### NHATS Round 4

#### Section EM [ENVIRONMENTAL MODIFICATIONS] 

**BOX EM1**

<table>
<thead>
<tr>
<th>EM1</th>
<th>em4dmodheret</th>
<th>R4 D EM1 NEW RES ALL ITEMS HERE</th>
</tr>
</thead>
</table>

**DISPLAY INSTRUCTIONS:**

If HO2<>1 (COMMON OR SHARED ENTRANCE) and HO3=1 (YES), display “a ramp”

If HO8b=1 (YES), display “an elevator”

If HO8c=1 (YES), display “a stair lift or stair glide”

If HO11c=1 (YES), display “a grab bar in the shower or tub area”

If HO11d=1 (YES), display “a seat for the shower or tub”

If HO11e=1 (YES), display “a raised toilet or raised toilet seat”

If HO11f=1 (YES), display “grab bars around the toilet”

Otherwise, display “Were all these items” and “any of them”

**QUESTION TEXT:**

You told me that {you have/SP has}:

{a ramp}
{an elevator}
{a stair lift or stair glide}
{a grab bar in the shower or tub area}
{a seat for the shower or tub}
{a raised toilet or raised toilet seat}
{grab bars around the toilet}

{Was this item/Were all these items} here when {you/he/she} moved in or did {you/he/she} add {it/any of them}?  

**CODES**

<table>
<thead>
<tr>
<th></th>
<th>ALL ITEMS HERE</th>
<th>EM4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ADDED ONE OR MORE ITEMS</td>
<td>EM4</td>
</tr>
<tr>
<td>2</td>
<td>REFUSED</td>
<td>EM4</td>
</tr>
<tr>
<td></td>
<td>DON’T KNOW</td>
<td>EM4</td>
</tr>
</tbody>
</table>

**BOX EM2**

| BOX EM2 | NOT ON FILE |
If (HO2 <> 1 (COMMON OR SHARED ENTRANCE) and HO3 = 1 (YES, RAMP)) or HO8b = 1 (YES, ELEVATOR) or HO8c = 1 (YES, STAIRLIFT) or HO1tc = 1 (YES, SHOWER GRABBAR) or HO1td = 1 (YES, SHOWER SEAT) or HO1te = 1 (YES, RAISED TOILET SEAT) or HO1tf = 1 (YES, TOILET GRABBAR), go to EM2.

Otherwise, go to EM4.

EM2

- **em4addlstyr1**: R4 EM2A RAMP ADDED IN LAST YR
- **em4addlstyr2**: R4 EM2B ELEVATOR ADDED IN LST YR
- **em4addlstyr3**: R4 EM2C STR LIFT ADDED IN LST YR
- **em4addlstyr4**: R4 EM2D SHWR GRABBAR ADD LST YR
- **em4addlstyr5**: R4 EM2E BATHSEAT ADDED IN LST YR
- **em4addlstyr6**: R4 EM2F TOILETSEAT ADD IN LST YR
- **em4addlstyr7**: R4 EM2G TOILET GRABGARS ADDED YR

**DISPLAY INSTRUCTIONS:**

Use “Same Question Stem” display

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

If NEW RESIDENCE flag = 1 (YES), display "We’d like to know {if this was/which of these were} added to {your/SP's} current home. Since {you/SP} moved here, did {you/he/she} add the"

Display "current" in underlined text.

If NEW RESIDENCE flag <>1, display "Since the last interview in {LAST INT MONTH AND YEAR}, did {you/SP} add the"

If only one item listed at EM1, display “if this was”. Otherwise, display “which of these were”.

