



U.S. Department of Health and Human Services  
Assistant Secretary for Planning and Evaluation  
Office of Disability, Aging and Long-Term Care Policy



# **DEVELOPMENT OF AN ASSISTIVE TECHNOLOGY AND ENVIRONMENTAL ASSESSMENT INSTRUMENT FOR NATIONAL SURVEYS: FINAL REPORT**

## **PART II. PILOT STUDY RESULTS FOR RECOMMENDED ITEMS**

December 2005

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This report was prepared under contract between HHS's ASPE/DALTCP and the Polisher Research Institute. Additional funding was provided by the National Institute on Aging. For additional information about this subject, you can visit the DALTCP home page at [http://aspe.hhs.gov/\\_/office\\_specific/daltcp.cfm](http://aspe.hhs.gov/_/office_specific/daltcp.cfm) or contact the ASPE Project Officers, William Marton and Hakan Aykan, at HHS/ASPE/DALTCP, Room 424E, H.H. Humphrey Building, 200 Independence Avenue, S.W., Washington, D.C. 20201. Their e-mail addresses are: [William.Marton@hhs.gov](mailto:William.Marton@hhs.gov) and [Hakan.Aykan@hhs.gov](mailto:Hakan.Aykan@hhs.gov).

**DEVELOPMENT OF AN ASSISTIVE TECHNOLOGY  
AND ENVIRONMENTAL ASSESSMENT INSTRUMENT  
FOR NATIONAL SURVEYS: FINAL REPORT  
Part II. Pilot Study Results for  
Recommended Items**

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## **MODULES**

- A. Home Environment Module
- B. Mobility and Other Devices Module
- C. Effectiveness/Participation Module
- D. Communication Technology Module
- E. Residual ADL and IADL Difficulty Module

## **APPENDICES**

- I. Crosswalk of Question Numbers from Pilot Test and Final  
Recommended Modules
- II. Technology and Aging Pilot Survey: Instrument for the Pilot Study

# OVERVIEW

The purpose of this project was to develop, pilot, and disseminate a set of instruments for national surveys to measure the use of assistive technology and the environments in which they are used. The project focused on older adults (ages 50 and older) living in the community. The instruments have been designed as a series of modules that can be adopted in whole or part as part of a computer-assisted telephone interview (CATI).

Part I of this report presents the recommended 8-10 minute instrument (consisting of five modules) and a briefer 2-3 minute instrument (consisting of a single module). The instruments include the relevant skip and fill instructions for CATI programming. Also included in Part I of this report are timing estimates, recommendations for interviewer training, and background on the instrument development process.

The purpose of Part II is to present results from the pilot test for the recommended items. For each recommended item, we provide the following information:

- the recommended wording and universe for the item;
- the wording as the item was originally piloted;
- the unweighted and weighted frequency distributions among the applicable universe from the pilot study; and,
- for items with at least 20 respondents, results from behavioral coding.

# FREQUENCIES

Weighted frequency distributions from the pilot study are provided as a benchmark for distributions that could be expected with a national sample ages 50 and older. Weights developed for this purpose were post-stratified to a limited number of key demographic variables.<sup>1</sup> The frequencies also provide information on the extent of missing data (item refusal and don't know responses), which in most cases was very low.

In some cases the wording of the recommended questions or the recommended universe differs from that used in the pilot study. These differences are noted on the item-specific pages and also in the crosswalk document provided in the appendix.

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<sup>1</sup> Sampling weights realigned the pilot study sample to match national distributions of sex, age group, education, and functioning found in the 2003 National Health Interview Survey.

# BEHAVIOR CODES

Behavioral coding is a systematic method of recording interactions between an interviewer and respondent during an interview (Fowler and Cannel, 1996). In the pilot study, 150 interviews that reflected the pilot sample composition<sup>2</sup> were tape recorded and then coded by two trained research assistants. The purpose of the behavior coding was to identify items that had potential problems with validity and reliability because either interviewers did not read them as written or respondents found them to be cognitively challenging.

For items with at least 20 responses, two interviewer and three respondent behaviors are reported: reading questions other than verbatim, probing or providing definitions, providing qualified or inadequate answers,<sup>3</sup> requesting a clarification,<sup>4</sup> and interrupting.<sup>5</sup> 121 of the 126 items recommended in the 8-10 minute module were coded for behaviors. A high percentage (99% on average) of responses to these items was coded as adequate and a low percentage (2-3% on average) involved wording changes by interviewers, requests by respondents for clarification or definitions, and interruption of questions. Probing occurred on average 7% of the time.

Some researchers have used 15% as a threshold for identifying potential problems with the validity or reliability of an item. This threshold is relevant for wording changes, qualified or inadequate answers, and requests for clarification. However, for probing behaviors, the literature has generally focused on *inappropriate* probing as the behavior of interest. Since the pilot study did not evaluate the appropriateness of the probing, probing levels of 15% are not necessarily problematic. Similarly, interrupting behaviors are not necessarily problematic if they occur as part of a learned response pattern to a repetitive series.

Of the 121 items in the recommended 8-10 minute instrument that were coded for behaviors in the pilot study, only nine items reached the 15% threshold. Three items that required probing at least 20% of the time in the pilot study (MO-5, EF-1, EF-3) were changed in the recommended modules so that the Universe of respondents was narrowed to a more relevant subgroup. Definitions were added for two items that required clarification between 15% and 20% of the time (MO-3.4 and CO-6.3). The remaining four items that required probing between 15% and 20% of the time (HE-13.1b, HE-13.3b, MO-2.1c, CO-5) were not changed.

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<sup>2</sup> The 150 interviews were distributed as follows: 50 ages 50-64 (25 from a household in which someone had a disability), 50 ages 65-79, and 50 ages 80+. All 21 respondents residing in an assisted living facility were included in the 150 tape recorded interviews.

<sup>3</sup> An answer is coded as qualified when a respondent's final answer is among the response options, but includes a qualifying statement. An answer is coded as inadequate when a respondent's final answer is not among the response options.

<sup>4</sup> A response is coded as a request for clarification if the respondent asks about the question's meaning or asks to have the question repeated.

<sup>5</sup> NA (not applicable) is reported if the sample size is less than 20 or if the recommended item was not included in the pilot study.

Where sample sizes allowed, we also tested for differences in behaviors by age groups (50-64, 65-79, 80+) and by functional status (one or more versus no functional limitations).<sup>6</sup> Most often behaviors did not vary significantly by age or functional status. Where they did, we note this in a footnote to the relevant table.

For some questions sample sizes for behavior coding were too small to evaluate the individual item. We therefore collapsed information across similar types of questions. Results are summarized in the table below (with N's summed across items shown parenthetically). In general, few problem behaviors were reported for questions about home features, mobility aids, other aids, and residual difficulty, with most estimates well below the 15% threshold. Only probing about the frequency of use of a mobility aid crossed the threshold; most of the probing was around the use of aids outside.

|  | Interviewer Behaviors |                               | Respondent Behaviors                |                                       |             |
|--|-----------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
|  | Changed wording       | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| Home features <sup>1</sup>   |                       |                               |                                     |                                       |             |
| Existence (N=1813)   | 1.9                   | 5.6                           | 0.3                                 | 3.2                                   | 0.7         |
| There or added (N=164)   | 0.6                   | 5.5                           | 0                                   | 0.6                                   | 9.8         |
| Frequency of use (N=192)   | 2.1                   | 14.1                          | 0.5                                 | 2.1                                   | 10.9        |
| Mobility aid <sup>2</sup> (N=154)  | 7.8                   | 16.9                          | 1.3                                 | 1.9                                   | 11.1        |
| Other aid <sup>3</sup> (N=1500)  | 1.7                   | 5.2                           | 0                                   | 3.8                                   | 0.7         |
| Residual Difficulty  |                       |                               |                                     |                                       |             |
| ADLs (N=750) <sup>4</sup>  | 2.5                   | 6.4                           | 0.1                                 | 1.2                                   | 10.1        |
| IADLs (N=530) <sup>5</sup>   | 2.3                   | 6.2                           | 0.2                                 | 3.4                                   | 8.9         |
| <ol style="list-style-type: none"> <li>1. Features include working lights; handrails at entrance; ramp; automatic doors; bedroom, kitchen and bath on same floor; chair lift; elevator; handrails in staircases or hallways; emergency call system; stall shower; grab bars; tub seat; handheld showerhead; raised or modified seat; grab bars around toilet from questions HE-5 to HE-14.</li> <li>2. How often used cane, walker, wheelchair, and scooter to transfer, get around inside, or get around outside from questions MO-2.1 to MO-2.4.</li> <li>3. Other aids include hearing aid, glasses, vision aids other than glasses, reacher or grabber, special bed, trapeze, raising seat, portable commode, modified washer or dryer, and adapted utensils from questions MO-3.1 to MO-3.10.</li> <li>4. Amount of difficulty (when using devices) transferring, getting around inside, getting around outside, bathing, and toileting by yourself from questions RD-1 to RD-5.</li> <li>5. Amount of difficulty (when using devices) preparing meals, shopping for groceries, managing money, and going places outside walking distance by yourself from questions RD-6.1b to RD-6.4b.</li> </ol> |                       |                               |                                     |                                       |             |

<sup>6</sup> Functional limitation groups were assigned based on responses of some, a lot, unable, or doesn't do to items 78.1-78.8.

