# Appendix D

### **Home Hazard Checklist**

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

(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 Com	pleted By:
Site ID	Field Team ID	Client ID	Visit	(mm/dd/yyyy)	Name	Job Title
			☐ Baseline			(dropdown m
			☐ Follow-Up			OT, OTA, CA other [Specify
						other [Specify
informaci informaci no. Se cal posible qu	ón sobre la eficaci ón que proporcior cula que la carga d	a de su Progra ne es voluntari le informes pú pile esta inforn	ma de Subvencior a. Su casa puede s blicos para la reco nación y no es nec	nes para Modificacio ser inscrita en el pro opilación de esta inf	ulario fue diseñado para <sub>l</sub> ones de Hogares para Adu grama sin importar si ust ormación es de 25 minut de este formulario, a men	ultos Mayores. La ed decide participar os por respuesta. Es
Instruct	ions: This home	hazard ched	cklist is designe	ed to be complete	ed by the OT but can	be completed by
other gr					servations but ask th	
	ed Script: "Gra alguna pregun	_	_	-	tionario tomará uno	s 25 minutos.
G	g Fg		1			
GENER	RAL DWELLI	NG QUEST	TIONS:			
`	<mark>seline only</mark> ) Ask casa?"	the client if	you don't alred	ndy know the ans	swer: "¿Cuándo fue	construida su
	□ Antes de 190	0				
	□ 1900-1920					
	□ 1921-1940					
	□ 1941-1960 □ 1941-1960					
	□ 1961-1980 □ 1091-2000					
	□ 1981-2000 □ 2001-2020					
	<ul><li> 2001-2020</li><li> 2021-present</li></ul>	to				
	☐ Not answere					
	□ NOL aliswele	u/uon t kno	vv			
A.2.( <mark>bas</mark>	<mark>seline only</mark> ) Tipo	de hogar/r	esidencia princ	ipal:		
	□ Vivienda unif	amiliar, una	casa separada	de cualquier otr	a	

<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.

□ Vivienda unifamiliar, adosada a una o más vivieno hilera, dúplex, triplex, cuadrúplex)	das (por ej	emplo, cas	a tipo to	ownh.	ouse, en
<ul> <li>□ Condominio en edificio de unidades múltiples</li> <li>□ Unidad en una cooperativa de vivienda</li> <li>□ Casa prefabricada o móvil</li> <li>□ Unidad de vivienda accesoria</li> <li>□ Otro tipo no mencionado. Especificar</li> </ul>					
A.3. Cantidad de pisos dentro del hogar:	-				
GENERAL HOME INTERIOR (PD&R 2011, RT Safe a buildings, inspect only the unit itself, not common areas.	nt Home C	Checklist) F	or hom	es in I	multi-unit
	Yes, and	d Yes, bι	ıt is		
A.4. Does the home currently have any of the	is a	<u>not</u>	I		Not
following features:	hazard	hazaı	·d	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 ac   Yes Go to A.5a No (Go to A.6)  A.5a optional Summarize existing older adult home mo  HOME EXTERIOR (Skip section if A.2=condominium or building)	difications	s:		<mark>multi-</mark>	
A.6. Does the home exterior have:	Yes, and is a hazard	Yes, but is <u>not</u> a hazard	No	No Ap	t plicable
A.6a. Foundation that is crumbling or has open holes					oundation t observed
A.6b. Missing bricks, siding, or other outside material					
A.6c. Roof problems (e.g., missing material, sagging,				□F	Roof not

or 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 is a hazard	Yes, but is <b>not</b> a hazard	No	Not Applicable
B.1. Are smoke detectors missing or not functioning? Ask client before testing detector(s). If multiple detectors are or should be present, choose "yes, and is a hazard) if ≥1 is not present where it should be or is not working.		<u>not</u> d nazard	☐ Smoke detectors present & functioning	Туот другили
B.2. Are carbon monoxide alarms missing or not functioning? Ask client before testing alarm(s). If multiple alarms are or should be present, choose "yes, and is a hazard) if ≥1 is not present where it should be or is not working.			□ CO alarms present & functioning	□ No CO alarm needed-no combustion appliances or attached 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

#### **FLOORS INSIDE HOME** For 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
C.1.	8			
	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 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.

Г 1	Are there stairs or steps inside home? $\Box$ Yes Go to E.1a $\Box$	$N_{10}$ ( $C_{10}$ to $F_{10}$ )
- 1	Are there stairs of steps inside notine; I yes (30 to F 10 I I)	NO ((70 (0) F. / )

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 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 not a hazard	No	Not Applicable
			□ No outlets are
	a hazard	a hazard not a hazard	a hazard not a hazard

