w3_M35 complying due to illness, pain, or other symptoms or		
	[Inte 1 [Inte 1	Yes erviewer: Record how compliant the Respondent was fully compliant	2 Respo	No		
	[Inte	Yes erviewer: Record how compliant the	2	No		
Q35	[Inte	-	-			
Q35	[Inte	-	-			
035		erviewer' Record if Respondent was	weari	ng shoes during the measurementl: w3_M35		
	-					
	3	High-pile carpet	6	Other (Specify): w3_M34O		
	2	Low-pile carpet	5	Not sure		
	1	Linoleum / wood / ceramic / marble	4	Concrete		
Q34	[Inte	erviewer: Record the type of floor su	rface]	: w3_M34		
Refer	ence:	http://www.who.int/nutrition/publica	ions/	bmi asia strategies.pdf		
1: Uno 2: No 3: Pre	ted va derwe rmal v e-obes		ccord	ling to WHO Asian classification, categorical)		
		http://apps.who.int/bmi/index.jsp?in	liopa			
	,	,		manimum 2 hours		
		se (BMI = 25.0-29.9) 3MI ≥ 30.0)				
2: No	rmal v	veight (BMI = 18.5 – 24.9)				
		ariable: Summary measure of BMI a sight (BMI <18.5)	ccord	ling to WHO simple classification, categorical)		
w3_b	mi_w	hosimple				
Refer	ence:	http://apps.who.int/bmi/index.jsp?in	<u>troPa</u>	ge=intro_3.html		
		lass III (BMI ≥ 40.0)				
	Obese Class I (BMI = 30.0-34.9) Obese Class II (BMI = 35.0-39.9)					
	Pre-obese (BMI = 25.0-29.9)					
<b>.</b>	Normal weight (BMI = $18.5 - 24.9$ )					
		e thinness (BMI = 16-16.9) ness (BMI = 17-18.4)				
3: Mile		hinness (BMI < 16.0)	00010			
1: Sev 2: Mo 3: Mile		anabie. Ourninaly measure of bivit a	ccord	ling to WHO detailed classification, categorical)		

# SECTION E: HAND STRENGTH

Equipment needed: Dynamometer

Now I would like to assess the strength of your hand in a gripping action. I will ask you to squeeze this handle as hard as you can, just for a couple of seconds and then let go. I will take alternately two measurements from your right and your left hands.

[Interviewer: Demonstrate the test.]

Q37	Before we begin, I'd like to make sure it is safe for you to do this test. Have you had surgery or experienced any swelling, inflammation, severe pain, paralysis or injury in one or both hands within the last 6 months? w3_M37											
	1	Yes 2 No [Go to Q39]										
Q38		which hand (have you had surgery or experienced any swelling, inflammation, severe pain, alysis or injury in the last 6 months)? w3_M38										
	1	Both hands [Do not complete this measure, record the reasons in Q41, and Go to Section F]										
	2	Left hand only [Do not perform test on left hand]										
	3	Right hand only [Do not perform test on right hand]										
Q39	Do	you understand the directions for this test? w3_M39										
	1	Yes										
	2	No [Do not complete this measure, record the reasons in Q41, and Go to Section F]										
Q40	Do you feel it would be safe for you to do this test? w3_M40											
	1	Yes										
	2	No [Do not complete this measure, record the reasons in Q41, and Go to Section F]										
Q41	[Interviewer: Record why the Respondent did not complete the hand strength test] [MA]: (0 =Not selected; 1= selected)											
	1	Respondent felt it would not be safe w3_M41C1										
	2	Interviewer felt it would not be safe w3 M41C2										
	3	Respondent refused or was not willing to complete the test w3_M41C3										
	4	Respondent tried but was unable to complete test w3_M41C4										
	5	Respondent did not understand the instructions w3_M41C5										
	6	Respondent had surgery, injury, swelling, inflammation or severe pain in both hands w3_M41C6										
	7	Other w3_M41C7										
		(Specify):										

