

NHATS Round 11: Last Month of Life

Section IS [INTERVIEW SETUP] Sequence: 1

BOX IS1 BOX IS1 NOT ON FILE

Do not set any flags or any status until there has been a response to RE3, and RE3 has been exited.
 If LIP Task, go to IS1.
 Else if PHONE ONLY Flag = 1 (Phone Only Interview), set IS1PRE = 2 (TELEPHONE) and go to IS1.
 Else if PHONE ONLY Flag = Blank go to IS1PRE.

IS1PRE IS1PRE NOT ON FILE

QUESTION TEXT:

ARE YOU CONDUCTING THIS INTERVIEW IN PERSON OR BY PHONE?

CODES

1 IN PERSON
 2 BY PHONE

IS1 IS1 NOT ON FILE

QUESTION TEXT:

YOU HAVE SELECTED CASE {CASED ID} FOR {SP}.
 IF THIS IS CORRECT, PRESS 1 AND ENTER TO CONTINUE
 TO SELECT ANOTHER CASE, BREAKOFF AND SELECT THE CORRECT CASE ID FROM THE IMS.

ENTER TEXT

Length 1

IS2 is11resptype R11 IS2 TYPE OF RESPONDENT
 op11proxy R11 IS2 PROXY

QUESTION TEXT:

SELECT TYPE OF RESPONDENT

CODES

1 SAMPLE PERSON (SP) BOX IS2C
 2 PROXY

PROGRAMMER INSTRUCTIONS:

If IS2=2 (PROXY), SET PROXY FLAG = 1 (YES) AND DISPLAY APROPRIATE PROXY DISPLAYS FOR ALL QUESTIONNAIRE ITEMS.

IS2A is11reasnprx7 R11 IS2A PROXY REAS DECEASED

QUESTION TEXT:

SPECIFY REASON FOR PROXY
 SELECT ALL THAT APPLY

CODES

1 DEMENTIA/COGNITIVE/MENTAL IMPARIMENT REPORTED BY PROXY BOX IS2C
 2 SP TOO ILL/MAJOR PHYSICAL HEALTH ISSUES BOX IS2C

3	SP SPEECH IMPAIRED	BOX IS2C
4	SP HEARING IMPAIRED	BOX IS2C
5	LANGUAGE BARRIER	BOX IS2C
6	SP TEMPORARILY UNAVAILABLE	IS2B2
7	SP DECEASED	BOX IS2C
91	OTHER (SPECIFY)	

PROGRAMMER INSTRUCTIONS:

Allow select all that apply.

If IS2A = 7 (DECEASED), display soft error message "YOU HAVE SELECTED SP DECEASED. IF SP IS STILL LIVING, SELECT A DIFFERENT OPTION. IF SP IS DECEASED, SELECT SUPPRESS TO CONFIRM."

If IS2A = 7 (DECEASED) AND 1-6 OR 91, display error message "INCONSISTENT ANSWER. SP DECEASED CANNOT BE SELECTED WITH OTHER PROXY REASONS."

If IS2A = 7 (DECEASED), set DECEASED flag = 1 (YES).

BOX IS2C

BOX IS2C

NOT ON FILE

If LIP Task, go to Section CD – Clock Drawing.
 If IS1PRE = 1 (IN PERSON) AND DECEASED FLAG <> 1, (SP IS ALIVE) SET CAPI PHONE = 3 (FIP).
 If IS1PRE = 2 (BY PHONE) AND DECEASED FLAG <> 1 (SP IS ALIVE) SET CAPI PHONE = 2 (LIP).
 If IS1PRE = 2 (BY PHONE) AND DECEASED FLAG = 1 (SP IS DECEASED), SET LML PHONE STATUS = 1 (PHONE).
 If IS1PRE = 1 (IN PERSON) AND DECEASED FLAG = 1 (SP IS DECEASED), SET LML PHONE STATUS = 2 (IN PERSON).
 If CASE IS A RESTART (CAPI STATUS CODE 12) AND IS2=1 (SP) AND (SP AUDIO ASSENT=1 (YES) OR SP AUDIO ASSENT=2 (NO)), GO TO IS3.
 ELSE IF CASE IS A RESTART (CAPI STATUS CODE 12) AND IS2=2 (PROXY) AND (PROXY AUDIO ASSENT=1 (YES) OR PROXY AUDIO ASSENT=2 (NO)), GO TO IS3.
 ELSE GO TO IS2C

IS2C

IS2C

NOT ON FILE

DISPLAY INSTRUCTIONS:

DO NOT DISPLAY RESPONSE CODES AND LABELS

QUESTION TEXT:

During the course of the study, we would like to record some of the questions and answers for training and data quality. I'd like to continue now, unless you have any questions.

PRESS 1 AND ENTER TO CONTINUE

IF RESPONDENT REFUSES TO ALLOW AUDIO RECORDING, PRESS 7 AND ENTER

CODES

1	CONSENT TO RECORDING	IS3
7	REFUSE CONSENT TO RECORD	IS2D

PROGRAMMER INSTRUCTIONS:

IF IS2c=1 (OK TO RECORD), SET AUDIORECORDING FLAG=1 (YES).
 IF RESPONDENT TYPE AT IS2=1 (SP), SET SPAUDIOASSENT FLAG=1 (YES).
 IF RESPONDENT TYPE AT IS2=2 (PROXY), SET PROXYAUDIOASSENT FLAG=1 (YES).
 ELSE IF IS2c=7 (REFUSED TO RECORD), SET AUDIORECORDING FLAG =2 (NO).

PROGRAMMER INSTRUCTIONS:

Display IS3a, 3b, and 3c on the same screen.

IS3B

IS3B

NOT ON FILE

DISPLAY INSTRUCTIONS:

Display "MIDDLE" in bold underlined text.

Display SP middle name in fill as bold underlined.

If IS2A=7 (SP DECEASED), display "was".
Otherwise, display "is".

QUESTION TEXT:

[What {is/was} the correct spelling of {your/SP's} full name?]

{FIRST NAME} {MIDDLE NAME} {LAST NAME}

CORRECT MIDDLE NAME. CONFIRM SPELLING

PRESS ENTER IF NO MIDDLE NAME OR INITIAL

ENTER TEXT

Length 25

PROGRAMMER INSTRUCTIONS:

Display IS3a, 3b, and 3c on the same screen.

Allow empty.

IS3C

IS3C

NOT ON FILE

DISPLAY INSTRUCTIONS:

Display "LAST" in bold underlined text.

Display SP last name in fill as bold underlined.

If IS2A=7 (SP DECEASED), display "was".
Otherwise, display "is".

QUESTION TEXT:

[What {is/was} the correct spelling of {your/SP's} full name?]

{FIRST NAME} {MIDDLE NAME} {LAST NAME}

CORRECT LAST NAME. CONFIRM SPELLING

ENTER TEXT

Length 25

PROGRAMMER INSTRUCTIONS:

Write corrected SP name to the person roster.

Set NameChanged field = YES if IS3= NO.

BOX IS8

BOX IS8

NOT ON FILE

Display IS8A, IS8B, and IS8C on the same screen.

Allow empty.

IS8C

IS8C

NOT ON FILE

DISPLAY INSTRUCTIONS:

Display "last" in bold underlined text.

QUESTION TEXT:

ENTER LAST NAME. CONFIRM SPELLING.

ENTER TEXT

Length

25

PROGRAMMER INSTRUCTIONS:

Display IS8A, IS8B, and IS8C on the same screen.

IS9

is11prxyrelat

R11 IS9 PROXY RELATIONSHIP TO SP

op11relatnshp

R11 RELASHIP TO SP UPDATE AND NEW

DISPLAY INSTRUCTIONS:

Display PROXY RELATIONSHIP CODE LIST.

QUESTION TEXT:

How are you related to {SP}?

IF NEEDED: Are you {his/her}....?

CODE RELATIONSHIP OF PROXY TO SP

PRESS F1 FOR HELP SCREEN

CODES

2	SPOUSE/PARTNER
3	DAUGHTER
4	SON
5	DAUGHTER-IN-LAW
6	SON-IN-LAW
7	STEPDAUGHTER
8	STEPSON
9	SISTER
10	BROTHER
11	SISTER-IN-LAW
12	BROTHER-IN-LAW
13	MOTHER
14	STEPMOTHER
15	MOTHER-IN-LAW
16	FATHER
17	STEPFATHER
18	FATHER-IN-LAW
19	GRANDDAUGHTER
20	GRANDSON
21	NIECE
22	NEPHEW
23	AUNT
24	UNCLE

25	COUSIN
26	STEPDAUGHTER'S SON/DAUGHTER
27	STEPSON'S SON/DAUGHTER
28	DAUGHTER-IN-LAW'S SON/DAUGHTER
29	SON-IN-LAW'S SON/DAUGHTER
30	BOARDER/RENTER
31	PAID AIDE/HOUSEKEEPER/EMPLOYEE
32	ROOMMATE
33	EX-WIFE/EX-HUSBAND
34	BOYFRIEND/GIRLFRIEND
35	NEIGHBOR
36	FRIEND
37	SOMEONE/SERVICE AT THE PLACE SP LIVES/LIVED
38	CO-WORKER
39	MINISTER, PRIEST, OR OTHER CLERGY
40	PSYCHIATRIST, PSYCHOLOGIST, COUNSELOR, OR THERAPIST
91	OTHER RELATIVE
92	OTHER NONRELATIVE

PROGRAMMER INSTRUCTIONS:

If code = 2 (SPOUSE/PARTNER), 3 (DAUGHTER), 4 (SON), 7 (STEPDAUGHTER), OR 8 (STEPSON) selected for new addition to the roster, display soft error message, "UNLIKELY RESPONSE. REVIEW NAMES AND RELATIONSHIPS ON ROSTER AT IS8 TO MAKE SURE PERSON DOESN'T ALREADY EXIST ON THE ROSTER."

If 3 (daughter), 5 (daughter-in-law), 7 (stepdaughter), 9 (sister), 11 (sister-in-law), 13 (mother), 14 (stepmother), 15 (mother-in-law), 19 (granddaughter), 21 (niece), or 23 (aunt) selected, set IS10= 2 (female) and go to BOX IS11.

ELSE If 4 (son), 6(son-in-law), 8 (stepson), 10 (brother), 12 (brother-in-law), 16 (father), 17 (stepfather), 18 (father-in-law), 20 (grandson), 22 (nephew), or 24 (uncle) selected, set IS10 = 1 (male) and go to BOX IS11.

If IS9 = 91 or 92, go to IS9a.

Otherwise, GO TO IS10.

IS9A	IS9A	NOT ON FILE
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QUESTION TEXT:

SPECIFY RELATIONSHIP OF PROXY TO {SP}

ENTER TEXT

Length	50
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IS10	is11prxygendr	R11 IS10 PROXY GENDER
	op11dgender	R11 D GENDER UPDATE AND NEW

QUESTION TEXT:

CODE GENDER OF PROXY

IF GENDER IS OBVIOUS, CODE WITHOUT ASKING

OTHERWISE ASK: What is your gender?

CODES

1	MALE
2	FEMALE

BOX IS11

BOX IS11

NOT ON FILE

Write PROXY relationship and gender to PERSON ROSTER.

IS11

is11famrrutin

R11 IS11 FAMILRTY SP DAILY ROUTIN

DISPLAY INSTRUCTIONS:

If IS2A=7 (SP DECEASED), display "were" and "in the last month of {his/her} life" and "Were"
Otherwise, display "are" and "Are".

QUESTION TEXT:

How familiar {are/were} you with {SP}'s daily routine {in the last month of {his/her} life}? {Are/Were} you very familiar, somewhat familiar, a little familiar, or not at all familiar?

CODES

- 1 VERY FAMILIAR
- 2 SOMEWHAT FAMILIAR
- 3 A LITTLE FAMILIAR
- 4 NOT AT ALL FAMILIAR
- REFUSED
- DON'T KNOW

BOX IS11A

BOX IS11A

NOT ON FILE

If IS2A=7 (DECEASED), go to BOX IS12A.
Else if IS2=2 (PROXY) and PROXY PERSON'S relationship to SP = 35 or 37-40, go to BOX IS12A.
Otherwise, go to IS11A.

BOX IS12A

BOX IS12A

NOT ON FILE

If DOB MONTH, DOB DAY, or DOB YEAR is missing for ROSTER MEMBER with PROXY RESP
CURRENT INT flag=1 (YES), go to IS12a.
Otherwise, go to Section RE - Residence.

IS12A

op11birthmth (Sensitive)

R11 OTHER PERSON MONTH OF BIRTH
UPDATE AND NEW

DISPLAY INSTRUCTIONS:

Display "MONTH" in underlined text.

QUESTION TEXT:

What is your date of birth?

ENTER MONTH

ENTER NUMBER

- Range 1 to 12
- Soft Range 1 to 12
- REFUSED
- DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Display IS12A, IS12B, and IS12C on the same screen.

IS12B

IS12B

NOT ON FILE

DISPLAY INSTRUCTIONS:

Display "DAY" in underlined text.

QUESTION TEXT:

[What is your date of birth?]

ENTER DAY

ENTER NUMBER

Range 1 to 31
Soft Range 1 to 31
REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Display IS12A, IS12B, and IS12C on the same screen.

IS12C

op11birthyear (Sensitive)

R11 OTHER PERSON YEAR OF BIRTH
UPDATE AND NEW

DISPLAY INSTRUCTIONS:

Display "YEAR" in underlined text.

QUESTION TEXT:

[What is your date of birth?]

ENTER YEAR

ENTER NUMBER

REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Display IS12A, IS12B, and IS12C on the same screen.

Hard range: CURRENT YEAR - 110.

Soft range: (CURRENT YEAR - 20) - (CURRENT YEAR - 75).

If IS12C violates hard range, display error message "YEAR OF BIRTH OUTSIDE OF RANGE. VERIFY WITH RESPONDENT AND RE-ENTER."

Write birth month, day, and year from IS12a, b, and c to the PERSON ROSTER for roster member.

If IS12A and IS12B and IS12C <> RF or DK, compute PERSON AGE as (CURRENT DATE - IS12a-c DOB) and prefill IS13.

Otherwise, go to IS14.

IS13

op11age (Sensitive)

R11 OTH PERSON AGE UPDATE AND NEW

op11dage

R11 D OP CAT AGE UPDATE AND NEW

DISPLAY INSTRUCTIONS:

For "CALCULATED AGE", display age computed at IS12.

QUESTION TEXT:

That makes you {CALCULATED AGE} TODAY. Is that correct?

CODES

1	YES	Section RE
2	NO	IS12A
	REFUSED	Section RE
	DON'T KNOW	Section RE

PROGRAMMER INSTRUCTIONS:

If IS13 = 1 (YES), write PERSON AGE to PERSON ROSTER.

IS14	op11age (Sensitive)	R11 OTH PERSON AGE UPDATE AND NEW
	op11dage	R11 D OP CAT AGE UPDATE AND NEW

QUESTION TEXT:

How old are you?
ENTER AGE

ENTER NUMBER

Range	18 to 110
REFUSED	
DON'T KNOW	

PROGRAMMER INSTRUCTIONS:

Hard range: 18-110.