					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? (PD&R 2011)					
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					
G.1. G.2.	HROOM(S):  How many bathrooms are present in the home? (If answer>1, program REDCap to ask G.2-G.11 for Can you (the field person) access bathroom (Insert for bathroom 2, or H.1 if there is only 1 bathroom)  (Ask client): "¿Es este el baño que usas normalment."	or each bathronumber)? □	o <mark>om)</mark> IYes (Go to G	.3) □1	No ( <mark>Go to (</mark>	<mark>G.2</mark>
C 4	bathroom 2, or H.1 if there is only 1 bathroom)					
G.4.	<ul> <li>G.4a (baseline only and only if G.1&gt;1. Describe loc to help keep bathrooms in order at follow-up</li> <li>G.4b Is Bathroom (insert number) a full or half bath</li> </ul>	ation (e.g., fl	oor number a ———	nd othe	er descripti	ion
	$\Box$ Full (Ask all questions G.5-G.16) $\Box$ Half (Sk		<mark>G.16a-G.16e</mark> )			
	ollow-up visit, include the following grantee guidance oom, following the same order of bathrooms you us			below	for each	
		Yes, and			No	
G.5.	Is the toilet missing grab bars or have grab bars th are poorly located or in need of repair?	at				
G.6.	Is the toilet standard height (i.e., lower than comfort height? <i>Do not include portable devices</i> (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		
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)		
G.16. Tub and shower questions for Bathroom (insert number)		
G.16a Does the tub or shower have a slippery surface?		
G.16b Is the shower or bathtub area missing grab bars or have grab bars poorly located or in need of repair?		
G.16c Does the bathroom contain only a bathtub (no shower)?		
G.16d Is the shower missing a flexible handheld hose?		
G.16e Does the shower have a threshold? (If $G.1=1$ , go to $H.1$ ; otherwise, if $G.1>1$ , go to $G.2$ for the second bathroom)		

#### **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.	Preguntarle al cliente dónde duerme habitualmente.
	Recámara Describe location of client's bedroom, including whether it is located on a different floor from the main living area and kitchen:(Go to H.3)
	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. Add notes

on location of bedroom so you can check the same bedroom even if they currently sleep in the living r			Visually	check t	he
□ Sala Go to H.2a					
☐ Otra habitación que no se haya mencionado. Speci	fy: Go t	:o H.2a			
,	, <del></del>				
H.2a <mark>Si la persona no duerme en una habitación, pre</mark>	gúntele el poi	rqué			
H.2b Si la persona no duerme en una habitación, pre pudiera, or visually check the bedroom that the could get up the stairs). (Describe location of the different floor from the main living area and kitc client normally uses. At follow-up visit, if H.1>1, slept in at baseline.)	c client could l is bedroom, ir chen, or a diff	ogically sleep in ncluding whethe erent floor from	(e.g., if er it is loo the bat	he/she cated or hroom	n a the
H.3 Can you (the field person) access the bedroom iden to I.1)	tified in H.2 o	r H.2b? □ Yes G	o to H.4	□ No	(Go
	Yes, and			No	.t
	is a	Yes, but is	No	applica	
	hazard	<u>not</u> a hazard		аррио	
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 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					
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 they have troubling reaching the chain.				□ no ce light fix or fa prese	xture an
ACCESSIBILITY (PD&R 2011)  I.1 Does the client use a wheelchair, or is a wheelchair is  Yes (Go to I.2) No (Go to I.3)  (Complete I.2 only if client uses a wheelchair)	s present in th	ne home at the t	time of t	:he visit	:?
1.2 (Ask only if person uses a wheelchair) While in a wh	eelchair, wou	ld			
the client find it difficult to access the following fea		Yes, b		No	
in this home:		a hazard		nazard	
I.2a Electrical outlets? (PD&R 2011)					
I.2b Electrical switches (e.g., light switches)?  I.2c Climate controls (thermostats)?					
1.20 Chinate 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? (Ask 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?			
☐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 cor	ntrast) or tacti	le cues?	
<ul> <li>□Yes, and is a hazard</li> <li>□ Yes, but is not a hazard</li> <li>□ No</li> <li>J.1c Are thermal controls missing digital displays with large font,</li> <li>□Yes, and is a hazard</li> <li>□ Yes, but is not a hazard</li> <li>□ No</li> </ul>	backlit featur	es?	
J.2 Does the client have issues with their hearing? (Consult client responsal to a line of the client have issues with their hearing? (Consult client responsal to a line of the client have issues with their hearing? (Consult client responsal to a line of the client have issues with their hearing? (Consult client responsal to a line of the client have issues with their hearing? (Consult client responsal to a line of the client have issues with their hearing? (Consult client responsal to a line of the client have issues with their hearing? (Consult client responsal to a line of the client have issues with their hearing? (Consult client responsal to a line of the client have issues with their hearing? (Consult client responsal to a line of the client have issues with the client have in the client have in the client have a line of the client have in the client have a line of the client have a			
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 responses to C. Interview form if needed to answer this question.) ☐ Yes Go to J.3a <a href="checklist">checklist</a> )			ation
J.3a Is the range missing conductive heating that could prevent burn			
	ning?		
$\Box$ Yes, and is a hazard $\Box$ Yes, but is not a hazard $\Box$ No	ning?		

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