		INSTRU	CTIONS FOR AL	DMI	NISTERING THE	HAND ST	RENC	GTH TEST			
a)	Sugg	est Respor	ndent removes rings	or of	her hand jewellery.						
b)	Posit	ion the Res	pondent correctly, s	tand	ng with arm at side.						
c)	Adjus	st dynamon	neter to hand size by	/ adji	usting the knob.						
d)	Rese	t arrow at z	zero.								
e)	Expla	ain the proc	edure once again.								
f)	Let F	Respondent	have a practice with	n thei	r dominant hand.						
g)	Rese	t the marke	er and repeat for a to	otal o	f two tries.						
h)	Reco	ord measure	ements to <b>the neare</b>	st 0.	5 kilogram in the ta	ble below. (e.g	g., 10.	ōkg)			
Q42	Whic	h hand do	you normally use?	? w3	_M42						
	1	Right han	d								
	2	Left hand									
	3	Both hand	ls equally dominant								
_			easurements in ch								
Q43	Meas	surement	Let	ft Ha	nd	Right Hand					
		1st	: kg <b>v</b>	: kg <mark>w3_M43_1L</mark>			:kg w3_M43_1R				
		2nd	: kg <b>\</b>	w3_N	143_2L	:kg w3_M43_2R					
		m_highes riable: Hig	st hest recorded valu	e of	dominant hand gr	ip strength, c	ontinu	uous.)			
		<b>m_mean</b> riable: Mea	an value of domina	ant h	and grip strength,	continuous.)					
		ndom_hig riable: Hig	<mark>ghest</mark> hest recorded valu	e of	non-dominant har	nd grip streng	jth, co	ontinuous.)			
		ndom_me riable: Mea	<mark>ean</mark> an value of non-do	mina	ant hand grip stren	igth, continuc	ous.)				
			e was based on the , the higher of the tv			2_M42. If the	respo	ndent indicated "3 – B	Soth		
Q44	[Inte		ecord how much ef	fort	the Respondent ga	ive to this tes	st]: <mark>w3</mark>	_M44			
	1	Responde	ent gave full effort								
	2	Responde	ent was prevented fro	om g	iving full effort by illr	ness, pain, or c	other s	ymptoms or discomfort	ts		
	3	Responde	ent did not appear to	give	full effort, but no ob	vious reason f	for this	;			
Q45	[Inte	rviewer: R	ecord what the Res	pon	dent's position wa	s for this test	]: w3_	M45			
	1	Standing		2	Sitting		3	Lying down			

Q46	-	rviewer: Record whether the est]: <mark>w3_M46</mark>	Res	pondent rested his / her arm o	on a si	upport while performing
	1	Yes	2	No		

# SECTION F: CHAIR STAND TEST

[Interviewer: Respondents who are age eligible for this test are expected to participate, unless they specifically decline for personal or medical reasons, or there is no appropriate chair or space to do the test. A determination of desirability and safety needs to be made before start of this test.]

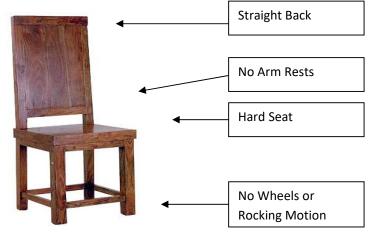
Equipment needed: Stop watch, pen or pencil, small hand towel or cloth, chair (from the respondent's home)

The chair should be placed against a wall to prevent it from moving as the respondent gets up and sits down repeatedly. The small hand towel or cloth should be draped over the back of the chair to avoid scratching the back of the chair or the wall. The chair, which you will ask the respondent to choose, should have the following characteristics:

- No arm rest
- Straight back
- Hard seat

It is very important NOT to use any type of folding chair, chair on wheels, or rocking chair. The reason that these chairs are not permitted is that they do not allow for safe movement (i.e. the chair may roll away or fold up). If no hard straight-backed chair without armrest is available, it is acceptable to use a soft chair or a chair with armrest. However, if at all possible, avoid also a very soft or deep chair (e.g. couch, other sofa chair), because it can impede quick movement up and down.

#### Appropriate Chair





INITIAL TEST									
Now I would like to test whether you can stand up from a chair without using your hands. First, I									
want to make sure it is safe to carry out the test. Do you have any problems from recent surgery,									
injury, or other health conditions that might prevent you from taking this test? w3_M47A									
1 No apparent restriction [Go to Q48]									
2 Cannot do the test [Do not complete this measure, answer question Q47b, and Go to Section G]									
[Interviewer: Record why the respondent cannot not do the initial test] [MA]: (0 =Not selected; 1= selected)									
Respondent felt it would not be safe w3_M47B1									
Interviewer felt it would not be safe w3_M47B2									
Respondent refused or was not willing to complete the measurement w3_M47B3									
Respondent did not understand the directions for this measurement w3_M47B4									
Respondent is not able to stand w3_M47B5									
Other w3_M47B6 (Specify):w3_M47B6O									
Please stand up straight from the chair as QUICKLY as you can, without stopping in between. Keep your arms folded across your chest. w3_M48									
1 Can stand up from the chair without using hands [Go to Q49]									
2 Uses hands to stand up from the chair [Do not complete this measure, and Go to Section G]									
3 Cannot do the test [Do not complete this measure, and Go to Section G]									

