NHATS Round 7: Last Month of Life

<table>
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<th>Section</th>
<th>DM</th>
<th>[DURATION OF MOBILITY ACCOMODATIONS]</th>
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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 DM3E.

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

Otherwise, go to DM1.

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**DM1**

- **dm7helpmobil**
- **R7 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}?}

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**DM3C**

- **dm7helpstmo**
- **R7 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

**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/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**

**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 = 2 (NO), RF, or DK] and [CURRENT INT MO6, MO18, or MO25 = 1 (YES)], go to BOX DM4.
Otherwise, go to DM3D.
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 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

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DM3D1  dm7helpedyr  R7 DM3D1 YEAR MOBIL HELP ENDED

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**  
**dm7nohelp**  
**R7 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/they were] 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?
```
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**

**dm7lstycane**

**R7 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**

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**DM6C**

**dm7devstmo**

**R7 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 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

DM6C1 dm7devstyr R7 DM6C1 YEAR DEVICE USE STARTED

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 dm7devendmo R7 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
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PROGRAMMER INSTRUCTIONS:
Hard range: 1-12 and 90
If DM6D=90, go to BOX DM7

DM6D1      dm7devendyr  R7 DM6D1 YEAR DEVICE USE ENDED

QUESTION TEXT:
In what month and year since {LAST INT MONTH AND YEAR} did {you/SP} LASS 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      dm7nodev  R7 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?

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**DM6F**

**dm7nodevmos**

R7 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**

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<th>Variable</th>
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