# Appendix D

**Home Hazard Checklist** 

# Older Adults Home Modification Program Home Hazard Checklist<sup>1</sup>

(adapted from <u>CDC's Home Safety Checklist</u>, <u>CPSC's Home Safety Checklist</u>, <u>PD&R 2011</u>, <u>Rebuilding Together Safe at Home Checklist</u>)

	Study ID			Today's Date	Form Completed By:		
Site ID	Field Team ID	Client ID	Visit		Name	Job Title	
			Baseline			<mark>(dropdown menu: OT, OTA,</mark>	
			□ Follow-Up			CAPS, other [Specify])	

OMB Control No. 2528-XXXX, expiration date XX/XX/2024. This form is designed to provide HUD with information about how effective its Older Adults Home Modification Grant Program is. The information you provide is voluntary. Your home can be enrolled in the program whether you decide to participate or not. The public reporting burden for collection of this information is estimated to be 25 minutes per response. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Instructions: This home hazard checklist is designed to be completed by the OT but can be completed by other grantee staff. In general, answer questions based on your observations but ask the client if clarification is needed.

*Suggested Script:* "Thank you for meeting with me today. This walkthrough will take about 25 minutes. Do you have any questions before we begin?"

#### **GENERAL DWELLING QUESTIONS:**

A.1.(baseline only) Ask the client if you don't already know the answer: "When was your home built?"

□ Pre-1900
□ 1900-1920
□ 1921-1940
□ 1941-1960
□ 1961-1980
□ 1981-2000
□ 2001-2020
□ 2021-present
□ Not answered/don't know

### A.2.(*baseline only*) Type of home/primary residence:

□ Single-family home, detached

- □ Single-family home, attached to one or more other dwellings (e.g., townhouse, rowhouse, duplex, triplex, fourplex)
- □ Condominium in multi-unit building
- □ Unit in cooperative housing
- □ Manufactured or mobile home

<sup>&</sup>lt;sup>1</sup> Code for this document: Black font=Question asked of the grantee; *Blue italics* = Instruction for the grantee; yellow highlighted italics: Instruction for REDCap programmer.

 $\Box$  Accessory dwelling unit

□ Another type not already mentioned. Specify: \_\_\_\_\_

A.3. Number of stories inside home: \_\_\_\_\_

# GENERAL HOME INTERIOR (PD&R 2011, RT Safe at Home Checklist) For homes in multi-unit

buildings, inspect only the unit itself, not common areas.

		Yes, and	Yes, but is		
A.4. Do	pes the home currently have any of the	is a	<u>not</u> a		Not
fo	llowing features:	hazard	hazard	No	applicable
A.4a.	Missing grab bars or pressure-mounted vertical				
	safety pole ("super pole") in any non-bathroom				
	areas of the home?				
A.4b.	Broken or boarded-up windows?				
A.4c.	Missing storm windows?				□ Storms removed for summer or unneeded
A.4d.	Hardware for drapes, shades, and/or curtains that are difficult for client to use?				
A.4e.	Plaster or drywall with cracks or holes?				
A.4f.	Thermostat displays that are difficult for client to access and read?				
A.4g.	Washing machine and/or dryer in a location that is difficult for client to access?				

#### A.5. *(baseline only)* Does the home already contain older adult home modifications?

 $\Box$  Yes Go to A.5a  $\Box$  No (Go to A.6)

A.5a optional Summarize existing older adult home modifications:

# **HOME EXTERIOR** (Skip section if A.2=condominium or cooperative housing unit in multi-unit building)

A.6. Does the home exterior have:	Yes, and is a hazard	Yes, but is <u>not</u> a hazard	No	Not Applicable
A.6a. Foundation that is crumbling or has open holes				Foundation not observed
A.6b. Missing bricks, siding, or other outside material				
A.6c. Roof problems (e.g., missing material, sagging, or hole(s))				□ Roof not observed
A.6d. Slippery walking surfaces				
A.6e. Gutters or downspouts in poor repair				
A.6f. (Ask only if A.2=mobile/manufactured home) Skirting in need of repair				