# CROSSWALK BETWEEN PILOT STUDY INSTRUMENT AND RECOMMENDED MODULES

The appendix includes a document that crosswalks the items in the pilot study with those in the recommended modules. The document provides question numbers for both instruments and indicates where there are differences in questions wording and applicable Universes. Items included in the 2-3 minute module are also designated. The crosswalk is followed by the pilot study instrument. See Part I of this report for the recommended 8-10 minute and 2-3 minute instruments.

## REFERENCES

Fowler FJ & CF Cannell. 1996. Using behavioral coding to identify cognitive problems with survey questions. In N Schwarz & SA Sudman (Eds.), *Answering Questions*, pp. 15-36. San Francisco, CA: Jossey-Bass.

**MODULE A:**  
**HOME ENVIRONMENT MODULE**

## HOME ENVIRONMENT MODULE

**HE-1 Is your home part of a building that has two or more apartments or units with a common or shared entrance?** Universe: All respondents

Pilot Study Question 15: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 14.4         | 13.7       |
| 2. NO          | 85.3         | 86.1       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.3          | 0.2        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.0                                  | 6.0                           | 0                                   | 3.3                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations

**HE-2 In the last 30 days, how often have you left your {home/ building} to go outside? Was it every day or almost every day, several times a week, once a week, less than once a week, or never?**

Universe: All respondents

Pilot Study Question 43: In the last 30 days, how often have you left your {home/ building} to go outside? Was it every day or almost every day, several times per week, once a week, less than once a week, or never?

Frequency Distribution (N=360)

|                                  | Unweighted % | Weighted % |
|----------------------------------|--------------|------------|
| 1. every day or almost every day | 76.1         | 79.9       |
| 2. several times a week          | 14.4         | 10.5       |
| 3. once a week                   | 4.2          | 4.4        |
| 4. less than once a week         | 3.6          | 3.8        |
| 5. never?                        | 1.1          | 1.0        |
| -7. REFUSED                      | 0.0          | 0.0        |
| -8. DON'T KNOW                   | 0.6          | 0.4        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 1.3                                  | 13.3                          | 0                                   | 2.7                                   | 14.0        |

Behavior coding frequencies did not differ significantly ( $P > .05$ ) by respondents' age of by presence of functional limitations.

**HE-3 Thinking about the entrance you use most often, do you have to use stairs or step up or down to get into your building from outside?** Universe: IF (HE-1= 1)

Pilot Study Question 16: Thinking about the entrance you use most often, do you have to use stairs or step up to get into your building from outside?

Frequency Distribution (N=52)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 32.7         | 24.1       |
| 2. NO          | 67.3         | 75.9       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15=1)

Interviewer and Respondent Behaviors (N=25)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 12.0                          | 0                                   | 4.0                                   | 2.7         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations

**HE-4 Is this a common or shared entrance, or is it an entrance directly into your home?** Universe: IF (HE-1=1)

Pilot Study Question 17: Is this entrance a common or shared entrance or is it an entrance directly into your home?

Frequency Distribution (N=52)

|                                | Unweighted % | Weighted % |
|--------------------------------|--------------|------------|
| 1. COMMON OR SHARED ENTRANCE   | 65.4         | 63.3       |
| 2. ENTRANCE DIRECTLY INTO HOME | 34.6         | 36.7       |
| -7. REFUSED                    | 0.0          | 0.0        |
| -8. DON'T KNOW                 | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15=1)

Interviewer and Respondent Behaviors (N=25)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0.7                                  | 12.0                          | 0                                   | 4.0                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations

**HE-5.1 Does this entrance have working lights?** Universe: IF (HE-1=1) AND (HE-4=1)

Pilot Study Question 18.1: Does this entrance have working lights on the pathway or outside the entrance?

Frequency Distribution (N=34)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. Yes         | 97.1         | 97.9       |
| 2. No          | 2.9          | 2.1        |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. Don't Know | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15=1) AND (Question 17=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-5.2 Does this entrance have handrails leading to the entrance?** Universe: IF (HE-1=1) AND (HE-4=1)

Piloted Study Question 18.2: Same

Frequency Distribution (N= 34)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 35.3         | 31.3       |
| 2. NO          | 61.8         | 68.4       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 2.9          | 3.0        |

Pilot Study Universe: IF (Question 15=1) AND (Question 17=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-5.3 Does this entrance have a ramp?** Universe: IF (HE-1=1) AND (HE-4=1)

Pilot Study Question 18.3: Same

Frequency Distribution (N=34)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 20.6         | 22.3       |
| 2. NO          | 79.4         | 77.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15=1) AND (Question 17=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-5.3a In the last 30 days when you left your home, did you use the ramp every time, most times, sometimes, rarely, or never?** Universe: IF (HE-1=1) AND (HE-4=1) AND (HE-5.3=1) AND (HE-2 ne 5)

Pilot Study Question 18.3a: Same

Frequency Distribution: Not reported due to inadequate sample size (N<20)

|                      | Unweighted % | Weighted % |
|----------------------|--------------|------------|
| 1. every time        | NA           | NA         |
| 2. most times        | NA           | NA         |
| 3. sometimes         | NA           | NA         |
| 4. rarely            | NA           | NA         |
| 5. never             | NA           | NA         |
| 6. DIDN'T LEAVE HOME | NA           | NA         |
| -7. REFUSED          | NA           | NA         |
| -8. DON'T KNOW       | NA           | NA         |

Pilot Study Universe: IF (Question 15=1) AND (Question 17=1) AND (Question 18.3=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-5.4 Does this entrance have automatic doors?** Universe: IF (HE-1=1) AND (HE-4=1)

Pilot Study Question 18.4: Same

Frequency Distribution (N=34)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 35.3         | 21.3       |
| 2. NO          | 64.7         | 78.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15=1) AND (Question 17=1)

Interviewer and Respondent Behaviors Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-6 Is your building more than one story?** Universe: IF (HE-1=1) AND (HE-4=1)

Pilot Study Question 19: Same

Frequency Distribution (N=34)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 88.2         | 87.3       |
| 2. NO          | 11.8         | 12.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe : IF (Question 15=1) AND (Question 17=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-7 Is the building entrance that you use most often on the same floor as your home?** Universe: IF (HE-1=1) AND (HE-4=1) AND (HE-6=1)

Pilot Study Question 20: Is your home on the same floor as the entrance to the building you use most often?

Frequency Distribution (N=30)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 23.3         | 11.0       |
| 2. NO          | 76.7         | 89.0       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15=1) AND (Question 17=1) AND (Question 19=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-8 Does your building have an elevator?** Universe: IF (HE-1=1) AND (HE-4=1) AND (HE-6=1) AND (HE-7= 2, -7, -8)

Pilot Study Question 21: Same

Frequency Distribution (N=23)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 87.0         | 91.4       |
| 2. NO          | 13.0         | 8.6        |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15=1) AND (Question 17=1) AND (Question 19=1) AND (Question 20= 2, -7, -8)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-9 Thinking about the entrance you use most often, do you have to use stairs, or step up or down, to get into your home from outside?** Universe: IF (HE-1=2, -7, -8)

Pilot Study Question 22: Thinking about the entrance you use most often, do you have to use stairs or step up to get into your home from outside?