If IS14 violates hard range, display error message "AGE OUTSIDE OF RANGE. VERIFY WITH RESPONDENT AND RE-ENTER."

Write PERSON AGE to PERSON ROSTER.

Go to Section RE – Residence.

Derived Variables from Items in IS Section	
is11dproxyid	R11 D PROXY OPID
op11dage	R11 D OP CAT AGE UPDATE AND NEW

NHATS Round 11: Last Month of Life

Section RE [RESIDENCE]

Sequence: 2

RE3

RE3

NOT ON FILE

DISPLAY INSTRUCTIONS:

If IS2A=7 (SP DECEASED), display “at the time {he/she} died” and “lived” and “Is that correct?”.
Otherwise, display “lives” and “{Are you/Is SP} living at this address now?”
Display updated IMS Address 1, Address 2, City, State, Zip.

If DECEASED flag = 1 (YES) and FACILITY flag = 1 (YES), display preloaded LAST INT Facility name or from IMS if updated.

QUESTION TEXT:

Now I need to confirm {your/SP's} address {at the time {he/she} died}. According to our records, {you live}/{he/she} {lives/lived} at [READ ADDRESS BELOW]

CONFIRM SPELLING

{Facility Name}
{Address 1}
{Address 2}
{City}, {State} {Zip}

IF COMPLETE ADDRESS NOT DISPLAYED, OR ADDRESS IS A PO BOX, ENTER 2.

{{Are you/Is SP} living at this address now?/Is that correct?}

CODES

1 YES
2 NO
REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Write confirmed Address 1, Address 2, City, State, and Zip fields to the PERSON ROSTER for SP.

IMS will pull confirmed Address 1, Address 2, City, State, and Zip fields from NHATS Interview Task once task status = 20 (COMPLETE).

If IS2A=7 (SP DECEASED), set DECEASED flag= 1 (YES).

BOX RE4

BOX RE4

NOT ON FILE

QUESTION TEXT:

If RE3 = 1 (YES), go to BOX RE4F.
Else if RE3 <> 1 (YES) and DECEASED flag = 1 (YES) and LAST INT Facility Name is not blank, go to RE4.
Otherwise, go to RE4a.

RE4

RE4

NOT ON FILE

DISPLAY INSTRUCTIONS:

Display preloaded SP address and facility name in the question text.

Display preloaded LAST INT facility name.

Display RE4a, 4b, 4c, 4d, and 4e on the same screen.

Display {Address 1}, {Address 2}, {City}, {State}, and {Zip} fields as lighter "grayed-out" text.

Display "facility name" as underlined text.

QUESTION TEXT:

What was {SP}'s facility name at the time {he/she} died?

CONFIRM SPELLING.

IF NO FACILITY NAME, ENTER 95.

{Facility Name}
{Address 1}
{Address 2}
{City}, {State} {Zip}

ENTER TEXT

Length

75

RE4A

RE4A

NOT ON FILE

DISPLAY INSTRUCTIONS:

Display preloaded SP address in the question text.
Display preloaded address line 1 in the response field if available.
Display RE4a, 4b, 4c, 4d, and 4e on the same screen.
Display {Address 2}, {City}, {State}, and {Zip} fields as lighter "grayed-out" text.
Display "address" as underlined text.

Display preloaded SP address in the question text.

If DECEASED flag = 1 (YES), display "was" and "at the time {he/she} died".
Otherwise, display "is".

QUESTION TEXT:

What {is/was} address {at the time {he/she} died?

CONFIRM SPELLING.

{Address 1}
{Address 2}
{City}, {State} {Zip}

ENTER TEXT

Length

25

RE4B

RE4B

NOT ON FILE

DISPLAY INSTRUCTIONS:

Display preloaded SP address in the question text
Display preloaded address line 2 in the response field if available
Display RE4a, 4b, 4c, 4d, and 4e on the same screen
Display {Address 1}, {City}, {State}, and {Zip} fields as lighter "grayed out" text. Display "address" as underlined text

Display preloaded SP address in the question text.

If DECEASED flag = 1 (YES), display "was" and "at the time {he/she} died".
Otherwise, display "is".

QUESTION TEXT:

[What {is/was} {your/SP's} address {at the time {he/she} died}?]
CONFIRM SPELLING.
IF NO APT/SUITE NUMBER, PRESS ENTER TO CONTINUE.
{Address 1}
{Address 2}
{City}, {State} {Zip}

ENTER TEXT

Length 50

PROGRAMMER INSTRUCTIONS:

Allow empty

RE4C re11spadrscity (Restricted) R11 RE4C SP ADDRESS CITY

DISPLAY INSTRUCTIONS:

Display preloaded SP address in the question text
Display preloaded city in the response field if available.
Display RE4a, 4b, 4c, 4d, and 4e on the same screen.
Display {Address 1}, {Address 2}, {State}, and {Zip} fields as lighter "grayed out" text.
Display "city" as underlined text.

Display preloaded SP address in the question text.

If DECEASED flag = 1 (YES), display "was" and "at the time {he/she} died".
Otherwise, display "is".

QUESTION TEXT:

[What {is/was} {your/SP's} city {at the time {he/she} died}?]
CONFIRM SPELLING
{Address 1}
{Address 2}
{City}, {State} {Zip}

ENTER TEXT

Length 25

RE4D re11spadrstt (Restricted) R11 RE4C SP ADDRESS STATE

DISPLAY INSTRUCTIONS:

Display preloaded SP address in the question text
Display preloaded state in the response field if available.
Display RE4a, 4b, 4c, 4d, and 4e on the same screen.
Display {Address 1}, {Address 2}, {City}, and {Zip} fields as lighter "grayed out" text.
Display "state" as underlined text.

Display preloaded SP address in the question text.

If DECEASED flag = 1 (YES), display "was" and "at the time {he/she} died".
Otherwise, display "is".

QUESTION TEXT:

[What {is/was} {your/SP's} state {at the time {he/she} died}?]
TYPE THE FIRST LETTER OF THE STATE, THEN USE ARROW KEYS IF NEEDED TO LOCATE STATE, AND

PRESS ENTER TO SELECT

{Address 1}
{Address 2}
{City}, {State} {Zip}

ENTER TEXT

Length

2

PROGRAMMER INSTRUCTIONS:

Use lookup file of state names

RE4E

RE4E

NOT ON FILE

DISPLAY INSTRUCTIONS:

Display preloaded SP address in the question text
Display preloaded zip code in the response field if available.
Display RE4a, 4b, 4c, 4d, and 4e on the same screen.
Display {Address 1}, {Address 2}, {City}, and {Zip} fields as lighter "grayed out" text.
Display "zip code" as underlined text.

Display preloaded SP address in the question text.

If DECEASED flag = 1 (YES), display "was" and "at the time {he/she} died".
Otherwise, display "is".

QUESTION TEXT:

[What {is/was} {your/SP's} zip code {at the time {he/she} died}?)

ENTER A 5-DIGIT ZIP CODE

{Address 1}
{Address 2}
{City}, {State} {Zip}

ENTER TEXT

Length

5

PROGRAMMER INSTRUCTIONS:

5-digit entry required. If less than 5 digits entered, display ErrorMessage #11.

Write updated Address 1, Address 2, City, State, and Zip fields to the PERSON ROSTER for SP.
IMS will pull updated Address 1, Address 2, City, State, and Zip fields from NHATS Interview Task once task status = 20 (COMPLETE).

BOX RE4F

BOX RE4F

NOT ON FILE

If LAST INT DISP CODE = 64 (FQ ONLY) and DECEASED flag <> 1 (YES), set NEW RESIDENCE flag = 1 (YES) and go to RE5.
Otherwise, go to RE4f.

RE4F

re11spadrnew

R11 RE4F SP ADDRESS SAME OR DIFF

DISPLAY INSTRUCTIONS:

If DECEASED FLAG = 1 (YES), display "DIED", "{Facility Name}, "was", "at the time {he/she} died", "{he/she} was", and (" FACILITY NAME" if FACILITY NAME <> 95).
Otherwise, display "is", "now", and "LIVES".

Display current and last address fields in 2 columns.

For CURRENT ADDRESS, if RE3 = 1 (YES), display updated IMS Facility Name, Address 1, Address 2, City, State, Zip.

Otherwise, display updated Facility Name, Address 1, Address 2, City, State, and Zip fields from RE4-RE4e.

For LAST ADDRESS, display preloaded LAST INT Facility Name, LAST INT Address 1, LAST INT Address 2, LAST INT City, LAST INT State, and LAST INT Zip fields.

Display "INCLUDING A DIFFERENT APT # OR UNIT #." as underlined text.

QUESTION TEXT:

SPECIFY IF SP {LIVES/DIED} AT SAME RESIDENCE AS LAST INTERVIEW:

CURRENT ADDRESS:	ADDRESS AT LAST INTERVIEW:
{Facility Name}	{LAST INT Facility Name}
{Address 1}	{LAST INT Address 1}
{Address 2}	{LAST INT Address 2}
{City}, {State} {Zip}	{LAST INT City}, {LAST INT State} {LAST INT Zip}

IF NEEDED: Is the place {you are/SP {is/was}} living at {now/at the time {he/she} died} the same place that {you were/{he/she} was} living at the time of the last interview?

ENTER 1 IF SAME ADDRESS.

ENTER 2 IF DIFFERENT RESIDENCE, INCLUDING AN APT# OR UNIT #.

ENTER 3 IF SAME RESIDENCE WITH MINOR ADDRESS CORRECTIONS (SPELLING, ZIP CODE, FACILITY NAME)

CODES

- 1 YES, SAME ADDRESS
- 2 NO, DIFFERENT ADDRESS
- 3 YES, SAME ADDRESS WITH MINOR CORRECTIONS

PROGRAMMER INSTRUCTIONS:

If RE4f = 2 (DIFFERENT ADDRESS), set NEW RESIDENCE flag = 1 (YES).

If [RE4f = 1 (SAME ADDRESS) or 3 (SAME ADDRESS WITH CORRECTIONS)], set CURRENT INT HOTYPE flag = LAST INT HOTYPE flag.

If [RE4f = 1 (SAME ADDRESS) or 3 (SAME ADDRESS WITH CORRECTIONS)] and LAST INT FACILITY flag = 1 (YES), set CURRENT INT FACILITY flag = 1 (YES).

If [RE4f = 1 (SAME ADDRESS) or 3 (SAME ADDRESS WITH CORRECTIONS)] and LAST INT RETIREMENT COMMUNITY flag = 1 (YES), set CURRENT INT RETIREMENT COMMUNITY flag = 1 (YES).

If DECEASED flag for SP <> 1 (YES) and IS11A = 1 (YES), set PROXY ADDRESS1, ADDRESS2, CITY, STATE and ZIP = SP's CURRENT INT ADDRESS1, ADDRESS2, CITY, STATE and ZIP.

BOX RE5

BOX RE5

NOT ON FILE

QUESTION TEXT:

If DECEASED flag = 1 (YES) and RE4f = 2 (DIFFERENT ADDRESS), go to BOX RE10.

Else if DECEASED flag = 1 (YES), go to RE12.

Otherwise, go to RE5.

BOX RE10

BOX RE10

NOT ON FILE

If LAST INT DISP CODE = 64 (FQ ONLY) and DECEASED flag <> 1 (YES), go to Section HC – Health Conditions.
 Else if NEW RESIDENCE flag = 1 (YES), go to RE10.
 Else if DECEASED flag = 1 (YES), go to RE11.
 Otherwise, go to Section HC – Health Conditions.

RE10

re11mthmove

R11 RE10 MONTH MOVED NEW ADDRESS

DISPLAY INSTRUCTIONS:

Display “MONTH” in underlined text.

QUESTION TEXT:

In what month and year since {LAST INT MONTH AND YEAR}, did {you/SP} move to {Address 1}, {Address 2}, {City}, {State} {Zip}?

ENTER MONTH

ENTER NUMBER

Range 1 to 12
 REFUSED
 DON'T KNOW

RE10B

re11yearmove

R11 RE10B YEAR MOVED NEW ADDRESS

DISPLAY INSTRUCTIONS:

Display “4-DIGIT YEAR” in underlined text.

QUESTION TEXT:

[In what month and year since {LAST INT MONTH AND YEAR}, did {you/SP} move to {Address 1}, {Address 2}, {City}, {State} {Zip}?:]

ENTER 4-DIGIT YEAR

ENTER NUMBER

REFUSED
 DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Soft Range: CURRENT YEAR-1 to CURRENT YEAR
 Hard Range: R1 INT YEAR to CURRENT YEAR

Combined month and year cannot be before date of last interview. If date is before date of last interview, display error message #15.

BOX RE11

BOX RE11

NOT ON FILE

If DECEASED flag = 1 (YES), go to RE11.
 Otherwise, go to Section HC – Health Conditions.

RE11

re11placedec

R11 RE11 CARE AT NEW RESID PLACE SP DIED

QUESTION TEXT:

Was this the kind of place that provides care, such as an assisted living facility, board and care home, nursing home, or other long term care facility?

CODES

1	YES
2	NO
	REFUSED
	DON'T KNOW

PROGRAMMER INSTRUCTIONS:

If RE11 = 1 (YES), set FACILITY flag = 1 (YES).

RE12**re11alonedec**

R11 RE12 LIVED ALONE AT DEATH

QUESTION TEXT:

At the time of {SP}'s death, was {he/she} living alone?

CODES

1	YES
2	NO
	REFUSED
	DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Go to Section PD – Place of Death.

Derived Variables From Items in RE Section

r11dresidlml	R11 D LAST MTH LIFE RESIDNCE
re11dcensdiv	R11 D SP CENSUS DIVISION

Flag Variables Set in RE Section

f11resnew	R11 F RE NEW RESIDENCE ROUTING FLAG
f11facility	R11 F RE ROUTING FLAG FROM RE4f HT3 5 6 7
f11retirecom	R11 F RE HT SP LIVES IN RETIREMT COM
f11hotype	R11 F RE HT TYPE OF HOME

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Section PD [PLACE OF DEATH]

Sequence: 2.5

PD2A pd11mthdied (Sensitive) R11 PD2A MONTH DIED

QUESTION TEXT:

In what month and year did {SP} die?

ENTER MONTH

ENTER NUMBER

Range 1 to 12
REFUSED
DON'T KNOW

PD2B pd11yrdied (Sensitive) R11 PD2B YEAR DIED

DISPLAY INSTRUCTIONS:

Display "4-DIGIT YEAR" in underlined text.

QUESTION TEXT:

[In what month and year did {SP} die?]

ENTER 4-DIGIT YEAR

CODES

REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Write Month and Year of Death for SP to PERSON ROSTER from PD2A-B.

Soft Range: CURRENT YEAR-1 to CURRENT YEAR

Hard Range: R1 INT YEAR to CURRENT YEAR

If combined month and year date is before date of last interview, display soft error message #15.

PD3 pd11placedied R11 PD3 PLACE OF DEATH

QUESTION TEXT:

Where did {SP's} death take place?

