



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
Cooperative Extension

Volume 5 - Number 4 - FY 2012 April through June 2012

Inside this Report Page

NV Women's Expo	1
Real Estate Investors Club	1
Elko Civic Group	1
Radon in the News	2
Pershing County volunteers	2
Radon potential update	2
Grassroots Books Day	3
Southern Area Efforts	3
Test kit distribution data	4-5
State test results	6
Program numbers	6

NREP participates at Women's Expo

University of Nevada Cooperative Extension's Nevada Radon Education Program (NREP) was one of more than 200 exhibitors at the 10th annual Nevada Women's Expo, held March 31 through April 1, at the Reno-Sparks Convention Center. More than 7,000 people attended the two-day event.

NREP's Megan Long and Susan Howe gave out 275 short-term radon test kits during the two-day event. Several people who stopped at the booth had heard about radon from the news media, but for many, the Expo was the first time they had heard about radon. Of 275 test kits distributed, 28 test kits have been used, and for 25 people, it was the first time they had tested their home.

"The Nevada Women's Expo was a great venue for introducing the radon health risk to many new



Susan Howe of NREP gives a short-term radon test kit to a Nevada Women's Expo attendee.

people," said Howe. "We were glad we were asked to participate in the annual event and hope we can participate the next time it occurs."

Real estate investors learn about radon

The Nevada Radon Education Program (NREP) spoke to the Reno Real Estate Investors Club (Reno REIC) at their monthly meeting on April 3, at the Reno Sparks Association of Realtors, 5650 Riggins Court in Reno.

Eric Matus, radiation physicist at Nevada State Health Division, spoke to the group of 38 about the health risks associated with exposure to elevated levels of radon in the indoor air, how to fix radon problems, build new homes with radon systems to prevent radon entry, and how to test for radon, especially when purchasing real estate.

Ron Bell, moderator, asked NREP to speak at their monthly meeting "because radon is an ever-present health risk that real estate buyers and homeowners should be aware of."



Eric Matus, Nevada State Health Division radiation physicist, gave a radon presentation to the Reno Investors group.

About 25 short-term radon test kits were distributed at the meeting.

NREP thanks the Reno REIC for inviting them to speak and hopes that each attendee will protect their investments by having purchases tested for radon as part of the home inspection.

Elko civic group learns about radon

Jill Tingey, Elko County Extension Educator, presented a radon education program to a group of 16 attendees at the First Ward Relief Society meeting on May 1, at the Church of Jesus Christ of Latter Day Saints in Elko.



Jill Tingey
Elko County
Extension
Educator

The group contacted the Elko County Extension Office because they were interested in learning about radon and

how to protect their families. One participant reported that she would encourage her mother to test her home.

Thirteen radon test kits were distributed at the meeting, and five of the test kits have been used.



First Ward Relief Society members attended the May 1 meeting to learn about radon and how to protect their families.

Radon in the news...

8 NEWSNOW.COM Apr. 7, 2012 News Now

Thank you for submitting the following event to the Las Vegas Area Events calendar.

Radon Awareness Presentation
 Date: Saturday, April 07, 2012
 Time: 11:30 am - 12:30 pm PDT
 Where: Clark County Library, 1401 Flamingo Road LV 89119

Price - Ticket: \$0
 Contact: Laura Au-Yeung
 Notes: Free test kits will be offered at each presentation.

8 NEWSNOW.COM May 12, 2012 News Now

Thank you for submitting the following event to the Las Vegas Area Events calendar.

Radon Awareness Presentation
 Date: Saturday, May 12, 2012
 Time: 2:30 pm - 3:30 pm PDT
 Where: Henderson Multigenerational Center, 250 Green Valley Pkwy., Henderson, NV 89012

Price - Low: \$0
 Ticket Phone: 702-257-5550
 Contact: Laura Au-Yeung
 Notes: Free test kits will be offered at each presentation. Radon is the leading cause of lung cancer among nonsmokers. Every year, radon-induced lung cancer kills more people than secondhand smoke, drunk driving, falls in the home, drowning or home fires. The Environmental Protection Agency (EPA) estimates 21,000 Americans die each year from lung cancer caused by indoor radon exposure.

Briefs Apr. 5, 2012 LV Review Journal

SPECIAL TO HOME
 Posted: Apr. 5, 2012 1:02 a.m.

Information about radon, test kits featured at presentations

Two radon presentations are being offered through University of Nevada Cooperative Extension's Radon Education Program this spring.

The first, on Saturday, will be held at the Clark County Library, 1401 Flamingo Road, at 11:30 a.m. The second will be held at the Multigenerational Center in Henderson on May 12 at 2:30 p.m. Free will be offered at each station.