Frequency Distribution (N=308)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 75.6         | 75.3       |
| 2. NO          | 23.7         | 24.4       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.6          | 0.3        |

Pilot Study Universe: IF (Question 15=2, -7, -8)

Interviewer and Respondent Behaviors (N=125)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 3.2                                  | 5.6                           | 0                                   | 0.8                                   | 0.8         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**HE-10.1 Does this entrance have working lights?** Universe: IF (HE-1=2, -7, -8) OR (HE-4=2, -7, -8)

Pilot Study Question 23.1: Does this entrance have working lights on the pathway or outside the entrance?

Frequency Distribution (N=326)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 88.3         | 92.3       |
| 2. NO          | 11.7         | 7.7        |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15=2, -7, -8) OR (Question 17=2, -7, -8)

Interviewer and Respondent Behaviors (N=131)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 7.6                           | 0.8                                 | 4.6                                   | 0           |

A significantly greater percent of respondents with no functional limitations requested definitions or clarifications (13.8%) compared to respondents with one or more functional limitations (2.0%) ( $p<.05$ ). Behavior coding frequencies did not differ significantly for the other behavior coding categories by age group or presence of functional limitations ( $p>.05$ ).

**HE-10.2 Does this entrance have handrails leading to the entrance?** Universe: IF (HE-1=2, -7, -8) OR (HE-4=2, -7, -8)

Pilot Study Question 23.2: Same

Frequency Distribution (N=326)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 34.7         | 32.4       |
| 2. NO          | 65.3         | 67.6       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15=2, -7, -8) OR (Question 17=2, -7, -8)

Interviewer and Respondent Behaviors (N=131)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0.8                                  | 4.6                           | 0                                   | 1.5                                   | 0.8         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**HE-10.2a Were these handrails there when you moved in or were they added?** Universe: IF (HE-1=2, -7, -8) OR (HE-4=2, -7, -8) AND (HE-10.2=1)

Pilot Study Question 23.2a: Were the handrails there when you moved in or were they added?

Frequency Distribution (N=113)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. THERE       | 42.5         | 45.4       |
| 2. ADDED       | 56.6         | 54.1       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.9          | 0.5        |

Pilot Study Universe: IF (Question 15=2, -7, -8) OR (Question 17=2, -7, -8) AND (Question 23.2=1)

Interviewer and Respondent Behaviors (N=48)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 2.1                           | 0                                   | 0                                     | 6.3         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**HE-10.3 Does this entrance have a ramp?** Universe: IF (HE-1=2, -7, or -8) OR (HE-4=2, -7, -8)

Pilot Study Question 23.3: Same

Frequency Distribution (N=326)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 6.1          | 8.3        |
| 2. NO          | 93.9         | 91.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15=2, -8, or -7) OR (Question 17=2, -7, -8)

Interviewer and Respondent Behaviors (N=131)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0.8                                  | 2.3                           | 0                                   | 1.5                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**HE-10.3a Was the ramp there when you moved in or was it added?** Universe: IF (HE-1=2, -7, or -8) OR (HE-4=2, -7, -8) AND (HE-10.3=1)

Pilot Study Question 23.3a: Same

Frequency Distribution (N=20)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. THERE       | 10.0         | 4.1        |
| 2. ADDED       | 85.0         | 93.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 5.0          | 2.2        |

Pilot Study Universe: IF (Question 15=2, -7, -8) OR (Question 17=2, -7, -8) AND (Question 23.3=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-10.3b In the last 30 days when you left your home, did you use the ramp every time, most times, sometimes, rarely, or never?** Universe: IF (HE-1= 2, -7, -8) OR (HE-4=2, -7, -8) AND (HE-10.3=1) AND (HE-2 ne 5)

Pilot Study Question 23.3b: Same

Frequency Distribution (N=20)

|                      | Unweighted % | Weighted % |
|----------------------|--------------|------------|
| 1. every time        | 55.0         | 38.4       |
| 2. most times        | 15.0         | 22.1       |
| 3. sometimes         | 20.0         | 35.6       |
| 4. rarely            | 10.0         | 4.0        |
| 5. never             | 0.0          | 0.0        |
| 6. DIDN'T LEAVE HOME | 0.0          | 0.0        |
| -7. REFUSED          | 0.0          | 0.0        |
| -8. DON'T KNOW       | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 15= 2, -7, -8) OR (Question 17=2, -7, -8) AND (Question 23.3=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-11 Is your living space on more than one floor?** Universe: All respondents

Pilot Study Question 24: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 31.9         | 38.9       |
| 2. NO          | 68.1         | 61.1       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0.7                                  | 5.3                           | 0                                   | 1.3                                   | 0           |

Respondents with no functional limitations (N=30) were more likely to be probed or provided a definition (13.3%) compared to respondents with one or more functional limitations (3.3% of N=120). Other behavioral coding categories did not differ by age group or by presence of functional limitations.

**HE-12.1 Whether or not you use it, does your home have a bedroom, kitchen, and bath on same floor?** Universe: IF (HE-11=1)

Pilot Study Question 25.1: Whether or not you use them, does your home have a bedroom, kitchen, and bath on same floor?

Frequency Distribution (N=115)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 59.1         | 53.5       |
| 2. NO          | 40.9         | 46.5       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 24=1)

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 6.3                           | 0                                   | 4.2                                   | 2.1         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**HE-12.2 Whether or not you use it, does your home have an elevator?** Universe: IF (HE-11=1)

Pilot Study Question 25.2: Same

Frequency Distribution (N=115)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 1.7          | 1.2        |
| 2. NO          | 98.3         | 98.8       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 24=1)

Interviewer and Respondent Behaviors (N=48)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 0                             | 0                                   | 0                                     | 0           |

Analyses by respondent's age and functional status could not be performed because behaviors did not occur.

**HE-12.2a Was the elevator there when you moved in or was it added?** Universe: IF (HE-11=1) AND (HE-12.2=1)

Pilot Study Question 25.2a: Same

Frequency Distribution: Not reported due to inadequate sample size (N<20)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. THERE       | NA           | NA         |
| 2. ADDED       | NA           | NA         |
| -7. REFUSED    | NA           | NA         |
| -8. DON'T KNOW | NA           | NA         |

Pilot Study Universe: IF (Question 24=1) AND (Question 25.2=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-12.2b In the last 30 days when you went upstairs or downstairs, did you use the elevator every time, most times, sometimes, rarely, or never?** Universe: IF (HE-11=1) AND (HE-12.2=1)

Pilot Study Question 25.2b: Same

Frequency Distribution: Not reported due to inadequate sample size (N<20)

|                      | Unweighted % | Weighted % |
|----------------------|--------------|------------|
| 1. every time        | NA           | NA         |
| 2. most times        | NA           | NA         |
| 3. sometimes         | NA           | NA         |
| 4. rarely            | NA           | NA         |
| 5. never             | NA           | NA         |
| 6. DIDN'T USE STAIRS | NA           | NA         |
| -7. REFUSED          | NA           | NA         |
| -8. DON'T KNOW       | NA           | NA         |

Pilot Study Universe: IF (Question 24=1) AND (Question 25.2=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-12.3 Whether or not you use it, does your home have a chair lift or stair glide?** Universe: IF (HE-11=1)

Pilot Study Question 25.3: Same

Frequency Distribution (N=115)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 2.6          | 0.4        |
| 2. NO          | 97.4         | 99.6       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 24=1)

Interviewer and Respondent Behaviors (N=48)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 4.2                                  | 2.1                           | 0                                   | 0                                     | 4.2         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**HE-12.3a Was it there when you moved in or was it added?** Universe: IF (HE-11=1) AND (HE-12.3=1)

Pilot Study Question 25.3a: Was the chair lift or stair glide there when you moved in or was it added?