CODES

1	AT SP'S OR SOMEONE ELSE'S HOME	PD3B
2	IN A HOSPITAL	PD3C
3	IN A NURSING HOME	PD3D
4	IN A HOSPICE RESIDENCE	PD3E
5	IN TRANSIT (AMBULANCE TO HOSPITAL)	PD5
91	SOMEWHERE ELSE (SPECIFY)	
	REFUSED	PD5B
	DON'T KNOW	PD5B

PD3A PD3A NOT ON FILE

QUESTION TEXT:

SPECIFY PLACE OF DEATH

IF NEEDED: Where was that?

ENTER TEXT

Length 50
REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Go to PD5.

PD3B

pd11homedied

R11 PD3B DIED SP HOME OR OTHER

QUESTION TEXT:

Was that at {SP}'s home or someone else's home?

CODES

1	SP'S HOME	PD5B
2	SOMEONE ELSE'S HOME	PD5B
	REFUSED	PD5B
	DON'T KNOW	PD5B

PD3C

pd11hospdied

R11 PD3C HOSPITAL UNIT DIED

QUESTION TEXT:

Was that in an intensive care unit, palliative care unit, inpatient hospice unit, or another kind of unit in the hospital?

CODES

1	INTENSIVE CARE UNIT	PD4
2	PALLIATIVE CARE UNIT	PD4
3	INPATIENT HOSPICE UNIT	PD4
4	EMERGENCY ROOM	PD4
5	SOME OTHER PART OF THE HOSPITAL	PD4
	REFUSED	PD4
	DON'T KNOW	PD4

PD3D

pd11hospice1

R11 PD3D HOSPICE AT NURSING HOME

QUESTION TEXT:

Was that a hospice unit at a nursing home?

CODES

1	YES	PD4
2	NO	PD4
	REFUSED	PD4
	DON'T KNOW	PD4

PD3E

pd11hospice2

R11 PD3E HOSPICE OTHER PLACE

QUESTION TEXT:

Was this a hospice unit at a hospital or nursing home, housing provided by hospice, or somewhere

else?

CODES

1	HOSPICE AT A HOSPITAL	PD4
2	HOSPICE AT A NURSING HOME	PD4
3	RESIDENTIAL HOSPICE	PD4
4	OTHER HOSPICE	PD4
	REFUSED	PD4
	DON'T KNOW	PD4

PD4

pd11stayunit

R11 PD4 LENGTH OF STAY UNIT

DISPLAY INSTRUCTIONS:

If PD3=2, display "at the hospital".

Else if PD3=3, display "at the nursing home".

Else if PD3=4, display "at the hospice residence".

Otherwise, display "there".

QUESTION TEXT:

About how long was {SP}'s stay {at the hospital/at the nursing home/at the hospice residence/there} before {he/she} died?

INDICATE RESPONSE UNIT

CODES

1	DAYS	
2	WEEKS	PD4B
3	MONTHS	PD4C
4	YEARS	PD4D
	REFUSED	PD5
	DON'T KNOW	PD4E

PD4A

pd11staydays

R11 PD4A LENGTH OF STAY DAYS

DISPLAY INSTRUCTIONS:

Display "DAYS" in underlined text.

QUESTION TEXT:

ENTER NUMBER OF DAYS OF SP'S STAY.

ENTER NUMBER

Range

1 to 365

PROGRAMMER INSTRUCTIONS:

Go to PD5.

PD4B

pd11staywks

R11 PD4B LENGTH OF STAY WEEKS

DISPLAY INSTRUCTIONS:

Display "WEEKS" in underlined text.

QUESTION TEXT:

ENTER NUMBER OF WEEKS OF SP'S STAY.

ENTER NUMBER

Range

1 to 52

PROGRAMMER INSTRUCTIONS:

Go to PD5.

PD4C

pd11staymths

R11 PD4C LENGTH OF STAY MONTHS

DISPLAY INSTRUCTIONS:

Display "MONTHS" in underlined text.

QUESTION TEXT:

ENTER NUMBER OF MONTHS OF SP'S STAY.

ENTER NUMBER

Range

1 to 24

PROGRAMMER INSTRUCTIONS:

Go to PD5.

PD4D

pd11stayyrs

R11 PD4D LENGTH OF STAY YEARS

DISPLAY INSTRUCTIONS:

Display "YEARS" in underlined text.

QUESTION TEXT:

ENTER NUMBER OF YEARS OF SP'S STAY.

ENTER NUMBER

Range

1 to 30

Soft Range

1 to 5

PROGRAMMER INSTRUCTIONS:

Go to PD5.

PD4E

pd11staymthpl

R11 PD4E LENGTH OF STAY MTH PLUS

QUESTION TEXT:

Was it longer than a month?

CODES

1	YES
2	NO
	REFUSED
	DON'T KNOW

PD5

pd11placepre

R11 PD5 PLACE PRE HOSP HOSPICE NH

DISPLAY INSTRUCTIONS:

If PD3=2, display "the hospital".

Else if PD3=3, display "the nursing home".

Else if PD3=4, display “the hospice residence”.

Otherwise, display “that”.

QUESTION TEXT:

And where was {SP} staying just before {the hospital/the nursing home/the hospice residence/that}?

CODES

1	AT SP'S HOME	BOX PD5B
2	IN A HOSPITAL	BOX PD5B
3	IN A NURSING HOME	BOX PD5B
4	IN A HOSPICE RESIDENCE	PD6
5	SOMEONE ELSE'S HOME	BOX PD5B
91	SOMEWHERE ELSE (SPECIFY) <small>(UPCODED FROM PD5A)</small>	
	REFUSED	BOX PD5B
	DON'T KNOW	BOX PD5B

PD5A

PD5A

NOT ON FILE

QUESTION TEXT:

SPECIFY PLACE SP STAYED BEFORE HOSPITAL/NURSING HOME/HOSPICE

IF NEEDED: Where was that?

ENTER TEXT

Length 50
REFUSED
DON'T KNOW

BOX PD5B

BOX PD5B

NOT ON FILE

If PD3 =4 (hospice residence) or PD3C = 3 (inpatient hospice unit) or PD3D =1 (YES, hospice unit at a nursing home, go to PD6.

Otherwise, go to PD5B.

PD5B

pd11hospcelml

R11 PD5B HOSPICE CARE IN LAST MTH

QUESTION TEXT:

During the last month of {SP's} life, did {he/she} receive hospice care?

IF NEEDED: Hospice care is designed to make people comfortable at the end of life. It can be provided at home, a hospital, nursing home, or other setting.

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

PD6

pd11alert

R11 PD6 ALERT IN LAST MONTH

QUESTION TEXT:

For how much of the last month of {SP}'s life was {he/she} alert, that is, awake and able to communicate?
Would you say every day, most days, some days, rarely, or not at all?

CODES

- 1 EVERY DAY
- 2 MOST DAYS
- 3 SOME DAYS
- 4 RARELY
- 5 NOT AT ALL Section LM
- REFUSED
- DON'T KNOW

PROGRAMMER INSTRUCTIONS:

If PD6=5 (NOT AT ALL), SET NOTALERT FLAG=1.

PD7

pd11outbed

R11 PD7 GET OUT OF BED IN LST MTH

QUESTION TEXT:

For how much of the last month of {SP}'s life was {he/she} able to get out of bed?
Would you say every day, most days, some days, rarely, or not at all?

CODES

- 1 EVERY DAY
- 2 MOST DAYS
- 3 SOME DAYS
- 4 RARELY
- 5 NOT AT ALL
- REFUSED
- DON'T KNOW

PROGRAMMER INSTRUCTIONS:

If PD7=5 (NOT AT ALL), SET NOTMOBILE FLAG=1.

Go to Section LM – Last Month.

Flag Variables Set in PD Section

f11spdied	R11 F SP DIED PRIOR TO R7
f11notalert	R11 F LML NOT ALERT
f11notmobile	R11 F LML NOT MOBILE

NHATS Round 11: Last Month of Life

Section LM [LAST MONTH]

Sequence: 2.75

BOX LM1PRE

BOX LM1PRE

NOT ON FILE

If NotAlertFlag=1, go to LM4.

Otherwise, go to LM1PRE.

LM1PRE

LM1PRE

NOT ON FILE

QUESTION TEXT:

These next few questions are about {SP}'s care in the last month of life. If {he/she} did not receive any care in the last month, a few of those questions might not apply. If this is the case, just let me know, and we'll go on to the next question.

PRESS 1 AND ENTER TO CONTINUE

LM1

lm11pain

R11 LM1 PAIN IN LAST MONTH

QUESTION TEXT:

During the last month of {SP}'s life, were there times when {he/she} experienced pain?

CODES

1	YES	
2	NO	LM2
	REFUSED	LM2
	DON'T KNOW	LM2

LM1A

lm11painhlp

R11 LM1A GET HELP WITH PAIN

QUESTION TEXT:

Did {SP} get any help in dealing with {his/her} pain?

CODES

1	YES	
2	NO	LM2
	REFUSED	LM2
	DON'T KNOW	LM2

LM1B

lm11painhlpam

R11 LM1B PAIN HELP AMOUNT

QUESTION TEXT:

How much help in dealing with {his/her} pain did {SP} receive: less than was needed, more than was needed, or about the right amount?

CODES

1	LESS THAN WAS NEEDED
2	MORE THAN WAS NEEDED
3	ABOUT RIGHT AMOUNT
	REFUSED
	DON'T KNOW

LM2**lm11bre**

R11 LM2 BREATHING TROUBLE

QUESTION TEXT:

During the last month of {SP}'s life, were there times when {he/she} had trouble breathing?

CODES

1	YES	
2	NO	LM3
	REFUSED	LM3
	DON'T KNOW	LM3

LM2A**lm11brehlp**

R11 LM2A GET HELP WITH BREATHING

QUESTION TEXT:

Did {SP} get any help in dealing with {his/her} trouble breathing?

CODES

1	YES	
2	NO	LM3
	REFUSED	LM3
	DON'T KNOW	LM3

LM2B**lm11brehlpam**

R11 LM2B BREATHING HELP AMOUNT

QUESTION TEXT:

How much help in dealing with {his/her} breathing did {SP} receive: less than was needed, more than was needed, or about the right amount?

CODES

1	LESS THAN WAS NEEDED
2	MORE THAN WAS NEEDED
3	ABOUT RIGHT AMOUNT
	REFUSED
	DON'T KNOW

LM3**lm11sad**

R11 LM3 ANXIOUS OR SAD LAST MONTH

QUESTION TEXT:

During the last month of {SP}'s life, did {he/she} have any feelings of anxiety or sadness?

CODES

1	YES	
2	NO	LM4
	REFUSED	LM4
	DON'T KNOW	LM4

LM3A**lm11sadhlp**

R11 LM3A GET HELP FOR ANXIOUS SAD

QUESTION TEXT:

Did {SP} get any help in dealing with {his/her} feelings of anxiety or sadness?

CODES

1	YES	
2	NO	LM4
	REFUSED	LM4
	DON'T KNOW	LM4

LM3B

lm11sadhlpam

R11 LM3B ANXIOUS SAD HELP AMOUNT

QUESTION TEXT:

How much help in dealing with these feelings did {SP} receive: less than was needed, more than was needed, or about the right amount?

CODES

1	LESS THAN WAS NEEDED
2	MORE THAN WAS NEEDED
3	ABOUT RIGHT AMOUNT
	REFUSED
	DON'T KNOW

LM4

lm11caredecis

R11 LM4 DEC ABOUT CARE WO INPUT

QUESTION TEXT:

During the last month of {SP}'s life, was there ever a decision made about {his/her} care or treatment without enough input from {him/her} or {his/her} family?

CODES

1	YES
2	NO
3	DOES NOT APPLY/NO CARE IN LAST MONTH OF LIFE
	REFUSED
	DON'T KNOW

LM5

lm11carenowan

R11 LM5 DEC ABOUT CARE NOT WANTED

QUESTION TEXT:

During the last month of {SP}'s life, was there any decision made about care or treatment that {he/she} would not have wanted?

CODES

1	YES
2	NO
3	DOES NOT APPLY/NO CARE IN LAST MONTH OF LIFE
	REFUSED
	DON'T KNOW

LM6

lm11perscare

R11 LM6 PERSONAL CARE NEEDS MET

QUESTION TEXT:

During the last month of {SP}'s life, how often were {his/her} personal care needs, such as bathing, dressing, and changing bedding, taken care of as well as they should have been: always, usually, sometimes, or never?

CODES

- 1 ALWAYS
- 2 USUALLY
- 3 SOMETIMES
- 4 NEVER
- 5 DOES NOT APPLY/NO CARE IN LAST MONTH OF LIFE
REFUSED
DON'T KNOW

LM7 **lm11respect** R11 LM7 TREATED WITH RESPECT

QUESTION TEXT:

During the last month of {SP}'s life, how often were {he/she} treated with respect by those who were taking care of {him/her}: always, usually, sometimes, or never?

CODES

- 1 ALWAYS
- 2 USUALLY
- 3 SOMETIMES
- 4 NEVER
- 5 DOES NOT APPLY/NO CARE IN LAST MONTH OF LIFE
REFUSED
DON'T KNOW

LM8 **lm11informed** R11 LM8 INFORMED ABOUT CONDITION

QUESTION TEXT:

During the last month of {SP}'s life, how often were you or other family members kept informed about {him/her} condition: always, usually, sometimes, or never?

CODES

- 1 ALWAYS
- 2 USUALLY
- 3 SOMETIMES
- 4 NEVER
- 5 DOES NOT APPLY/NO CARE IN LAST MONTH OF LIFE
REFUSED
DON'T KNOW

LM9 **lm11doctor** R11 LM9 MORE THAN ONE DOCTOR

QUESTION TEXT:

During the last month of {SP}'s life, was there more than one doctor involved in {his/her} care?

CODES

- 1 YES
- 2 NO BOX LM10
- 3 DOES NOT APPLY/NO CARE IN LAST MONTH OF LIFE BOX LM10
REFUSED BOX LM10
DON'T KNOW BOX LM10

LM9A **lm11docclear** R11 LM9A CLEAR DOCTOR IN CHARGE

QUESTION TEXT:

During the last month of {SP}'s life, was it always clear to you which doctor was in charge of {his/her} care?

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

BOX LM10

BOX LM10

NOT ON FILE

IF NOTALERTFLAG=1 (YES), go to LM11.

Otherwise, go to LM10.

LM10

lm11relg

R11 LM10 TALK RELIGIOUS BELIEFS

QUESTION TEXT:

During the last month of life, did any doctors, nurses, or other health professional talk with {SP} about {his/her} religious beliefs?

CODES

- 1 YES
- 2 NO LM11
- 3 DOES NOT APPLY/NO CARE IN LAST MONTH OF LIFE LM11
- REFUSED LM11
- DON'T KNOW LM11

LM10A

lm11relgamt

R110 LM10A RELIGIOUS BLIEF CONTACT

QUESTION TEXT:

During the last month of {SP}'s life, do you think {he/she} had as much contact of this kind as {he/she} wanted?

