



NEVADA RADON REPORT

Nevada Radon Education Program

A FEDERALLY FUNDED PROGRAM THROUGH THE NEVADA STATE HEALTH DIVISION AND THE U.S. ENVIRONMENTAL PROTECTION AGENCY



University of Nevada
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Ormsby Sportsmen's Association website logo

Ormsby Sportsmen learn about radon

Carson City's largest sportsmen's club, the Ormsby Sportsmen's Association, invited Eric Matus, Radiation Physicist from Nevada State Health Division, as a guest speaker to present the radon message Apr. 16, at the Carson City Sheriff's Office.

Matus presented the radon health risks, how to test for radon, and how to remediate radon problems to the 17 attendees, consisting of nine families. Six radon test kits were requested and the recipients will receive their kits this fall, as cooler weather is the best time to test.

NREP visits Reno High School

On Apr. 16, the Nevada Radon Education Program (NREP) and the Nevada State Health Division (NSHD), Radiation Control Program, visited Scott Huber's AP Environmental Science class at Reno High School.

NSHD Radiation Physicist, Adrian Howe, taught students about radon, its health effects, how to test for it and what to do if a home has elevated levels. Following the presentation, the students competed in teams to answer Radon clicker quiz questions for radon prizes.

After Howe finished his presentation, the students formed teams and were quizzed on various radon facts. The winning team won prizes.

"The clicker quiz helped the students to review information from the PowerPoint," said Radon Education Coordinator, Jamie Roice.

Huber also required the students to test their homes for radon as their lab practical for the class. All of the 17 students used their test kits, but only four had test results. All four were less than the EPA Action Level. The lab was unable to report results for 11 tests due to excessive delay in receipt of the test devices and two tests had missing information.



Adrian Howe, NSHD radiation physicist, gave a radon education presentation on Apr. 16, to Scott Huber's AP Environmental Science class at Reno High School.



Reno High School students in Scott Huber's AP Environmental Science class played the Radon Clicker game for prizes.

Churchill High School students present radon message to school

The Churchill County High School Health Occupations Students of America (HOSA) club, led by teacher Elaine Adams, presented the radon health risk message to fellow classmates, teachers and staff at Churchill County High School on Feb. 22.

Mary Scholz, Cady Cordes, Trent Cooper and Travis Trinidad were the HOSA students who presented the radon message. The Nevada Radon Education Program (NREP) provided short-term radon test kits for students to hand out to attendees and allowed students to borrow

their PowerPoint slide show to deliver the radon message.

During the presentation, the group gave attendees a chance to "smell" radon. Attendees scratched a piece of paper to smell (nothing). This helped the attendees to recognize that radon is odorless. The club members were successful in their message delivery, as the post-evaluation comments were quite positive.

The students performed a pre-test and post-test on attendees to test radon knowledge prior to and following the

» continued, See HOSA, Page 2

HOSA

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presentation. They found that before the presentation, attendees scored an average of 52% in correctly answering radon questions. After the presentation, attendees scored an average of 88%.

After the presentation, the group wrote a report reflecting the process. Within the report, group members wrote, "After hearing the detrimental effects that Radon can potentially cause on an individual's life, we decided that this topic needed to (be) more widely known."

"Through teaching others about this topic, we have spread

the knowledge of radon and its effects throughout our community," said group members. "As we further educated ourselves on radon, the newly acquired knowledge of its cancer causing properties hit home."

The students distributed 34 test kits to attendees and 28, or 82.4% of kits were used. Out of 22 valid test results, only one test was over the EPA Action Level.

Comparing radon potential data to past years' data

Although 2,271 new valid test results were added to Nevada's radon database since a year ago, the radon potential for the state of Nevada stayed the same, as 25.8 percent of the homes tested had radon levels over the EPA Action Level of 4 pCi/l.

Comparison to a year ago

Results show that four counties had a slight decrease in elevated radon level potential. Eureka County had a 10.1 percent decrease in radon potential, from 41.7 to 31.6 percent, as seven new test results were added to the Eureka data. Ten counties had a slight increase, with Storey County having the largest increase of 4.4 percent, as 29.4 percent of the homes tested had elevated radon levels, compared to 25 percent a year ago. However, the difference in percentage was caused by one test result, as only 17 valid test results have been compiled in Storey County.