Frequency Distribution: Not reported due to inadequate sample size (N<20)

|                        | Unweighted % | Weighted % |
|------------------------|--------------|------------|
| 1. THERE WHEN MOVED IN | NA           | NA         |
| 2. ADDED               | NA           | NA         |
| -7. REFUSED            | NA           | NA         |

Pilot Study Universe: IF (Question 24=1) AND (Question 25.3=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-12.3b In the last 30 days when you went upstairs or downstairs, did you use the chair lift or stair glide every time, most times, sometimes, rarely, or never?** Universe: IF (HE-11=1) AND (HE-12.3=1)

Pilot Study Question 25.3b: Same

Frequency Distribution:

Not reported due to inadequate sample size (N<20)

|                      | Unweighted % | Weighted % |
|----------------------|--------------|------------|
| 1. every time        | NA           | NA         |
| 2. most times        | NA           | NA         |
| 3. sometimes         | NA           | NA         |
| 4. rarely            | NA           | NA         |
| 5. never             | NA           | NA         |
| 6. DIDN'T USE STAIRS | NA           | NA         |
| -7. REFUSED          | NA           | NA         |
| -8. DON'T KNOW       | NA           | NA         |

Pilot Study Universe: IF (Question 24=1) AND (Question 25.3=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-12.4 Whether or not you use them, does your home have handrails in any of the staircases?**

Universe: IF (HE-11=1)

Pilot Study Question (NA): This question was not included in the pilot test.

Frequency Distribution

|                        | Unweighted % | Weighted % |
|------------------------|--------------|------------|
| 1. THERE WHEN MOVED IN | NA           | NA         |
| 2. ADDED               | NA           | NA         |
| -7. REFUSED            | NA           | NA         |
| -8. DON'T KNOW         | NA           | NA         |

Pilot Study Universe: NA

Interviewer and Respondent Behaviors

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-12.4a Were these rails there when you moved in or were any of them added?** Universe: IF (HE-11=1) AND (HE-12.4=1)

Pilot Study Question (NA): This question was not included in the pilot test.

Frequency Distribution

|                        | Unweighted % | Weighted % |
|------------------------|--------------|------------|
| 1. THERE WHEN MOVED IN | NA           | NA         |
| 2. ADDED               | NA           | NA         |
| -7. REFUSED            | NA           | NA         |
| -8. DON'T KNOW         | NA           | NA         |

Pilot Study Universe: NA

Interviewer and Respondent Behaviors

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-12.4b In the last 30 days when upstairs or downstairs, did you use the handrails every time, most times, sometimes, rarely, or never?** Universe: IF (HE-11=1) AND (HE-12.4=1)

Pilot Study Question (NA): This question was not included in the pilot test.

Frequency Distribution

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | NA           | NA         |
| 2. most times  | NA           | NA         |
| 3. sometimes   | NA           | NA         |
| 4. rarely      | NA           | NA         |
| 5. never?      | NA           | NA         |
| -7. REFUSED    | NA           | NA         |
| -8. DON'T KNOW | NA           | NA         |

Pilot Study Universe: NA

Interviewer and Respondent Behaviors

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-12.5 Whether or not you use them, does your home have handrails in any of the hallways?**

Universe: All respondents

Pilot Study Question 26.2: Whether or not you use them, does your home have support or grab rails in the hallway?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 8.6          | 5.5        |
| 2. NO          | 90.0         | 93.5       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 1.4          | 1.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 2.7                           | 0                                   | 0                                     | 0.7         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.**HE-12.5a Were these rails there when you moved in or were any of them added?** Universe: IF (HE-12.5=1)

Pilot Study Question 26.2a: Were these rails there when you moved in or were they added?

Frequency Distribution (N=31)

|                        | Unweighted % | Weighted % |
|------------------------|--------------|------------|
| 1. THERE WHEN MOVED IN | 67.7         | 70.7       |
| 2. ADDED               | 32.3         | 29.3       |
| -7. REFUSED            | 0.0          | 0.0        |
| -8. DON'T KNOW         | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 26.2=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N&lt;20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-12.5b In the last 30 days, when you went down the hallway, did you use the rails every time, most times, sometimes, rarely, or never?** Universe: IF (HE-12.5=1)

Pilot Study Question 26.2b: Same

Frequency Distribution (N=31)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 22.6         | 33.8       |
| 2. most times  | 19.4         | 16.3       |
| 3. sometimes   | 25.8         | 20.0       |
| 4. rarely      | 19.4         | 22.9       |
| 5. never       | 12.9         | 7.0        |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 26.2=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-12.6 Whether or not you use have used it, does your home have an emergency call or personal response system to help if you fall?** Universe: All respondents

Pilot Study Question 26.3: Whether or not you use them, does your home have an emergency call or personal response system to help if you fall?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 13.1         | 11.0       |
| 2. NO          | 86.9         | 89.0       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 4.0                                  | 9.3                           | 0                                   | 3.3                                   | 0.7         |

The frequency of Changed wordings differed significantly ( $p < .05$ ) among respondents of different age groups: 50-64 years (0% of N=50), 65-79 years (2.0% of N=51), 80+ years (10.2% of N=49). Other behavioral coding categories did not differ significantly ( $p > .05$ ) by age group or presence of functional limitations.

**HE-12.6a Was this system there when you moved in or was it added?** Universe: IF (HE-12.6=1)

Pilot Study Question 26.3a: Was the system there when you moved in or was it added?

Frequency Distribution (N=47)

|                        | Unweighted % | Weighted % |
|------------------------|--------------|------------|
| 1. THERE WHEN MOVED IN | 48.9         | 44.3       |
| 2. ADDED               | 51.1         | 55.7       |
| -7. REFUSED            | 0.0          | 0.0        |
| -8. DON'T KNOW         | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 26.3=1)

Interviewer and Respondent Behaviors (N=21)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 4.8                           | 0                                   | 0                                     | 4.8         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**HE-12.6b In the last 30 days, have you used this system to call for help?** Universe: IF (HE-12.6=1)

Pilot Study Question 26.3b: Same

Frequency Distribution (N=47)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 2.1          | 1.3        |
| 2. NO          | 97.9         | 98.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 26.3=1)

Interviewer and Respondent Behaviors (N=20)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 5.0                                  | 5.0                           | 0                                   | 0                                     | 0           |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**HE-13.1 Whether or not you use it, does your home have a stall shower separate from a tub?**

Universe: All respondents

Pilot Study Question 27.1: Whether or not you use them, does this bathroom have a stall shower separate from a tub?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 33.9         | 28.3       |
| 2. NO          | 66.1         | 71.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.7                                  | 7.3                           | 0.7                                 | 5.3                                   | 0           |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.**HE-13.1b In the last 30 days, when you bathed or showered, did you use the stall shower every time, most times, sometimes, rarely, or never?** Universe: IF (HE-13.1=1)

Pilot Study Question 27.1b: In the last 30 days, when you bathed or showered, did you use this shower every time, most times, sometimes, rarely, or never?

Frequency Distribution (N=122)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 79.5         | 83.6       |
| 2. most times  | 11.5         | 7.7        |
| 3. sometimes   | 4.1          | 2.5        |
| 4. rarely      | 2.5          | 2.3        |
| 5. never?      | 2.5          | 3.8        |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 27.1=1)

Interviewer and Respondent Behaviors (N=53)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 3.8                                  | 15.1                          | 0                                   | 3.8                                   | 5.7         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**HE-13.2 Whether or not you use them, does your home have any grab bars in the shower or tub area?** Universe: All respondents

Pilot Study Question 27.2: Whether or not you use them, does this bathroom have any grab bars in the shower or tub area?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 39.4         | 29.7       |
| 2. NO          | 60.6         | 70.3       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 3.3                                  | 4.7                           | 0.7                                 | 2.0                                   | 2.7         |

Frequency of requests for clarification or definitions differed significantly ( $p < .05$ ) by age group: 50-64 yrs (0% of n=50), 65-79 (0% of n=51), 80+ yrs (6.1% of n=49). Other behavioral coding categories did not differ significantly ( $p > .05$ ) by age group or presence of functional limitations.

**HE-13.2a Were these grab bars there when you moved in or were any of them added?** Universe: IF (HE-13.2=1)

Pilot Study Question 27.2a: Were these grab bars there when you moved in or were they added?

Frequency Distribution (N=142)

|                        | Unweighted % | Weighted % |
|------------------------|--------------|------------|
| 1. THERE WHEN MOVED IN | 43.7         | 42.2       |
| 2. ADDED               | 56.3         | 57.8       |
| -7. REFUSED            | 0.0          | 0.0        |
| -8. DON'T KNOW         | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 27.2=1)

Interviewer and Respondent Behaviors (N=53)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 9.4                           | 0                                   | 0                                     | 9.4         |

Frequency of interruptions differed significantly ( $p < .05$ ) by age group: 50-64 years (0% of N=12), 65-79 years (0% of N=17), 80+ years (20.8% of N=24). Other behavioral coding categories did not differ significantly ( $p > .05$ ) by age group or presence of functional limitations.