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

LM11

lm11ratecare

R11 LM11 HOW RATE CARE

QUESTION TEXT:

Overall, how would rate {SP}'s care in the last month of life? Would you say it was, excellent, very good, good, fair, or poor?

CODES

- 1 EXCELLENT
- 2 VERY GOOD
- 3 GOOD
- 4 FAIR
- 5 POOR
- 6 DOES NOT APPLY/NO CARE IN LAST MONTH OF LIFE
- REFUSED
- DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Go to Section MD – Mobility Devices

NHATS Round 11: Last Month of Life

Section MD [MOBILITY DEVICES]

Sequence: 13

BOX MD1PRE

BOX MD1PRE

NOT ON FILE

If DECEASED flag = 1 (YES) and NOTALERT flag=1 (YES), go to Section CP - Proxy Cognition.

Otherwise, go to MD1PRE.

MD1PRE

MD1PRE

NOT ON FILE

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "SP may have used".

Otherwise, display "you use/SP uses".

QUESTION TEXT:

The next questions are about items that {you use/SP uses}{SP may have used} to help {you/him/her} get around more easily, safely, or on {your/his/her} own.

PRESS 1 AND ENTER TO CONTINUE

MD1

md11caneWalker

R11 MD1 USED CANE WALKER WHLCHAIR

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "of {his/her} life, did {SP} use".

Otherwise, display ", have you/has {SP} used".

QUESTION TEXT:

In the last month {of {his/her} life, did {SP} use/,{have you/has {SP} used} a cane, walker, wheelchair, or scooter, yes or no?

PRESS F1 FOR HELP SCREEN

CODES

1	YES
2	NO
	REFUSED
	DON'T KNOW

BOX MD2

BOX MD2

NOT ON FILE

If DECEASED flag = 1 (YES), and MD1 = 2 (NO), DK, or RF, go to Section CP - Cognition (Proxy).

Else if MD1 = 2 (NO), DK, or RF, go to Section SS - Sensory Impairments and Symptoms.

Otherwise, go to MD2.

MD2

md11cane

R11 MD2 USED A CANE

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display " of {his/her} life".

QUESTION TEXT:

In the last month {of {his/her} life}, which did {you/SP} use?

a cane?

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

PROGRAMMER INSTRUCTIONS:

If 1 is selected, set CANE flag = 1 (yes).

MD3

md11walker

R11 MD3 USED A WALKER

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display “of {his/her} life”.

QUESTION TEXT:

[In the last month {of {his/her} life}, did {you/SP} use?]
 a walker?
 IF NEEDED: This includes standard walkers without wheels, rolling and wheeled walkers, and rollators.

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

PROGRAMMER INSTRUCTIONS:

If 1 is selected, set WALKER flag = 1 (yes).

MD4

md11wheelchar

R11 MD4 USED A WHEELCHAIR

DISPLAY INSTRUCTIONS:

Display image of wheelchair.

If DECEASED flag = 1 (YES), display “of {his/her} life”.

QUESTION TEXT:

SHOW CARD MD1
 [In the last month {of {his/her} life} did {you/SP} use]
 a wheelchair?
 IF NEEDED: This includes manual, power, electric, or motorized wheelchairs.

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

PROGRAMMER INSTRUCTIONS:

If 1 is selected, set WHEELCHAIR flag = 1 (yes).

BOX MD4A

BOX MD4A

NOT ON FILE

If DECEASED flag = 1 (YES), go to MD5.
 Else if MD4 = 1 (YES), go to MD4a.
 Otherwise, go to MD5.

MD5

md11scooter

R11 MD5 USE A SCOOTER

DISPLAY INSTRUCTIONS:

Display image of scooter.

If DECEASED flag = 1 (YES), display “of {his/her} life”.

QUESTION TEXT:

SHOW CARD MD2

[In the last month {of {his/her}, life} did {you/SP} use]

a scooter?

IF NEEDED: This includes electric or power scooters that are used for travel.

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

PROGRAMMER INSTRUCTIONS:

If 1 is selected, set SCOOTER flag = 1 (yes)

If MD1 = 1 (used device in last month) and MD2 = 2 (didn't use cane) and MD3 = 2 (didn't use walker) and MD4 = 2 (didn't use wheelchair) and MD5 = 2 (didn't use scooter), display error message #7.

BOX MD5A

BOX MD4A

NOT ON FILE

If DECEASED flag = 1 (YES), go to Section CP - Cognition (Proxy).
 Else if MD5 = 1, go to MD5a.
 Otherwise, go to Section SS - Sensory Impairments and Symptoms.

Flag Variables Set in MD Section

f11cane	R11 F MD SP USES CANE
f11walker	R11 F MD SP USES WALKER
f11wheelchr	R11 F MD SP USES WHEELCHAIR
f11scooter	R11 F MD SP USES SCOOTER

NHATS Round 11: Last Month of Life

Section CP [COGNITION (PROXY)]

Sequence: 17

BOX CP1PRE

BOX CP1PRE

NOT ON FILE

If DECEASED flag = 1 (YES) and NOTALERT flag = 1 (YES), go to Section DM - Duration of Mobility Accommodations.

Else if DECEASED flag = 1 (YES), go to CP1.

Else if PROXY flag = 1 (YES), go to CP1PRE.

Otherwise, go to Section CG Cognition (SP).

CP1

cp11memrygood

R11 CP1 HOW GOOD MEMRY AT PRESENT

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "Next, how would you rate {SP}'s memory in the month before {he/she} died" and "was".

Otherwise, display "First, how would you rate {SP}'s memory at the present time".

DISPLAY "at the present time" IN BOLD UNDERLINED TEXT.

QUESTION TEXT:

{First, how would you rate {SP}'s memory at the present time/Next, how would you rate {SP}'s memory in the month before {he/she} died}? Would you say it {is/was} excellent, very good, good, fair, or poor?

CODES

- | | |
|---|------------|
| 1 | EXCELLENT |
| 2 | VERY GOOD |
| 3 | GOOD |
| 4 | FAIR |
| 5 | POOR |
| | REFUSED |
| | DON'T KNOW |

BOX CP2

BOX CP2

NOT ON FILE

If DECEASED flag = 1 (YES), go to Section MO - Mobility.

Else if the PERSON ROSTER MEMBER flagged as the CURRENT INT PROXY was flagged as the LAST INT PROXY, go to BOX CP3.

Else if IS9 = 30-37, or 92 (proxy is not a relative), go to CP2.

Otherwise, go to BOX CP3.

NHATS Round 11: Last Month of Life

Section MO [MOBILITY]

Sequence: 20

MO1PRE

MO1PRE

NOT ON FILE

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "going outside".
Otherwise, display "leaving {your/SP's}{home/building} to go outside".
If STRUCTURE flag = 2 (MULTI-UNIT), display
"building". Otherwise, display "home".

QUESTION TEXT:

Now we're going to ask about {leaving {your/SP's}{home/building} to go outside/going outside}.

PRESS 1 AND ENTER TO CONTINUE

MO1

mo11outoft

R11 MO1 OFTEN GO OUTSIDE

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "of {his/her} life".
Otherwise, display "leave {your/his/her}{home/building} to".

QUESTION TEXT:

SHOW CARD MO1

In the last month {of {his/her} life}, how often did {you/SP} {leave {your/his/her}{home/building} to} go outside? Would you say every day, most days, some days, rarely, or never?

CODES

- 1 EVERY DAY (7 DAYS A WEEK)
 - 2 MOST DAYS (5-6 DAYS A WEEK)
 - 3 SOME DAYS (2-4 DAYS A WEEK)
 - 4 RARELY (ONCE A WEEK OR LESS)
 - 5 NEVER
- REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

IF MO1 = 5 (NEVER) SET DIDN'T LEAVE FLAG TO 1 (YES)

BOX MO2

BOX MO2

NOT ON FILE

If DECEASED flag = 1 (YES) and MO1 = 5 (NEVER), go to MO12.
Else if DECEASED flag = 1 (YES), go to MO6.
Else if MO1 = 5 (NEVER), go to MO10.

Else if CANE FLAG=1 (YES), go to MO2.
Otherwise, go to BOX MO3.

MO6

mo11outhlp

R11 MO6 HELP GO OUTSIDE

DISPLAY INSTRUCTIONS:

If FACILITY flag = 1 (YES), display "a staff person from the place where {you live/{he/she}{lives/lived}}".
If DECEASED flag = 1 (YES), display "of {his/her} life" and "lived".
Otherwise, display "lives" and "leave {your/his/her}{home/building} to".

QUESTION TEXT:

In the last month {of {his/her} life}, did anyone ever help {you/SP}{leave {your/his/her}{home/building} to} go outside?

IF NEEDED: This includes family, friends, {a staff person from the place where {you live/{he/she} {lives/lived}},} or someone paid to help {you/him/her}.

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

BOX MO6A

BOX MO6A

NOT ON FILE

If DECEASED flag = 1 (YES) and MO6 = 2 (NO), RF, or DK, go to BOX MO12.
Else if MO6 = 2 (NO), RF, or DK, go to MO8.
Otherwise, go to MO6A.

MO6A

op11outhlp

R11 MO6A HELPS SP GO OUTSIDE

op11relatnshp

R11 RELASHIP TO SP UPDATE AND NEW

DISPLAY INSTRUCTIONS:

Display HELPER RELATIONSHIP CODE LIST.

Display person roster with FIRST NAME, LAST NAME, and RELATIONSHIP TO SP. Allow entry for FIRST NAME, LAST NAME, and RELATIONSHIP TO SP fields.

If DECEASED flag = 1 (YES), display "lived".
Otherwise, display "lives" and "(leave {your/his/her}{home/building} to)".

If FACILITY flag = 1 (YES), display "a staff person from the place where {you live/{he/she} {lives/lived}},)".

If FACILITY flag=1 (YES) or RETIREMENT COMMUNITY flag=1(YES), display SERVICE/SOMEONE FROM THE PLACE SP LIVES/LIVED on the roster.

Display "first" and "last" in underlined text.

QUESTION TEXT:

Who helped {you/SP} do that ({leave {your/his/her}{home/building} to} go outside)?

IF NEEDED: This includes family, friends, {a staff person from the place where {you live/{he/she} {lives/lived}},} or someone paid to help {you/{him/her}}.

PROBE: Anyone else?

SELECT ALL THAT APPLY

IF PERSON NAMED IS NOT ON THE ROSTER, PRESS CTRL/P TO ADD A PERSON

MO6b. [What is (his/her) first name?] CONFIRM SPELLING

MO6c. [What is (his/her) last name?] CONFIRM SPELLING

MO6d. [What is (his/her) relationship to {you/SP}?] PRESS F1 FOR HELP SCREEN

CODES

- 2 SPOUSE/PARTNER
- 3 DAUGHTER
- 4 SON
- 5 DAUGHTER-IN-LAW
- 6 SON-IN-LAW

- 7 STEPDAUGHTER
- 8 STEPSON
- 9 SISTER
- 10 BROTHER
- 11 SISTER-IN-LAW
- 12 BROTHER-IN-LAW
- 13 MOTHER
- 14 STEPMOTHER
- 15 MOTHER-IN-LAW
- 16 FATHER
- 17 STEPFATHER
- 18 FATHER-IN-LAW
- 19 GRANDDAUGHTER
- 20 GRANDSON
- 21 NIECE
- 22 NEPHEW
- 23 AUNT
- 24 UNCLE
- 25 COUSIN
- 26 STEPDAUGHTER'S SON/DAUGHTER
- 27 STEPSON'S SON/DAUGHTER
- 28 DAUGHTER-IN-LAW'S SON/DAUGHTER
- 29 SON-IN-LAW'S SON/DAUGHTER
- 30 BOARDER/RENTER
- 31 PAID AIDE/HOUSEKEEPER/EMPLOYEE
- 32 ROOMMATE
- 33 EX-WIFE/EX-HUSBAND
- 34 BOYFRIEND/GIRLFRIEND
- 35 NEIGHBOR
- 36 FRIEND
- 37 SOMEONE/SERVICE AT THE PLACE SP LIVES/LIVED
- 38 CO-WORKER
- 39 MINISTER, PRIEST, OR OTHER CLERGY
- 40 PSYCHIATRIST, PSYCHOLOGIST, COUNSELOR, OR THERAPIST
- 91 OTHER RELATIVE
- 92 OTHER NONRELATIVE

PROGRAMMER INSTRUCTIONS:

For each roster selection/addition at MO6, set HELPSGOOUTSIDE flag = 1 (yes).

If DECEASED flag = 1 (YES), go to BOX MO12.

BOX MO12

BOX MO12

NOT ON FILE

If DECEASED flag = 1 (YES) and MO1 = 5 (NEVER LEFT HOME), go to MO12.

Else if DECEASED flag = 1 (YES), go to MO18.

Else if STRUCTURE flag = 2 (multi-unit) and MO1 = 5 (never leave building) and MO11= 5 (never go to other parts of building), go to MO12.

Else if [STRUCTURE flag = 1 (single home) or STRUCTURE flag = 3 (Other)] and MO1 = 5 (never leave home), go to MO12.

Otherwise, go to BOX MO13.

MO12**mo11oflvlslepr**

R11 MO12 HOW OFTN LEAVE BEDROOM

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "of {his/her} life" and "slept".
 Otherwise, display "sleeps".

QUESTION TEXT:

SHOW CARD MO1

In the last month {of {his/her} life}, how often did {you/SP} leave the room where {you sleep/{he/she} {sleeps/slept}}? Would you say every day, most days, some days, rarely, or never?

CODES

- | | |
|---|------------------------------|
| 1 | EVERY DAY (7 DAYS A WEEK) |
| 2 | MOST DAYS (5-6 DAYS A WEEK) |
| 3 | SOME DAYS (2-4 DAYS A WEEK) |
| 4 | RARELY (ONCE A WEEK OR LESS) |
| 5 | NEVER |
| | REFUSED |
| | DON'T KNOW |

PROGRAMMER INSTRUCTIONS:

If MO12 = 5 (never leaves room), set DIDN'T LEAVE ROOM SLEEPS flag = 1 (yes).

BOX MO13**BOX MO13**

NOT ON FILE

If DECEASED flag = 1 (YES), and Mo12 = 5 (NEVER), go to MO25.
 Else if DECEASED = 1 (YES), go to MO18.
 Else if MO12 = 5 (NEVER), go to MO23.
 Else if CANE flag = 1 (YES), go to MO13.
 Otherwise, go to BOX MO14.

MO18**mo11insdhlp**

R11 MO18 GOT HELP INSIDE

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "of {his/her} life" and "lived".
 Otherwise, display "lives" and "{your/his/her} home {or building}".

If STRUCTURE flag = 2 (multi-unit), display "or building".

If FACILITY flag = 1 (YES), display "a staff person from the place where {you live/{he/she} {lives/lived}}".

QUESTION TEXT:

In the last month {of {his/her} life}, did anyone ever help {you/SP} get around inside {{your/his/her} home {or building}}?