## INSTRUCTIONS FOR CHAIR STAND TEST

- a) Please conduct this test only for those individuals who were able to do the **INITIAL TEST** without using their hands.
- b) Once you have identified a suitable chair and secured it against the wall, you should ensure that there is adequate space in front of the chair to allow both for you to stand in front of the respondent and leave sufficient space between you and the respondent, so that the respondent does not feel that you are in the way or impeding his or her ability to stand.
- c) A stop watch is used to measure the time (in seconds) it takes a person to stand up from a sitting position <u>five times</u>, while holding the arms crossed over the chest. Only one timed measure is taken per person. The result is recorded.
- d) You first need to demonstrate the test to the respondent. Next, ask the respondent to cross the arms across his or her chest and stand up <u>one</u> time. After confirming that the respondent feels it is safe to proceed and you observe that the respondent is able to do this <u>without using his or her arms</u>, you proceed to carry out the test. Be sure to read the directions precisely as they are provided below, stressing that the respondent should do this exercise as quickly as he or she can.
- e) You should stand in front of the respondent and be prepared to catch him or her if he or she falls forward, but you should stand far enough away so that you are not getting in the way of ('crowding') the respondent and slowing him or her down.
- f) Say the following to the Respondent "Please stand up straight as QUICKLY as you can, without stopping in between. After standing up each time, sit down and then stand up again. Keep your arms folded across your chest. I'll be timing you with a stopwatch".
- g) When the participant is properly seated, say: *Ready? Stand* and begin timing
- h) Timing with the stop watch begins as soon as the interviewer finishes saying "Ready, stand." You actually start the stop watch as soon as you have finished saying 'Ready, stand'.
- i) Count out loud as the participant arises each time. Stop if participant becomes tired or short of breath during repeated chair stands.
- j) Stop the stopwatch as soon as the respondent has straightened out at the end of the 5<sup>th</sup> stand. You should count out loud "one, two, three, four, five" each time the respondent stands up.
- k) Also stop:
  - -- If participant uses his/her arms
  - -- After 1 minute, if participant has not completed risen
  - -- At your discretion, if concerned for participant's safety
- I) If the participant stops and appears to be fatigued before completing the five stands, confirm this by asking "Can you continue?" If participant says "Yes," continue timing. If participant says "No," stop the test.
- m) If the respondent does not complete all five stands it should be considered a non-completed test. Similarly, if the respondent cannot do the test without the use of his or her arms, it should be considered a non-completed test.
- n) Record time in seconds/hundredths (e.g. 16.52):

Q49	[Int	erviewer: Record if test	was completed successfully or not] w3	_M49								
	1	Test completed successfully										
		Measurement Time										
		1st	(seconds) w3 M49 1									
				I								
	2	Non-completed test										
Q50	[Int	erviewer: How complian	t was respondent during this measurer	nent?]: w3_M50								
	1	Respondent was fully co	mpliant									
	2	Respondent was prevent discomforts	ed from fully complying due to illness, pai	n, or other symptoms or								