Environmental Protection Agency estimates 21,000 Americans die each year from lung cancer caused by indoor radon gas, which is the leading cause of lung cancer among nonsmokers.

In Clark County, 77 percent of the homes for radon have found levels above 1/3 action level.

Radon is an odorless, colorless, invisible gas that can reach harmful levels when trapped indoors. The only way to know what the radon levels are inside a home is to measure them.

A three-day test can determine if a house has a radon problem. If high levels of radon are found, there is a way to reduce radon levels.

Test kits are available at Cooperative Extension office state-wide. In Clark County, they are available at the UNCE, 850 Paradise Road, Monday through Friday from 8 a.m. to 5 p.m.

Call the Nevada Radon Hotline for more about the test kits at 888-723-6610.

For further information or to schedule a presentation, call Laura Au-Yeung at 702-257-5550, email her at auyeung@unce.unlv.edu, or visit the radon website at www.RadonNV.com.

NORTH LAS VEGAS CHAMBER OF COMMERCE
 connecting your business north and beyond

April 2012 North LV Chamber of Commerce

Enter your email address and "check" the box for each event that interests you. You will automatically receive an email reminder before the event!

Event(s) for Saturday, April 07, 2012

Date	Event	Reminder	Category
4/7/2012	Radon Awareness Presentation		Community

Radon Awareness Presentation

A radon presentation is being offered through University of Nevada Cooperative Extension's (UNCE) Radon Education Program on May 12 at 2:30 p.m. Free test kits will be offered at each presentation. Radon is the leading cause of lung cancer among nonsmokers. Every year, radon-induced lung cancer kills more people than secondhand smoke, drunk driving, falls in the home, drowning or home fires. The Environmental Protection Agency (EPA) estimates 21,000 Americans die each year from lung cancer caused by indoor radon exposure.

Date: 05/12/2012
Time: 2:30 PM - 3:30 PM
Phone: 702-257-5550

Location:
 Henderson Multigenerational Center
 250 Green Valley Pkwy.
 Henderson, NV 89012

Pershing County Tag Team distributes free test kit coupons

The door tag project in Reno sparked a door tag project in Pershing County, with Pamela Munk, Pershing County Safety Coordinator, organizing 15 members of The Tag Team for distribution of 1,000 free radon test kit door tag coupons in Lovelock, Imlay, Unionville, Rye Patch and Grass Valley in March.

Munk felt that the Lovelock area residents could use some encouragement to test their homes for radon since the incidence of elevated radon levels was at 55 percent.

To date, 41 door tag coupons have been redeemed at the Pershing County UNCE office, and as of June 30, only 19 or 46 percent of the kits have been used. Of those tests completed, seven or 36.8 percent have been over the EPA Action Level of 4.0 pCi/l.

The overall Pershing County radon potential now stands at 52.5 percent, with 54.6 percent for the Lovelock zip code area of 89419 and zero percent for the Imlay zip code area of 89418.



Part of the 15-member Tag Team who distributed radon door tags in March in Lovelock, Imlay, Unionville, Rye Patch, and Grass Valley. Pictured are Mike Sears, Shaley Katsaris, Jesse Katsaris, Pamela Munk, Fran Katsaris, and Kevin Machado.

RADON IS THE LEADING CAUSE OF LUNG CANCER FOR NONSMOKERS.

Your house may be located in a **HIGH RADON POTENTIAL** area where many of the homes that have been tested for **RADON** found elevated levels of **RADON**.

TESTING IS THE ONLY WAY TO KNOW IF YOU'VE GOT RADON!

FREE RADON TEST KIT COUPON for residents of Pershing County only. Offer expires June 30, 2012.

For a free radon test kit, bring this coupon to Pershing County Cooperative Extension 810 Sixth St., Lovelock (775) 273-2923

Name: _____
 Mailing Address: _____
 Physical Address: _____
 City: _____ State: _____ Zip: _____
 Phone: () _____
 Email: _____

Call the **RADON HOTLINE** at 1-888-RADON10 (888-723-6610) for other Cooperative Extension office locations offering low cost **RADON** test kits.

Got RADON?

To learn more about radon, see other side ...

In March, 1,000 free radon test kit coupons were distributed in the Lovelock and Imlay areas in Pershing County.

Radon potential update

With 1,317 valid new test results added to Nevada's radon database since the last fiscal year, the radon potential for the state of Nevada increased slightly, with 26.1 percent of the homes tested having radon levels over the EPA Action Level of 4 pCi/l.

Results show that 10 counties had an increase in potential, while six counties showed a decrease. Storey County had the largest increase of 15.9 percent, with 25 percent of the homes tested having elevated radon levels. Eureka County had the largest decrease of 8.3 percent, but still, 41.7 percent of the homes tested have elevated radon levels.