IF NEEDED: This includes family, friends, {a staff person from the place where {you live/{he/she} {lives/lived}}, or someone paid to help {you/{him/her}}.

CODES

- | | |
|---|------------|
| 1 | YES |
| 2 | NO |
| | REFUSED |
| | DON'T KNOW |

If DECEASED flag = 1 (YES) and MO18 = 2 (NO), RF, or DK, go to MO25.
 Else if MO18 = 2 (NO), RF, or DK, go to MO21.
 Otherwise, go to MO19A.

MO19A

op11insdhlp

R11 MO19A HELPS SP INSIDE HOUSE

op11relatnshp

R11 RELASHIP TO SP UPDATE AND NEW

DISPLAY INSTRUCTIONS:

Display HELPER RELATIONSHIP CODE LIST.

If DECEASED flag = 1 (YES), display "lived".
 Otherwise, display "lives" and "{your/SP's} home {or building}".

If FACILITY flag = 1 (YES), display "a staff person from the place where {you live/{he/she} {lives/lived},".

If STRUCTURE flag = 2 (multi-unit), display "or building".

Display person roster with FIRST NAME, LAST NAME, and RELATIONSHIP TO SP. Allow entry for FIRST NAME, LAST NAME, and RELATIONSHIP TO SP fields.

If FACILITY flag=1(YES) or RETIREMENT COMMUNITY flag=1(YES), display SERVICE/SOMEONE FROM THE PLACE SP LIVES/LIVED on the person roster.

Display "first" and "last" in underlined text.

QUESTION TEXT:

Who helped with that (getting around inside {{your/SP's} home {or building}})?

IF NEEDED: This includes family, friends, {a staff person from the place where {you live/{he/she} {lives/lived}},} or someone paid to help {you/{him/her}}.

PROBE: Anyone else?

SELECT ALL THAT APPLY

IF PERSON NAMED IS NOT ON THE ROSTER, PRESS CTRL/P TO ADD A PERSON

MO19b. [What is (his/her) first name?] CONFIRM SPELLING
 MO19c. [What is (his/her) last name?] CONFIRM SPELLING
 MO19d. [What is {his/her} relationship to {you/SP}?] PRESS F1 FOR HELP SCREEN

CODES

- 2 SPOUSE/PARTNER
- 3 DAUGHTER
- 4 SON
- 5 DAUGHTER-IN-LAW
- 6 SON-IN-LAW
- 7 STEPDAUGHTER
- 8 STEPSON
- 9 SISTER
- 10 BROTHER
- 11 SISTER-IN-LAW
- 12 BROTHER-IN-LAW
- 13 MOTHER
- 14 STEPMOTHER
- 15 MOTHER-IN-LAW

16	FATHER
17	STEPFATHER
18	FATHER-IN-LAW
19	GRANDDAUGHTER
20	GRANDSON
21	NIECE
22	NEPHEW
23	AUNT
24	UNCLE
25	COUSIN
26	STEPDAUGHTER'S SON/DAUGHTER
27	STEPSON'S SON/DAUGHTER
28	DAUGHTER-IN-LAW'S SON/DAUGHTER
29	SON-IN-LAW'S SON/DAUGHTER
30	BOARDER/RENTER
31	PAID AIDE/HOUSEKEEPER/EMPLOYEE
32	ROOMMATE
33	EX-WIFE/EX-HUSBAND
34	BOYFRIEND/GIRLFRIEND
35	NEIGHBOR
36	FRIEND
37	SOMEONE/SERVICE AT THE PLACE SP LIVES/LIVED
38	CO-WORKER
39	MINISTER, PRIEST, OR OTHER CLERGY
40	PSYCHIATRIST, PSYCHOLOGIST, COUNSELOR, OR THERAPIST
91	OTHER RELATIVE
92	OTHER NONRELATIVE

PROGRAMMER INSTRUCTIONS:

For each roster selection/addition at MO19, set HELPSAROUNDINSIDE flag = 1 (yes).

BOX MO20

BOX MO20

NOT ON FILE

If DECEASED flag = 1 (YES), go to MO25.

Otherwise, go to MO20.

MO25

mo11bedhlp

R11 MO25 GOT HELP OUT OF BED

DISPLAY INSTRUCTIONS:

If FACILITY flag = 1 (yes), display "a staff person from the place where {you live/{he/she} {lives/lived}},".

If DECEASED flag = 1 (YES), display "of {his/her} life" and "lived".

Otherwise, display "lives".

QUESTION TEXT:

In the last month {of {his/her} life}, did anyone ever help {you/SP} get out of bed?

IF NEEDED: This includes family, friends, {a staff person from the place where {you live/{he/she} {lives/lived}},} or someone paid to help {you/him/her}.

CODES

1	YES
2	NO
	REFUSED
	DON'T KNOW

If DECEASED flag = 1 (YES) and MO25 = 2 (NO), RF, or DK, go to Section DM - Duration of Mobility Accommodations.

Else if MO25 = 2 (NO), RF, or DK, go to MO27.
Otherwise, go to MO25A.

MO25A

op11bedhip

R11 MO25A HELPS SP OUT OF BED

op11relatnshp

R11 RELASHIP TO SP UPDATE AND NEW

DISPLAY INSTRUCTIONS:

Display HELPER RELATIONSHIP CODES.

Display PERSON ROSTER with FIRST NAME, LAST NAME, and RELATIONSHIP TO SP. Allow entry for FIRST NAME, LAST NAME, and RELATIONSHIP TO SP fields.

If FACILITY flag=1(YES) or RETIREMENT COMMUNITY flag=1(YES), display SERVICE/SOMEONE FROM THE PLACE SP LIVES/LIVED on the PERSON ROSTER.

Display "first" and "last" in underlined text

QUESTION TEXT:

Who helped {you/SP} do that (get out of bed)?

PROBE: Anyone else?

SELECT ALL THAT APPLY

IF PERSON NAMED IS NOT ON THE ROSTER, PRESS CTRL/P TO ADD A PERSON.

MO25b. [What is (his/her) first name?] CONFIRM SPELLING

MO25c. [What is (his/her) last name?] CONFIRM SPELLING

MO25d. [What is (his/her) relationship to {you/SP}?] PRESS F1 FOR HELP SCREEN

CODES

- 2 SPOUSE/PARTNER
- 3 DAUGHTER
- 4 SON
- 5 DAUGHTER-IN-LAW
- 6 SON-IN-LAW
- 7 STEPDAUGHTER
- 8 STEPSON
- 9 SISTER
- 10 BROTHER
- 11 SISTER-IN-LAW
- 12 BROTHER-IN-LAW
- 13 MOTHER
- 14 STEPMOTHER
- 15 MOTHER-IN-LAW
- 16 FATHER
- 17 STEPFATHER
- 18 FATHER-IN-LAW
- 19 GRANDDAUGHTER
- 20 GRANDSON

- 21 NIECE
- 22 NEPHEW
- 23 AUNT
- 24 UNCLE
- 25 COUSIN
- 26 STEPDAUGHTER'S SON/DAUGHTER
- 27 STEPSON'S SON/DAUGHTER
- 28 DAUGHTER-IN-LAW'S SON/DAUGHTER
- 29 SON-IN-LAW'S SON/DAUGHTER
- 30 BOARDER/RENTER
- 31 PAID AIDE/HOUSEKEEPER/EMPLOYEE
- 32 ROOMMATE
- 33 EX-WIFE/EX-HUSBAND
- 34 BOYFRIEND/GIRLFRIEND
- 35 NEIGHBOR
- 36 FRIEND
- 37 SOMEONE/SERVICE AT THE PLACE SP LIVES/LIVED
- 38 CO-WORKER
- 39 MINISTER, PRIEST, OR OTHER CLERGY
- 40 PSYCHIATRIST, PSYCHOLOGIST, COUNSELOR, OR THERAPIST
- 91 OTHER RELATIVE
- 92 OTHER NONRELATIVE

PROGRAMMER INSTRUCTIONS:

For each roster selection/addition at MO25, set HELPSOUTBED flag = 1 (yes).

BOX MO26

BOX MO26

NOT ON FILE

If DECEASED flag = 1 (YES), go to Section DM - Duration of Mobility Accommodations.

Otherwise, go to MO26.

Derived Variables from Items in MO Section	
mo11douthelp	R11 D GO OUTSIDE USING HELP
mo11dinsdhelp	R11 D MOVE INSIDE WITH HELP
mo11dbedhelp	R1q D HELP TO GET OUT OF BED

NHATS Round 11: Last Month of Life

Section **DM** [DURATION OF MOBILITY ACCOMMODATIONS]

Sequence: 22

BOX DM1

BOX DM1

NOT ON FILE

If DECEASED flag = 1 (YES) and (LAST INT Status = 64 or 61), go to Section SC ☐ Self-Care Activities. Else if (LAST INT Status=64), go to Section DT – Driving & Transportation.

Else if DECEASED flag=1 (YES) and [Combined MONTH OF DEATH and YEAR OF DEATH= Combined LAST INT interview month and LAST INT interview year or the month after the LAST INT interview month and LAST INT interview year(LAST INT interview month+1) or Month of Death=DK or RF], go to Section SC – Self-Care Activities.

Else if [LAST INT MO6, MO18, and MO25 <>1 (YES)] and [CURRENT INT MO6, MO18, or MO25 = 1 (YES)], go to DM3C.

Else if [LAST INT MO6, MO18, or MO25 = 1 (YES)] and [CURRENT INT MO6, MO18, and MO25 <>1 (YES)], go to DM3D.

Else if [LAST INT MO6, MO18, OR MO25 = 1 (YES)] and [CURRENT INT MO6, MO18, OR MO25 = 1 (YES)], go to DM3E.

Otherwise, go to DM1.

DM1

dm11helpmobil

R11 DM1 GET HELP WITH MOBILITY

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "Between" and "{LAST INT MONTH AND YEAR}" and "and {MONTH AND YEAR OF DEATH}" and "inside, or going outside".

Otherwise, display "Since" and "{LAST INT MONTH AND YEAR}" and "{your/his/her} home {or building}, or {leaving {your/his/her} home/leaving {your/his/her} building}".

If DECEASED flag <>1 (YES) and STRUCTURE flag = 2 (MULTI-UNIT), display "or building", and "leaving {your/his/her} building".

Otherwise, if DECEASED flag <>1 (YES) and STRUCTURE flag <> 2 (MULTI-UNIT), display "leaving {your/his/her} home".

Display "year" in bold underlined text.

QUESTION TEXT:

{Between/Since}{LAST INT MONTH AND YEAR} {and {MONTH AND YEAR OF DEATH}}, did {you/SP} ever get help with getting out of bed, getting around {inside, or going outside} {{your/his/her} home {or building}, or {leaving {your/his/her} home/leaving {your/his/her} building}}?

CODES

1	YES	
2	NO	BOX DM4
	REFUSED	BOX DM4
	DON'T KNOW	BOX DM4

DM3C

dm11helpstmo

R11 DM3C MONTH MOBIL HELP STARTED

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "of {his/her} life".

If DM1 = 1 (YES), do not display the first sentence and display "any of these activities".

Otherwise, display question intro according to the following instructions:

If CURRENT INT MO25 = 1 (YES), display "getting out of bed".

If CURRENT INT MO18 = 1 (YES) and DECEASED flag = 1 (YES), display "getting around inside". Otherwise if CURRENT INT MO18 = 1 (YES), display "getting around {your/his/her} home {or building}".

If CURRENT INT MO6 = 1 (YES) and DECEASED flag = 1 (YES), display "going outside". Otherwise if CURRENT INT MO6 = 1 (YES), display "leaving {your/his/her} home/leaving {your/his/her} building".

If more than one activity displayed, display "and" between each one, and "any of these activities".

Otherwise, if only one activity displayed, display "that".

If STRUCTURE flag = 2 (MULTI-UNIT), display "or building", and "leaving {your/his/her} building".

Display "first" in bold underlined text.

Display "MONTH" in underlined text.

QUESTION TEXT:

{In the last month {of {his/her} life} {you/SP} got help with {getting out of bed} {{getting around {your/his/her} home {or building}}/ {{leaving {your/his/her} home/leaving {your/his/her} building }} {{getting around inside} {going outside}}, and at the time of the last interview in {LAST INT MONTH AND YEAR}, {you were/SP was} not getting this help.}

In what month since {LAST INT MONTH AND YEAR}, did {you/SP} first get help with {that/any of these activities}?

ENTER MONTH

IF LAST INTERVIEW INFORMATION IS INCORRECT, ENTER 90

ENTER NUMBER

Range	1 to 12
REFUSED	BOX DM3D
DON'T KNOW	BOX DM3D

PROGRAMMER INSTRUCTIONS:

Hard range: 1-12 and 90

If DM3c=90, go to BOX DM4

DM3C1

dm11helpstyr

R11 DM3C1 YEAR MOBIL HELP STARTED

DISPLAY INSTRUCTIONS:

Display "4-DIGIT YEAR" in underlined text.

QUESTION TEXT:

[In what month and year since {LAST INT MONTH AND YEAR}, did {you/SP} first get help with {that/any of these activities}?)

ENTER 4-DIGIT YEAR

ENTER NUMBER

REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Soft Range: CURRENT YEAR-1 to CURRENT YEAR

Hard Range: R1 INT to CURRENT YEAR

Combined month and year cannot be before date of last interview. If date is before date of last interview, display error message #15.

BOX DM3D**BOX DM3D**

NOT ON FILE

If [LAST INT MO6, MO18, and MO25 <>1 (YES)] and [CURRENT INT MO6, MO18, or MO25 = 1 (YES)], go to BOX DM4.

Otherwise, go to DM3D.

DM3D**dm11helpendmo**

R11 DM3D MONTH MOBIL HELP ENDED

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "of {his/her} life".

If DM1 = 1 (YES), do not display the first sentence and display "any of these activities".

Otherwise display question intro according to the following instructions:

If LAST INT MO25 = 1 (YES), display "getting out of bed".

If LAST INT MO18 = 1 (YES) and DECEASED flag = 1 (YES), display "getting around inside". Otherwise if LAST INT MO18 = 1 (YES), display "getting around {your/his/her} home {or building}".

If LAST INT MO6 = 1 (YES) and DECEASED flag = 1 (YES), display "going outside". Otherwise if LAST INT MO6 = 1 (YES), display "leaving {your/his/her} home/leaving {your/his/her} building".

If more than one activity displayed, display "and" between each one and "any of these activities". Otherwise, if only one activity displayed, display "that".

If LAST INT STRUCTURE flag = 2 (MULTI-UNIT), display "or building", and "leaving {your/his/her} building".

Display "last" in the phrase "last get help" in bold underlined text.

Display "MONTH" in underlined text.

QUESTION TEXT:

{At the time of the last interview in {LAST INT MONTH AND YEAR}, {you/SP} got help with {getting out of bed} {{getting around {your/his/her} home {or building}} {{leaving {your/his/her} home/leaving {your/his/her} building}}/{{getting around inside} {going outside}}, and in the last month {of{his/her} life} {you were/SP was} not getting this help.}

In what month since {LAST INT MONTH AND YEAR}, did {you/SP} last get help with {that/any of these activities}?