		G: TIMED WALK TEST r: Respondents who are age eligible for this test are expected to participate, unless they									
		decline for personal or medical reasons, or there is no space to do the test. A determination									
of de	sirabil	ity and safety needs to be made before start of this test.]									
Equij	pment	needed: Stop watch, tape measure, masking tape									
Q51	-	<i>OWCARD]</i> Next, I would like to test whether you can walk a very short distance comfortably. t, I want to make sure it is safe to carry out the test. Do you have any problems from recent									
	surg	jery, injury, or other health conditions that might prevent you from <u>walking on your own</u>									
	with	<u>out human assistance</u> ? (Using a walking stick or other aid if necessary is acceptable) <mark>w3_M51</mark>									
	1       I am able to walk on my own without human assistance, using a walking stick or other aid if necessary [Go to Q52]										
	2	I am unable to walk on my own without human assistance because of recent surgery [Do not complete this measure, record the reasons in Q54, and End]									
	3	I am unable to walk on my own without human assistance because of injury [Do not complete this measure, record the reasons in Q54, and End]									
	4	I am unable to walk on my own without human assistance because of other health condition(s) [Do not complete this measure, record the reasons in Q54, and End]									
tape. <i>[Inter</i> This cours	rviewe is our se two	nd a place where we can conduct the test. We will need a clear space about 2.5 meters long in eted area, if possible. I'm going to mark the start and finish lines for the walk with masking <i>r: Set up the course (2.5 Meters or 98.5 Inches )]</i> walking course. I am going to time you as you walk the course. I will be asking you to walk the times. I'll walk along side you the whole time during the test. Now I'd like to demonstrate how									
tape. <i>[Inter</i> This cours to do	rviewe is our se two the te	eted area, if possible. I'm going to mark the start and finish lines for the walk with masking r: Set up the course (2.5 Meters or 98.5 Inches )] walking course. I am going to time you as you walk the course. I will be asking you to walk the									
tape. <i>[Inter</i> This cours to do	rviewe is our se two the te rviewe	eted area, if possible. I'm going to mark the start and finish lines for the walk with masking r: Set up the course (2.5 Meters or 98.5 Inches )] walking course. I am going to time you as you walk the course. I will be asking you to walk the times. I'll walk along side you the whole time during the test. Now I'd like to demonstrate how st. You will start by lining your feet up at the starting point. r: Demonstrate the test]									
tape. [ <i>Inter</i> This cours to do [ <i>Inter</i>	rviewe is our se two the te rviewe	eted area, if possible. I'm going to mark the start and finish lines for the walk with masking r: Set up the course (2.5 Meters or 98.5 Inches )] walking course. I am going to time you as you walk the course. I will be asking you to walk the times. I'll walk along side you the whole time during the test. Now I'd like to demonstrate how st. You will start by lining your feet up at the starting point.									
ape. <i>[Inter</i> This cours to do <i>[Inter</i>	rviewe is our se two the te rviewe Do y	eted area, if possible. I'm going to mark the start and finish lines for the walk with masking r: Set up the course (2.5 Meters or 98.5 Inches )] walking course. I am going to time you as you walk the course. I will be asking you to walk the times. I'll walk along side you the whole time during the test. Now I'd like to demonstrate how st. You will start by lining your feet up at the starting point. r: Demonstrate the test] rou understand the directions for this test? w3_M52									
tape. [ <i>Inter</i> This cours to do [ <i>Inter</i>	rviewe is our se two the te rviewe Do y 1 2	eted area, if possible. I'm going to mark the start and finish lines for the walk with masking r: Set up the course (2.5 Meters or 98.5 Inches )] walking course. I am going to time you as you walk the course. I will be asking you to walk the times. I'll walk along side you the whole time during the test. Now I'd like to demonstrate how st. You will start by lining your feet up at the starting point. r: Demonstrate the test] rou understand the directions for this test? w3_M52 Yes									
rape. [Inter Chis cours to do [Inter Q52	rviewe is our se two the te rviewe Do y 1 2	eted area, if possible. I'm going to mark the start and finish lines for the walk with masking         r: Set up the course (2.5 Meters or 98.5 Inches )]         walking course. I am going to time you as you walk the course. I will be asking you to walk the times. I'll walk along side you the whole time during the test. Now I'd like to demonstrate how st. You will start by lining your feet up at the starting point.         r: Demonstrate the test]         roou understand the directions for this test? w3_M52         Yes         No [Do not complete this measure, record the reasons in Q54, and End]									
rape. (Inter Chis cours to do (Inter Q52	rviewe is our se two the te rviewe Do y 1 2 Do y	eted area, if possible. I'm going to mark the start and finish lines for the walk with masking   r: Set up the course (2.5 Meters or 98.5 Inches )]   walking course. I am going to time you as you walk the course. I will be asking you to walk the times. I'll walk along side you the whole time during the test. Now I'd like to demonstrate how st. You will start by lining your feet up at the starting point.   r: Demonstrate the test]   rou understand the directions for this test? w3_M52   Yes   No [Do not complete this measure, record the reasons in Q54, and End]   rou feel it would be safe for you to do this test? w3_M53									
This Cours to do 252	rviewe is our se two the te rviewe Do y 1 2 Do y 1 2 [Inte	eted area, if possible. I'm going to mark the start and finish lines for the walk with masking   r: Set up the course (2.5 Meters or 98.5 Inches )]   walking course. I am going to time you as you walk the course. I will be asking you to walk the times. I'll walk along side you the whole time during the test. Now I'd like to demonstrate how st. You will start by lining your feet up at the starting point.   r: Demonstrate the test]   you understand the directions for this test? w3_M52   Yes   No [Do not complete this measure, record the reasons in Q54, and End]   yes [Go to Q55]									
This Cours to do 252	rviewe is our se two the te rviewe Do y 1 2 Do y 1 2 [Inte	eted area, if possible. I'm going to mark the start and finish lines for the walk with masking         r: Set up the course (2.5 Meters or 98.5 Inches )]         walking course. I am going to time you as you walk the course. I will be asking you to walk the times. I'll walk along side you the whole time during the test. Now I'd like to demonstrate how st. You will start by lining your feet up at the starting point.         r: Demonstrate the test]         rou understand the directions for this test? w3_M52         Yes         No [Do not complete this measure, record the reasons in Q54, and End]         rou feel it would be safe for you to do this test? w3_M53         Yes [Go to Q55]         No [Do not complete this measure, record the reasons in Q54, and End]         erviewer: Record why the respondent cannot perform the timed walk test] [MA]:									
rape. [Inter Chis cours to do [Inter Q52	rviewe is our se two the te rviewe Do y 1 2 Do y 1 2 [Inte (0 =	eted area, if possible. I'm going to mark the start and finish lines for the walk with masking   r: Set up the course (2.5 Meters or 98.5 Inches )]   walking course. I am going to time you as you walk the course. I will be asking you to walk the times. I'll walk along side you the whole time during the test. Now I'd like to demonstrate how st. You will start by lining your feet up at the starting point.   r: Demonstrate the test]   rou understand the directions for this test? w3_M52   Yes   No [Do not complete this measure, record the reasons in Q54, and End]   rou feel it would be safe for you to do this test? w3_M53   Yes [Go to Q55]   No [Do not complete this measure, record the reasons in Q54, and End]									