The fourth quarter of FY2012 brought 289 new valid test results for the state. The largest increase in valid test results

» continued, See **POTENTIAL**, Page 4

County Radon Potential Comparison

County	Results as of 6-30-11			As of 6-30-12		
	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	900	336	37.3%	1032	402	39.0%
Churchill	196	24	12.2%	250	33	13.2%
Clark	1,294	101	7.8%	1543	137	8.9%
Douglas	2,392	935	39.1%	2578	1036	40.2%
Elko	161	56	34.8%	201	68	33.8%
Esmeralda	2	0	*	2	0	*
Eureka	10	5	50.0%	12	5	41.7%
Humboldt	101	34	33.7%	110	29	26.4%
Lander	27	6	22.2%	56	13	23.2%
Lincoln	44	15	34.1%	46	14	30.4%
Lyon	489	134	27.4%	566	163	28.8%
Mineral	60	16	26.7%	59	17	28.8%
Nye	118	12	10.2%	121	11	9.1%
Pershing	80	47	58.8%	100	52	52.0%
Storey	11	1	9.1%	16	4	25.0%
Washoe	4,053	791	19.5%	4542	937	20.6%
White Pine	130	35	26.9%	149	44	29.5%
Unknown				2	1	*
State Totals	10,068	2,548	25.31%	11,385	2,966	26.1%

UNCE Radon Education Program database of short-term test results data as of June 30, 2012. Results based on independently tested homes, not scientific sampling. Usable test results include valid tests, one per home, using an average result for multiple tests, from the lowest level of the home tested, and when known, post-mitigation results are not included. Schools and large buildings excluded.

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

Grassroots Books has Free Radon Test Kit Day

Grassroots Books has been a strong supporter of the Nevada Radon Education Program (NREP) for several years. This year, on April 19, they partnered with NREP for a special “Free Radon Test Kit” day at their store.

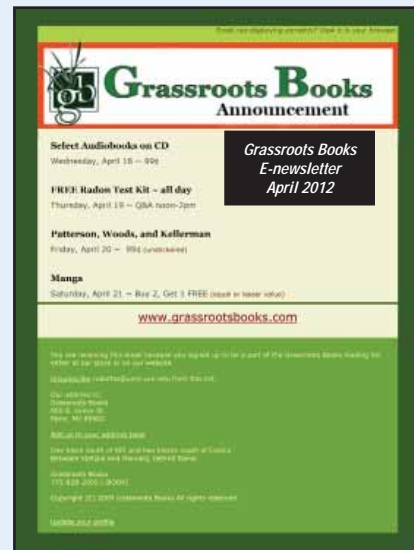
Prior to the event, Grassroots also publicized the event in their e-newsletter. Test kits were offered free all day and NREP was present from noon to 2 p.m. to answer questions and hand out literature. Approximately 30 people stopped by the display table and Susan Howe, NREP program director, gave out 25 short-term test kits. Six of the kits have been used.

Grassroots Books, located at 660 E. Grove Street in Reno, also displays the Radon Program’s brochure holder at their store all year round.



Grassroots Books in Reno displays radon brochures at their store and helps to publicize National Radon Action Month. Grassroots also held a Free Radon Test Kit day at their store on April 19.

NREP appreciates the special partnership that has been forged with “Zoe” Carol Miller, owner of Grassroots Books.



Southern Area Radon Update

The Southern Area Radon Program started the fourth quarter of 2012 with a television interview by Pahrump KHMP Channel 16, followed by a presentation at the Southern Nye Cooperative Extension office to local citizens in Pahrump. The attendance was small, but participants promised to spread the message about the need to test their homes for Radon to friends and neighbors.

Due to the large number of requests by southern area residents for additional Radon Awareness presentations, Clark County Library District hosted a class on April 7. Over 50 participants attended the radon presentation. Fox News Channel 5 was also present to tape part of the presentation and provided additional outreach opportunities for the Southern Area Radon Program. Another Radon Awareness presentation was held at the Henderson Multigenerational Center in May in response to requests by Henderson residents. Over 20 homeowners were present at the presentation.

The Radon Program was also able to reach out to ethnic and minority neighborhoods on two occasions this quarter. A Radon Awareness presentation was made to parents at the Kit Carson Elementary School and 25 short-term radon test kits were given to the Healthy Homes Partnership, a collaborative effort that offers home visits to the minority and at-risk population in the southern area.

In June, the Radon Program was invited to participate in the Mount Charleston Fire Station Open House. Through this event, the radon message and radon test kits were offered to homeowners and cabin dwellers in Mount Charleston. Another opportunity for outreach to area youth was provided by Extension’s 4-H program at 4-H camp held at the Clark County Cooperative Extension office in Las Vegas. A power point presentation on radioactive gases, including Radon and Uranium, was presented to over 40 youth, ages 9 to14. The annual Radon Poster Contest brochures were given out to all



Laura Au-Yeung spoke to 4-H'ers at the 4-H Camp held in June.

participants.