A.7. In the area leading to the home entrance, are there uneven walking surfaces or broken steps?		
A.8. Do the steps just outside the home entrance have		No entry
missing or broken handrails?		steps
A.9. Is the exterior poorly lit at entrances? "Poorly lit"		
means (1) lights cause shadows on the walkway; (2)		
glare is thrown from the lights (e.g., unfrosted		
bulbs, or no shades or covers on lights); (3) bulb		
wattage is inadequate for size of walkway; (4) light		
bulb is burned out; or (5) bulb is missing from		
socket- If visit is during daylight hours, ask client.		
A.10. Is the address number posted on the home		
missing or not visible from the street for		
emergency responders?		
A.11. Does the client need to stretch or bend to reach		□ No mailbox
into the mailbox?		

# **HOME SAFETY DEVICES INSIDE HOME** For multi-unit buildings, inspect only the unit itself, not common areas.

		Yes, and is	Yes, but is		
		a hazard	<u>not</u> a hazard	No	Not Applicable
B.1.	Are smoke detectors missing or not			🗆 Smoke	
	functioning? Ask client before testing			detectors	
	detector(s). If multiple detectors are			present &	
	or should be present, choose "yes,			functioning	
	and is a hazard) if ≥1 is not present				
	where it should be or is not working.				
B.2.	Are carbon monoxide alarms missing			□ CO	🗆 No CO alarm
	or not functioning? Ask client before			alarms	needed-no
	testing alarm(s). If multiple alarms are			present &	combustion
	or should be present, choose "yes, and			functioning	appliances or
	is a hazard) if ≥1 is not present where				attached
	it should be or is not working.				garage
B.3.	Are light switches difficult to locate in				
	the dark?				
B.4.	Are light switches difficult for the				
	client to operate? (e.g., not equipped				
	with rocker-style or other easy-to				
	function switches)				
B.5.	Can the client reach light switches				
	only if they stretch or bend?				
B.6.	Is hot water heater thermostat in				🗆 Did not
	need of repair or set above 120				observe hot
	degrees?				water heater

		Yes, and is a hazard	Yes, but is <u>not</u> a hazard	No
C.1.	Height differences exist between flooring transitions (e.g., between rooms or between different types of flooring)			
C.2.	Floors and floor surfaces (e.g., tile, carpet) pose slipping or tripping hazards or are in need of repair (e.g., uneven surfaces, holes, tears in flooring, torn carpet, carpet curling, uneven surfaces in hardwood, etc.)			
C.3.	Do you have to walk over or around wires or cords (e.g., lamp, telephone, or extension cords)?			
C.4.	Are rugs in rooms other than the kitchen and bathroom not secured? Answer "no" if no rugs are present in rooms other than kitchen or bathroom.			

#### **FLOORS INSIDE HOME** For multi-unit buildings, inspect only the unit itself, not common areas.

# **ENTRANCE DOORS AND DOORS INSIDE HOME** For units in multi-unit buildings, inspect only the unit itself, not common areas.

	Yes, and is a hazard	Yes, but is <u>not</u> a hazard	No
D.1. Do doors have door knobs instead of door levers? (PD&R 2011)			
D.2. Do doors have non-zero thresholds?			
D.3. Are doors missing or in need of repair (e.g., unable to close properly, holes, swing awkwardly)?			
D.4. Do exterior (entrance) doors:			
D.4a Have door locks that are difficult for the client to operate?			
D.4b Missing peephole or have peephole client can reach only if they stretch or bend?			
D.4c Missing automatic door openers or hands-free door hold open capability?			
D.4d Missing storm door(s) or have storm doors in need of repair?			
D.4e Missing slide latches, chains, or other devices for added security?			

### STAIRS AND STEPS INSIDE HOME

For condominiums and apartments in multi-unit buildings, consider only stairs located within the unit, not those in common areas.