Comparison to last quarter

In the fourth quarter of FY-2013, 218 new valid test results were completed since March 31. The largest increase in valid test results occurred in Washoe County with 90, followed by Clark County with 68, and Douglas County with 31 new valid tests.

The chart below shows the progression of radon testing in the fourth quarter for the past four years in Nevada compared to the first radon testing survey in the late 1980s.

County Radon Potential comparison over the years

County	NV Radon Survey ¹		Results of 6-30-10 ²			Results as of 6-30-11 ²			As of 6-30-12 ²			As of 3-31-13 ²			As of 6-30-13 ²		
	No. of tests	% of homes having elevated radon levels	No. of usable tests	No. of tests over EPA Action Level	% of homes having elevated radon levels	No. of usable tests	No. of tests over EPA Action Level	% of homes having elevated radon levels	No. of usable tests	No. of tests over EPA Action Level	% of homes having elevated radon levels	No. of usable tests	No. of tests over EPA Action Level	% of homes having elevated radon levels	No. of usable tests	No. of tests over EPA Action Level	% of homes having elevated radon levels
Carson City	98	27%	601	217	36.1%	900	336	37.3%	1,001	386	38.6%	1,176	455	38.7%	1,192	460	38.6%
Churchill	141	9%	136	18	13.2%	196	24	12.2%	244	31	12.7%	317	41	12.9%	319	41	12.9%
Clark	259	3%	790	56	7.1%	1294	101	7.8%	1,509	133	8.8%	1,846	161	8.7%	1,914	166	8.7%
Douglas	85	38%	1864	752	40.3%	2392	935	39.1%	2,521	1004	39.8%	2,896	1,151	39.7%	2,927	1163	39.7%
Elko	258	22%	118	44	37.3%	161	56	34.8%	189	65	34.4%	244	87	35.7%	250	90	36.0%
Esmeralda	20	0%	1	0	*	2	0	*	2	0	*	3	0	*	3	0	*
Eureka	34	29%	5	2	40.0%	10	5	50.0%	12	5	41.7%	19	6	31.6%	19	6	31.6%
Humboldt	250	14%	63	21	33.3%	101	34	33.7%	106	29	27.4%	118	34	28.8%	119	34	28.6%
Lander	68	18%	19	5	26.3%	27	6	22.2%	52	12	23.1%	60	14	23.3%	60	14	23.3%
Lincoln	143	37%	17	5	29.4%	44	15	34.1%	47	14	29.8%	53	17	32.1%	53	17	32.1%
Lyon	68	18%	330	106	32.1%	489	134	27.4%	551	161	29.2%	629	182	28.9%	632	182	28.8%
Mineral	74	41%	48	13	27.1%	60	16	26.7%	58	16	27.6%	67	21	31.3%	67	21	31.3%
Nye	161	10%	104	10	9.6%	118	12	10.2%	117	11	9.4%	127	12	9.4%	127	12	9.4%
Pershing	40	45%	74	44	59.5%	80	47	58.8%	85	44	51.8%	107	57	53.3%	107	57	53.3%
Storey	7	14%	10	1	10.0%	11	1	9.1%	16	4	25.0%	17	5	29.4%	17	5	29.4%
Washoe	407	18%	3132	591	18.9%	4,053	791	19.5%	4,437	902	20.3%	5,297	1,102	20.8%	5,387	1124	20.9%
White Pine	242	27%	92	20	21.7%	130	35	26.9%	149	44	29.5%	172	50	29.1%	173	50	28.9%
Unknown									1	1		2	1		2	1	
State Totals	2,355		7,404	1,905	25.8%	10,068	2,548	25.42%	11,097	2,862	25.8%	13,150	3,396	25.83%	13,368	3,443	25.76%

¹Nevada Indoor Radon Survey, 1989 and 1990-91 surveys, Nevada Bureau of Mines and Geology Educational Series No. 18, Radon in Nevada.

²State data provided by the Nevada State Health Division, Nevada certified radon testers and the following radon labs: AccuStar Labs, Alpha Energy Laboratories, Air Chek, Inc. and Pro Lab. Results based on independently tested homes, not scientific sampling. When known, post-mitigation results are not included and usable results are valid tests, one per home, using an average of multiple tests from the lowest level of the home tested. Schools & large buildings not included.

*Small sample size: more testing is needed to reference reliable radon risk potential for this area.