	4	Respondent tried but was unable to complete test w3_M54C4								
	5	Respondent did not understand the instructions w3_M54C5								
	6	Respondent had surgery, injury, or other health condition that prevented R from walking without human assistance w3_M54C6								
	7	No suitable space available w3_M54C7								
	8	Other <b>w3_M54C8</b> (Specify):w3_M54C8O								
		INSTRUCTIONS FOR WALKING SPEED TEST								
a)		re that the respondent is wearing appropriate footwear at this point. If not, ask Respondent to change s or to put shoes on.								
b)	Instru	ict Respondent to stand with his/her feet lined up to the front of the tape.								
c)	pace side walki you r	he following to the Respondent: I am going to time you as you walk the course at your normal I will be asking you to walk the course at your usual pace a total of two times. I'll walk along you the whole time during the test. I'd like you to stand here with your feet lined up. Start ing when I say 'Begin'. Walk all the way past the other end of the tape before you stop. Are ready to go now? Begin.								
d)	<u>Start</u>	the stop watch when either foot is placed down on the floor across the start line.								
e)	Walk behind and slightly to the side of the Respondent.									
f)	Stop the stopwatch when Respondent's foot crosses the tape and touches the floor. Record the time in chart below.									
g)	and g	at the measurement: Now I want you to repeat the walk. Remember to walk at your usual pace go all the way past the other end of the course. I'd like you to stand here with your feet lined tart walking when I say 'Begin'. Are you ready to go now? Begin.								
Q55	Walkin	g Speed Time Measurement #								
		ting Speed Time Measurement 1 (seconds) w3_M55_1								
	Walk	ting Speed Time Measurement 2 (seconds) w3_M55_2								
Q56	[Inter	rviewer: Record type of aid used]: w3_M56								
	1	None								
	2	Walking stick, cane or umbrella								
	3	Elbow crutches								
	4	Walking frame								
	97	Other (Specify): w3_M560								
Q57	[Inter	viewer: How compliant was respondent during this measurement]: w3_M57								
	1	Respondent was fully compliant								
	2	Respondent was prevented from fully complying due to illness, pain, or other symptoms or								
		discomforts								
	3	Respondent was not fully compliant, but no obvious reason for this								
		Thank you very much for your cooperation & have a nice day!								

Singapore Assessment for Frailty in Elderly - Building upon the Panel on Health and Aging of Singaporean Elderly, 2015 (SAFE-PHASE, 2015)												
		De	eced	lent	Questic	onnair	<u>e</u>					
<u>NOTE</u> : VARIABLE NAMES, as they appear in the dataset are in RED font RESPONSE CATEGORY CODES, as they appear in the dataset are in BLUE font												
SAFE-PHASE CASE NO.: NAME OF RESPONDENT (NEXT-OF- KIN):												
				,	SUBJE	CT (ELC	ERLY	):				
I												
Type of respondent	t w3_TYPE									UBJECT, <mark>2</mark> = XY, <b>3</b> =DECEDENT		
Coing to key in 1 (screener) or key in 4 (decedent)2 w3 SUBVEY1										(screener/main), <b>2</b> = cedent)		
[Interviewer: Fill in	n the following	informatio	n aft	er yoı	u have co	omplete	d the	questionn				
CONTACT NO.:							(0)			(HP/PGR)		
INTERVIEWER:			DATE OF INTERVIEW: w3_DATE1					DATE1				
TIME STARTED:			TI	ME EI	NDED:		•					
TOTAL TIME TAKE		IEW:	w3_	TIME1				MINUTES	6			
[Interviewer: Plea	se include time	used by t	ne su	bject	to atten	d to per	sonal	affairs or t	to rest	.]		
NUMBER OF VISI w3_VISIT1	TS: 1 <sup>st</sup> VISIT	/	2 <sup>nd</sup> VIS T	/	3 <sup>rd</sup> VIS	T / 4	⁴ <sup>th</sup> VIS	IT /	5 <sup>th</sup> VISIT			
				NTRO	DUCTIC	N						
Good morning / at												
conducting a follow 2009, and Panel or				•	•		Social	solation, H	ealth a	and Lifestyles Survey,		
We understand that could spare some t		-		surve	ys has pa	assed a	way. H	lowever, w	e woul	ld appreciate it if you		
	ow-up survey w	vill help us t	o stu	idy the	e social,	econom	ic and	health cha	anges	answer the following in individuals as they es.		
uncomfortable ans confidential and th	wering. Please	be assured data will b	that e rej	your ported	identity a	nd the	inform	ation given	by yo	uestions that you feel ou will be kept strictly at Tel:		

		ou to function as a proxy for the original participa ore they died. Please take the time to answer each											
P1		oxy's relationship with the subject) at is your relationship with (the subject)? w3_DP1											
	1	Spouse											
	2	Son											
	3	Daughter											
	4	Daughter-in-law											
	5	Son-in-law											
	6	Grandchild											
	7	Relative other than the aforementioned (please explain:w3_DP10)											
	8	Other (please explain:	)										
SECT	CTION 1: The circumstances surrounding the original participant's death												
Q1	On what date did (subject) pass away?												
	Pie	Please refer to variable: ByDec2015_Date_of_death for date of death											
02.4		IOWOADD 41 Did (outlinet) many outline to home in	<b>.</b> h.										
Q2.1		<i>IOWCARD 1]</i> Did (subject) pass away at home, in ce? w3_D2_1	a no	spital, a nursing nome, a nospice, or some other									
	1	Home	5	Hospice									
	2	Acute Care Hospital	6	Else Where									
	3	Community Hospital	7	Don't know									
	4	Nursing home or other Long-term care facility											
Q2.2	Wh	∣ ere was (subject) primarily cared for <u>in the last m</u>	onth	of his/her life? w3_D2_2									
	1	Home											
	2	Acute Care Hospital	7										
	3	Community Hospital											
	4	Nursing home or other Long-term care facility	Π										
	5	Hospice		[Go to Q5]									
	6	Else Where											
	7	Don't know											
Q3		Q2.2=1, a place of care is home then ask] When (s											
	he/	she get any services from a home hospice care a Yes 2 No	genc	y? w3_D3 3 Don't know									
Q4		Q2.2=1, a place of care is home then ask] When (s she get any services from a non-hospice home ca											
	1	Yes 2 No		3 Don't know									
Q5	Wh	at was the cause of (subject's) death? w3_D5											
	1	Cancer – all types	6	Stroke									
	2	Heart and circulatory disease	7	Dementia									
	3	Lung and breathing diseases	8	Frailty and decline due to old age									

