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## NHATS Round 4

Section MO [MOBILITY]

Sequence: 18

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**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

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**MO1**

**mo4outoft**

R4 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

**PROGRAMMERS INSTRUCTIONS:**

If MO1 = 5 (NEVER) SET DIDNTLEAVE FLAG TO 1 (YES)

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**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.

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**MO2**

**mo4outcane**

R4 MO2 CANE USED OUTSIDE

**QUESTION TEXT:**

SHOW CARD MO2

In the last month, when {you/SP} left {your/his/her} {home/building} to go outside, how often did

{you/he/she} use {your/his/her} cane? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES
- 4 RARELY
- 5 NEVER
- REFUSED
- DON'T KNOW

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**BOX MO3**

**BOX MO3**

NOT ON FILE

IF WALKER FLAG=1 (YES), GO TO MO3  
ELSE GO TO BOX MO4

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**MO3**

**mo4outwalkr**

R4 MO3 WALKER USED OUTSIDE

**QUESTION TEXT:**

SHOW CARD MO2

In the last month, when {you/SP} left {your/his/her} {home/building} to go outside, how often did {you/he/she} use {your/his/her} walker? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES
- 4 RARELY
- 5 NEVER
- REFUSED
- DON'T KNOW

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**BOX MO4**

**BOX MO4**

NOT ON FILE

If WHEELCHAIR flag = 1 (yes), go to MO4.  
Otherwise, go to BOX MO5.

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**MO4**

**mo4outwlchr**

R4 MO4 WHEELCHAIR USED OUTSIDE

**QUESTION TEXT:**

SHOW CARD MO2

In the last month, when {you/SP} left {your/his/her} {home/building} to go outside, how often did {you/he/she} use {your/his/her} wheelchair? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES
- 4 RARELY
- 5 NEVER
- REFUSED

DON'T KNOW

---

**BOX MO5**

**BOX MO5**

NOT ON FILE

If SCOOTER flag = 1 (yes), go to MO5.  
Otherwise, go to MO6.

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**MO5**

**mo4outsctr**

R4 MO5 SCOOTER USED OUTSIDE

**QUESTION TEXT:**

SHOW CARD MO2

In the last month, when {you/SP} left {your/his/her} {home/building} to go outside, how often did {you/he/she} use {your/his/her} scooter? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES
- 4 RARELY
- 5 NEVER
- REFUSED
- DON'T KNOW

---

**MO6**

**mo4outhlp**

R4 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

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**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.

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**MO6A**

**op4outhlp**

R4 MO6A HELPS SP GO OUTSIDE

**op4relatnshp**

R4 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/DIED 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.

**MO7**

**mo4outsif**

R4 MO7 LEFT BY YOURSELF

**DISPLAY INSTRUCTIONS:**

DISPLAY "{by {yourself/himself/herself}" IN BOLD UNDERLINED TEXT

**QUESTION TEXT:**

SHOW CARD MO3

In the last month, when {you/SP} left {your/his/her} {home/building} to go outside, how often did {you/he/she} do this by {yourself/himself/herself}? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

1	MOST TIMES	
2	SOMETIMES	
3	RARELY	
4	NEVER	MO9
	REFUSED	
	DON'T KNOW	

**MO8**

**mo4outdif**

R4 MO8 HOW DIFFICULT

**DISPLAY INSTRUCTIONS:**

DISPLAY "by {yourself/himself/herself}" IN BOLD UNDERLINED TEXT

If MO2 = 1,2,3, or 4 (uses cane when leaving building or MO3 = 1,2,3, or 4 (uses walker when leaving building) or MO4 = 1,2,3, or 4 (uses wheelchair when leaving building) or MO5 = 1,2,3, or 4 (uses scooter when leaving building), display "when {you/SP} used {your/his/her} {cane/walker/wheelchair/scooter}".

If MO2 = 1,2,3, or 4 (uses cane when leaving building), display "cane".

If MO3 = 1,2,3, or 4 (uses walker when leaving building), display "walker".