Laura Au-Yeung spoke at Sun City Anthem's Summerlin program on May 28.

Southern Area Radon update for the quarter

For the first time in the Southern Area Radon Program's history, the Henderson Public Library invited the radon program to present its radon awareness program at the Paseo Verde Library on April 25. More than 40 participants attended the presentation and 35 radon test kits were distributed.

On May 28, about 72 people attended the Sun City Anthem's Summerlin radon program in Las Vegas. Fifty-two test kits were distributed at the program.

On June 8, the Mount Charleston Fire Rescue Volunteer Open House invited the radon program to participate a second year. Despite the hot weather, the turnout at was good and we were able to answer a lot of questions concerning Radon in mountain dwellings.

The radon program was invited to make two presentations at Sun City's Anthem Center in June. On June 13, we presented to homeowners at one of Sun City's scheduled community forums at the Delaware Room, and more than 50 people attended. We gave out 53 test kits. On June 18, we were invited to present to the Sun City's Neighborhood Watch organization, where more than 80 attendees were present and we distributed 52 test kits.



Laura Au-Yeung spoke to a group of 72 attendees at the Sun City Anthem's Summerlin radon program on May 28.



More than 50 attendees were at the Sun City Anthem community clubhouse for the June 13 radon program.

June 2013
Sun City Anthem
Community Assoc.

SCA
Relay
A PUBLICATION OF SUN CITY ANTHEM COMMUNITY ASSOCIATION

What to do about ... RADON



More and more, home buyers and renters are asking about radon levels before they buy or rent a home. You can't see radon. And you can't smell it or taste it. But it may be a problem in your home.

What is radon?

Radon is a naturally occurring radioactive gas. It comes from the decay of uranium that is found in nearly all soils. It typically moves up through the ground to the air above and into your home through cracks and other holes in the foundation. Homes can trap radon inside, where it can build up. Any home may have a radon problem. This means new and old homes, well-sealed and drafty homes, and homes with or without basements.

Radon levels can vary tremendously from one house to the next, and even from one room to the next. But in general, we live in an area of the country that does not have excessive radon levels.

Why you should care about radon levels.

Radon is a leading cause of lung cancer, second only to smoking.

You can test for radon.

Testing is the only way to know if you and your family are at risk from radon. It is inexpensive and easy.

You can fix a radon problem.

Radon reduction systems work and they are not too costly. Some radon reduction systems can reduce radon levels in your home by up to 99%. Even very high levels can be reduced to acceptable levels.

SCA is testing our buildings for radon.

We are currently in the process of testing our buildings for the presence of radon, to ensure we are at safe levels. Appropriate action will be taken if elevated radon levels are detected.

Learn more about radon.

Attend the free seminar on Thursday, June 13, from 6:30 p.m. to 7:30 p.m. in the Delaware Room. The Southern Area Radon Program Coordinator will have a number of free radon-testing kits available and will explain how to use them.

Free Radon Seminar

Thursday, June 13
6:30 p.m. to 7:30 p.m.
Delaware Room, Anthem Center

Find Out How to Obtain
Free Radon-Testing Kits

Short-term test kits distributed at Southern area activities/programs from April to June 2013

Date	Program/Presentation	No. kits distributed	No. tested	% tested
4/3/13	New York Club Program	19	5	26.3%
4/25/13	Paseo Verde Library Program	35	14	40%
5/28/13	Sun City Summerlin Security Patrol Program	52	12	23.1%
6/8/13	Mount Charleston Fire Rescue Open House	14	0	0%
6/13/13	Sun City Anthem Program	53	13	24.5%
6/18/13	Sun City Neighborhood Watch Program	52	5	9.6%
Program Totals		225	49	21.8%

Radon test kit distribution for the April-June quarter

The data in the three charts on this page show the number of test kits distributed at various events and activities for the April through June quarter. They show the number of test kits distributed as well as the number of test

kits used. The percentage represents the percent of usage within the activity, presentation or from partner distribution locations.