	4	Kidney disease		9	)	Accide							
	5	Liver disease			1	0	Other	caus	e				
SECT	TION 2	: Marital status and living a	arrang	ement of the	e decea	ase	d						
Q6	At th	e time of death, what was	(subje	ct's) marital	status	;? w	/3_D6						
	1	Married			4		Separ	rated					
	2	Widowed			5		Never	<sup>-</sup> Mar	ried				
	3	Divorced											
		erested in whatever tempor t might have been made w											
		of his/her life.			-				ve in the home	where (aubient) was			
Q7		<u>e last month</u> of his/her life g in order to help out, and l						ιο π	ve in the nome	where (subject) was			
	1	Yes	2	No <b>[Go to</b>	Q9]			3	Don't know <b>[Go</b>	to Q9]			
Q8	Who was (were) this (these) person(s)? w3_D8												
	1	Child or grandchild of (su	bject)										
	2	Other relatives of (subject											
	3	Other non-relative											
Q9	In the last month of his/her life, did (subject) temporarily move in to live with someone? w3_D9												
	1	Yes	2	No <b>[Go to</b>	Q11]			3	Don't know <b>[Go</b>	to Q11]			
Q10	Who	se house did he/she move	into?	w3_D10									
	1	Child or grandchild of (su	bject)										
	2	Other relatives of (subject	t)										
	3	Other non-relative											
SECT	TION 3	: Health Status											
		like to know the health pro een related to said health p			ect) ha	d b	efore	pass	ing away, even v	when the death may			
Q11	Did a	a doctor or medical person	nel eve	er diagnose	(subje	ect)	with _		?				
Ailme	ent								Diagnosis				
					Yes				Νο	Not Sure			
а	Hear w3_D	t attack, angina, myocardial i <mark>11A</mark>	nfarctio	on,etc.	1				2	3			
b	Hear	t failure w3_D11B			1				2	3			
С	Othe	r forms of heart disease w3_I	D11C		1				2	3			
d	Cano	er (excluding skin cancer) w	3_D11D		1				2	3			
е	Cere	brovascular disease (stroke,	etc.) ۷	/3_D11E	1			2		3			
f	Dem	entia w3_D11F			1				2	3			
g	High	blood pressure w3_D11G			1				2	3			
h	Diabe	etes w3_D11H			1				2	3			
i	Resp w3_D	iratory illness (chronic, such <mark>11</mark> I	as astł	nma)	1				2	3			
j	Diges	stive illness (stomach or intes	stinal) v	v3_D11J	1				2	3			

k	Ren	Renal/kidney or urinary tract ailments w3_D11K					2			3		
I	Ailm	ents of th	e liver or gallbladder <mark>w3_</mark> D1	11L		1		2		3		
m	Frac	tures of th	ne hip, thigh, and pelvis <mark>w3</mark>	_D11M		1		2		3		
n		er, <mark>w3_D1</mark> 1				1		2		3		
		cify: <mark>w3_D</mark>	—									
Q1	-		fall down <u>in the last one</u>					3	<b>—</b>			
	1	Yes		2	No [	Go to Q15		w [Go to Q15]				
Q1	3 Hov	v many ti	mes did (subject) fall dow	/n <u>in t</u> l	ne las	t one year	of his/ her li	fe?	w3_D13			
		99 Don't Know/Can't remember										
Q1	4 In ti	nat fall/ In	any of these falls, did (s	ubject	) inju	re himself/	herself serio	usly e	nough to	need medical		
	trea	treatment? w3_D14           1         Yes         2         No         3         Don't know										
	1	Yes				3	Don't kno					
Q1			ou describe (subject's) s	tate of	heal	th in <u>the la</u>				D15		
	1						Somewhat u		ıy			
	2		er than average	5	Very unhealt	hy						
	3	Of aver	age health			6	Not sure					
SE	CTION	4: Assista	ance with Key Activities									
		ext set of ir passing	f questions, I'd like you f	to thin	k abo	out the ori	ginal partici	pant's	condition	in the last month		
Del		n passin	y away.									
[Int	terview	er: Ask a	~ g, repeating (i) to (iii) for e	each a	s app	ropriate.]						
Q1			(subject) find it difficult				out the ass	sistanc	e of a p	erson or assistive		
			e to your (subject's) heal cult", (i)=1] How difficult d	-	-		by him	solfor	horsolf?			
		-	<i>cult", (i)=1]</i> Did (subject) n	•								
								•	) Devrie e			
								Ass	sistance / I	Device		
									w3_D16FI3 s, human a	C1, 0 = Not		
Ac	tivities		Q16 (i) Difficult			6 (ii) lifficult?			w3_D16FI30 s, device as	<b>C2, 0</b> = Not		
			Dinicult									
							selected,		w3_D16FI30	C3, 0 = Not		
								0.4.4.		24 0 - Not		
								w3_D16Al3C4 to w3_D16Fl3C4, 0 = Not selected, 0 = Not sure				
a.	Take a showe	bath or r	<ol> <li>Difficult</li> <li>Not difficult [Go to b]</li> </ol>		omew ery dil	hat difficult	1. Yes, hu	man as	ssistance <mark>w</mark>	/3_D16AI3C1		
	31000	1	3. Not sure [Go to b]	3. U	nable	to perform	2. Yes, device assistance w3_D16AI3C2					
			w3_D16AI		ot sur D16AI			(Specify: w3_D16AI3C2O)				
1				w3_I	JIOAI	•	3. No w3_D16AI3C3 4. Not sure w3_D16AI3C4					