If MO4 = 1,2,3, or 4 (uses wheelchair when leaving building), display "wheelchair".

If MO5 = 1,2,3, or 4 (uses scooter when leaving building), display "scooter".

If more than one (MO2, MO3, MO4, MO5) = 1,2,3, or 4 (used inside), insert "or" between the names of the devices.

**QUESTION TEXT:**

In the last month, {when {you/SP} used {your/his/her} {cane / walker / wheelchair / scooter}}, how much difficulty did {you/{he/she}} have leaving {your/his/her} {home/building} to go outside by

{yourself/himself/herself}? Would you say none, a little, some, or a lot?

**CODES**

- 1 NONE
- 2 A LITTLE
- 3 SOME
- 4 A LOT
- REFUSED
- DON'T KNOW

---

**MO9**

**mo4outyrgo**

R4 MO9 HOW OFTEN LEAVE

**DISPLAY INSTRUCTIONS:**

DISPLAY "a year ago" IN BOLD UNDERLINED TEXT

**QUESTION TEXT:**

Compared to a year ago, {do you/does SP} now leave {your/his/her} {home/building} more often, less often or about the same?

**CODES**

- 1 MORE OFTEN
- 2 LESS OFTEN
- 3 ABOUT THE SAME
- REFUSED
- DON'T KNOW

---

**BOX MO10**

**BOX MO10**

NOT ON FILE

If MO6 = 2 (no help to go outside) and MO8 = 1 (no difficulty going outside by self), go to MO11PRE.

Otherwise, go to MO10.

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**MO10**

**mo4outwout**

R4 MO10 STAYED IN NO HELP

**DISPLAY INSTRUCTIONS:**

DISPLAY "by {yourself/himself/herself}" IN BOLD UNDERLINED TEXT

If MO1 = 5 (never left building) or MO7 = 4 (never left building by self), display "no one was there to help {you/him/her} go out".

Otherwise display "{you/he/she} had difficulty going out by {yourself/himself/herself}"..

**QUESTION TEXT:**

In the last month, did {you/SP} ever have to stay in {your/his/her} {home/building} because {no one was there to help {you/him/her} go out/ {you/he/she} had difficulty going out by {yourself/himself/herself}}?

**CODES**

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

---

**MO11PRE**

**MO11PRE**

NOT ON FILE

**DISPLAY INSTRUCTIONS:**

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

**QUESTION TEXT:**

These next few questions are about getting around inside {your/SP's} home {or building}.

PRESS 1 AND ENTER TO CONTINUE

**BOX MO11**

**BOX MO11**

NOT ON FILE

If STRUCTURE flag = 2 (multi-unit), go to Mo11  
Otherwise, go to BOX MO12.

**MO11**

**mo4oftgoarea**

R4 MO11 HOW OFTEN GO OTHER AREAS

**DISPLAY INSTRUCTIONS:**

If FACILITY flag = 1 (yes), display “{apartment/room/unit/suite/other}”.  
Otherwise, display “home”.

**QUESTION TEXT:**

SHOW CARD MO1

In the last month, how often did {you /SP} leave {your/his/her} {home/{apartment/room/unit/suite/other}} to go into other areas of the building? 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

**PROGRAMMERS INSTRUCTIONS:**

If MO1 = 5 (NEVER) SET DIDNTLEAVE FLAG TO 1 (YES)

**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**

**mo4oflvslepr**

R4 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 each roster selection/addition at HA25, set HELPEDWITHMEALS flag = 1 (yes).

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**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.

---

**MO13**

**mo4insdcane**

R4 MO13 OFTEN USED CANE INSIDE

**QUESTION TEXT:**

SHOW CARD MO2

In the last month, when {you/SP} left {your/his/her} {home/building} to go outside, how often did {you/he/she} use {your/his/her} cane? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES
- 4 RARELY
- 5 NEVER  
REFUSED  
DON'T KNOW

---

**BOX MO14**

**BOX MO14**

NOT ON FILE

If WALKER flag = 1 (yes), go to MO14.  
Otherwise, go to BOX MO15.