E.1 Are there stairs or steps inside home?  $\Box$ Yes *Go to E.1a*  $\Box$  No *(Go to E.2)* 

## E.1a Can you (the field person) access the stairs or steps inside home?

#### $\Box$ Yes Go to E.2 $\Box$ No (Go to F.1)

	Yes, and is a hazard	Yes, but is <u>not</u> a hazard	No
E.2. Are any stair treads or risers missing, broken, or uneven?			
E.3. Is light fixture over the stairs missing?	□ Go to E.4	□ Go to E.4	□ <mark>(Go to</mark> E.3a)
E.3a. Is there only one light switch for the stairway light (i.e., switch is located only at the top or only at the bottom of the stairs)?			
E.3b. Is the stairway poorly lit? "Poorly lit" means (1) lights cause shadows on the walkway; (2) glare is thrown from the lights (e.g., unfrosted bulbs, or no shades or covers on lights); (3) bulb wattage is inadequate for size of walkway; (4) light bulb is burned out; or (5) bulb is missing from the socket. If visit is during daylight hours, ask the client.			
E.4.Do stair treads have slippery surfaces, whether carpeted or bare?			
E.5. Are handrails or balusters missing, loose, broken, at an inappropriate height, or do not extend the length of the stairs?			
E.6. Are handrails present on only one side of the stairs?			

### KITCHEN:

F.1 Can you (the field person) access the kitchen?

#### $\Box$ Yes Go to F.2 $\Box$ No (Go to G.1)

	Yes, and is a hazard	Yes, but is <u>not</u> a hazard	No	Not Applicable
F.2. Does the client need to stretch or bend to reach items they often use, including the microwave? You may need to look at the items on high shelves and ask the client if they often use these materials.				
F.3. Is the kitchen poorly lit? "Poorly lit" means (1) lights cause shadows on the walkway; (2) glare is thrown from the lights (e.g., unfrosted bulbs, or no shades or covers on lights); (3) bulb wattage is inadequate for size of walkway; (4) light bulb is burned out; or (5) bulb is missing from the socket. If visit is during daylight hours, ask the client				
F.4. Are outlets near wet areas missing GFCIs?				□ No outlets are present near wet

			areas
F.5. Is the kitchen missing a fire extinguisher or is the fire extinguisher only partly charged or empty?			
F.6. Does the faucet have knobs instead of handles or levers? ( <u>PD&amp;R 2011</u> )			
F.7. Are kitchen cabinets or shelves missing or in need of repair?			
F.8. Are kitchen cabinets missing rollout trays or lazy susans? (PD&R 2011)			
F.9. Is stove missing an automatic turnoff device?			
F.10. Are kitchen rugs not secured? Answer "no" if no kitchen rugs are present			
F.11 Was one or more appliances malfunctioning on the day of the visit?	🗆 Go to F.11a		
F.11a Which appliance(s) was/were	□ Stove		
malfunctioning? Check all that apply	🗆 Oven		
	□ Refrigerator		
	□ Microwave		
	□ Other		

### BATHROOM((S):

- G.1. How many bathrooms are present in the home? \_\_\_\_\_ Include both full and half baths in this count. (If answer>1, program REDCap to ask G.2-G.11 for each bathroom)
- G.2. Can you (the field person) access bathroom (*Insert number*)?  $\Box$  Yes (Go to G.3)  $\Box$  No (Go to G.2) for bathroom 2, or H.1 if there is only 1 bathroom)
- G.3. Descriptive Information for Bathroom (*insert number*)
  - G.3a *(baseline only and only if G.1>1.* Describe location (e.g., floor number and other description to help keep bathrooms in order at follow-up visit)\_\_\_\_\_
  - G.3b Is Bathroom (insert number) a full or half bath?