b.	Dress u	ıp	1. Difficult 2. Not difficu 3. Not sure w3_D16BI			1. Somewha 2. Very diffic 3. Unable to 4. Not sure w3_D16BII	cult perfor	m	2. Yes, de (Specify: 3. No w3 4. Not su	<ol> <li>Yes, human assistance w3_D16BI3C1</li> <li>Yes, device assistance w3_D16BI3C2</li> <li>(Specify: w3_D16BI3C2O)</li> <li>No w3_D16BI3C3</li> <li>Not sure w3_D16BI3C4</li> <li>Yes, human assistance w3_D16C3C1</li> </ol>				
с.	Eat		1. Difficult 2. Not difficu 3. Not sure w3_D16CI			<ol> <li>Somewhat</li> <li>Very diffic</li> <li>Unable to</li> <li>Not sure</li> <li>M3_D16CII</li> </ol>	cult perfor	ult 2. Yes, device assistance w3_D perform (Specify: w3_D16C3C2O) 3. No w3_D16C3C3 4. Not sure w3_D16C3C4				_D160	C3C2	
d.	Stand u a bed o sitting c a chair		<ul> <li>2. Not difficult [Go to e]</li> <li>3. Not sure [Go to e]</li> <li>w3_D16DI</li> </ul>			<ol> <li>Somewhat difficult</li> <li>Very difficult</li> <li>Unable to perform</li> <li>Not sure</li> <li>w3_D16DII</li> </ol>			<ol> <li>Yes, human assistance w3_D16DI3C1</li> <li>Yes, device assistance w3_D16DI3C2</li> <li>(Specify: w3_D16DI3C2O)</li> <li>No w3_D16DI3C3</li> <li>Not sure w3_D16DI3C4</li> </ol>					
e.	Walk (around house)	l the	<ol> <li>Not difficult [Go to f]</li> <li>Not sure [Go to f]</li> <li>w3_D16EI</li> </ol>			1. Somewha 2. Very diffic 3. Unable to 4. Not sure w3_D16EII	cult		<ol> <li>Yes, human assistance w3_D16EI3C1</li> <li>Yes, device assistance w3_D16EI3C2</li> <li>(Specify: w3_D16EI3C2O)</li> <li>No w3_D16EI3C3</li> <li>Not sure w3_D16EI3C4</li> </ol>					
f.	Use the toilet	sitting	<ol> <li>Difficult</li> <li>Not difficult</li> <li>Not difficult</li> <li>Q17]</li> <li>Not sure</li> <li>w3_D16FI</li> </ol>	-	]	1. Somewha 2. Very diffic 3. Unable to 4. Not sure w3_D16FII	cult		2. Yes, de (Specify: 3. No <b>w3</b> _	<ol> <li>Yes, human assistance w3_D16FI3C1</li> <li>Yes, device assistance w3_D16FI3C2</li> <li>(Specify: w3_D16FI3C2O)</li> <li>No w3_D16FI3C3</li> <li>Not sure w3_D16FI3C4</li> </ol>				
Q1		much ti vities?	me before th	e death of	(sub	ject) was h	e/she	no	longer able	e to c	lo at least one	e of th	ne abo	ove
			Months w3_D17M			Years w3_D17Y	1		on't know 2 NA (needed no assistance				ce)	
Q1	8 Abo	ut how n	nany days or	weeks bef	ore (	(he/she) die	ed did		w3_D17 bject] lose	cons	sciousness?			
			days w3_D18D			Weeks w3_D18W		1						
Q1	9 Abo	ut how lo	ong was (sub	ject) bedri	dden	h before he	/she pa	ass	ed away?	v3_D	19			
	1		an a day				5	F	From 3 mon	ths to	o under 6 mon	hs		
	2		days to unde				6				o under 1 year			
	3	From 1	week to unde	r 1 month			7	F	From 1 year	to u	nder 3 years			
	4	From 1	month to und	er 3 months	;		8		Over 3 year v3_D19O	s , Pl	ease explain:			Years
SE	CTION 5	: Heath	Care Utilizati	on										
			ask about (s		onta	ct with hea	lth pro	ofes	sionals an	d se	rvices			
Q2				• ,				-						
(i) During the <u>last one month before (subject)</u> passed away, did he/she …			No	Yes				times in the <u>l</u> e (subject's) c			onth			