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**MO14**

**mo4insdwalkr**

R4 MO14 OFTEN USED WALKER INSIDE

**QUESTION TEXT:**

SHOW CARD MO2

In the last month, when {you/SP} left {your/his/her} {home/building} to go outside, how often did {you/he/she} use {your/his/her} walker? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES



- 4 RARELY
- 5 NEVER
- REFUSED
- DON'T KNOW

**BOX MO15**

**BOX MO15**

NOT ON FILE

If WHEELCHAIR HOME flag = 1 (yes), go to MO15.  
 Otherwise, go to BOX MO16.

**MO15**

**mo4insdwlchr**

R4 MO15 OFT USD WHEELCHAR INSIDE

**DISPLAY INSTRUCTIONS:**

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

**QUESTION TEXT:**

SHOW CARD MO2

In the last month, when {you/SP} went around inside {your/his/her} home {or building}, how often did {you/he/she} use {your/his/her} wheelchair? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES
- 4 RARELY
- 5 NEVER
- REFUSED
- DON'T KNOW

**BOX MO16**

**BOX MO16**

NOT ON FILE

If SCOOTER HOME flag = 1 (yes), go to MO16.  
 Otherwise, go to MO17.

**MO16**

**mo4insdsctr**

R4 MO16 OFTEN USD SCOOTER INSIDE

**DISPLAY INSTRUCTIONS:**

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

**QUESTION TEXT:**

SHOW CARD MO2

In the last month, when {you/SP} went around inside {your/his/her} home {or building}, how often did {you/he/she} use {your/his/her} scooter? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES
- 4 RARELY
- 5 NEVER
- REFUSED

DON'T KNOW

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**MO17**

**mo4oftholdwl**

R4 MO17 OFTEN HOLD WALLS INSIDE

**DISPLAY INSTRUCTIONS:**

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

**QUESTION TEXT:**

SHOW CARD MO2

In the last month, when {you/SP} went around inside {your/his/her} home {or building}, how often did {you/he/she} use {your/his/her} scooter? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES
- 4 RARELY
- 5 NEVER
- REFUSED
- DON'T KNOW

---

**MO18**

**mo4insdhlp**

R4 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

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**BOX MO19A**

**BOX MO19A**

NOT ON FILE

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.

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**MO19A**

**op4insdhlp**

R4 MO19A HELPS SP INSIDE HOUSE

**op4relatnshp**

R4 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/DIED 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).

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<b>BOX MO20</b>	<b>BOX MO20</b>	NOT ON FILE
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If DECEASED FLAG=1 (YES), go to MO25.  
Otherwise, go to MO20.

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<b>MO20</b>	<b>mo4insdself</b>	R4 MO20 HOW OFTEN BY YOURSELF
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**DISPLAY INSTRUCTIONS:**

DISPLAY "by {yourself/himself/herself}" IN BOLD UNDERLINED TEXT

If STRUCTURE flag = 2 (multi-unit), display "or building,".  
Otherwise, display only the comma after "home"

**QUESTION TEXT:**

SHOW CARD MO3

In the last month, when {you/SP} went around inside {your/his/her} home {, /or building,} how often did {you/he/she} do this by {yourself/himself/herself}? Would you say most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES
- 4 RARELY
- NEVER MO22
- REFUSED
- DON'T KNOW

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<b>MO21</b>	<b>mo4insddif</b>	R4 MO21 HOW DIFF GET ARD W DEVCE
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**DISPLAY INSTRUCTIONS:**

DISPLAY "by {yourself/himself/herself}" IN BOLD UNDERLINED TEXT

If MO13 = 1,2,3, or 4 (used cane inside) or MO14 = 1,2,3, or 4 (used walker inside) or MO15 = 1,2,3, or 4 (used wheelchair inside) or MO16 = 1,2,3, or 4 (used scooter inside), display "when {you/SP} used {your/his/her} {cane/walker/wheelchair/scooter}".