**HE-13.2b In the last 30 days, when you bathed or showered, did you use the grab bars every time, most times, sometimes, rarely, or never?** Universe: IF (HE-13.2=1)

Pilot Study Question 27.2b: Same

Frequency Distribution (N=142)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 45.8         | 40.0       |
| 2. most times  | 14.1         | 13.4       |
| 3. sometimes   | 14.1         | 15.7       |
| 4. rarely      | 9.8          | 13.6       |
| 5. never       | 15.5         | 17.0       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.7          | 0.3        |

Pilot Study Universe: IF (Question 27.2=1)

Interviewer and Respondent Behaviors (N=53)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 13.2                          | 0                                   | 0                                     | 9.4         |

Frequencies of interruptions differed significantly ( $p < .05$ ) by age group: 50-64 years (0% of N=12), 65-79 years (0% of N=17), 80+ years (20.8% of N=24). Other behavioral coding categories did not differ significantly ( $p > .05$ ) by age group or presence of functional limitations.

**HE-13.3 Whether or not you use it, does your home have a seat for the shower or tub?** Universe: All respondents

Pilot Study Question 27.3: Whether or not you use it, does this bathroom have a seat, bench, or stool for the shower or tub?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 28.6         | 19.5       |
| 2. NO          | 71.4         | 80.5       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 6.0                                  | 10.7                          | 0.7                                 | 10.0                                  | 1.3         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**HE-13.3a Was this seat there when you moved in or was it added?** Universe: IF (HE-13.3=1)

Pilot Study Question (NA): This question was not included in the pilot test.

Frequency Distribution

|                        | Unweighted % | Weighted % |
|------------------------|--------------|------------|
| 1. THERE WHEN MOVED IN | NA           | NA         |
| 2. ADDED               | NA           | NA         |
| -7. REFUSED            | NA           | NA         |
| -8. DON'T KNOW         | NA           | NA         |

Pilot Study Universe: NA

Interviewer and Respondent Behaviors

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-13.3b In the last 30 days, when you bathed or showered, did you use the seat every time, most times, sometimes, rarely, or never?** Universe: IF (HE-13.3=1)

Pilot Study Question 27.3b: In the last 30 days, when you bathed or showered, did you use this seat, bench, or stool every time, most times, sometimes, rarely, or never?

Frequency Distribution (N=103)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 36.9         | 29.8       |
| 2. most times  | 5.8          | 14.4       |
| 3. sometimes   | 8.7          | 6.6        |
| 4. rarely      | 8.7          | 6.4        |
| 5. never       | 39.8         | 42.8       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 27.3=1)

Interviewer and Respondent Behaviors (N=39)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.6                                  | 15.4                          | 2.6                                 | 5.1                                   | 17.9        |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**HE-13.4 Whether or not you use it, does your home have a handheld showerhead?** Universe: All respondents

Pilot Study Question 27.4: Whether or not you use it, does this bathroom have an extended, long or handheld showerhead?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 41.1         | 41.7       |
| 2. NO          | 58.6         | 58.1       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.3          | 0.2        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 1.3                                  | 8.7                           | 0                                   | 4.0                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**HE-14.1 Whether or not you use them, does your home have grab bars around any of the toilets?**

Universe: All respondents

Pilot Study Question 28.1: Whether or not you use it, does the toilet you use most often have grab bars around it?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 11.9         | 7.9        |
| 2. NO          | 88.1         | 92.1       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.0                                  | 2.0                           | 0                                   | 1.3                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**HE-14.1a Were these grab bars there when you moved in or were any of them added?** Universe: IF (HE-14.1=1)

Pilot Study Question 28.1a: Were the grab bars there when you moved in or were they added?

Frequency Distribution (N=43)

|                        | Unweighted % | Weighted % |
|------------------------|--------------|------------|
| 1. THERE WHEN MOVED IN | 27.9         | 28.3       |
| 2. ADDED               | 72.1         | 71.7       |
| -7. REFUSED            | 0.0          | 0.0        |
| -8. DON'T KNOW         | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 28.1=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-14.1b In the last 30 days, when you used the toilet, did you use the grab bars every time, most times, sometimes, rarely, or never?** Universe: IF (HE-14.1=1)

Pilot Study Question 28.1b: In the last 30 days, when you used the toilet, did you use the bars every time, most times, sometimes, rarely, or never?

Frequency Distribution (N=43)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 44.2         | 47.4       |
| 2. most times  | 20.9         | 20.1       |
| 3. sometimes   | 16.3         | 14.4       |
| 4. rarely      | 2.3          | 0.3        |
| 5. never       | 16.3         | 17.9       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 28.1=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-14.2 Does your home have a raised or modified toilet seat?**

Universe: All respondents

Pilot Study Question 28.2: Whether or not you use it, does this toilet have a raised or modified seat?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 17.5         | 15.7       |
| 2. NO          | 82.5         | 84.3       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0.7                                  | 3.3                           | 0                                   | 2.7                                   | 0           |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.**HE-14.2a Was the raised or modified seat there when you moved in or was it added?** Universe: IF (HE=14.2=1)

Pilot Study Question (NA): This question was not included in the pilot test.

Frequency Distribution

|                        | Unweighted % | Weighted % |
|------------------------|--------------|------------|
| 1. THERE WHEN MOVED IN | NA           | NA         |
| 2. ADDED               | NA           | NA         |
| -7. REFUSED            | NA           | NA         |
| -8. DON'T KNOW         | NA           | NA         |

Pilot Study Universe: NA

Interviewer and Respondent Behaviors

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**HE-15 Did you or your family pay any of the cost of adding this/these?** Universe: IF (HE-10.2a, HE-10.3a, HE-12.2a, HE-12.3a, HE-12.4a, HE-12.5a, HE-12.6a, HE-13.2a, HE-13.3a, HE-14.1a, OR HE-14.2a=2)

Pilot Study Question 36: Did you or your family pay some or all of the cost of adding these features?

Frequency Distribution (N=228)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 90.8         | 92.6       |
| 2. NO          | 9.2          | 7.4        |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 18.3i, 18.4i, 23.1a, 23.2a, 23.3a, 25.1a, 25.2a, 25.3a, 26.1a, 26.2a, 26.3a, 27.1a, 27.2a, 27.4a, 27.5a, OR 28.1a=2)

Interviewer and Respondent Behaviors (N=92)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 5.4                                  | 13.0                          | 0                                   | 7.6                                   | 0           |

Behavior coding frequencies did not differ significantly ( $p > .05$ ) by respondents' age group or presence of functional limitations.

**HE-16 About how much did you and your family pay altogether? Was it more than \$500, less than \$500, or just about \$500?** Universe: IF (HE-10.2a, HE-10.3a, HE-12.2a, HE-12.3a, HE-12.4a, HE-12.5a, HE-12.6a, HE-13.2a, HE-13.3a, HE-14.1a, OR HE-14.2a=2) AND (HE-15=1)

Pilot Study Question 37: Same

Frequency Distribution (N=207)

|                     | Unweighted % | Weighted % |
|---------------------|--------------|------------|
| 1. more than \$500  | 25.1         | 24.4       |
| 2. less than \$500  | 53.6         | 55.6       |
| 3. just about \$500 | 16.4         | 16.6       |
| -7. REFUSED         | 0.0          | 0.0        |
| -8. DON'T KNOW      | 4.8          | 3.3        |

Pilot Study Universe: IF (Question 18.3i, 18.4i, 23.1a, 23.2a, 23.3a, 25.1a, 25.2a, 25.3a, 26.1a, 26.2a, 26.3a, 27.1a, 27.2a, 27.4a, 27.5a, OR 28.1a=2) AND (Question 36=1)

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 10.6                          | 0                                   | 7.1                                   | 4.7         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondents' age group or presence of functional limitations.

**HE-17 Was it more than \$1000, less than \$1000 or just about \$1000?** Universe: IF (HE-10.2a, HE-10.3a, HE-12.2a, HE-12.3a, HE-12.4a, HE-12.5a, HE-12.6a, HE-13.2a, HE-13.3a, HE-14.1a, OR HE-14.2a=2) AND (HE-15=1) AND (HE-16=1).

