**NHATS Round 6**

**Section**

**DM**  
[DURATION OF MOBILITY ACCOMODATIONS]  
Sequence: 19

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### BOX DM1

<table>
<thead>
<tr>
<th>BOX DM1</th>
<th>NOT ON FILE</th>
</tr>
</thead>
</table>

- 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

**dm6helpmobil**  
R6 DM1 GET HELP WITH MOBILITY

**DISPLAY INSTRUCTIONS:**

- IF DECEASED flag = 1 (YES), display "Between" and "and [MONTH AND YEAR OF DEATH]" and "inside, or going outside".
- Otherwise, display "Since" and "[your/his/her] home [or building], or [leaving [your/his/her] home/leaving [your/his/her] building]".
- If STRUCTURE flag = 2 (MULTI-UNIT), display “or building”, and “leaving [your/his/her] building”.
- Otherwise, 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

<table>
<thead>
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<th>Code</th>
<th>Value</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
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<td>BOX DM4</td>
</tr>
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<td>2</td>
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</tr>
<tr>
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</table>

### DM3C

**dm6helpstmo**  
R6 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 MO = 1 (YES) and DECEASED flag = 1 (YES), display "going outside".  
Otherwise if CURRENT INT MO = 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 bold 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 and year 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

<table>
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<th>Range</th>
<th>1 to 12</th>
</tr>
</thead>
<tbody>
<tr>
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<td>BOX DM3D</td>
</tr>
<tr>
<td>DON’T KNOW</td>
<td>BOX DM3D</td>
</tr>
</tbody>
</table>

PROGRAMMER INSTRUCTIONS:

Hard range: 1-12 and 90

If DM3c=90, go to BOX DM4

**DM3C1**

**dm6helpstyr**  
R6 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

<table>
<thead>
<tr>
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<th>BOX DM3D</th>
</tr>
</thead>
<tbody>
<tr>
<td>DON’T KNOW</td>
<td>BOX DM3D</td>
</tr>
</tbody>
</table>

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 DM3D**

**BOX DM3D**  
NOT ON FILE

If [LAST INT MO6, MO18, and MO25 = 2 (NO), RF, or DK] and [CURRENT INT MO6, MO18, or MO25 = 1
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 DM18 = 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 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 NUMBER**

RANGE
REFUSED
DON'T KNOW
1 to 12
BOX DM4
BOX DM4

**PROGRAMMER INSTRUCTIONS:**

Hard range: 1-12 and 90

If DM3c=90, go to BOX DM4

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**DM3D1**

**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} last get help with {that/any of these activities}?]

**ENTER 4-DIGIT YEAR**
REFUSED
DON'T KNOW

PROGRAMMER INSTRUCTIONS:
Soft Range: CURRENT YEAR-1 to CURRENT YEAR
Hard Range: R1 INT MONTH 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  dm6nohelp  R6 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 MON = 1 (YES), display "getting out of bed". If LAST INT MOT = 1 (YES), and DECEASED flag = 1 (YES), display "getting around inside". Otherwise if LAST INT MOT = 1 (YES), display "leaving {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 INCORRECT  BOX DM4
     REFUSED  BOX DM4
     DON'T KNOW  BOX DM4

DM3F  dm6nohelpmos  R6 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.

<table>
<thead>
<tr>
<th>DM4</th>
<th>dm61stycane</th>
<th>R6 DM4 IN LST YR USE CANE WALKER</th>
</tr>
</thead>
</table>

**DISPLAY INSTRUCTIONS:**

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

Otherwise, display "Since" and "{LAST INT MONTH AND YEAR}.

**QUESTION TEXT:**

In the last year/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**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>DM6C</th>
<th>dm6devstmo</th>
<th>R6 DM6C MONTH DEVICE USE STARTED</th>
</tr>
</thead>
</table>

**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/[he/she] was} not using {this device/these devices}.}

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 MONTH

IF LAST INTERVIEW INFORMATION IS INCORRECT, ENTER 90

ENTER NUMBER

Range 1 to 12
REFUSED BOX DM6D
DON'T KNOW BOX DM6D

PROGRAMMER INSTRUCTIONS:
Hard range: 1-12 and 90

If DM6C=90, go to BOX DM7

<table>
<thead>
<tr>
<th>DM6C1</th>
<th>dm6devstyr</th>
<th>R6 DM6C1 YEAR DEVICE USE STARTED</th>
</tr>
</thead>
</table>

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 MONTH 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.

<table>
<thead>
<tr>
<th>BOX DM6D</th>
<th>BOX DM6D</th>
<th>NOT ON FILE</th>
</tr>
</thead>
</table>

BOX DM6D

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.

<table>
<thead>
<tr>
<th>DM6D</th>
<th>dm6devendmo</th>
<th>R6 DM6D MONTH DEVICE USE ENDED</th>
</tr>
</thead>
</table>

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/he/she} was} not using {this device/these devices}.

In what month and year 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

**ENTER NUMBER**

<table>
<thead>
<tr>
<th>Range</th>
<th>1 to 12</th>
</tr>
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<tr>
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</tr>
<tr>
<td>DON'T KNOW</td>
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</table>

**PROGRAMMER INSTRUCTIONS:**

- Hard range: 1-12 and 90
- If DM6D=90, go to BOX DM7

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**DM6D1**

**dm6devendyr**

R6 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} first use {{a cane/a walker/ a wheelchair/ a scooter}/any of these devices}?]

ENTER 4-DIGIT YEAR

**ENTER NUMBER**

<table>
<thead>
<tr>
<th>REFUSED</th>
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</thead>
<tbody>
<tr>
<td>DON’T KNOW</td>
</tr>
</tbody>
</table>

**PROGRAMMER INSTRUCTIONS:**

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

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**DM6E**

**dm6nodev**

R6 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/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
90 LAST INTERVIEW INFORMATION INCORRECT
REFUSED
DON’T KNOW
BOX DM7

DM6F dm6nodevmos R6 DM6F MONTHS OF NO DEVICE

QUESTION TEXT:

For about how many months altogether did {you/SP} go without using any 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

dm6dintvl R6 D MTHS FROM LAST INT TO CURR INT OR DEATH
dm6dmohlp R6 D MONTHS OF MOBILITY HELP
dm6dmodev R6 D MONTHS OF MOBILITY DEVICE HELP
dm6dmohlpg R6 D MOBILITY HELP GROUP
dm6dmodevgr R6 D MOBILITY DEVICE GROUP