

Tables Comparing Treatment and Control Responses

The following tables pull together comparable knowledge, self reported behavior, and home assessment data for the treatment and control groups on the same page for easier comparisons. These tables are the exact tables found in the report. In each two table set, the treatment table is first and the control table second. For example, below is the table showing significant knowledge change at the treatment site which is followed by a table showing significant knowledge change at the control site.

KNOWLEDGE CHANGE

**% of paired, treatment respondents with positive significant change*
by item between pre and follow-up knowledge assessments**

Fire Items	N	Pre	Follow-up	Chg
How far should space heaters be kept from things that can burn, including yourself?	63	31.7	54.0	22.3
What is the safest clothing to wear when you cook?	65	58.5	76.9	18.4
What is the safest ashtray smokers should use?	68	69.1	85.3	16.2
If you get a burn or scald, what should you do first?	68	69.1	83.8	14.7
What is the best way to stop a grease fire in a pan?	73	46.6	60.3	13.7
What is the best thing to do in most cases if your clothing catches on fire?	72	86.1	95.8	9.7
Fall Items				
What can you do to reduce the risk of falling in the bathtub or shower?	65	69.2	92.3	23.1
What is a common situation that causes older adults to fall?	64	87.5	98.4	10.9

- < .05 (2 tailed test)

**% of paired, control respondents with positive significant change*
by item between pre and follow-up knowledge assessments**

Fire Items	N	Pre	Follow-up	Chg
What is the best way to stop a grease fire in a pan?	95	28.4	49.5	21.1
If you get a burn or scald, what should you do first?	87	59.8	71.6	11.8
Fall Item				
What, if any, is the safest throw rug to use?	95	65.3	78.9	13.6

- p < .05 (2 tailed test)

**% of paired, treatment respondents with positive but not significant change
by item between pre and follow-up knowledge assessments**

Fire Items	N	Pre	Follow-up	Chg
A complete home fire escape plan should have which of the following?	66	50.0	65.2	15.2
Where in the house should smoke alarms definitely be installed?	72	69.4	81.9	12.5
Under most circumstances, what is the first thing you should do if a smoke alarm goes off?	72	56.9	66.7	9.8
Fall Items				
What, if any, is the safest throw rug to use?	70	68.6	82.9	14.3
What is the best way to improve safety of a stairway?	62	74.0	86.3	12.3
How often should you have your eyes examined by an eye specialist?	70	71.4	78.6	7.2
How should stairways be lit?	62	77.4	80.6	3.2

**% of paired, control respondents with positive but not significant change
by item between pre and follow-up knowledge assessments**

Fire Items	N	Pre	Follow-up	Chg
What is the first thing you should do if a smoke alarm goes off?	95	53.7	68.4	14.7
How often should you test your smoke alarms?	88	30.7	37.5	6.8
A complete home fire escape plan should have which of the following?	88	39.8	45.5	5.7
What is the safest ashtray smokers should use?	93	71	73.1	2.1
What is the best thing to do in most cases if your clothing catches on fire?	96	94.8	96.9	2.1
Fall Items				
What is the best way to improve safety of a stairway?	95	74.7	82.1	7.4
How should stairways be lit?	86	64	70.9	6.9
What is a common situation that causes older adults to fall?	86	83.7	87.2	3.5
What can you do to reduce the risk of falling in the bathtub or shower?	87	80.5	82.8	2.3
Which shoes are the best choice so you don't slip or trip when walking?	88	43.2	42	2.1

**% of paired, treatment respondents with no change
by item between pre and follow-up knowledge assessments**

Fire Items	N	Pre	Follow-up	Chg
How often should you test your smoke alarms?	67	34.3	35.8	1.5
What telephone number is best to call in case of fire?	73	93.2	94.5	1.3
Nationally, what is the leading cause of home fire deaths?	64	60.9	60.9	0

**% of paired, control respondents with little or no change
by item between pre and follow-up knowledge assessments**

Fire Items	N	Pre	Follow-up	Chg
Where in the house should smoke alarms definitely be installed?	93	79.6	80.6	1
Nationally, what is the leading cause of home fire deaths?	86	61.6	61.6	0

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**% of paired, treatment respondents with significant, negative change*
by item between pre and follow-up knowledge assessments**

Fall Item	N	Pre	Follow-up	Chg
Which shoes are the best choice so you don't slip or trip when walking?	65	55.4	36.9	-18.5

- $p < .05$ (2 tailed test)

**% of paired, control respondents with negative change
by item between pre and follow-up knowledge assessments**

Fire Items	N	Pre	Follow-up	Chg
What telephone number is best to call in case of fire?	95	100	97.9	-2.1
What is the safest clothing to wear when you cook?	87	56.3	52.9	-3.4
How far should space heaters be kept from things that can burn, including yourself?	82	39	34.1	-4.9
Fall Item				
How often should you have your eyes examined by an eye specialist?	94	81.9	79.8	-2.1

SELF-REPORTED BEHAVIOR CHANGE

**% of paired, treatment respondents with significant positive change*
by item between pre to follow-up on self-reported behavior**

Fire Items	N	Pre	Follow-up	Chg
Have you developed an escape plan in case of a fire in your home?	138	58.7	78.3	19.6
If you have a smoke alarm, do you know how to check the smoke alarm to see if it is working?	137	85.4	94.2	8.8
Fall Items				
Do you have grab bars on the wall near the bathtub, shower, or toilet?	142	29.6	44.4	14.8

* p<.05 (2 tailed test)

**% of paired, control respondents with significant positive change
by item between pre to follow-up on self-reported behavior**

Fall Items	N	Pre	Follow-up	Chg
If you have throw rugs, do they all have a rubber backing?	166	71.1	78.9	7.8