Pilot Study Question 38: Same

Frequency Distribution (N=52)

|                      | Unweighted % | Weighted % |
|----------------------|--------------|------------|
| 1. more than \$1000  | 50.0         | 58.1       |
| 2. less than \$1000  | 21.1         | 21.1       |
| 3. just about \$1000 | 21.1         | 14.9       |
| -7. REFUSED          | 1.9          | 2.3        |
| -8. DON'T KNOW       | 5.8          | 3.6        |

Pilot Study Universe: IF (Question 18.3i, 18.4i, 23.1a, 23.2a, 23.3a, 25.1a, 25.2a, 25.3a, 26.1a, 26.2a, 26.3a, 27.1a, 27.2a, 27.4a, 27.5a, OR 28.1a=2) AND (Question 36=1) AND (Question 37=1)

Interviewer and Respondent Behaviors (N=23)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 8.7                           | 0                                   | 4.3                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondents' age group or presence of functional limitations.

**HE-18 Was it more than \$100, less than \$100 or just about \$100?** Universe: IF (HE-10.2a, HE-10.3a, HE-12.2a, HE-12.3a, HE-12.4a, HE-12.5a, HE-12.6a, HE-13.2a, HE-13.3a, HE-14.1a, OR HE-14.2a=2) AND (HE-15=1) AND (HE-16=2)

Pilot Study Question 39: Same

Frequency Distribution (N=111)

|                     | Unweighted % | Weighted % |
|---------------------|--------------|------------|
| 1. more than \$100  | 27.9         | 25.7       |
| 2. less than \$100  | 40.5         | 48.9       |
| 3. just about \$100 | 29.7         | 24.6       |
| -7. REFUSED         | 0.0          | 0.0        |
| -8. DON'T KNOW      | 1.8          | 0.8        |

Pilot Study Universe: IF (Question 18.3i, 18.4i, 23.1a, 23.2a, 23.3a, 25.1a, 25.2a, 25.3a, 26.1a, 26.2a, 26.3a, 27.1a, 27.2a, 27.4a, 27.5a, OR 28.1a=2) AND (Question 36=1) AND (Question 37=2)

Interviewer and Respondent Behaviors (N=46)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.2                                  | 6.5                           | 0                                   | 0                                     | 6.5         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondents' age group or presence of functional limitations.

**HE-19 Did your health insurance or any other program pay any of the cost of adding this/these?**

Universe: IF (HE-10.2a, HE-10.3a, HE-12.2a, HE-12.3a, HE-12.4a, HE-12.5a, HE-12.6a, HE-13.2a, HE-13.3a, HE-14.1a, OR HE-14.2a =2).

Pilot Study Question 40: Did your health insurance or any other program pay for some or all of the cost of adding these features?

Frequency Distribution (N=228)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 9.6          | 8.5        |
| 2. NO          | 89.0         | 91.0       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 1.3          | 0.4        |

Pilot Study Universe: IF (Question 18.3i, 18.4i, 23.1a, 23.2a, 23.3a, 25.1a, 25.2a, 25.3a, 26.1a, 26.2a, 26.3a, 27.1a, 27.2a, 27.4a, 27.5a, OR 28.1a=2).

Interviewer and Respondent Behaviors (N=92)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 4.3                           | 0                                   | 1.1                                   | 6.5         |

Behavior coding frequencies did not differ significantly ( $p > .05$ ) by respondents' age group or presence of functional limitations.

**MODULE B:**  
**MOBILITY AND OTHER DEVICES**  
**MODULE**

## MOBILITY AND OTHER DEVICES MODULE

### MO-1 In the last 30 days, have you used a cane, walker, wheelchair, or scooter, yes or no?

Universe: All respondents

Pilot Study Question 1: Same

Frequency Distribution (N=342)\*

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. Yes         | 28.1         | 19.4       |
| 2. No          | 71.9         | 80.6       |
| -7. Refused    | 0            | 0          |
| -8. Don't Know | 0            | 0          |

Pilot Study Universe: All respondents

\*18 cases are missing due to a CATI complication.

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 3.3                                  | 1.3                           | 0                                   | 2.0                                   | 3.3         |

Behavior coding frequencies did not differ significantly ( $p > .05$ ) by respondents' age or by presence of functional limitations.

### MO-2.1 In the last 30 days, did you use a cane? Universe: IF (MO-1=1).

Pilot Study Question 44.1: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 21.9         | 15.1       |
| 2. NO          | 78.1         | 84.9       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0.7                                  | 3.3                           | 0                                   | 1.3                                   | 0.7         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-2.1a In the last 30 days, when you got out of a bed or chair, how often did you use your cane to help? Would you say every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1=1) AND (MO-2.1=1)

Pilot Study Question 44.1a: Same

Frequency Distribution (N= 79)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 19.0         | 19.1       |
| 2. most times  | 12.7         | 15.9       |
| 3. sometimes   | 24.1         | 19.6       |
| 4. rarely      | 10.1         | 16.7       |
| 5. never       | 34.2         | 28.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 44.1=1)

Interviewer and Respondent Behaviors (N=33)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0                                    | 12.1                          | 3.0                                 | 0                                     | 9.1         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**MO-2.1b In the last 30 days, when you walked around inside your {home/ home or building}, how often did you use your cane? Every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1=1) AND (MO-2.1=1)

Pilot Study Question 44.1b. Same

Frequency Distribution (N=79)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 10.1         | 9.6        |
| 2. most times  | 17.7         | 18.9       |
| 3. sometimes   | 34.2         | 36.3       |
| 4. rarely      | 11.4         | 14.4       |
| 5. never       | 26.6         | 20.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 44.1=1)

Interviewer and Respondent Behaviors (N=33)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 9.1                                  | 12.1                          | 0                                   | 0                                     | 12.1        |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**MO-2.1c In the last 30 days, when you left your {home/ building}, how often did you use your cane? Every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1=1) AND (MO-2.1=1) AND (HE-2 ne 5)

Pilot Study Question 44.1c: Same

Frequency Distribution (N=78)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 46.2         | 44.7       |
| 2. most times  | 16.7         | 12.5       |
| 3. sometimes   | 16.7         | 24.1       |
| 4. rarely      | 14.1         | 12.3       |
| 5. never       | 5.1          | 5.2        |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 1.3          | 1.2        |

Pilot Study Universe: IF (Question 44.1=1)

Interviewer and Respondent Behaviors (N=33)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 9.1                                  | 15.2                          | 3.0                                 | 6.1                                   | 3.0         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**MO-2.2 In the last 30 days, did you use a walker?** Universe: IF (MO-1=1)

Pilot Study Question 44.2: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 6.9          | 4.3        |
| 2. NO          | 93.1         | 95.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 1.3                                  | 1.3                           | 0                                   | 0                                     | 0.7         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**MO-2.2a In the last 30 days, when you got out of a bed or chair, how often did you use your walker to help? Would you say every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1=1) AND (MO-2.2=1)

Pilot Study Question 44.2a: Same

Frequency Distribution (N=25)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 28.0         | 30.3       |
| 2. most times  | 4.0          | 3.6        |
| 3. sometimes   | 24.0         | 17.2       |
| 4. rarely      | 8.0          | 9.3        |
| 5. never       | 32.0         | 35.8       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 4.0          | 3.8        |

Pilot Study Universe: IF (Question 44.2=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**MO-2.2b In the last 30 days, when you walked around inside your {home/home or building}, how often did you use your walker? Every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1=1) AND (MO-2.2=1)

Pilot Study Question 44.2b: Same

Frequency Distribution (N=25)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 32.0         | 34.1       |
| 2. most times  | 16.0         | 9.8        |
| 3. sometimes   | 20.0         | 16.0       |
| 4. rarely      | 8.0          | 11.1       |
| 5. never       | 24.0         | 29.0       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 44.2=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**MO-2.2c In the last 30 days, when you left your {home/ building} how often did you use your walker? Every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1=1) AND (MO-2.2=1) AND (HE-2 ne 5)

Pilot Study Question 44.2c: Same

Frequency Distribution (N=25)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 40.0         | 43.8       |
| 2. most times  | 4.0          | 7.5        |
| 3. sometimes   | 16.0         | 12.4       |
| 4. rarely      | 8.0          | 7.0        |
| 5. never       | 32.0         | 29.3       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 44.2=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**MO-2.3 In the last 30 days, did you use a wheelchair?** Universe: IF (MO-1=1)

Pilot Study Question 44.3: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 6.1          | 4.7        |
| 2. NO          | 93.9         | 95.3       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.0                                  | 1.3                           | 0                                   | 0.7                                   | 0           |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.