If MO13 = 1,2,3, or 4 (used cane inside), display “cane”.  
 If MO14 = 1,2,3, or 4 (used walker inside), display “walker”.  
 If MO15 = 1,2,3, or 4 (used wheelchair inside), display “wheelchair”.  
 If MO16 = 1,2,3, or 4 (used scooter inside), display “scooter”.  
 If more than one (MO13, MO14, MO15, MO16) = 1,2,3, or 4 (used inside), insert “or” between the names of the devices.

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

**QUESTION TEXT:**

In the last month, {when {you/SP} used {your/his/her}{cane/walker/wheelchair/scooter},} how much difficulty did {you/SP} have getting around inside {your/his/her} home {or building} by {yourself/himself/herself}? Would you say none, a little, some, or a lot?

**CODES**

- 1 NONE
- 2 A LITTLE
- 3 SOME
- 4 A LOT
- REFUSED
- DON'T KNOW

**MO22**

**mo4insdyrgo**

R4 MO22 HOW OFTEN COMPRED YR AGO

**DISPLAY INSTRUCTIONS:**

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

DISPLAY "a year ago" IN BOLD UNDERLINED TEXT

**QUESTION TEXT:**

Compared to a year ago, {do you/does SP} now leave {your/his/her} home {or building} more often, less often or about the same?

**CODES**

- 1 MORE OFTEN
- 2 LESS OFTEN
- 3 ABOUT THE SAME
- REFUSED
- DON'T KNOW

**BOX MO23**

**BOX MO23**

NOT ON FILE

If MO18 = 2 (did not get help getting around inside) and MO21= 1 (no difficulty getting around inside), go to MO24PRE.  
 Otherwise, go to MO23.

**MO23**

**mo4insdwout**

R4 MO23 PLACES INSIDE DID NOT GO

**DISPLAY INSTRUCTIONS:**

DISPLAY "by {yourself/himself/herself}" IN BOLD UNDERLINED TEXT

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

If MO20 = 4 (never went around inside by self) or MO12 = 5 (never left room where slept), display “no one was there to help {you/him/her}”.

Otherwise display "it was too difficult to go there by {yourself/himself/herself}".

**QUESTION TEXT:**

In the last month, were there any places in {your/SP's} home {or building} that {you/he/she} did not go because {no one was there to help {you/him/her}/it was too difficult to go there by {yourself/himself/herself}}?

**CODES**

- 1 YES
- 2 NO  
REFUSED  
DON'T KNOW

---

**MO24PRE**

**MO24PRE**

NOT ON FILE

**QUESTION TEXT:**

These next few questions are about getting in and out of bed.

PRESS 1 AND ENTER TO CONTINUE

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**BOX MO24**

**BOX MO24**

NOT ON FILE

If CANE flag = 1 (yes) or WALKER flag = 1 (yes), go to MO24.  
Otherwise, go to MO25.

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**MO24**

**mo4beddev**

R4 MO24 OUT OF BED USED DEVICE

**DISPLAY INSTRUCTIONS:**

If CANE flag = 1 (yes) and WALKER flag is null, display "cane".  
If CANE flag = 1 (yes) and WALKER flag = 1 (yes), display "cane or walker".  
If CANE flag is null and WALKER flag = 1 (yes), display "walker".

**QUESTION TEXT:**

SHOW CARD MO2

In the last month, when {you/SP} got out of bed, how often did {you/he/she} use {your/his/her} {cane / walker / cane or walker} to help? Would you say every time, most times, sometimes, rarely, or never?

**CODES**

- 1 EVERY TIME
- 2 MOST TIMES
- 3 SOMETIMES
- 4 RARELY
- 5 NEVER  
REFUSED  
DON'T KNOW

---

**MO25**

**mo4bedhlp**

R4 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

**BOX MO25A**

**BOX MO25A**

**NOT ON FILE**

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**

**op4bedhlp**

R4 MO25A HELPS SP OUT OF BED

**op4relatnshp**

R4 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/DIED 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 HELPSOUTOFBED flag = 1 (yes).

