Appendix D

Home Hazard Checklist

Older Adults Home Modification Program Home Hazard Checklist¹

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

Study ID			Today's Date	Form Co	mpleted By:	
Site ID	Field Team ID	Client ID	Visit		Name	Job Title
			☐ Baseline ☐ Follow-Up			(dropdown menu: OT, OTA, CAPS, Home Repair Staff, Other [Specify])

OMB Control No. 2528-2528-0335, expiration date 5/31/2025. This form is designed to provide HUD with information about the effectiveness of its Older Adults Home Modification Grant Program is. The information the client provides is voluntary. The client's home can be enrolled in the program whether they decide to participate in the evaluation or not. The public reporting burden for collection of this information is estimated to be 6 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.

Grantee 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:

GENERAL DWEI	ELIVE QUESTIONS.
A.1.(baseline only)	Ask the client if you don't already know the answer: "When was your home built?"
□ Pre-1900	
□ 1900-192	0
□ 1921-194	0
□ 1941-196	0
□ 1961-198	0
□ 1981-200	0
□ 2001-202	0
□ 2021-pre	sent
□ Not answ	ered/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

¹ Code for this document: Bold black font=Question asked of the grantee; *Blue italics* = Instruction for the grantee; *yellow highlighted italics*: Instruction for REDCap programmer.

☐ Unit in cooperative housing				
☐ Manufactured or mobile home				
 □ 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 Ch	ecklist) For	homes	in multi-unit
buildings, inspect only the unit itself, not common areas.				
	Yes, and	Yes, but		
	is a	is <u>not</u> a		Not
	hazard	hazard	No	o 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 tha	t			
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 m	odifications	s?	
\square Yes Go to A.5a \square No (Go to A.6)				
A.5a optional Summarize existing older adult home m	nodifications:			
	_			
HOME EXTERIOR				
(Skip section if A.2=condominium or cooperative housing	unit in multi-ı	mit huilding	7)	
Comp section if 122 condominant or cooperative nousing			1)	
	Yes, and is	Yes, but is <u>not</u> a		Not
	a hazard	hazard	No	Applicable
				□ Foundation
A.6a. Foundation that is crumbling or has open holes				not observed
A.6b. Missing bricks, siding, or other outside material				
A.6c. Roof problems (e.g., missing material, sagging, or				□ Roof not
hole(s))				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	Yes, but is		
	is a hazard	<u>not</u> a hazard	No	Not Applicable
B.1. Are smoke detectors missing of functioning? Ask client before detector(s). If multiple detector or should be present, choose "and is a hazard) if ≥1 is not prewhere it should be or is not we	testing ors are yes, esent		□ Smoke detectors present & functioning	
B.2. Are carbon monoxide alarms mor not functioning? Ask client be testing alarm(s). If multiple alarm or should be present, choose "yis a hazard) if ≥1 is not present it should be or is not working.	refore rms are res, and		□ CO alarms present & functioning	□ No CO alarm needed-no combustion appliances or attached garage
B.3. Are light switches difficult to lot the dark?	ocate in $\ \square$			
B.4. Are light switches difficult for client to operate? (e.g., not ed with rocker-style or other easy function switches)	quipped			
B.5. Can the client reach light swite only if they stretch or bend?	ches 🗆			
B.6. Is hot water heater thermostaneed of repair or set above 12 degrees?				□ Did not observe hot water heater

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

		Yes, and is a	Yes, but is <u>not</u> a	
		hazard	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.			

ENTRANCE DOORS AND DOORS INSIDE HOME

For units in 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
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?

 \square Yes Go to E.2 \square No (Go to F.1)

	Yes, and is	Yes, but is	
	a hazard	<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?

 \square Yes Go to F.2 \square 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 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&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	□ <mark>Go to F.11a</mark>		
on the day of the visit?			
(If f.11="yes and it is a hazard")	□ Stove		
F.11a Which appliance(s) was/were	□ Oven		
malfunctioning? Check all that apply	□ Refrigerator		
	☐ Microwave		
	□ Other		
	1 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, up to max of 4. At follow-up,
	baseline answers will be piped in, but they can be	<mark>changed)</mark> .