**MO-2.3a In the last 30 days, when you got out of a bed or chair, how often did you use your wheelchair to help? Would you say every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1=1) AND (MO-2.3=1)

Pilot Study Question 44.3a: Same

Frequency Distribution (N=22)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 27.3         | 28.2       |
| 2. most times  | 4.5          | 3.1        |
| 3. sometimes   | 13.6         | 12.7       |
| 4. rarely      | 9.1          | 6.2        |
| 5. never       | 45.5         | 49.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 44.3=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**MO-2.3b In the last 30 days, when you went around inside your {home/home or building}, how often did you use your wheelchair? Every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1= 1) AND (MO-2.3=1)

Pilot Study Question 44.3b: Same

Frequency Distribution (N=22)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | 31.8         | 35.9       |
| 2. most times  | 9.1          | 4.0        |
| 3. sometimes   | 13.6         | 18.2       |
| 4. rarely      | 4.5          | 3.6        |
| 5. never       | 40.9         | 38.3       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 44.3=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**MO-2.3c In the last 30 days, when you left your {home/building}, how often did you use your wheelchair? Would you say every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1= 1) AND (MO-2.3=1) AND (HE-2 ne 5)

Pilot Study Question 44.3c: Same

Frequency Distribution:

Not reported due to inadequate sample size (N<20).

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | NA           | NA         |
| 2. most times  | NA           | NA         |
| 3. sometimes   | NA           | NA         |
| 4. rarely      | NA           | NA         |
| 5. never       | NA           | NA         |
| -7. REFUSED    | NA           | NA         |
| -8. DON'T KNOW | NA           | NA         |

Pilot Study Universe: IF (Question 44.3=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**MO-2.4 In the last 30 days, did you use a scooter?** Universe: IF (MO-1=1)

Pilot Study Question 44.4: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 2.5          | 1.4        |
| 2. NO          | 97.5         | 98.6       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 3.3                                  | 1.3                           | 0                                   | 1.3                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-2.4a Do you own or rent this scooter?** Universe: IF (MO-1.1=1)

Pilot Study Question (N/A): This question was not included in the pilot test.

Frequency Distribution

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | NA           | NA         |
| 2. NO          | NA           | NA         |
| -7. REFUSED    | NA           | NA         |
| -8. DON'T KNOW | NA           | NA         |

Pilot Study Universe: NA

Interviewer and Respondent Behaviors

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**MO-2.4b In the last 30 days, when you went around inside your {home/home or building}, how often did you use your scooter? Would you say every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1=1) AND (MO-2.4=1)

Pilot Study Question 44.4b: Same

Frequency Distribution (N= 9): Not reported due to inadequate sample size (N<20).

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | NA           | NA         |
| 2. most times  | NA           | NA         |
| 3. sometimes   | NA           | NA         |
| 4. rarely      | NA           | NA         |
| 5. never       | NA           | NA         |
| -7. refused    | NA           | NA         |
| -8. don't know | NA           | NA         |

Pilot Study Universe: IF (Question 44.4=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**MO-2.4c In the last 30 days, when you left your {home/building}, how often did you use your scooter? Every time, most times, sometimes, rarely, or never?** Universe: IF (MO-1=1) AND (MO-2.4=1) AND (HE-2 ne 5)

Pilot Study Question 44.4c: Same

Frequency Distribution: Not reported due to inadequate sample size (N<20).

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. every time  | NA           | NA         |
| 2. most times  | NA           | NA         |
| 3. sometimes   | NA           | NA         |
| 4. rarely      | NA           | NA         |
| 5. never       | NA           | NA         |
| -7. refused    | NA           | NA         |
| -8. don't know | NA           | NA         |

Pilot Study Universe: IF (Question 44.4=1)

Interviewer and Respondent Behaviors: Not reported due to inadequate sample size (N<20).

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**MO-2.5 In the last 30 days, have you used a motorized cart or electric scooter at the store?** Universe: All respondents

Pilot Study Question 49.9: In the last 30 days, have you used a motorized or electric scooter at the grocery store?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 9.2          | 5.8        |
| 2. NO          | 90.6         | 94.1       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.3          | 0.2        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.7                                  | 6.0                           | 0                                   | 2.7                                   | 10.3        |

Behavior code frequencies did not differ significantly (p>.05) by respondent's age group or presence of functional limitations.

**MO-3.1 In the last 30 days, have you used a hearing aid or other hearing device?**

Pilot Study Universe: All respondents

Pilot Study Question 49.1: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 12.5         | 5.6        |
| 2. NO          | 87.5         | 94.4       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.7                                  | 2.7                           | 0                                   | 1.3                                   | 0.7         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-3.2 In the last 30 days, have you used glasses or contacts?** Universe: All respondents

Pilot Study Question 49.2: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 90.3         | 90.4       |
| 2. NO          | 9.7          | 9.6        |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.0                                  | 5.3                           | 0                                   | 2.0                                   | 0           |

Respondents with no functional limitations were significantly more likely ( $p < .05$ ) to be probed or given definitions (13.3% of N=30) compared to respondents with one or more functional limitations (3.3% of N=120). Other behavioral coding categories did not differ significantly ( $p > .05$ ) by age group or presence of functional limitations.

**MO-3.3 In the last 30 days, have you used vision aids other than glasses?** Universe: All respondents

Pilot Study Question 49.3: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 8.3          | 7.3        |
| 2. NO          | 91.4         | 92.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.3          | 0.1        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.0                                  | 4.0                           | 0                                   | 2.0                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-3.4 In the last 30 days, have you used a reacher or grabber?** Universe: All respondents

Pilot Study Question 49.4: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 15.0         | 10.6       |
| 2. NO          | 85.0         | 89.4       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 1.3                                  | 11.3                          | 0                                   | 15.3                                  | 0.7         |

Frequency of requests for clarification or definitions varied significantly ( $p < .05$ ) by respondents' age group: 50-64 years (6.0% of N=50); 65-79 years (15.7% of N=51); 80+ years (24.5% of N=49). Other behavioral coding categories did not differ significantly ( $p > .05$ ) by age group or presence of functional limitations.

**MO-3.5 In the last 30 days, have you used a special bed or chair to sleep in?** Universe: All respondents

Pilot Study Question 49.5: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 5.6          | 3.5        |
| 2. NO          | 94.4         | 96.5       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.0                                  | 4.7                           | 0                                   | 2.0                                   | 1.3         |

Frequency of interviewer Changed wordings varied significantly ( $p < .05$ ) by respondents' age group: 50-64 years (0% of N=50); 65-79 years (0% of N=51); 80+ years (6.1% of N=49). Other behavioral coding categories did not differ significantly ( $p > .05$ ) by age group or presence of functional limitations.

**MO-3.6 In the last 30 days, have you used a trapeze, lift, or sling to get in and out of bed?**

Universe: All respondents

Pilot Study Question 44.7: In the last 30 days, have you used a trapeze or sling to get in and out of bed?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 0.3          | 0.2        |
| 2. NO          | 99.7         | 99.8       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 1.3                                  | 0.7                           | 0                                   | 0                                     | 2.0         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-3.7 In the last 30 days, have you used a raising seat or lift chair to help you in and out of chairs?**

Universe: All respondents

Pilot Study Question 44.6: In the last 30 days, have you used a special “raising seat” or lift chair to help you get in and out of chairs?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 2.8          | 1.5        |
| 2. NO          | 97.2         | 98.5       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 1.3                                  | 0                             | 0                                   | 0.7                                   | 0.7         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent’s age group or presence of functional limitations.