a. see or talk to a private general practitioner (GP) or a doctor in a public or private hospital or a polyclinic for a health problem (subject) was facing? w3_D20AI				2	1	<b>→</b>	w3_D20A (99=DK/F	II RF/NO RESI	PONS	E)	Times
b. see or talk to a Traditional Chinese Medicine (TCM) practitioner or a traditional healer for a health problem (subject) was facing? w3_D20BI				IGo to	1	<i>→</i>	w3_D20B	11			Times
help wit	uring the <u>last six r</u> h a health problem?	2 w3_D21			d a	way	did he/sh	ie go to a h	ospita	al emergeno	<b>cy room</b> for
	es Iber of times in the		No [Go to Q2	-	(t) n		dowov				
			D=DK/RF/NO			a556	u away				
	<b>During the <u>last six</u></b> nitted, I mean he/sh					-					e hospital
	es	2	No <b>[Go to Q2</b>	23.1]		1					
Q 22.2											
	ber of Nights, over before (subject) p			ing <u>the last</u>	six	,	(ii) How	long was th	e last	admission	?
					Ni	ghts			Nigh	nts	
w3_D22_2I (999=DK/RF/NO RESPONSE)						w3_D22_22 (999=DK/RF/NO RESPONSE)					
Q23.1	In the <u>last two ye</u> w3_D23_1	<u>ars</u> befo	ore (subject)	passed aw	ay,	was	(subject)	ever admitt	ed to	a nursing h	ome?
	1 Yes		2 No [	Go to Q24]	1						
Q23.2	How many times two years before (999=DK/RF/NO F	he/she	passed away		ar	nursi	ng home	in the last	١	w3_D23_2	Times
Q23.3											
(i) Number of Nights, over all nursing (ii) V home admissions during <u>the last 2</u> to th			ii) When was (subject) admitte o the nursing home (If more th once, record most recent)			ore than	(iii) How long was (subject's) last admission?				
	Nights w3_D23_3I			ar <mark>w3_D233IY</mark> 999=DK/RF/NO RESPO onth w3_D233IM 9=DK/RF/NO RESPONS				Nights w3_D233l3			
Q24											

<ul> <li>(i) During the last <u>six months before</u> <u>the subject passed away</u>, was he/she admitted to a</li> <li>(By admitted, I mean he/she was kept in a hospice for at least one night in a hospice bed)</li> </ul>		Νο	Yes	(ii) Number of Nights, over all admissions <u>during the last six</u> <u>months</u> before subject's death	(iii) How long was the last admission?				
w3_D2		ospice?	2 [Go to Q25]	1 →	Nights w3_D24II	Nights w3_D24III			
Q25									
(i) During the last <u>six months before</u> <u>the subject passed away</u> , was he/she cared for by a		Νο	Yes	(ii) Number of times <u>during the last six months</u> before subject's death?					
a. home hospice service? w3_D25I		2 [Go to Q26]	1 →	w3_D25II times					
Q26	Did (subject) receive help from a maid/ foreign domestic worker/nurse in <u>last one month</u> before passing away? w3_D26								

#### w3\_Interviewer\_ID Interviewer ID

**w3\_Fieldwork\_revised** Fieldwork status for SAFE-PHASE (Wave 3) [Note: Status based on combination of fieldwork and MOH mortality databases]

- 11 Alive, Administered survey
- 12 Deceased, Administered decedent questionnaire
- 19 Deceased, Uncontactable of Next-of-Kin
- 31 Alive, Refused by Call/ Email
- 32 Deceased, Refused by Call/ Email
- 41 Alive, Refused Upon Visit
- 42 Deceased, Refused upon Visit

**991** Alive, Uncontactable (*Note: These include those uncontactable in the fieldwork, but were alive as of the date of last contact as per MOH databases*)

**992** Deceased, Uncontactable (*Note: These include those uncontactable in the fieldwork, but were dead as of the date of last contact as per MOH databases*)

w3\_Mortality Mortality status for SAFE-PHASE (Wave 3) [Note: Status based on fieldwork]

- 1 Alive (Note: This includes those who were uncontactable, but were alive as of the date of last contact as per MOH databases)
- 2 Deceased (Note: This includes those who were uncontactable, but were dead as of the date of last contact as per MOH databases)

**Dead\_by\_Dec\_2015** Mortality status, as at 31 December 2015 [Note: Status based on combination of fieldwork and MOH mortality databases]

- Alive at end-Dec 2015
- 1 Dead at end-Dec 2015

**ByDec2015\_Date\_of\_death\_15** Date of Death, for those dead by 31 December 2015, based on MOH databases (if available), and if not then decedent interview or imputed as mid-point of SIHLS interview date and PHASE contact date or mid-point of PHASE interview date and SAFE-PHASE last contact date. All values for "day" of death were imputed as the 15<sup>th</sup> of the month of death.