ENTER MONTH

IF LAST INTERVIEW INFORMATION IS INCORRECT, ENTER 90

ENTER NUMBER

Range

1 to 12

REFUSED

BOX DM4

DON'T KNOW

BOX DM4

PROGRAMMER INSTRUCTIONS:

Hard range: 1-12 and 90

If DM3c=90, go to BOX DM4

DM3D1**dm11helpendyr**

R11 DM3D1 YEAR MOBIL HELP ENDED

DISPLAY INSTRUCTIONS:

Display "4-DIGIT YEAR" in underlined text.

QUESTION TEXT:

[In what month and year since {LAST INT MONTH AND YEAR}, did {you/SP} first get help with {that/any of these activities}?:]

ENTER 4-DIGIT YEAR

ENTER NUMBER

REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Soft Range: CURRENT YEAR-1 to CURRENT YEAR
Hard Range: R1 INT to CURRENT YEAR

Combined month and year cannot be before date of last interview. If date is before date of last interview, display error message #15.

Go to BOX DM4.

DM3E

dm11nohelp

R11 DM3E NO MOBIL HELP MTH PLUS

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "of {his/her} life" and "Between {LAST INT MONTH AND YEAR} and {MONTH AND YEAR DIED}".
Otherwise, display "Since {LAST INT MONTH AND YEAR}".

If LAST INT MO25 = 1 (YES), display "getting out of bed".
If LAST INT MO18 = 1 (YES), and DECEASED flag = 1 (YES), display "getting around inside". Otherwise if LAST INT MO18 = 1 (YES), display "getting around {your/his/her} home {or building}".
If LAST INT MO6 = 1 (YES) and DECEASED flag = 1 (YES), display "going outside". Otherwise if LAST INT MO6 = 1 (YES), display "leaving {your/his/her} home/leaving {your/his/her} building".

If more than one activity displayed, display "and" between each one.

If STRUCTURE flag = 2 (MULT-UNIT), display "or building" and "leaving {your/his/her} building".

QUESTION TEXT:

In the last month {of his/her} life} {you/SP} got help with {getting out of bed} {{getting around {your/his/her} home {or building}} {leaving {your/his/her} home/leaving {your/his/her} building}}/{{getting around inside} {going outside}}, and at the time of the last interview in {LAST INT MONTH AND YEAR} {you were/{he/she} was} also getting help like this.

{Between {LAST INT MONTH AND YEAR} and {MONTH AND YEAR DIED}/Since {LAST INT MONTH AND YEAR}}, did {you/he/she} go without help like this for a month or more?

CODES

1	YES	
2	NO	BOX DM4
90	LAST INTERVIEW INFORMATION	BOX DM4
	INCORRECT	BOX DM4
	REFUSED	BOX DM4
	DON'T KNOW	

DM3F

dm11nohelpmos

R11 DM3F MONTHS OF NO MOBIL HELP

QUESTION TEXT:

For about how many months altogether did {you/SP} go without help like this?

ENTER NUMBER

Range 1 to 24

REFUSED
DON'T KNOW

BOX DM4

BOX DM4

NOT ON FILE

If [LAST INT CANE flag, WALKER flag, WHEELCHAIR flag, and SCOOTER flag <> 1 (YES)] and [CURRENT INT CANE flag, WALKER flag, WHEELCHAIR flag, or SCOOTER flag = 1 (YES)], go to DM6C.

If [LAST INT CANE flag, WALKER flag, WHEELCHAIR flag or SCOOTER flag = 1 (YES)], and [CURRENT INT CANE flag, WALKER flag, WHEELCHAIR flag, and SCOOTER flag <> 1 (YES)], go to DM6D.

If [LAST INT CANE flag, WALKER flag, WHEELCHAIR flag, or SCOOTER flag = 1 (YES)] and [CURRENT INT CANE flag, WALKER flag, WHEELCHAIR flag, or SCOOTER flag = 1 (YES)], go to DM6E.

Otherwise, go to DM4.

DM4

dm11lstycane

R11 DM4 IN LST YR USE CANE WALKER

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "Between" and "and {MONTH AND YEAR OF DEATH}".

Otherwise, display "Since".

QUESTION TEXT:

{Between/Since} {LAST INT MONTH AND YEAR} {and {MONTH and YEAR OF DEATH}}, did {you/SP} ever use a cane, walker, wheelchair, or scooter?

CODES

1	YES	
2	NO	BOX DM7
	REFUSED	BOX DM7
	DON'T KNOW	BOX DM7

DM6C

dm11devstmo

R11 DM6C MONTH DEVICE USE STARTED

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "of {his/her} life".

If DM4 = 1 (YES), do not display first sentence and display "any of these devices".

Otherwise, display question text according to the following directions:

If CURRENT INT CANE flag = 1 (YES), display "a cane".

If CURRENT INT WALKER flag = 1 (YES), display "a walker".

If CURRENT INT WHEELCHAIR flag = 1 (YES), display "a wheelchair".

If CURRENT INT SCOOTER flag = 1 (YES), display "a scooter".

If more than one device displayed, display "and" between each one and "these devices." Otherwise, if only one device displayed, display "this device".

If more than one device displayed, display "any of these devices". Otherwise, if only one device displayed, display name of device.

Display "first" in bold underlined text.

Display "MONTH" in underlined text.

QUESTION TEXT:

{In the last month {of {his/her} life}, {you/SP} used {a cane} {a walker} {a wheelchair} {a scooter} and at

the time of the last interview in {LAST INT MONTH AND YEAR}, {you were/SP was} not using {this device/these devices}.

In what month since {LAST INT MONTH AND YEAR} did {you/SP} first use {{a cane/a walker/a wheelchair/ a scooter}/any of these devices}?

ENTER MONTH

IF LAST INTERVIEW INFORMATION IS INCORRECT, ENTER 90

ENTER NUMBER

Range
REFUSED
DON'T KNOW

1 to 12
BOX DM6D
BOX DM6D

PROGRAMMER INSTRUCTIONS:

Hard range: 1-12 and 90

If DM6C=90, go to BOX DM7

DM6C1

dm11devstyr

R11 DM6C1 YEAR DEVICE USE STARTED

DISPLAY INSTRUCTIONS:

Display "4-DIGIT YEAR" in underlined text.

QUESTION TEXT:

[In what month and year since {LAST INT MONTH AND YEAR} did {you/SP} first use {{a cane/a walker/ a wheelchair/ a scooter}/any of these devices}?

ENTER 4-DIGIT YEAR

ENTER NUMBER

REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Soft Range: CURRENT YEAR-1 to CURRENT YEAR

Hard Range: R1 INT to CURRENT YEAR

Combined month and year cannot be before date of last interview. If date is before date of last interview, display error message #15.

BOX DM6D

BOX DM6D

NOT ON FILE

If [LAST INT CANE flag, WALKER flag, WHEELCHAIR flag, and SCOOTER flag <> 1 (YES)] and [CURRENT INT CANE flag, WALKER flag, WHEELCHAIR flag, or SCOOTER flag = 1 (YES)], go to BOX DM7.

Otherwise, go to DM6D.

DM6D

dm11devendmo

R11 DM6D MONTH DEVICE USE ENDED

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "of {his/her} life".

If DM4 = 1 (YES), do not display first sentence and display "any of these devices".

Otherwise display question intro according to the following instructions:

If LAST INT CANE flag = 1 (YES), display "a cane".
If LAST INT WALKER flag = 1 (YES), display "a walker".
If LAST INT WHEELCHAIR flag = 1 (YES), display "a wheelchair".
If LAST INT SCOOTER flag = 1 (YES), display "a scooter".

If more than one device displayed, display "and" between each one and "any of these devices".
Otherwise, if only one device displayed, display "this device".

Display "last" in the phrase "last use" in bold underlined text.

Display "MONTH" in underlined text.

QUESTION TEXT:

{At the time of the last interview in {LAST INT MONTH AND YEAR}, {you/SP} used {a cane} {a walker} {a wheelchair} {a scooter} and in the last month {of {his/her} life}, {you were/SP was} not using {this device/any of these devices}.

In what month since {LAST INT MONTH AND YEAR} did {you/SP} last use {this device/any of these devices}?

ENTER MONTH

IF LAST INTERVIEW INFORMATION IS INCORRECT, ENTER 90

CODES

Range	1 to 12
REFUSED	BOX DM7
DON'T KNOW	BOX DM7

PROGRAMMER INSTRUCTIONS:

Hard range: 1-12 and 90

If DM6D=90, go to BOX DM7

DM6D1

dm11devendyr

R11 DM6D1 YEAR DEVICE USE ENDED

DISPLAY INSTRUCTIONS:

Display "4-DIGIT YEAR" in underlined text.

QUESTION TEXT:

In what month and year since {LAST INT MONTH AND YEAR} did {you/SP} LAS use {{a cane/a walker/ a wheelchair/ a scooter}/any of these devices}?

ENTER 4-DIGIT YEAR

ENTER NUMBER

REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Soft Range: CURRENT YEAR-1 to CURRENT YEAR

Hard Range: R1 INT to CURRENT YEAR

Combined month and year cannot be before date of last interview. If date is before date of last interview, display error message #15.

Go to BOX DM7.

DM6E

dm11nodev

R11 DM6E NO DEVICE MONTH PLUS

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display "of {his/her} life".

For both sentences:

If more than one device displayed, display "and" between each one.

First sentence fill:

If CURRENT INT CANE flag = 1 (YES), display "a cane".

If CURRENT INT WALKER flag = 1 (YES), display "a walker".

If CURRENT INT WHEELCHAIR flag = 1 (YES), display a "wheelchair".

If CURRENT INT SCOOTER flag = 1 (YES), display "a scooter".

Second sentence fill:

If LAST INT CANE flag = 1 (YES), display "a cane".

If LAST INT WALKER flag = 1 (YES), display "a walker".

If LAST INT WHEELCHAIR flag = 1 (YES), display "a wheelchair".

If LAST INT SCOOTER flag = 1 (YES), display "a scooter."

QUESTION TEXT:

In the last month {of {his/her} life}, {you/SP} used {a cane} {a walker} {a wheelchair} {a scooter}. At the time of the last interview in {LAST INT MONTH AND YEAR}, {you were/{he/she} was} using {a cane} {a walker} {a wheelchair} {a scooter}.

Since {LAST INT MONTH AND YEAR}, did {you/SP} go without using any devices for a month or more?

CODES

1	YES	
2	NO	BOX DM7
90	LAST INTERVIEW INFORMATION	BOX DM7
	INCORRECT	BOX DM7
	REFUSED	BOX DM7
	DON'T KNOW	

DM6F

dm11nodevmos

R11 DM6F MONTHS OF NO DEVICE

QUESTION TEXT:

For about how many months altogether did {you/SP} go without devices?

ENTER NUMBER

Range 1 to 24
REFUSED
DON'T KNOW

BOX DM7

BOX DM7

NOT ON FILE

If DECEASED flag = 1 (YES), go to Section SC - Self-Care Activities.
Otherwise, go to Section DT - Driving and Transportation.

Derived Variables from Items in DM Section

dmds11dintvl	R11 D MONTHS BETWEEN LAST INT AND EITHER CURRENT INT OR DATE OF DEATH
dm11dmohlp	R11 D MONTHS OF MOBILITY HELP
dm11dmodev	R11 D MONTHS OF MOBILITY DEVICE HELP
dm11dmohlpgr	R11 D MOBILITY HELP GROUP

dm11dmodevgr

R11 D MOBILITY DEVICE GROUP

dm11flag

R11 D SPECIAL CASES DM SECTION ROUTE

NHATS Round 11: Last Month of Life

Section SC [SELF-CARE ACTIVITIES]

Sequence: 25

SC1PRE

SC1PRE

NOT ON FILE

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display “SP ate”.
Otherwise, display “you eat/SP eats”.

Now I have a few questions about how {{you eat/SP eats}}/SP ate}.

PRESS 1 AND ENTER TO CONTINUE

SC1

sc11eatdev

R11 SC1 EVER USE ADAPTED UTENSILS

DISPLAY INSTRUCTIONS:

Display “adapted” in bold underlined text.

If DECEASED flag = 1 (YES), display “of {his/her} life”.

QUESTION TEXT:

In the last month {of {his/her} life}, did {you/SP} ever use adapted utensils to help {you/{him/her}} eat or cut {your/{his/her}} food?

IF NEEDED: Adapted utensils include things like easy-to-grip silverware, knives that rock, and plates with high sides.

CODES

1 YES
2 NO
7 ALWAYS FED THROUGH IV OR TUBE
REFUSED
DON'T KNOW

BOX SC2

BOX SC2

NOT ON FILE

If SC1 = 7 (FEEDING TUBE), go to SC7PRE.

Else if DECEASED flag = 1 (YES), go to SC3.

Else if SC1 = 1 (YES), go to SC2.

Otherwise, go to SC3.

SC3

sc11eathlp

R11 SC3 DID ANYONE HELP YOU EAT

DISPLAY INSTRUCTIONS:

If FACILITY flag = 1 (YES), display “a staff person from the place where {you live/{he/she}} {lives/lived}”,
If DECEASED flag = 1 (YES), display “of {his/her} life” and “lived”.
Otherwise, display “lives”.

QUESTION TEXT:

In the last month {of {his/her} life}, did anyone ever help {you/SP} eat, for instance, by cutting up food or feeding {you/{him/her}}?

IF NEEDED: This includes family, friends, {a staff person from the place where {you live/{he/she} {lives/lived}},} or someone paid to help {you/{him/her}}.

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

BOX SC3A

BOX SC3A

NOT ON FILE

If SC3=1 (YES), go to SC3a.

Else if DECEASED flag=1 (YES), go to SC7PRE.

Otherwise, go to SC5.

SC3A

op11eathlp

R11 SC3A HELPS SP WITH EATING

op11relatnshp

R11 RELASHIP TO SP UPDATE AND NEW

DISPLAY INSTRUCTIONS:

Display HELPER RELATIONSHIP CODES.

Display PERSON ROSTER with FIRST NAME, LAST NAME, and RELATIONSHIP TO SP. Allow entry for FIRST NAME, LAST NAME, and RELATIONSHIP TO SP fields.

If FACILITY flag = 1 (YES) or RETIREMENTCOMMUNITY flag = 1 (YES), display SERVICE/SOMEONE FROM THE PLACE SP LIVES/DIED on the PERSON ROSTER.

Display "first" and "last" in underlined text.

QUESTION TEXT:

Who helped {you/SP} eat?

PROBE: Anyone else?

SELECT ALL THAT APPLY

IF PERSON NAMED IS NOT ON THE ROSTER, PRESS CTRL/P TO ADD A PERSON.