□ Full (Ask all questions G.4-G.19) □ Half (Skip questions G.15-G.19)

For follow-up visit, include the following grantee guidance: Complete the questions below for each bathroom, following the same order of bathrooms you used at baseline)

		Yes, and is a hazard	Yes, but is <u>not</u> a hazard	No
G.4.	Is the toilet missing grab bars or have grab bars that are poorly located or in need of repair?			
G.5.	Is the toilet standard height (i.e., lower than comfort height? <i>Do not include portable devices</i> ( <u>PD&amp;R 2011)</u>			

G.6. Is toilet paper holder poorly positioned for	r client?		
G.7. Is toilet seat missing or in need of repair?			
G.8. Is toilet handle difficult for client to use?			
G.9. Are the hot water pipes beneath the sink	exposed?		
G.10. Is the bathroom poorly lit? "Poorly lit" me lights cause shadows on walking area; (2) thrown from the lights (e.g., unfrosted bu shades or covers on lights); (3) bulb watto inadequate for the room space; (4) light b burned out; or (5) bulb is missing from the	glare is lbs, or no ge is ulb is		
G.11. Are bathroom rugs not secured? Answer bathroom rugs are present	"no" if no		
G.12. Is bathroom mirror and cabinet missing o positioned to meet client's needs?	r poorly		
G.13. Is bathroom missing GFCI outlets?			
G.14. Do the faucets have knobs instead of leve handles? ( <u>PD&amp;R 2011</u> )	rs or		
G.15. Does the tub or shower have a slippery su	irface?		
G.16. Is the shower or bathtub area missing gra have grab bars poorly located or in need			
G.17. Does the bathroom contain only a bathtu shower)?	b (no		
G.18. Is the shower missing a flexible handheld	hose?		
G.19. Does the shower have a threshold?			
<ul> <li>burned out; or (5) bulb is missing from the</li> <li>G.11. Are bathroom rugs not secured? Answer bathroom rugs are present</li> <li>G.12. Is bathroom mirror and cabinet missing or positioned to meet client's needs?</li> <li>G.13. Is bathroom missing GFCI outlets?</li> <li>G.14. Do the faucets have knobs instead of level handles? (PD&amp;R 2011)</li> <li>G.15. Does the tub or shower have a slippery su</li> <li>G.16. Is the shower or bathtub area missing grad have grab bars poorly located or in need of the shower)?</li> <li>G.18. Is the shower missing a flexible handheld</li> </ul>	e socket "no" if no r poorly rs or urface? b bars or of repair? b (no		

#### BEDROOM:

Visually assess **only one bedroom**. Check **the same bedroom** at the follow-up visit. Visually check the bedroom even if they currently sleep in the living room or other area.

H.1. Number of bedrooms in home:

H.2. (Ask the client the following): "Where do you normally sleep?".

If there is more than one bedroom, ask the client to identify which bedroom they sleep in most frequently or would like to sleep in if it was accessible and visually check this bedroom. Visually check the bedroom even if they currently sleep in the living room or other area.

Bedroom (Describe location of client's bedroom, including whether it is on a different floor from the main living area and kitchen, or different floor from the bathroom the client normally uses. At follow-up visit, you do not need to describe location; however, if H.1>1, note if this bedroom is the same one the client slept in at baseline): \_\_\_\_\_(Go to H.3)

□ Living Area Go to H.2a

□ Other room not yet mentioned. Specify:\_\_\_\_\_ Go to H.2a

H.2a. (Ask the client the following): "Why don't you sleep in a bedroom?":\_\_\_\_\_

#### H.2b. "Which bedroom would you sleep in if you could? \_\_\_\_\_

(Describe location of this bedroom, including whether it is located on a different floor from the main living area and kitchen, or a different floor from the bathroom the client normally uses. At follow-up visit, if H.1>1, note if this bedroom is the same one the client slept in at baseline.).

