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 Cor	mpleted By:
Site ID	Field Team ID	Client ID	Visit	(mm/dd/yyyy)	Name	Job Title
			☐ Baseline			(dropdown me
			☐ Follow-Up			OT, OTA, CA. other [Specify
informaci informaci no. Se cal posible q	ón sobre la eficaci ón que proporcion cula que la carga d	a de su Progra ne es voluntari le informes pú pile esta inforn	ma de Subvencio 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 ones de Hogares para Ad ograma sin importar si us ormación es de 25 minu te este formulario, a me	dultos Mayores. La sted decide participar tos por respuesta. Es
other gr					ed by the OT but can eservations but ask t	
	ed Script: "Gra alguna pregun	_	_	-	tionario tomará un	os 25 minutos.
GENE	RAL DWELLI	NG QUEST	TIONS:			
,	seline only) Ask casa?"	the client if	you don't alred	ady know the ans	Swer: "¿Cuándo fue	construida su
	□ Antes de 190	0				
	□ 1900-1920 □ 1001-1040					
	□ 1921-1940 □ 1941-1960					
	□ 1941-1900 □ 1961-1980					
	□ 1701 1700 □ 1981-2000					
	□ 2001-2020					
	□ 2021-present	te				
	□ Not answere		W			
,	seline only) Tipo	_	-			
	⊔ vivienda unif	amiliar, una	casa separada	de cualquier oti	a	

¹ 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
 □ Condominio en edificio de unidades múltiples □ Unidad en una cooperativa de vivienda □ Casa prefabricada o móvil □ Unidad de vivienda accesoria □ Otro tipo no mencionado. Especificar 					
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 not 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.			☐ Smoke detectors present & functioning	
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.

E.1 Are there stairs or steps inside home? □Yes Go to	$E.1a \sqcap No$	(Go to E.2)	Į
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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> <mark>E.3a)</mark>
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
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 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? (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						
	HROOM(S): How many bathrooms are present in the home? _ (If answer>1, program REDCap to ask G.2-G.11			ıll and ha	lf bath	s in this cou	ınt.
G.2.	Can you (the field person) access bathroom (Insertor bathroom 2, or H.1 if there is only 1 bathroom	<mark>rt number)</mark> ?	ĺ	(Go to G.	.3) 🗆 N	No (<mark>Go to C</mark>	<mark>;.2</mark>
G.3.	(Ask client): "¿Es este el baño que usas normalmo bathroom 2, or H.1 if there is only 1 bathroom)	ente?"□ Yes	(Go to	G.4) □ N	lo (<mark>Go</mark>	to G.2 for	
G.4.	Descriptive Information for Bathroom (insert num	<mark>ıber)</mark>					
	G.4a (baseline only and only if $G.1>1$. Describe to help keep bathrooms in order at follow-up	_			nd othe	er descripti	on
	G.4b Is Bathroom (insert number) a full or half ba	th?					
	☐ Full (Ask all questions G.5-G.16) ☐ Half (S	Skip questions	s G.16	<mark>a-G.16e)</mark>			
	ollow-up visit, include the following grantee guidan oom, following the same order of bathrooms you u			uestions	<mark>below</mark>	for each	
		Yes, ar		Yes, but		No	
G.5.	Is the toilet missing grab bars or have grab bars t are poorly located or in need of repair?	hat					
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 I			Visually c	:heck tl	he
□ Sala Go to H.2a					
☐ Otra habitación que no se haya mencionado. Speci	fv: Go t	to H.2a			
H.2a Si la persona no duerme en una habitación, pre	gúntele el po	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 kitaclient normally uses. At follow-up visit, if H.1>1, slept in at baseline.)	e client could l is bedroom, in chen, or a diff note if this be	ogically sleep in ncluding whethe erent floor from edroom is the sa	(e.g., if her it is local the bath the one t	ne/she ated or nroom t the clie	n a the nt
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			NI-	L
	is a	Yes, but is	No	Not applied	
	hazard	<u>not</u> a hazard	INO	арриса	abic
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 n
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 tl	ne home at the	time of th	ne visit	?
1.2 (Ask only if person uses a wheelchair) While in a wh	eelchair, wou	ıld			
the client find it difficult to access the following fea		Yes, b	out is		
in this home:	a hazard		ot a hazard		
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? (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 tact	ile cues?	
 □Yes, and is a hazard □ Yes, but is not a hazard □ No J.1c Are thermal controls missing digital displays with large font, □Yes, and is a hazard □ Yes, but is not a hazard □ No 	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 included to an all the client have included to a line of the client have inc			
 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 checklist)			ation
Interview form if needed to answer this question.) \square Yes Go to J.3a checklist)	□ No <mark>(end ho</mark>		ation
Interview form if needed to answer this question.) \square Yes Go to J.3a	□ No <mark>(end ho</mark>		ation

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