SC3b. [What is (his/her) first name?] CONFIRM SPELLING

SC3c. [What is (his/her) last name?] CONFIRM SPELLING

SC3d. [What is (his/her) relationship to {you/SP}?] PRESS F1 FOR HELP SCREEN

CODES

- 2 SPOUSE/PARTNER
- 3 DAUGHTER
- 4 SON
- 5 DAUGHTER-IN-LAW
- 6 SON-IN-LAW
- 7 STEPDAUGHTER
- 8 STEPSON
- 9 SISTER
- 10 BROTHER
- 11 SISTER-IN-LAW
- 12 BROTHER-IN-LAW
- 13 MOTHER
- 14 STEPMOTHER
- 15 MOTHER-IN-LAW

- 16 FATHER
- 17 STEPFATHER
- 18 FATHER-IN-LAW
- 19 GRANDDAUGHTER
- 20 GRANDSON
- 21 NIECE
- 22 NEPHEW
- 23 AUNT
- 24 UNCLE
- 25 COUSIN
- 26 STEPDAUGHTER'S SON/DAUGHTER
- 27 STEPSON'S SON/DAUGHTER
- 28 DAUGHTER-IN-LAW'S SON/DAUGHTER
- 29 SON-IN-LAW'S SON/DAUGHTER
- 30 BOARDER/RENTER
- 31 PAID AIDE/HOUSEKEEPER/EMPLOYEE
- 32 ROOMMATE
- 33 EX-WIFE/EX-HUSBAND
- 34 BOYFRIEND/GIRLFRIEND
- 35 NEIGHBOR
- 36 FRIEND
- 37 SOMEONE/SERVICE AT THE PLACE SP LIVES/LIVED
- 38 CO-WORKER
- 39 MINISTER, PRIEST, OR OTHER CLERGY
- 40 PSYCHIATRIST, PSYCHOLOGIST, COUNSELOR, OR THERAPIST
- 91 OTHER RELATIVE
- 92 OTHER NONRELATIVE

PROGRAMMER INSTRUCTIONS:

For each roster selection/addition at SC3, set HELPSWITHEATING flag = 1 (yes).

BOX SC4	BOX SC4	NOT ON FILE
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If DECEASED flag=1 (YES), go to SC7PRE.

Otherwise, go to SC4.

SC7PRE	SC7PRE	NOT ON FILE
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DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display “SP got”.

Otherwise, display “you get/SP gets”.

Now I have a few questions about how {{you get/SP gets}/SP got} cleaned up.

PRESS 1 AND ENTER TO CONTINUE

SC7	sc11showrbat1	R11 SC7 SP SHOWERED
	sc11showrbat2	R11 SC7 SP TOOK BATHS IN A TUB
	sc11showrbat3	R11 SC7 SP WASHED SOME OTHR WAY

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display “of {his/her} life” and “{he/she} took”.

Otherwise, display “you take/{he/she} takes”.

QUESTION TEXT:

In the last month {of {his/her} life}, how did {you/SP} usually clean {yourself/himself/herself} up? By taking a shower, bathing in a tub, or washing up some other way?

IF NEEDED: Do not include whirlpool baths {you take/{he/she} takes}/{he/she} took} for therapy.

SELECT ALL THAT APPLY

- | | |
|--------------|----------------------------|
| CODES | Code All That Apply |
| 1 | SHOWERED |
| 2 | TOOK BATHS IN A TUB |
| 3 | WASHED UP SOME OTHER WAY |
| | REFUSED |
| | DON'T KNOW |

PROGRAMMER INSTRUCTIONS:

If SC7 = 1 (showered) and SC7 # 2 (took baths) and SC7 # 3 (washed up), set SHOWERING flag = 1 (yes).
If SC7 = 2 (took baths) and SC7 # 1 (showered) and SC7 # 3 (washed up), set TAKINGBATHS flag = 1 (yes).
If SC7 = 3 (washed up) and SC7 # 1 (showered) and SC7 # 2 (took baths), set WASHINGUP flag = 1 (yes).

BOX SC7A **BOX SC4A** NOT ON FILE

If DECEASED flag = 1 (YES) and SC7 = 1 (SHOWERED), 2 (BATHS), or 3 (WASH OTHER WAY), go to SC7A.
Else if DECEASED flag <> 1 (YES) and more than one response to SC7, go to SC8.
Else if DECEASED flag <> 1 (YES) and only one response at SC7, go to BOX SC9.
Otherwise, if SC7 = RF or DK, go to SC16PRE.

SC7A **sc11bdevdec** R11 SC7A USE BATH DEVICE IN LML

DISPLAY INSTRUCTIONS:

If SC7=1 display "showering".
If SC7=2 display "bathing".
If SC7=3 display "washing up".

If more than one answer displayed, separate by "or".

QUESTION TEXT:

In the last month of {his/her} life, did {SP} ever use grab bars or a shower or tub seat when {showering/bathing/washing up}?

IF NEEDED: A grab bar is designed to help you steady yourself. It may be attached to the wall or built into the shower or tub. A shower or tub seat is a chair, stool, or bench used in the shower or bathtub. Some seats are placed in the shower or tub, others are built in.

- | | |
|--------------|------------|
| CODES | |
| 1 | YES |
| 2 | NO |
| | REFUSED |
| | DON'T KNOW |

PROGRAMMER INSTRUCTIONS:

Go to SC11.

DISPLAY INSTRUCTIONS:

If SC7 = 1 (showered) or SHOWERING flag = 1 (YES), display “shower”.
 If SC7 = 2 (took baths) or TAKINGBATHS flag = 1 (YES), display “take a bath”.
 If SC7 = 3 (washed up) or WASHINGUP flag = 1 (YES), display “wash up”.
 If more than one answer displayed, separate by “or”.

If FACILITY flag = 1 (YES), display “a staff person from the place where {you live/{he/she}}{lives/lived}”.
 If DECEASED flag = 1 (YES), display “of {his/her} life” and “lived”.
 Otherwise, display “lives”.

QUESTION TEXT:

In the last month {of {his/her} life}, did anyone ever help {you/SP} {shower/ take a bath/wash up}?

IF NEEDED: This includes family, friends, {a staff person from the place where {you live/{he/she}}{lives/lived}}, or someone paid to help {you/{him/her}}.

CODES

- 1 YES
- 2 NO
REFUSED
DON'T KNOW

BOX SC11A

BOX SC11A

NOT ON FILE

If SC11=1 (YES), go to SC11a.
 Else if DECEASED flag=1 (YES), go to SC16PRE.
 Otherwise, go to SC13.

SC11A

op11bathhlp

R11 SC11A HELPS SP WITH BATHING

op11relatnshp

R11 RELASHIP TO SP UPDATE AND NEW

DISPLAY INSTRUCTIONS:

If SHOWERING flag = 1 (yes), display “shower”.
 If TAKINGBATHS flag = 1 (yes), display “take a bath”.
 If WASHINGUP flag = 1 (yes), display “wash up”.

Display HELPER RELATIONSHIP CODES.

Display PERSON ROSTER with FIRST NAME, LAST NAME, and RELATIONSHIP TO SP. Allow entry for FIRST NAME, LAST NAME, and RELATIONSHIP TO SP fields.

If FACILITY flag = 1 (YES) or RETIREMENTCOMMUNITY flag = 1 (YES), display SERVICE/SOMEONE FROM THE PLACE SP LIVES/DIED on the PERSON ROSTER.

Display "first" and "last" in underlined text.

QUESTION TEXT:

Who helped {you/SP} {shower/take a bath/wash up}?

PROBE: Anyone else?

SELECT ALL THAT APPLY

IF PERSON NAMED IS NOT ON THE ROSTER, PRESS CTRL/P TO ADD A PERSON.

SC11b. [What is (his/her) first name?] CONFIRM SPELLING

SC11c. [What is (his/her) last name?] CONFIRM SPELLING

SC11d. [What is (his/her) relationship to {you/SP}?] PRESS F1 FOR HELP SCREEN

CODES

2	SPOUSE/PARTNER
3	DAUGHTER
4	SON
5	DAUGHTER-IN-LAW
6	SON-IN-LAW
7	STEPDAUGHTER
8	STEPSON
9	SISTER
10	BROTHER
11	SISTER-IN-LAW
12	BROTHER-IN-LAW
13	MOTHER
14	STEPMOTHER
15	MOTHER-IN-LAW
16	FATHER
17	STEPFATHER
18	FATHER-IN-LAW
19	GRANDDAUGHTER
20	GRANDSON
21	NIECE
22	NEPHEW
23	AUNT
24	UNCLE
25	COUSIN
26	STEPDAUGHTER'S SON/DAUGHTER
27	STEPSON'S SON/DAUGHTER
28	DAUGHTER-IN-LAW'S SON/DAUGHTER
29	SON-IN-LAW'S SON/DAUGHTER
30	BOARDER/RENTER
31	PAID AIDE/HOUSEKEEPER/EMPLOYEE
32	ROOMMATE
33	EX-WIFE/EX-HUSBAND
34	BOYFRIEND/GIRLFRIEND
35	NEIGHBOR
36	FRIEND
37	SOMEONE/SERVICE AT THE PLACE SP LIVES/LIVED
38	CO-WORKER
39	MINISTER, PRIEST, OR OTHER CLERGY
40	PSYCHIATRIST, PSYCHOLOGIST, COUNSELOR, OR THERAPIST
91	OTHER RELATIVE
92	OTHER NONRELATIVE

PROGRAMMER INSTRUCTIONS:

For each roster selection/addition at SC11, set HELPSWITHBATHING flag = 1 (YES).

BOX SC12

BOX SC12

NOT ON FILE

If DECEASED flag = 1 (YES), go to SC16PRE.

Otherwise, go to SC12.

SC16PRE

SC16PRE

NOT ON FILE

QUESTION TEXT:

Now I have a few questions about using the toilet.

IF NEEDED: These questions may seem a bit personal, but they are very important for research on aging and health trends.

PRESS 1 AND ENTER TO CONTINUE

SC16

sc11usvartoi1

R11 SC16 SP USED PORTABLE COMMODOE

sc11usvartoi2

R11 SC16 SP USED PADS UNDERGMT

sc11usvartoi3

R11 SC16 USED GRABBARS FR TOILET

sc11usvartoi4

R11 SC16 USED RAISED TOILET SEAT

DISPLAY INSTRUCTIONS:

Use "Same Question Stem" display for SC16 [a-d]

DISPLAY "In the last month" IN BOLD UNDERLINED TEXT

If at SC16a, do not display question text in brackets.
Otherwise, display question text in brackets.

For SC16a, if IS3 = 1 (SP is male), display “, portable urinal”.
For SC16d, if IS3 = 1 (SP is male), display “, portable urinals”.

If TOILETGRABBAR flag = 1 (yes) or DECEASED flag=1 (YES), display variable text {c}.
If RAISEDTOILET flag = 1 (yes) or DECEASED flag=1 (YES), display variable text {d}.

If DECEASED flag = 1 (YES), display “of {his/her} life” and “did SP ever use”.
Otherwise, display “{have you/has SP} ever used”.

QUESTION TEXT:

{In the last month {of {his/her} life}, {{have you/has SP} ever used}}/{did SP ever use}}}

{variable text [a-d]}

RESPONSE [1] a. a portable commode { portable urinal,} or bedpan?

RESPONSE [2] b. disposable pads or undergarments to help prevent accidentally wetting or soiling {your/{his/her}} clothes?

{RESPONSE [3] c. grab bars around the toilet?

IF NEEDED: A grab bar is designed to help you steady yourself. It may be attached to the wall or part of a frame that goes over the toilet. Do not include towel racks.}

{RESPONSE [4] d. a raised toilet or raised toilet seat?

IF NEEDED: This includes a toilet seat that is elevated higher than usual, either because the toilet or the seat is raised, or a seat with arms that fits over the toilet. Do not include portable commodes {portable urinals,} or bedpans.}

CODES

1 YES
2 NO
REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Array the responses and variable text columns in the panel.
Display 'variable text' in the a-d sequence until all rows have been displayed.

SC17

sc11toilhelp

R11 SC17 ANYON HLP YOU USE TOILET

DISPLAY INSTRUCTIONS:

If FACILITY flag = 1 (YES), display "a staff person from the place where {you live/{he/she} {lives/lived}}".
If DECEASED flag = 1 (YES), display "of {his/her} life" and "lived".
Otherwise, display "lives".

QUESTION TEXT:

In the last month {of {his/her} life}, did anyone ever help {you/SP} use the toilet?

IF NEEDED: This includes family, friends, {a staff person from the place where {you live/{he/she} {lives/lived}},} or someone paid to help {you/{him/her}}.

CODES

- 1 YES
- 2 NO
REFUSED
DON'T KNOW

BOX SC17A

BOX SC171

NOT ON FILE

If SC17 = 1 (YES), go to SC17A.

Else if DECEASED flag = 1 (YES), go to SC21PRE.

Otherwise, go to SC19.

SC17A

op11toilhelp

R11 SC17A HELPS SP WITH TOILETING

op11relatnshp

R11 RELASHIP TO SP UPDATE AND NEW

DISPLAY INSTRUCTIONS:

Display HELPER RELATIONSHIP CODES.

Display PERSON ENTRY with FIRST NAME, LAST NAME, and RELATIONSHIP TO SP. Allow entry for FIRST NAME, LAST NAME, and RELATIONSHIP TO SP fields.

If FACILITY flag = 1 (YES) or RETIREMENTCOMMUNITY flag = 1 (YES), display SERVICE/SOMEONE FROM THE PLACE SP LIVES/LIVED on the PERSON ROSTER.

Display "first" and "last" in underlined text

QUESTION TEXT:

Who helped {you/SP} use the toilet?

PROBE: Anyone else?

SELECT ALL THAT APPLY

IF PERSON NAMED IS NOT ON THE ROSTER, PRESS CTRL/P TO ADD A PERSON.

SC17b. [What is (his/her) first name?] CONFIRM SPELLING
SC17c. [What is (his/her) last name?] CONFIRM SPELLING
SC17d. [What is (his/her) relationship to {you/SP}?] [PRESS F1 FOR HELP SCREEN]

CODES

2	SPOUSE/PARTNER
3	DAUGHTER
4	SON
5	DAUGHTER-IN-LAW
6	SON-IN-LAW
7	STEPDAUGHTER
8	STEPSON
9	SISTER
10	BROTHER
11	SISTER-IN-LAW
12	BROTHER-IN-LAW
13	MOTHER
14	STEPMOTHER
15	MOTHER-IN-LAW
16	FATHER
17	STEPFATHER
18	FATHER-IN-LAW
19	GRANDDAUGHTER
20	GRANDSON
21	NIECE
22	NEPHEW
23	AUNT
24	UNCLE
25	COUSIN
26	STEPDAUGHTER'S SON/DAUGHTER
27	STEPSON'S SON/DAUGHTER
28	DAUGHTER-IN-LAW'S SON/DAUGHTER
29	SON-IN-LAW'S SON/DAUGHTER
30	BOARDER/RENTER
31	PAID AIDE/HOUSEKEEPER/EMPLOYEE
32	ROOMMATE
33	EX-WIFE/EX-HUSBAND
34	BOYFRIEND/GIRLFRIEND
35	NEIGHBOR
36	FRIEND
37	SOMEONE/SERVICE AT THE PLACE SP LIVES/LIVED
38	CO-WORKER
39	MINISTER, PRIEST, OR OTHER CLERGY
40	PSYCHIATRIST, PSYCHOLOGIST, COUNSELOR, OR THERAPIST
91	OTHER RELATIVE
92	OTHER NONRELATIVE

PROGRAMMER INSTRUCTIONS:

For each roster selection/addition at SC17, set HELPSWITHTOILETING flag = 1 (YES).

