**NHATS Round 7: Last Month of Life**

<table>
<thead>
<tr>
<th>Section</th>
<th>MO</th>
<th>[MOBILITY]</th>
<th>Sequence: 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>MO1PRE</td>
<td>MO1PRE</td>
<td>NOT ON FILE</td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>MO1</th>
<th>mo7outoft</th>
<th>R7 MO1 OFTEN GO OUTSIDE</th>
</tr>
</thead>
</table>

**DISPLAY INSTRUCTIONS:**

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

**QUESTION TEXT:**

SHOW CARD MO1

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

<table>
<thead>
<tr>
<th>CODES</th>
<th>CODES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EVERY DAY (7 DAYS A WEEK)</td>
</tr>
<tr>
<td>2</td>
<td>MOST DAYS (5-6 DAYS A WEEK)</td>
</tr>
<tr>
<td>3</td>
<td>SOME DAYS (2-4 DAYS A WEEK)</td>
</tr>
<tr>
<td>4</td>
<td>RARELY (ONCE A WEEK OR LESS)</td>
</tr>
<tr>
<td>5</td>
<td>NEVER</td>
</tr>
<tr>
<td></td>
<td>REFUSED</td>
</tr>
<tr>
<td></td>
<td>DON'T KNOW</td>
</tr>
</tbody>
</table>

**PROGRAMMER INSTRUCTIONS:**

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

<table>
<thead>
<tr>
<th>BOX MO2</th>
<th>BOX MO2</th>
<th>NOT ON FILE</th>
</tr>
</thead>
</table>

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.

<table>
<thead>
<tr>
<th>MO6</th>
<th>mo7outhlp</th>
<th>R7 MO6 HELP GO OUTSIDE</th>
</tr>
</thead>
</table>

**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/SP] {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].

<table>
<thead>
<tr>
<th>CODES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>YES</td>
</tr>
<tr>
<td>2</td>
<td>NO</td>
</tr>
<tr>
<td></td>
<td>REFUSED</td>
</tr>
<tr>
<td></td>
<td>DON'T KNOW</td>
</tr>
</tbody>
</table>

**MO6A**

**BOX MO6A**

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.

**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

<table>
<thead>
<tr>
<th>CODES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>SPOUSE/PARTNER</td>
</tr>
<tr>
<td>3</td>
<td>DAUGHTER</td>
</tr>
<tr>
<td>4</td>
<td>SON</td>
</tr>
<tr>
<td>5</td>
<td>DAUGHTER-IN-LAW</td>
</tr>
<tr>
<td>6</td>
<td>SON-IN-LAW</td>
</tr>
</tbody>
</table>
Stepdaughter
Stepson
Sister
Brother
Sister-in-law
Brother-in-law
Mother
Stepmother
Mother-in-law
Father
Stepfather
Father-in-law
Granddaughter
Grandson
Sister-in-law
Brother-in-law
Mother-in-law
Foster daughter
Foster son
Foster child
Foster sibling
Foster parent
Foster relative
Foster 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.
DISPLAY INSTRUCTIONS:
If DECEASED flag = 1 (YES), display “of {his/her} life” and “slept”.
Otherwise, display “sleeps”.

QUESTION TEXT:
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).

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.

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**

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
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<tbody>
<tr>
<td>op7insdlhp</td>
<td>R7 MO19A HELPS SP INSIDE HOUSE</td>
<td></td>
</tr>
<tr>
<td>op7reltnshp</td>
<td>R7 RELASHIP TO SP UPDATE AND NEW</td>
<td></td>
</tr>
</tbody>
</table>

**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/hiher}.

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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>SPOUSE/PARTNER</td>
</tr>
<tr>
<td>3</td>
<td>DAUGHTER</td>
</tr>
<tr>
<td>4</td>
<td>SON</td>
</tr>
<tr>
<td>5</td>
<td>DAUGHTER-IN-LAW</td>
</tr>
<tr>
<td>6</td>
<td>SON-IN-LAW</td>
</tr>
<tr>
<td>7</td>
<td>STEPDAUGHTER</td>
</tr>
<tr>
<td>8</td>
<td>STEPSION</td>
</tr>
<tr>
<td>9</td>
<td>SISTER</td>
</tr>
<tr>
<td>10</td>
<td>BROTHER</td>
</tr>
<tr>
<td>11</td>
<td>SISTER-IN-LAW</td>
</tr>
<tr>
<td>12</td>
<td>BROTHER-IN-LAW</td>
</tr>
<tr>
<td>13</td>
<td>MOTHER</td>
</tr>
<tr>
<td>14</td>
<td>STEPMOTHER</td>
</tr>
<tr>
<td>15</td>
<td>MOTHER-IN-LAW</td>
</tr>
</tbody>
</table>
If DECEASED flag = 1 (YES), go to MO25.
Otherwise, go to MO20.

MO25

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
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  STEPDAGHER'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).

<table>
<thead>
<tr>
<th>BOX MO26</th>
<th>BOX MO26</th>
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</tr>
</thead>
</table>

If DECEASED flag = 1 (YES), go to Section DM - Duration of Mobility Accommodations.
Otherwise, go to MO26.

**Derived Variables from Items in MO Section**

<table>
<thead>
<tr>
<th>mo7douthelp</th>
<th>R7 D GO OUTSIDE USING HELP</th>
</tr>
</thead>
<tbody>
<tr>
<td>mo7dinsdhelp</td>
<td>R7 D MOVE INSIDE WITH HELP</td>
</tr>
<tr>
<td>mo7dbedhelp</td>
<td>R7 D HELP TO GET OUT OF BED</td>
</tr>
</tbody>
</table>