Short-term test kits distributed from Special Projects, Partners and Cooperative Extension offices from April to June 2013			
Distribution point	No. kits distributed	No. tested	% tested
Carson City County UNCE	5	4	80%
Clark County UNCE	21	18	85.7%
Douglas County UNCE	23	11	47.8%
Elko County UNCE	1	0	0%
Humboldt County UNCE	1	1	100%
Incline Village Recreation Center	6	1	16.7%
Lyon County UNCE	4	0	0%
NE Clark County UNCE	1	1	100%
Nevada Tahoe Conservation District Office	2	0	0%
Northern Nye and Esmeralda County UNCE	1	1	100%
Washoe County UNCE	69	40	58%
Mitigator Norm Denny kit distribution	17	11	64.7%
TOTALS	151	88	58.3%

Short-term test kits distributed at Western and Central area programs from April to June 2013				
Date	Program	No. kits distributed	No. tested	% tested
4/16/13	Reno High School Program	23	19	82.6%
Program Totals		23	19	82.6%

Short-term test kits distributed by Mail with Coupons or Phone call requests from April to June 2013			
Distribution point	No. kits distributed	No. tested	% tested
Las Vegas mail order	1	1	100%
Reno mail order	11	6	54.5%
Incline Village Rec Ctr cpns	4	3	75%
Website coupons	3	2	66.7%
TOTALS	19	12	63.2%

Radon test kit distribution and tests used for the year

Data is collected to reflect the percentage of elevated radon levels found in each zip code area in Nevada, but it is also collected to show the where test kits are distributed, such as through UNCE offices, partners, program

» continued, See DISTRIBUTION, Page 5

Short-term test kits distributed at Southern area activities/programs from July 1, 2012 to June 30, 2013

Date	Program/Presentation	No. kits distributed	No. tested	% tested
7/18/12	Condominium HOA program	7	0	0%
9/8/12	Youth Gardener program	14	0	0%
9/10/12	Sun City Anthem Health Fair	19	5	26%
9/10/12	Sun City Cancer Support Group program	11	2	18%
10/3/12	NV Naturalist Club program	35	14	40%
10/29/12	LV Red Hat Society's program	53	13	24.5%
10/30/12	Bally Technology Health Fair	25	8	32%
10/30/12	Henderson Senior Center program	14	3	21.4%
11/26/12	Life Long Learning Club program	52	5	9.6%
12/8/12	West LV Library program	52	12	23.1%
12/15/12	Whitney Library program	16	4	25.0%
12/17/12	Clark County Library program	3	0	0.0%
1/5/13	Clark County Library program 2	5	0	0.0%
1/6/13	LV Poster Contest Awards program	19	11	58%
1/8/13	Spring Valley Library program	15	11	73.3%
1/9/13	Windmill Library program	11	4	36%
1/12/13	Boulder City Library program	38	18	47.4%
1/15/13	Sunrise Library program	27	14	51.9%
2/2/13	West Charleston Library program	14	5	36%
2/6/13	Sahara West Library program	16	7	43.8%
2/9/13	Enterprise Library program	7	0	0.0%
2/11/13	Sun City Aliante program	2	1	50.0%
2/13/13	Summerlin Library program	18	8	44%
2/23/13	Centennial Hills Library program	17	3	17.6%
3/6/13	UNLV class program	36	12	33%
3/9/13	NV Naturalist Club Open House	18	9	50.0%
4/3/13	New York Club program	26	7	26.9%
4/25/13	Paseo Verde Library program	16	7	44%
5/28/13	Sun City Summerlin Security Patrol program	25	6	24.0%
6/8/13	Mt. Charleston Fire Rescue Open House	11	6	55%
6/13/13	Sun City Anthem program	9	2	22.2%
6/18/13	Sun City Neighborhood Watch program	25	11	44.0%
Program Totals		656	208	31.7%

Short-term test kits distributed from Projects, Partners and Cooperative Extension offices from July 1, 2012 to June 30, 2013