BOX SC18**BOX SC18**

NOT ON FILE

If DECEASED flag = 1 (YES), go to SC21PRE

Otherwise, go to SC18.

SC21PRE**SC21PRE**

NOT ON FILE

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display “a person”.

Otherwise, display “{you/SP}”.

QUESTION TEXT:

The next few questions are about getting dressed. By getting dressed we mean changing out of the clothes {{you/SP}/a person} slept in.

PRESS 1 AND ENTER TO CONTINUE

SC21

sc11dresoft

R11 SC21 OFTEN YOU GET DRESSED

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display “of {his/her} life”.

QUESTION TEXT:

SHOW CARD SC4

In the last month {of {his/her} life}, did {you/SP} get dressed every day, most days, some days, rarely, or never?

CODES

- 1 EVERY DAY (7 DAYS A WEEK)
- 2 MOST DAYS (5-6 DAYS A WEEK)
- 3 SOME DAYS (2-5 DAYS A WEEK)
- 4 RARELY (ONCE A WEEK OR LESS)
- 5 NEVER
- REFUSED
- DON'T KNOW

BOX SC22

BOX SC22

NOT ON FILE

If SC21=1, 2, 3 or 4, go to SC22.

Else if DECEASED flag = 1 (YES), go to Section DS – Duration of Self Care Activities

Otherwise, go to Box SC27.

SC22

sc11dresdev

R11 SC22 USE SPECL ITEMS TO DRESS

DISPLAY INSTRUCTIONS:

If DECEASED flag = 1 (YES), display “of {his/her} life”.

QUESTION TEXT:

In the last month {of {his/her} life}, did {you/SP} use any special items to get dressed, such as a button hook, reacher or grabber, or clothes that are designed to get on and off easily?

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

SC23

sc11dreshlp

R11 SC23 ANYONE HELP GET DRESSED

DISPLAY INSTRUCTIONS:

If IS3 = 2 (SP is female), display “or bra”.

DISPLAY "In the last month" IN BOLD UNDERLINED TEXT

If FACILITY flag = 1 (YES), display “a staff person from the place where {you live/{he/she} {lives/lived},”.

If DECEASED flag = 1 (YES), display “of {his/her} life” and “lived”.

Otherwise, display “lives”.

QUESTION TEXT:

In the last month {of {his/her} life}, did anyone ever help {you/SP} get dressed, for instance, by getting clothing over {your/{his/her}} head, helping with clothing behind {your/{his/her}} back like a belt {or bra}, or helping {you/{him/her}} put on socks or shoes?

IF NEEDED: This includes family, friends, {a staff person from the place where {{you live/{he/she} {lives/lived}},} or someone paid to help {you/{him/her}}.

CODES

- 1 YES
- 2 NO
- REFUSED
- DON'T KNOW

BOX SC23A

BOX SC23A

NOT ON FILE

If SC23 = 1 (YES), go to SC23A.

Else if DECEASED flag = 1 (YES), go to Section DS – Duration of Self Care Activities.

Otherwise, go to SC25.

SC23A

op11dreshp

R11 SC23A HELPS SP WITH DRESSING

op11relatnshp

R11 RELASHIP TO SP UPDATE AND NEW

DISPLAY INSTRUCTIONS:

Display HELPER RELATIONSHIP CODES.

Display PERSON ROSTER with FIRST NAME, LAST NAME, and RELATIONSHIP TO SP. Allow entry for FIRST NAME, LAST NAME, and RELATIONSHIP TO SP fields.

If FACILITY flag = 1 (YES) or RETIREMENTCOMMUNITY flag = 1 (YES), display SERVICE/SOMEONE FROM THE PLACE SP LIVES/LIVED on the PERSON ROSTER.

Display "first" and "last" in bold underlined text.

QUESTION TEXT:

Who helped {you/SP} get dressed?

PROBE: Anyone else?

SELECT ALL THAT APPLY

IF PERSON NAMED IS NOT ON THE ROSTER, PRESS CTRL/P TO ADD A PERSON.

SC23b. [What is (his/her) first name?] CONFIRM SPELLING

SC23c. [What is (his/her) last name?] CONFIRM SPELLING

SC23d. [What is (his/her) relationship to {you/SP}?] PRESS F1 FOR HELP SCREEN

CODES

2	SPOUSE/PARTNER
3	DAUGHTER
4	SON
5	DAUGHTER-IN-LAW
6	SON-IN-LAW
7	STEPDAUGHTER
8	STEPSON
9	SISTER
10	BROTHER
11	SISTER-IN-LAW
12	BROTHER-IN-LAW
13	MOTHER
14	STEPMOTHER
15	MOTHER-IN-LAW
16	FATHER
17	STEPFATHER
18	FATHER-IN-LAW
19	GRANDDAUGHTER
20	GRANDSON
21	NIECE
22	NEPHEW
23	AUNT
24	UNCLE
25	COUSIN
26	STEPDAUGHTER'S SON/DAUGHTER
27	STEPSON'S SON/DAUGHTER
28	DAUGHTER-IN-LAW'S SON/DAUGHTER
29	SON-IN-LAW'S SON/DAUGHTER
30	BOARDER/RENTER
31	PAID AIDE/HOUSEKEEPER/EMPLOYEE
32	ROOMMATE
33	EX-WIFE/EX-HUSBAND
34	BOYFRIEND/GIRLFRIEND
35	NEIGHBOR
36	FRIEND
37	SOMEONE/SERVICE AT THE PLACE SP LIVES/LIVED
38	CO-WORKER
39	MINISTER, PRIEST, OR OTHER CLERGY
40	PSYCHIATRIST, PSYCHOLOGIST, COUNSELOR, OR THERAPIST
91	OTHER RELATIVE
92	OTHER NONRELATIVE

PROGRAMMER INSTRUCTIONS:

For each roster selection/addition at SC23, set HELPSWITHDRESSING flag = 1 (YES).

BOX SC24**BOX SC24****NOT ON FILE**

If DECEASED flag = 1 (YES), go to Section DS – Duration of Self-Care Activities.

Otherwise, go to SC24.

Derived Variables from Items in SC Section

sc11deatdevi	R11 D USES DEVICES WHILE EATING
sc11deathelp	R11 D HAS HELP EATING
sc11dbathdevi	R11 D USES DEVICES WHILE BATHING
sc11dbathhelp	R11 D HAS HELP WHILE BATHING
sc11dtoildevi	R11 D USES DEVICES WHILE TOILETING
sc11dtoilhelp	R11 D HAS HELP WHILE TOILETING
sc11dresdevi	R11 D USES DEVICES WHILE DRESSING
sc11dreshelp	R11 D HAS HELP WHILE DRESSING

Flag variables set in SC Section

fl11showering	R11 F SC SP USES SHOWER
fl11takingbth	R11 F SC SP TAKES BATHS
fl11washingup	R11 F SC SP WASHES OTHER WAY

Display question intro according to the following instructions:
 If CURRENT INT SC3 = 1 (YES), display "eating".
 If CURRENT INT SC11 = 1 (YES), display "getting cleaned up".
 If CURRENT INT SC17 = 1 (YES), display "using the toilet".
 If CURRENT INT SC23 = 1 (YES), display "getting dressed".

If more than one activity displayed, display "and" between each one.

QUESTION TEXT:

In the last month {of {his/her} life}, {you/SP} got help with {eating} {getting cleaned up} {using the toilet} {getting dressed}, and in {LAST INT MONTH AND YEAR} {you were/{he/she} was} also getting help like this.

{Between {LAST INT MONTH AND YEAR} and {MONTH AND YEAR DIED}/Since {LAST INT MONTH AND YEAR}}, did {you/{he/she}} go without help like this for a month or more?

CODES

1	YES	
2	NO	BOX DS4
90	LAST INTERVIEW INFORMATION INCORRECT	BOX DS4
	REFUSED	BOX DS4
	DON'T KNOW	BOX DS4

DS3F

ds11nohelpmos

R11 DS3F MONTHS OF NO SELF CARE HELP

QUESTION TEXT:

For about how many months altogether did {you/SP} go without help like this?

ENTER NUMBER

Range 1 to 24
 REFUSED
 DON'T KNOW

BOX DS4

BOX DS4

NOT ON FILE

If DECEASED flag = 1 (YES) and NOTALERT flag = 1 (YES), go to Section HM – LML Helpers.

Else if DECEASED flag = 1 (YES), go to Section PA - Participation.

Derived Variables from Items in DS Section

dmds11dintvl	R11 D MONTHS BETWEEN LAST INT AND EITHER CURRENT INT OR DATE OF DEATH
ds11dschlp	R11 D MONTHS OF SELF CARE HELP
ds11dschlpg	R11 D SELF CARE HELP GROUP
ds11flag	R11 D SPECIAL CASES DS SECTION ROUTE

NHATS Round 11: Last Month of Life

Section PA [PARTICIPATION]

Sequence: 28

BOX PA1PRE **BOX PA1PRE** NOT ON FILE

If DECEASED flag=1 (YES), go to BOX PA25.

Otherwise, go to PA1PRE.

BOX PA25 **BOX PA25** NOT ON FILE

If DECEASED flag = 1 (YES) and (R5 FAVACT= 95 (NO ACTIVITY LISTED INCLUDING R1 or R5 61s AND 64s)), go to Section HM – LML Helpers.

Else if R5 FAVACT= 95 (NO ACTIVITY LISTED), go to Section RH – Rehabilitation .

Otherwise, go to PA25A.

PA25A **pa11dofavact** R11 PA25A GET TO DO FAV ACT LST YR

DISPLAY INSTRUCTIONS:

Display PA25A and PA26 on the same screen.

If DECEASED flag = 1 (YES), display "Between the last interview in {LAST INT MONTH AND YEAR} and the time of {SP}'s death in {MONTH AND YEAR OF DEATH}, did {he/she} get to do this".

Otherwise, display, "Since the last interview in {LAST INT MONTH AND YEAR}, {have you/has SP} done this

activity".

For "R5 FAVACT TEXT" display text response from R5 FAVACT.

QUESTION TEXT:

{SP}'S FAVORITE ACTIVITY WAS
{R5 FAVACT TEXT}.

IF NO ACTIVITY LISTED, DO NOT READ QUESTION AND ENTER 95.

IF ACTIVITY LISTED, ASK:

During an earlier interview, we learned that {your/{SP}'s} favorite activity was {R5 FAVACT TEXT}.

{Since the last interview in {LAST INT MONTH AND YEAR}, {have you/has SP} done this activity/Between the last interview in {LAST INT MONTH AND YEAR} and the time of {SP}'s death in {MONTH AND YEAR OF DEATH}, did {he/she} get to do this?}

CODES

1	YES
2	NO
	REFUSED
	DON'T KNOW

BOX PA26 **BOX PA26** NOT ON FILE

If DECEASED flag = 1 (YES), go to Section HM – LML Helpers.

Otherwise go to PA26A.

Derived Variables From Items in PA Section

pa5dfavact	R5 D FAVORITE ACTIVITY AT R5
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NHATS Round 11

Section HM [LML HELPERS]

Sequence: 36

BOX HM1PRE

BOX HM1PRE

NOT ON FILE

If no PERSON ROSTER MEMBERS are flagged = 1 (YES) for
(HELPSGOOUTSIDE or
HELPSAROUNDINSIDE or
HELPSOUTOFBED or
HELPSWITHEATING or
HELPSWITHBATHING or
HELPSWITHTOILETING or
HELPSWITHDRESSING)
go to Section CC – Caregiver Contact Info.

Else if the only PERSON ROSTER MEMBERS flagged = 1 (YES) for
(HELPSGOOUTSIDE or
HELPSAROUNDINSIDE or
HELPSOUTOFBED or
HELPSWITHEATING or
HELPSWITHBATHING or
HELPSWITHTOILETING or
HELPSWITHDRESSING)
are STAFF PERSON FROM PLACE SP LIVED, go to Section CC – Caregiver Contact Info.

Otherwise, go to BOX HM1.

BOX HM1

op11lmlhelper

R11 BXHM1 ELIGIBLE HM SECTION

For each PERSON ROSTER MEMBER flagged = 1 (YES) for
HELPSGOOUTSIDE or
HELPSAROUNDINSIDE or
HELPSOUTOFBED or
HELPSWITHEATING or
HELPSWITHBATHING or
HELPSWITHTOILETING or
HELPSWITHDRESSING
who is not a STAFF PERSON FROM PLACE SP LIVED, set HELPER flag =1 (YES).

Write HELPER flag to PERSON ROSTER for each roster member.

Loop through HM1-BOX HM4 for each PERSON ROSTER MEMBER with a HELPER flag = 1 (YES).

HM1

op11prsninh

R11 OP IN HOUSEHOLD UPDATE AND NEW

DISPLAY INSTRUCTIONS:

Do not display introductory text.

If PROXY flag <> 1 display “Were {PERSON ROSTER MEMBER FIRSTNAME LASTNAME}”.
Otherwise, display “Were you”.

QUESTION TEXT:

{As part of the NHATS study, we are also talking with some of {SP}'s family and unpaid helpers by telephone. I just need to determine who is eligible.}

{Were {PERSON ROSTER MEMBER FIRSTNAME LASTNAME}/Were you} and {SP} living together during the last month of {his/her} life?

CODES

- 1 YES
- 2 NO
REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

If HM1 = 1 (YES), set INHH flag = 1 (YES) and write INHH flag to PERSON ROSTER for roster member.

BOX HM2

BOX HM2

NOT ON FILE

If PERSON ROSTER member relationship = 2-29 or 91 (RELATIVE) or 31 (PAID AIDE/HOUSEKEEPER/EMPLOYEE), go to BOX HM4.

Otherwise, go to HM3.

HM3

op11lmlpaidhelpr

R11 HM3 LML HELPER IS PAID

DISPLAY INSTRUCTIONS:

If PROXY flag <> 1 display "Was {PERSON ROSTER MEMBER FIRSTNAME LASTNAME}".
Otherwise display "Were you".

QUESTION TEXT:

{Was {PERSON ROSTER MEMBER FIRSTNAME LASTNAME}/Were you} paid to provide help to {SP} in the last month of {his/her} life?

IF NEEDED: By paid help, we mean paid by someone as part of a job.

CODES

- 1 YES
- 2 NO
REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:

If HM3 = 1 (YES), set PAIDHELP flag = 1 (YES) and write PAIDHELP flag response to PERSON ROSTER for roster member.

BOX HM4

BOX HM4

NOT ON FILE

Go to HM1 for next PERSON ROSTER MEMBER with HELPER flag=1 (YES).

Otherwise, if no additional PERSON ROSTER MEMBER with HELPER flag=1 (YES), go to Section CC – Caregiver Contact Info.