**MO-3.8 In the last 30 days, have you used a portable urinal or commode, bedpan, or disposable pads?**

Universe: All respondents

Pilot Study Question 49.6: In the last 30 days, have you used a portable commode, bedpan or disposable diapers?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 5.6          | 3.4        |
| 2. NO          | 94.4         | 96.6       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.0                                  | 4.7                           | 0                                   | 0.7                                   | 0.7         |

Respondents with no functional limitations were significantly more likely ( $p < .05$ ) to interrupt (6.7% of N=30)) compared to respondents with one or more functional limitations (0% of N=120). Other behavioral coding categories did not differ significantly ( $p > .05$ ) by age group or presence of functional limitations.

**MO-3.9 In the last 30 days, have you used a modified washer or dryer?** Universe: All respondents

Pilot Study Question 49.7: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 1.7          | 1.2        |
| 2. NO          | 97.8         | 97.9       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.6          | 0.9        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 1.3                                  | 6.7                           | 0                                   | 4.7                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-3.10 In the last 30 days, have you used adapted utensils or adapted appliances for cooking?**

Universe: All respondents

Pilot Study Question 49.8: In the last 30 days, have you used adapted utensils or appliances for cooking?

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 3.1          | 2.5        |
| 2. NO          | 96.9         | 97.5       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 1.3                                  | 12.0                          | 0                                   | 9.3                                   | 0.7         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-4.1 In the last 30 days, did you drive yourself places in a car, truck, or van?**

Universe: All respondents

Pilot Study Question 11.1: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 79.2         | 80.2       |
| 2. NO          | 20.8         | 19.8       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0.7                                  | 8.0                           | 0                                   | 2.0                                   | 1.3         |

Frequency of interviewer probing or giving definitions varied significantly ( $p < .05$ ) by respondents' age group: 50-64 years (0% of N=50); 65-79 years (7.8% of N=51); 80+ years (16.3% of N=49). Other behavioral coding categories did not differ significantly ( $p > .05$ ) by age group or presence of functional limitations.

**MO-4.2a Does the vehicle you drove most often have a ramp or lift?** Universe: IF (MO-4.1=1)

Pilot Study Question 11.1a2: Does the car, truck or van that you used most often have a ramp or lift?

Frequency Distribution (N=285)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 2.5          | 4.3        |
| 2. NO          | 97.5         | 95.7       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 11.1=1)

Interviewer and Respondent Behaviors (N=121)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 1.7                                  | 1.7                           | 0                                   | 2.5                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-4.2b Does the vehicle you drove most often have hand controls, pedal extenders, or a steering adaptation?** Universe: IF (MO-4.1=1)

Pilot Study Question 11.1a1: Does the car, truck or van that you used most often have hand controls, pedal extenders or a steering adaptation?

Frequency Distribution (N=285)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 3.2          | 2.1        |
| 2. NO          | 96.8         | 97.9       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 11.1=1)

Interviewer and Respondent Behaviors (N=121)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 5.8                                  | 8.3                           | 0                                   | 5.0                                   | 1.7         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-4.3 In the last 30 days, did you use a paratransit service or transportation for people with disabilities?**

Universe: All respondents

Pilot Study Question 11.3: Same

Frequency Distribution (N=360)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 5.3          | 5.7        |
| 2. NO          | 94.7         | 94.3       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.0          | 0.0        |

Pilot Study Universe: All respondents

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 0.7                                  | 5.3                           | 0                                   | 4.0                                   | 0           |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-5 Did you or your family pay any of the cost to buy or rent this item/these items?** Universe: IF (MO-2.1, 2.2, 2.3, (2.4 and 2.4a), 3.1, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 4.2a, OR 4.2b=1)

Pilot Study Question 53: Did you or your family pay some or all of the cost to buy or rent these items?

Frequency Distribution (N=336)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 85.1         | 85.7       |
| 2. NO          | 14.3         | 13.9       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 0.6          | 0.4        |

Pilot Study Universe: IF (Question 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, OR 49.9=1)

Interviewer and Respondent Behaviors (N=140)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 3.6                                  | 24.3                          | 0                                   | 11.4                                  | 17.9        |

Frequency of interviewer probing or giving definitions varied significantly ( $p < .001$ ) by respondents' age group: 50-64 years (12.8% of N=47); 65-79 years (42.6% of N=47); 80+ years (17.4% of N=46). Other behavioral coding categories did not differ significantly ( $p > .05$ ) by age group or presence of functional limitations.

**MO-6 About how much did you and your family pay altogether? Was it more than \$250, less than \$250, or just about \$250?** Universe: IF (MO-2.1, 2.2, 2.3, (2.4 and 2.4a), 3.1, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 4.2a, OR 4.2b=1) AND (MO-5=1)

Pilot Study Question 54: Not available. (The pilot test included thresholds of \$500, \$1000, and \$100.)

Frequency Distribution

|                     | Unweighted % | Weighted % |
|---------------------|--------------|------------|
| 1. more than \$250  | NA           | NA         |
| 2. less than \$250  | NA           | NA         |
| 3. just about \$250 | NA           | NA         |
| -7. REFUSED         | NA           | NA         |
| -8. DON'T KNOW      | NA           | NA         |

Pilot Study Universe: NA

Interviewer and Respondent Behaviors

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| NA                                   | NA                            | NA                                  | NA                                    | NA          |

**MO-7 Was it more than \$500, less than \$500 or just about \$500?** Universe: IF (MO-2.1, 2.2, 2.3, (2.4 and 2.4a), 3.1, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 4.2a, OR 4.2b=1) AND (MO-5=1) AND (MO-6=1)

Pilot Study Question 54: Same

Frequency Distribution (N=61)

|                     | Unweighted % | Weighted % |
|---------------------|--------------|------------|
| 1. more than \$500  | 57.4         | 43.4       |
| 2. less than \$500  | 31.2         | 46.7       |
| 3. just about \$500 | 11.5         | 9.9        |
| -7. refused         | 0.0          | 0.0        |
| -8. don't know      | 0.0          | 0.0        |

Pilot Study Universe: IF (Question 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, OR 49.9=1) AND (Question 53=1)

Interviewer and Respondent Behaviors (N=117)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.6                                  | 13.7                          | 0.9                                 | 6.8                                   | 10.3        |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-8 Was it more than \$100, less than \$100 or just about \$100?** Universe: IF (MO-2.1, 2.2, 2.3, (2.4 and 2.4a), 3.1, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 4.2a, OR 4.2b=1) AND (MO-5=1) AND (MO-6=2)

Pilot Study Question 56: Same

Frequency Distribution (N=185)

|                     | Unweighted % | Weighted % |
|---------------------|--------------|------------|
| 1. more than \$100  | 58.9         | 62.9       |
| 2. less than \$100  | 18.9         | 20.1       |
| 3. just about \$100 | 18.9         | 14.3       |
| -7. refused         | 0.5          | 0.6        |
| -8. don't know      | 2.7          | 2.1        |

Pilot Study Universe: IF (Question 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, OR 49.9=1) AND (Question 53=1) AND (Question 54=2)

Interviewer and Respondent Behaviors (N=68)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.9                                  | 4.4                           | 1.5                                 | 1.5                                   | 1.5         |

Behavior code frequencies did not differ significantly ( $p > .05$ ) by respondent's age group or presence of functional limitations.

**MO-9 Did your health insurance or any other program pay any of the cost of {this item/these items}?**

Universe: IF (MO-2.1, 2.2, 2.3, (2.4 and 2.4a), 3.1, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 4.2a, OR 4.2b=1)

Pilot Study Question 57: Did your health insurance or any other program pay some or all of the cost of these items?

Frequency Distribution (N=336)

|                | Unweighted % | Weighted % |
|----------------|--------------|------------|
| 1. YES         | 42.0         | 46.6       |
| 2. NO          | 56.8         | 52.5       |
| -7. REFUSED    | 0.0          | 0.0        |
| -8. DON'T KNOW | 1.2          | 0.9        |

Pilot Study Universe: IF (Question 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, OR 49.9=1)

Interviewer and Respondent Behaviors (N=150)

| Interviewer Behaviors (Unweighted %) |                               | Respondent Behaviors (Unweighted %) |                                       |             |
|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------------|-------------|
| Changed wording                      | Probed or provided definition | Gave qualified or inadequate answer | Requested definition or clarification | Interrupted |
| 2.1                                  | 15.0                          | 1.4                                 | 2.9                                   | 1.4         |

Behavior code frequencies did not differ significantly ( $p>.05$ ) by respondent's age group or presence of functional limitations.