If HO2 <> 1 (COMMON OR SHARED ENTRANCE) and HO3=1 (YES), display RESPONSE [1] and variable text {a}

If HO8b=1 (YES), display RESPONSE [2] and variable text {b}

If HO8c=1 (YES), display RESPONSE [3] and variable text {c}

If HO1td=1 (YES), display RESPONSE [4] and variable text {d}

If HO1te=1 (YES), display RESPONSE [5] and variable text {e}

If HO1tf=1 (YES), display RESPONSE [6] and variable text {f}

If HO1tg=1 (YES), display RESPONSE [7] and variable text {g}

**QUESTION TEXT:**

"{We’d like to know {if this was/which of these were} added to {your/SP's} current home. Since {you/SP} moved here, did {you/he/she} add the?Since the last interview in {LAST INT MONTH AND YEAR}, did {you/SP} add the}"

- RESPONSE [1] a. ramp?
- RESPONSE [2] b. elevator?
- RESPONSE [3] c. stair lift or stair glide?
- RESPONSE [4] d. grab bar in the shower or tub area?
- RESPONSE [5] e. seat for the shower or tub?
- RESPONSE [6] f. raised toilet or raised toilet seat?"
{RESPONSE [7] g. grab bars around the toilet?}

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-g sequence until all rows have been displayed.

BOX EM3

If EM2 a-g = 2 (NO), go to EM4.
Otherwise, go to EM3.

EM3

em4payyufam1       R4 EM3A SP PAID FOR RAMP
em4payyufam2       R4 EM3B SP PAID FOR ELEVATOR
em4payyufam3       R4 EM3C SP PAID STAIR LFT GLIDE
em4payyufam4       R4 EM3D SP PAID SHOWER GRABBAR
em4payyufam5       R4 EM3E SP PAID SHOWER SEAT
em4payyufam6       R4 EM3F SP PAID RAISED TOILT SEAT
em4payyufam7       R4 EM3G SP PAID TOILET GRABBARS

DISPLAY INSTRUCTIONS:

Use "Same Question Stem" display

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

If EM2a = 1 (YES), display RESPONSE [1] and variable text {a}
If EM2b = 1 (YES), display RESPONSE [2] and variable text {b}
If EM2c = 1 (YES), display RESPONSE [3] and variable text {c}
If EM2d = 1 (YES), display RESPONSE [4] and variable text {d}
If EM2e = 1 (YES), display RESPONSE [5] and variable text {e}
If EM2f = 1 (YES), display RESPONSE [6] and variable text {f}
If EM2g = 1 (YES), display RESPONSE [7] and variable text {g}

QUESTION TEXT:

{}Did (you/SP) or {your/his/her} family pay any of the cost of adding or getting the{]}

{RESPONSE [1] a. ramp?}
{RESPONSE [2] b. elevator?}
{RESPONSE [3] c. stair lift or stair glide?}
{RESPONSE [4] d. grab bar in the shower or tub area?}
{RESPONSE [5] e. seat for the shower or tub?}
{RESPONSE [6] f. raised toilet or raised toilet seat?}
{RESPONSE [7] g. grab bars around the toilet?}

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-g sequence until all rows have been displayed.

<table>
<thead>
<tr>
<th>EM4</th>
<th>em4paydevice1</th>
<th>R4 EM4A SP PAID FOR VISION AIDS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>em4paydevice2</td>
<td>R4 EM4B SP PAID FOR HEARING AID</td>
</tr>
<tr>
<td></td>
<td>em4paydevice3</td>
<td>R4 EM4C SP PAID FOR CANE</td>
</tr>
<tr>
<td></td>
<td>em4paydevice4</td>
<td>R4 EM4D SP PAID FOR WALKER</td>
</tr>
<tr>
<td></td>
<td>em4paydevice5</td>
<td>R4 EM4E SP PAID FOR WHEELCHAIR</td>
</tr>
<tr>
<td></td>
<td>em4paydevice6</td>
<td>R4 EM4F SP PAID FOR SCOOTER</td>
</tr>
<tr>
<td></td>
<td>em4paydevice7</td>
<td>R4 EM4G SP PAID FOR GRABBER</td>
</tr>
<tr>
<td></td>
<td>em4paydevice8</td>
<td>R4 EM4H SP PD SPECIAL DRESS ITM</td>
</tr>
<tr>
<td></td>
<td>em4paydevice9</td>
<td>R4 EM4I SP PAID ADAPTED UTENSILS</td>
</tr>
</tbody>
</table>

DISPLAY INSTRUCTIONS:

Use “Same Question Stem” display

If at EM4a, do not display question text in brackets.