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<b>BOX MO26</b>	<b>BOX MO26</b>	<b>NOT ON FILE</b>
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If DECEASED flag = 1 (YES), go to Section DM - Duration of Mobility Accommodations.  
 Otherwise, go to MO26.

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<b>MO26</b>	<b>mo4bedslf</b>	<b>R4 MO26 OFT GOT OUT BED BY SLF</b>
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**DISPLAY INSTRUCTIONS:**

DISPLAY "by {yourself/himself/herself}" IN BOLD UNDERLINED TEXT

**QUESTION TEXT:**

SHOW CARD MO3  
 In the last month, when {you/SP} got out of bed, how often did {you/he/she} do this by {yourself/himself/herself}? Would you say most times, sometimes, rarely, or never?

**CODES**

- 1 MOST TIMES



2	SOMETIMES	
3	RARELY	
4	NEVER	MO28
5	REFUSED	
	DON'T KNOW	

**MO27**

**mo4beddif**

R4 MO27 DIFF GET OUT BED BY SELF

**DISPLAY INSTRUCTIONS:**

DISPLAY "by {yourself/himself/herself}" IN BOLD UNDERLINED TEXT

If MO24 = 1,2,3, or 4 (used cane or walker to get out of bed), display “when {you/SP} used {your/his/her} {cane/walker/cane or walker}”.

If CANE flag = 1 (yes) and WALKER flag is null, display “cane”.

If CANE flag = 1 (yes) and WALKER flag = 1 (yes), display “cane or walker”.

If CANE flag is null and WALKER flag = 1 (yes), display “walker”.

**QUESTION TEXT:**

In the last month, {when {you/SP} used {your/his/her} {cane/walker/cane or walker}} how much difficulty did {you/he/she} have getting out of bed by {yourself/himself/herself}? Would you say none, a little, some, or a lot?

**CODES**

1	NONE
2	A LITTLE
3	SOME
4	A LOT
	REFUSED
	DON'T KNOW

**BOX MO28**

**BOX MO28**

NOT ON FILE

If MO25 = 2 (no help getting out of bed) and MO27 = 1 (no difficulty getting out of bed), go to Section DM, Duration of Mobility Accommodations.

Otherwise, go to MO28

**MO28**

**mo4bedwout**

R4 MO28 OFTEN HAD TO STAY IN BED

**DISPLAY INSTRUCTIONS:**

DISPLAY "by {yourself/himself/herself}" IN BOLD UNDERLINED TEXT

If MO26 = 4 (never got out of bed by self), display “no one was there to help {you/him/her}”.

Otherwise display "it was too difficult to get out of bed by {yourself/himself/herself}".

**QUESTION TEXT:**

In the last month, did {you/SP} ever have to stay in bed because {no one was there to help {you/him/her}}/it was too difficult to get out of bed by {yourself/himself/herself}?

**CODES**

1	YES
2	NO
	REFUSED
	DON'T KNOW

### Derived Variables from Items in MO Section

<b>mo4doutsfdf</b>	R4 D EFFORT TO GO OUTSIDE SELF
<b>mo4doutdevi</b>	R4 D GO OUTSIDE USING DEVICES
<b>mo4douthelp</b>	R4 D GO OUTSIDE USING HELP
<b>mo4dinsdsfdf</b>	R4 D MOVE INSIDE SELF
<b>mo4dinsddevi</b>	R4 D MOVE INSIDE WITH DEVICES
<b>mo4dinsdhelp</b>	R4 D MOVE INSIDE WITH HELP
<b>mo4dbedsfdf</b>	R4 D GET OUT OF BED
<b>mo4dbeddevi</b>	R4 D DEVICE USE 2 GET OUT OF BED
<b>mo4dbedhelp</b>	R4 D HELP TO GET OUT OF BED

### Flag Variables Set in MO Section

<b>fl4didntleav</b>	R4 F MO SP DID NOT LEAVE HOME
<b>fl4ntlvrmslp</b>	R4 F MO SP DID NOT LEAVE BEDROOM