HOME ASSESSMENT CHANGES

**% of paired, treatment respondents with positive, significant change*
by item between initial and follow-up home assessments**

Fire Items	N	Pre	Follow-up	Chg
Test the smoke alarm outside the [main] bedroom. Does it work?	37	83.8	97.3	13.5
Is there at least one smoke alarm on every level of the home?	80	76.3	88.8	12.5
How many smoke alarms are in the home?	61	1.57	1.92†	.35
Fall Items				
Are there one or more nightlights that light the path between the bedroom and bathroom?	91	64.8	84.6	19.8
Does the shower/tub have at least on grab bar?	87	57.5	65.5	13.5
Is there a nonslip mat for the shower/tub?	87	57.5	70.1	12.6

* $p < .05$ (2 tailed test)

† This row is numeric, not percentages, i.e. number of smoke alarms

**% of paired, control respondents with positive significant change*
by item between initial and follow-up home assessments**

Fire Items	N	Initial	Follow-up	Chg
Do you have emergency numbers posted?	111	9.0	20.7	11.7
Where are the lids [for pots and pans] stored when you are cooking? (within two feet)	110	70.9	81.8	10.9
Fall Items				
Observe: Does the resident move slowly and get his/her balance before getting out of the chair?	115	73	86.1	10.9
Are there one or more nightlights that light the path between the bedroom and bathroom?	118	66.1	75.4	9.3
Does the shower/tub have at least one grab bar?	116	44.8	53.4	8.6

* $p < .05$ (2 tailed test)

**% of paired, treatment respondents with positive, but non-significant change
by item between initial and follow-up home assessments**

Fire Items	N	Initial	Follow-up	Chg
Are there potholders within two feet of the stove?	61	67.2	72.1	4.9
Is there a smoke detector outside the [main] bedroom?	87	67.8	71.3	3.5
Where are the lids [for pots and pans] stored when you are cooking? (within two feet)	59	76.3	79.7	3.4
Fall Items				
Is there an easy to grip handrail the full length of both sides of the stairway?	20	20.0	25.0	5.0
Do throw rugs have a rubber non-skid backing? (combined)	72	68.5	72.9	4.4
Does the toilet have at least one grab bar?	91	42.9	45.1	2.2

**% of paired, control respondents with positive, but non-significant change
by item between initial and follow-up home assessments**

Fire Items	N	Initial	Follow-up	Chg
Test the smoke alarm outside the bedroom. Does it work?	57	84.2	89.5	5.3
Is there a telephone in the [main] bedroom?	117	73.5	76.9	3.4
Is there at least one smoke alarm on every level of the home?	106	85.8	87.7	1.9
Fall Items				
Is there a non slip mat for the shower/tub?	114	36.8	41.2	4.4
If there is carpeting [in the main bedroom], is it free of wrinkles?	82	86.6	90.2	3.6
Is there any easy to grip handrail the full length on one side of the stairway only?	39	61.5	64.1	2.6

**% of paired, treatment respondents with little* or no change
by item between initial and follow-up home assessments**

Fire Items	N	Initial	Follow-up	Chg
Are space heaters at least three feet away from anything that can burn? (combined)	6	0	0	0
Is there a telephone in the [main] bedroom?	89	74.2	74.2	0
Are ash trays used in the house deep sided?	6	16.7	16.7	0
Do you wet your cigarette or cigar butts before disposing of them?	7	28.6	28.6	0
Fall Items				
Do you have emergency numbers posted?	91	29.7	30.8	1.1
If there is carpeting [in the main bedroom], is it free of wrinkles?	72	93.1	93.1	0
Observe: Does the resident move slowly and get his/her balance before getting out of the chair?	91	98.9	98.9	0
Is the stairway well lit from the top and the bottom?	17	70.6	70.6	0
Are walking areas free of clutter? (combined)	92	95	94.2	-0.8

*less than 1.5 percentage point change

**% of paired, control respondents with little* or no change
by item between initial and follow-up home assessments**

Fire Items	N	Initial	Follow-up	Chg
Is there a smoke detector outside the [main] bedroom?	117	44.4	45.3	.90
How many smoke alarms are in the home?	112	1.71	1.8†	.09
Do you wet your cigarette or cigar butts before disposing of them?	17	23.5	23.5	0
Fall Items				
Observe: Is the resident wearing sturdy, well fitted, low heeled shoes with non-slip soles?	116	71.5	64.7	0.9
Does the toilet have at least one grab bar?	119	35.3	36.1	0.8
Are walking areas free of clutter? (combined)	119	86.4	87.2	0.8
Is there an easy to grip handrail the full length of both sides of the stairway?	40	25	25	0
Do throw rugs have a rubber non-skid backing? (combined)	105	61.9	60.5	-1.4

* less than 1.5 percentage point change

† This row is numeric, not percentages, i.e. number of smoke alarms

% of paired, treatment respondents with negative change and significant negative change* by item between initial and follow-up home assessments

Fall Items	N	Initial	Follow-up	Chg
Observe: Is the resident wearing sturdy, well fitted, low heeled shoes with non-slip soles?	89	83.1	67.4	*-15.7
Is there an easy to grip handrail the full length on one side of the stairway only?	15	73.3	66.7	-6.6

*p < .05 (2 tailed test)

% of paired, control respondents with negative change and significant negative change* by item between initial and follow-up home visits

Fire Items	N	Initial	Follow-up	Chg
Are space heaters at least three feet away from anything that can burn? (combined)	6	33.3	0	-33.3
Are there potholders within two feet of the stove?	115	67.0	63.5	-3.5
Are ash trays used in the house deep sided?	44	13.6	9.1	-4.5
Fall Items				
Is the stairway well lit from the top and the bottom?	40	45	42.5	-2.5

* p < .05 (2 tailed test)