Otherwise, display question text in brackets.

Display "pay anything for" in bold underlined text.

QUESTION TEXT:

{[ ]}Here are a few other devices that help with daily activities. Whether or not {you use/SP uses} them now, since the last interview in {LAST INT MONTH AND YEAR}, did {you/[he/she]} or {your/[his/her]} family pay anything for the following items for {you/[him/her]}?[[}

{variable text [a-i]}

RESPONSE [1] a. glasses or other vision aids such as a magnifying glass?
RESPONSE [2] b. a hearing aid?
RESPONSE [3] c. a cane?
RESPONSE [4] d. a walker?
RESPONSE [5] e. a wheelchair?
RESPONSE [6] f. a scooter?
RESPONSE [7] g. a reacher or grabber to pick up things more easily?
RESPONSE [8] h. special items to help with dressing, such as button hooks or clothes that are designed to get on and off easily?
RESPONSE [9] i. adapted utensils to help {you/SP} to 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.
EM5   em4payaltgth   R4 EM5 PAY FOR THESE ALTOGETHER

DISPLAY INSTRUCTIONS:

If EM3a=1 (YES), display “ramp”
If EM3b=1 (YES), display “elevator”
If EM3c=1 (YES), display “stair lift or stair glide”
If EM3d=1 (YES), display “grab bar in the shower or tub area”
If EM3e=1 (YES), display “seat for the shower or tub”
If EM3f=1 (YES), display “raised toilet or raised toilet seat”
If EM3g=1 (YES), display “grab bars around the toilet”
If EM4a=1 (YES), display “glasses or other vision aids”
If EM4b=1 (YES), display “hearing aid”
If EM4c=1 (YES), display “cane”
If EM4d=1 (YES), display “walker”
If EM4e=1 (YES), display “wheelchair”
If EM4f=1 (YES), display “scooter”
If EM4g=1 (YES), display “reacher or grabber”
If EM4h=1 (YES), display “special items to help with dressing”
If EM4i=1 (YES), display “adapted utensils”

If more than one item displayed, display commas between each one and display "and" before the last display text.

QUESTION TEXT:

Thinking about the {ramp} {elevator} {stair lift or stair glide} {grab bar in the shower or tub area} {seat for the shower or tub} {raised toilet or raised toilet seat} {grab bars around the toilet} {glasses or vision aids} {hearing aid} {cane} {walker} {wheelchair} {scooter} {reacher or grabber} {special items to help with dressing} {adapted utensils} that [you/SP] (and your/[his/her]) family paid for since the last interview in {LAST INT MONTH AND YEAR}, about how much was that altogether? Was it more than $500, less than $500, or just about $500?

EM6   em4morls1000   R4 EM6 MORE LESS OR ABOUT $1000

QUESTION TEXT:

Was it more than $1000, less than $1,000, or just about $1,000?
### Programme Instructions:

Go to Section CM – Community.

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<table>
<thead>
<tr>
<th>CODES</th>
<th>DESCRIPTION</th>
<th>SECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MORE THAN $1,000</td>
<td>Section CM</td>
</tr>
<tr>
<td>2</td>
<td>LESS THAN $1,000</td>
<td>Section CM</td>
</tr>
<tr>
<td>3</td>
<td>JUST ABOUT $1,000</td>
<td>Section CM</td>
</tr>
<tr>
<td></td>
<td>REFUSED</td>
<td>Section CM</td>
</tr>
<tr>
<td></td>
<td>DON'T KNOW</td>
<td>Section CM</td>
</tr>
</tbody>
</table>

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**Question Text:**

Was it more than $100, less than $1,000, or just about $1,000?

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<table>
<thead>
<tr>
<th>CODES</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LESS THAN $100</td>
</tr>
<tr>
<td>2</td>
<td>JUST ABOUT $100</td>
</tr>
<tr>
<td>3</td>
<td>REFUSED</td>
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