G.2. Descriptive Information for Bathroom (insert number) (At follow-up, baseline answers will be piped in, but they can be changed)

G.2a	(baseline only and only if G.1>1.	Describe location	(e.g., floor	number and	d other o	lescription
	to help keep bathrooms in order a	at follow-up visit)_				

G.2b Is Bathroom (insert number) a full or half bath?

	□ Full (Ask o	all auestions G 4-G 19)	☐ Half (Skin	auestions G	15-G 1	(9)
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- G.3. Can you (the field person) access bathroom (*Insert number*)? \square Yes \square No
- G.4. Read Verbatim: "Is this the bathroom you normally use?" \square Yes \square No

(If G3=Yes, Complete G.5 to G.16; if G3=No, go to the next bathroom, or if there is only 1 bathroom, go to H.1)

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)

Doe	s bathroom <mark>(insert number)</mark> have any of the following	Yes, and is	Yes, but is	
issu	es:	a hazard	<u>not</u> a hazard	No
G.5.	Is the toilet missing grab bars or have grab bars that are poorly located or in need of repair?			
G.6.	Is the toilet standard height (i.e., lower than			

comfort height? Do not include portable devices (PD&R 2011)		
G.7. Is toilet paper holder poorly positioned for client?		
G.8. Is toilet seat missing or in need of repair?		
G.9. Is toilet handle difficult for client to use?		
G.10. Are the hot water pipes beneath the sink exposed?		
G.11. Is the bathroom poorly lit? "Poorly lit" means (1) lights cause shadows on walking area; (2) glare is thrown from the lights (e.g., unfrosted bulbs, or no shades or covers on lights); (3) bulb wattage is inadequate for the room space; (4) light bulb is burned out; or (5) bulb is missing from the socket	П	
G.12. Are bathroom rugs not secured? Answer "no" if no bathroom rugs are present		_
G.13. Is bathroom mirror and cabinet missing or poorly positioned to meet client's needs?		_
G.14. Is bathroom missing GFCI outlets?		
G.15. Do the faucets have knobs instead of levers or handles? (PD&R 2011)		_
Complete G.16a-G16.e for full bathrooms that you can acce G16e; otherwise, if G.1>1, go to G.2 for the second bathroo		<mark>6a-</mark>
G.16. Tub and shower questions for Bathroom <mark>(insert number)</mark> :		
G.16.a Does the tub or shower have a slippery surface?		
G.16.b Is the shower or bathtub area missing grab bars or have grab bars poorly located or in need of repair?		
G.16.c Does the bathroom contain only a bathtub (no shower)?		_
G.16.d Is the shower missing a flexible handheld hose?		
G.16.e Does the shower have a threshold?		

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. Numbe	roi	pearooms	m	nome:	

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

main livin follow-up	Describe location of client's bed g area and kitchen, or different visit, you do not need to descri the client slept in at baseline):	t floor from the bat be location; howev	hroom the client normally us ver, if H.1>1, note if this bedro	es. At
☐ Living Area☐ Other room	Go to H.2a not yet mentioned. Specify:	Go to H.2a		
H.2a. (Ask th	e client the following): "Why d	lon't you sleep in a	a bedroom?":	
H.2b. "Whic	h bedroom would you sleep ir	n if you could?		
from the main	Describe location of this bedro living area and kitchen, or a dif sit, if H.1>1, note if this bedroor	fferent floor from tl	he bathroom the client norm	ally uses.

H.3. Can you (the field person) access the bedroom identified in H.2? \square Yes Go to H.4 \square 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)

.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	Yes, but is <u>NOT</u> a	
	hazard	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)

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.) □ Yes Go to J.2a □ No (Go to J.3)
J.2a Are safety devices (smoke, CO alarms) missing visual cues?

☐ Yes, and is a hazard ☐ Yes, but is not a hazard	□ No
J.2b Does the doorbell use bells instead of flashing lights	?
☐ Yes, and is a hazard ☐ Yes, but is not a hazard	□ No
J.3 Does the client have cognition issues? (Consult client response the client have cognition issues?) □ Yes (Consult client have cognition issues) □ Yes (Consult client have cognition is the cognition is	
J.3a Is the range missing conductive heating that could pr ☐ Yes, and is a hazard ☐ Yes, but is not a hazard	•
Comments about Home Hazard Check (e.g., areas that were n not fit any checklist categories, etc.):	not accessible, conditions found that did