H.3. Can you (the field person) access the bedroom identified in H.2?  $\Box$  Yes Go to H.4  $\Box$  No (Go to I.1)

Does the client's bedroom have any of the following issues	Yes, and is a hazard	Yes, but is <u>NOT</u> a hazard	No	Not applicable
H.4 Is the light near the bed missing or hard to reach?				
H.5 Is the path from the bed to the bathroom poorly lit? "Poorly lit" means (1) lights cause shadows on the walkway; (2) glare is thrown from the lights (e.g., unfrosted bulbs, or no shades or covers on lights); (3) bulb wattage is not adequate for size of walkway; (4) bulb is burned out; or (5) bulb is missing from the socket. If visit is during daylight hours, ask the client				
H.6 Does client have to stretch to reach the switch for the ceiling light fixture or ceiling fan? You may need to look to see if fixtures with chains are present in the bedroom and, if yes, ask the client if he/she has troubling reaching it.				no ceiling light fixture or fan present

#### ACCESSIBILITY (PD&R 2011)

I.1 Does the client use a wheelchair, or is a wheelchair is present in the home at the time of the visit?

□ Yes (Go to 1.2) □ No (Go to 1.3)

(Complete I.2 only if client uses a wheelchair)

	Yes, and is a hazard	Yes, but is <u>NOT</u> a hazard	No
I.2 While in a wheelchair, would the client find it difficult to access the			
following features or rooms in this home:			
I.2a Electrical outlets? (PD&R 2011)			
I.2b Electrical switches (e.g., light switches)?			
I.2c Climate controls (thermostats)?			
I.2d All kitchen cabinets?			
I.2e Kitchen countertops?			
I.2f Bathrooms?			
I.2g Bedrooms?			
I.3 Is the bathroom missing:			
I.3a A roll-under sink? (Answer only if person uses a wheelchair)			

I.3b A walk-in tub or accessible shower?		
I.3c An easy-transfer toilet (e.g., raised or comfort height)?		
I.3d Sufficient turn-around space (e.g., if person uses a wheelchair,		
walker, or cane or needs help from another person)?		
I.3e Easy-access storage area?		
I.4 Are the floors uneven or do they have high-pile carpet?		
I.5 Does the home currently have any of the following features:		
I.5a Narrow doors or hallways?		
I.5b Areas of the home that are not on the same level, meaning		
there are steps between rooms?		
I.6 Can the home be entered from the outside only by using steps?		

### VISION, HEARING, AND COGNITIVE ISSUES (PD&R 2015)

- J.1 Does the client have issues with their vision? (Consult client's responses to C.3 on the Client Impact Evaluation Interview form if needed to answer this question.) 
  □ Yes (Go to J.1a) □ No (Go to J.2)
  - J.1a Are electrical and light switches missing tactile cues? □Yes, and is a hazard □ Yes, but is not a hazard □ No
  - J.1b Are stairs or changes in surface missing visual (e.g., color contrast) or tactile cues? □Yes, and is a hazard □ Yes, but is not a hazard □ No
  - J.1c Are thermal controls missing digital displays with large font, backlit features? \_Yes, and is a hazard \_ Yes, but is not a hazard \_ No
- J.2 Does the client have issues with their hearing? (Consult client responses to C.3 on the Client Impact Evaluation Interview form if needed to answer this question.)  $\Box$  Yes Go to J.2a  $\Box$  No (Go to J.3)
  - J.2a Are safety devices (smoke, CO alarms) missing visual cues?
    - $\Box$  Yes, and is a hazard  $\Box$  Yes, but is not a hazard  $\Box$  No
  - J.2b Does the doorbell use bells instead of flashing lights?
    - $\Box$  Yes, and is a hazard  $\Box$  Yes, but is not a hazard  $\Box$  No
- J.3 Does the client have cognition issues? (Consult client responses to C.3 on the Client Impact Evaluation Interview form if needed to answer this question. ) □ Yes Go to J.3a □ No (end home hazard checklist)
  - J.3a Is the range missing conductive heating that could prevent burning? □ Yes, and is a hazard □ Yes, but is not a hazard □ No

Comments about Home Hazard Check (e.g., areas that were not accessible, conditions found that did not fit any checklist categories, etc.):