Distribution point	No. kits distributed	No. tested	% tested
Carson City County UNCE	422	232	55%
Churchill County UNCE	92	51	55.4%
Clark County UNCE	171	97	56.7%
Douglas County UNCE	538	343	63.8%
Elko County UNCE	65	30	46.2%
Eureka County UNCE	32	2	6.3%
Humboldt County UNCE	23	9	39.1%
Incline Village Recreation Center	178	87	48.9%
Lander County UNCE	3	3	100%
Lincoln County UNCE	6	5	83.3%
Lyon County UNCE	50	31	62%
Mineral County UNCE	17	9	52.9%
Northeast Clark County UNCE	3	3	100%
Northern Nye & Esmeralda UNCE	1	1	100%
Pershing County UNCE	15	7	46.7%
Southern Nye County UNCE	9	6	66.7%
Storey County UNCE	16	3	18.8%
Washoe County UNCE, includes:	828	458	55.3%
<i>Jim McCauley cpn</i>	3	3	100%
<i>Mindy Hsu cpn</i>	3	2	66.7%
<i>North Valleys Library cpn</i>	1	1	100%
<i>NW Reno Library cpn</i>	2	2	100%
<i>South Valleys Library cpn</i>	3	3	100%
<i>saw Observations program</i>	2	1	50%
<i>heard it on the radio</i>	132	74	56.1%
<i>saw KNPB program</i>	32	13	40.6%
White Pine County UNCE	45	24	53.3%
C McGraph school project	40	11	27.5%
Churchill County High School testing	20	20	100%
Mitigator Norm Denny kit distribution	57	38	66.7%
Nevada Tahoe Conservation District Office	26	13	50%
Rural NV Development Corp. testing	35	7	20%
Shanna Keele activity	18	7	38.9%
Tahoe Regional Planning Agency	7	4	57.1%
Washoe County Treasurer's Office	15	6	40%
Washoe Valley group	16	7	43.8%
TOTALS	2748	1514	55.1%

DISTRIBUTION

Continued from Page 4

presentation, projects, or activities. These numbers are compared to the number of tests that are used, resulting in a “success” percentage. This information provides feedback to show how successful a particular presentation or project was in encouraging people to test their homes.

We can also determine what prompted a person to come get a test kit, as we ask the question, “How did you hear about radon?” Some of that information is included in the charts below.

During the 2013 fiscal year, 4,883 test kits were distributed from county Extension offices and partner locations, program

Short-term test kits distributed at Western and Central area programs from July 1, 2012 to June 30, 2013				
Date	Program	No. kits distributed	No. tested	% tested
7/30/12	PineWild HOA event	11	1	9.1%
9/5/12	Washoe County School District Health Fair	103	21	20.4%
9/9/12	2012 CABNR Field Day	90	20	22.2%
9/14/12	Bally Tech Health Fair	101	14	13.9%
10/4/12	White Pine County UNCE Open House	3	0	0%
10/24/12	Reno Fire Show/HazMat Training program	17	5	29.4%
10/30/12	Carson Valley Middle School program	114	48	42.1%
11/26/12	White Pine County UNCE Commissioners mtg.	11	3	27.3%
12/5/12	KNPB "A Conversation" taping	11	3	27.3%
12/5/12	NV Broadcasters Assoc. "Observations" taping	8	1	12.5%
1/3/13	Washoe County UNCE program	9	4	44.4%
1/7/13	Douglas County Board of Commissioners mtg.	4	1	25%
1/8/13	Carson City Senior Center program	17	7	41.2%
1/8/13	Washoe County Commissioners mtg.	6	1	16.7%
1/8/13	White Pine County School Board program	8	3	37.5%
1/9/13	CVIC program	20	7	35%
1/10/13	Incline Village Library Program	7	1	14.3%
1/14/13	Elko Library program	13	6	46.2%
1/14/13	Sparks City Council mtg.	10	1	10%
1/15/13	Wells Library program	16	7	43.8%
1/17/13	Carson City High Desert Garden Club program	16	11	68.8%
1/22/13	Eureka Opera House program	8	2	25%
1/23/13	White Pine County Library program	4	3	75%
1/23/13	White Pine County Senior Center program	13	4	30.8%
1/25/13	It's Your City taping	2	1	50%
1/26/13	North Valleys Library Program	31	13	41.9%
1/28/13	Pershing County UNCE program	2	0	0%
1/29/13	Churchill County UNCE program	7	3	42.9%
1/30/13	South Valleys Library Program	30	14	46.7%
1/31/13	Lyon County UNCE program	11	2	18.2%
2/5/13	JCP Brown Bag Lunch program	29	8	27.6%
2/12/13	Carson City Sheriff's Office program	28	16	57.1%
2/14/13	Carson City Natives & Newcomers program	11	3	27.3%
2/21/13	Crescent Valley program	15	5	33.3%
2/22/13	Churchill County H.S. HOSA program	34	28	82.4%
2/23/13	Local Leaders Institute program	18	2	11.1%
2/26/13	Master Gardeners program	15	10	66.7%
2/28/13	Green Industry Class program	11	4	36.4%
3/13/13	Coldwell Banker Select program	1	0	0%
3/14/13	Gardnerville Kiwanis program	15	6	40%
3/20/13	Reno Red Hat Society program	6	3	50%
4/16/13	Reno High School Program	23	19	82.6%
Program Totals		909	311	34.2%

presentations, through special projects, and by mail. The Washoe County UNCE office continues to bring in 828, the largest amount of residents, followed by Douglas County UNCE at 538, and Carson City County UNCE with 422.

The Cooperative Extension’s radon website has also been a great source of information for many, but library coupon displays and radio ads also helped.

The four charts on these pages reflect the number of test kits distributed and used from a variety of locations and projects from July 1, 2012 to June 30, 2013.

During the National Radon Action Month period, we use a variety of means to get advertise the free test kit period. Included are library displays, radio and TV advertising, volunteer partners, and television programs. Each of the Cooperative Extension offices advertises, too, using signs, flyers, and banners. Newspaper articles are widely used, too, bringing in more than radio or television ads. The charts below show that volunteer efforts (from Jim McCauley, Shanna Keele and Mindy Hsu), also brought people into our Washoe County office, as well as by mail and phone calls. Various groups also called to procure test kits for their groups, namely a Washoe Valley group, Washoe County Treasurer’s office, and Churchill County High School, as well as a student, Carolena McGraph, who wanted to use radon testing data for a science project.

Short-term test kits distributed by Mail with coupons or Phone call requests from July 1, 2012 to June 30, 2013			
Distribution point	No. kits distributed	No. tested	% tested
Las Vegas mail order	74	39	52.7%
Reno mail orders, includes the following:	381	155	40.7%
Grassroots Books cpn	3	1	33.3%
NW Reno Library cpn	10	5	50%
N Valleys Library cpn	1	0	0%
Sierra View Library cpn	1	1	100%
South Valleys Library cpn	1	0	0%
Sparks Library cpn	2	0	0%
Incline Village Rec. Ctr. cpn	4	3	75%
Elko UNCE cpn	1	1	100%
White Pine County UNCE cpn	1	1	100%
Mindy Hsu cpn	96	42	43.8%
Girl Scout program cpn	1	0	0%
Crescent Valley mailing list	8	0	0%
heard it on the radio	45	17	37.8%
saw KNPB program	18	6	33.3%
Website coupon, includes the following	115	68	59.1%
heard it on the radio	14	11	78.6%
saw KNPB program	34	21	61.8%
TOTALS	570	262	46.0%

Nevada Radon Short-Term Test Results*

From 1989 to June 30, 2013

Nevada counties	Carson City		Churchill		Clark		Douglas		Elko		Esmeralda	
Total number of usable tests per county	1,192		319		1,914		2,927		250		3	
EPA Action Level	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0
No. of short-term radon test results	732	460	278	41	1,748	166	1,764	1,163	160	90	3	0
% of homes tested that have elevated radon levels	38.59%		12.85%		8.67%		39.73%		36.00%		sample size too small	

Nevada counties	Eureka		Humboldt		Lander		Lincoln		Lyon		Mineral	
Total number of usable tests per county	19		119		60		53		632		67	
EPA Action Level	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0
No. of short-term radon test results	13	6	85	34	46	14	36	17	450	182	46	21
% of homes tested that have elevated radon levels	31.58%		28.57%		23.33%		32.08%		28.80%		31.34%	

Nevada counties	Nye		Pershing		Storey		Washoe		White Pine		TOTALS	
Total number of usable tests per county	127		107		17		5,387		173		13,368	
EPA Action Level	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0	<4.0	>4.0
No. of short-term radon test results	115	12	50	57	12	5	4,263	1,124	123	50	9,925	3,443
% of homes tested that have elevated radon levels	9.45%		53.27%		29.41%		20.87%		28.90%		25.76%	

*State data provided by the Nevada State Health Division, Nevada certified radon testers and the following labs: AccuStar Labs, Alpha Energy Laboratories, Air Chek, Inc. and Pro Lab. Results based on independently tested homes, not scientific sampling. When known, post-mitigation results are not included and usable results are valid tests, one per home, using an average of multiple tests from the lowest level of the home tested. (Schools & large buildings not included.)

Nevada Radon Long-Term Test Results**

From January 2001 to June 30, 2013

Nevada counties	Carson City	Churchill	Clark	Douglas	Elko	Humboldt	Lincoln	Lyon	Nye	Pershing	Washoe	White Pine	TOTALS
Total number of usable tests per county	35	5	28	98	6	3	1	26	1	3	171	8	385
EPA Action Level	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0	<4.0 >4.0
No. of long-term radon test results	20 15	5 0	23 5	70 28	3 3	2 1	0 1	21 5	0 1	2 1	128 43	6 2	280 105
% of homes tested that have high radon levels	42.9%	0%	17.9%	28.6%	50%	33%	100%	19%	100%	33%	25.1%	25%	27.27%

**State data provided by RSSI, Alpha Energy Laboratories and AccuStar Labs. Results based on independently tested homes, not scientific sampling. When known, post-mitigation results are not included and usable results are valid tests, one per home, using an average of multiple tests from the lowest level of the home tested. (Schools & large buildings not included.)

Radon Education Program Numbers

UNCE Radon Program	prior to Sep 07	FY 08	FY 09	FY 10	FY 11	FY 12	Jul - Sep 12	Oct - Dec 12	Jan - Mar 13	Apr - Jun 13	Total to date
Radon phone and email inquiries	NA	2,136	2,688	1,911	2,209	1,946	109	1,185	1,647	207	14,038
Direct contacts promoting radon testing and mitigation	NA	3,259	14,000	10,428	7,862	7,768	1,276	1,188	5,065	887	51,733
Newspaper/magazine articles	1	99	61	85	68	122	14	48	38	5	541
Number of TV reports	NA	17	9	57	37	6	0	1	3	0	130
Number of TV PSAs						592	0		310	0	902
Website pages of NV Radon information			45	113	253	113	4	32	64	0	624
Number of radio PSAs	NA	6	6	26	6	195	0	955	2,800	0	3,994
Number of radon exhibits	NA	51	106	186	148	183	16	12	48	1	751
Radon publications/info distributed	NA	2,798	67,071	59,378	58,545	99,057	14,898	18,853	49,852	17,302	387,754
Web site page hits	NA	NA	29,466	59,288	75,920	85,617	21,884	29,959	66,653	34,297	403,084
Test kits distributed	971	2,469	8,208	5,321	4,829	3,993	463	534	3,496	436	30,720
Homes tested-Short-Term*	1574	1,316	4,062	2,590	2,339	2,025	92	293	1,399	259	15,949
Homes tested-Long Term**	41	26	56	30	30	28	6	7	7	13	244
School buildings tested	6	1	16	10		15			1		49
School buildings mitigated		2	9			0	4				15
Homes mitigated	4	20	75	92	128	132	17	27	50	18	563
Homes with repaired mitigation system or fan replacements				1	1	1					3
Large buildings tested		27		31		152	6	4	6		226
Large buildings mitigated			2			1					3
Homes tested in Real Estate transaction	1	27	68	84	168	259	46	3	36	17	709
Homes built with RRNC features		7	36	30	18	22	2	3	15	6	139
Number of certified Mitigators		3	2	-1		0			-2		2
Number of Builders using RRNC					5	3		1			9
No. of Realtors promoting Radon testing						26		1	6		33

Radon Zone Summaries

Nevada Radon Zone Short-Term Test Result Summary				
Zones	Counties	Total Tests	Tests > 4 pCi/l	% high radon
Zone 1	Carson City, Douglas, Eureka, Lander, Lincoln, Lyon, Mineral, Pershing, White Pine	5,232	1,971	37.67%
Zone 2	Churchill, Elko, Esmeralda, Humboldt, Nye, Storey, Washoe	6,222	1,306	20.99%
Zone 3	Clark	1,914	166	8.67%
Statewide statistics		13,368	3,443	25.76%

Nevada Radon Zone Long-Term Test Result Summary				
Zones	Counties	Total Tests	Tests > 4 pCi/l	% high radon
Zone 1	Carson City, Douglas, Eureka, Lander, Lincoln, Lyon, Mineral, Pershing, White Pine	171	52	30.41%
Zone 2	Churchill, Elko, Esmeralda, Humboldt, Nye, Storey, Washoe	186	48	25.81%
Zone 3	Clark	28	5	17.86%
Statewide statistics		385	105	27.27%



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