Because radon testing results for zip code 89052 in Henderson shows a high potential for elevated levels of radon, concerns were raised in one of the condominium home owners associations, especially when three of the homes recently tested showed levels of radon above the EPA Action Level. Radon Awareness presentations were requested by one home owners association board on two separate occasions to answer questions that homeowners had regarding radon, radon testing and radon mitigation.

Short-term test kits distributed at Southern area activities/programs from Apr-Jun 2012				
Date	Program/Presentation	No. kits distributed	No. tested	% tested
4/3/12	Pahrump Program	3	1	33.3%
4/7/12	Clark County Library	27	8	29.6%
5/10/12	Kit Carson Elementary School	13	2	15.4%
5/12/12	Henderson Multigenerational Center	20	4	20%
6/2/12	Mt. Charleston Fire Station Open House	25	3	12%
6/12/12	Healthy Homes Partnership	25	0	0%
6/20/12	4-H Camp	9	1	11.1%
6/23/12	Condominium HOA	34	3	8.8%
Program Totals		156	22	14.1%

Radon test kit distribution and tests used for the 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 num-

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

The Nevada Women's Expo was a great program for getting a large number of test kits distributed, however, time will tell whether the percentage of test kits used will make the event a worthwhile event to participate in next year.

Short-term test kits distributed from Special Projects, Partners and Cooperative Extension offices from Apr-Jun 2012			
Distribution point	No. kits distributed	No. tested	% tested
Carson City County UNCE	4	2	50%
Clark County UNCE	32	2	6.3%
Douglas County UNCE	39	13	33.3%
Elko County UNCE	2	0	0%
Incline Village UNCE office	3	3	100%
Lander County UNCE	2	2	100%
Lyon County UNCE	8	5	62.5%
Northeast Clark UNCE	1	1	100%
Northern Nye & Esmeralda UNCE	1	1	100%
Pershing County UNCE	1	1	100%
Southern Nye UNCE	3	1	33.3%
Storey County UNCE	1	1	100%
Washoe County UNCE	47	16	34%
Incline Village Recreation Center	7	6	85.7%
Mitigator Derrick Carpenter kit distribution	2	1	50%
Mitigator Norm Denny kit distribution	22	16	72.7%
Nevada Rural Housing Authority Project	18	0	0%
Nevada State Health Division	1	1	100%
Nevada Tahoe Conservation District Office	9	2	22.2%
Pershing door tag project	36	15	41.7%
Tahoe Regional Planning Agency	2	1	50%
TOTALS	241	90	37.3%

Short-term test kits distributed at Western and Central area programs from Apr-Jun 2012				
Date	Program	No. kits distributed	No. tested	% tested
4/1/12	Nevada Women's Expo	275	28	10.2%
4/3/12	Reno Investors Group Program	25	4	16%
4/19/12	Grassroots Books Free Kit Day	25	6	24%
5/1/12	Elko Program	13	5	38.5%
5/24/12	USDA Rural Housing Meeting	3	0	0%
Program Totals		341	43	12.6%

Short-term test kits distributed by Mail with Coupons or Phone call requests from Apr-Jun 2012			
Distribution point	No. kits distributed	No. tested	% tested
Las Vegas mail order	6	3	50%
Reno mail order	6	3	50%
Website coupon	8	2	25%
Reno Cancer Support Group coupons	1	0	0%
TOTALS	21	8	38.1%

Potential

Continued from Page 2

occurred in Washoe County, followed by Clark County with 249, and Douglas County with 186 new valid tests.

Compared to the original radon survey tests in the 1990s, the Nevada Radon Program has increased testing by over 9,031 valid tests.

The chart below shows the progression of radon testing in Nevada over the years. Decreases in totals are the result of cleaning the data to reflect an average result per household, as well as using only valid and pre-mitigation test results.

County Radon Potential comparison over the years

County	NV Radon Survey ¹		As of 12-31-08 ²			Results as of 12-31-09 ²			Results as of 12-31-10 ²			As of 12-31-11 ²			As of 6-30-12 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%	133	42	31.6%	448	154	34.4%	709	261	36.8%	919	346	37.6%	1,032	402	39.0%
Churchill	141	9%	53	6	11.3%	105	14	13.3%	163	20	12.3%	199	24	12.1%	250	33	13.2%
Clark	259	3%	324	23	7.1%	611	44	7.2%	1076	86	8.0%	1,396	108	7.7%	1,543	137	8.9%
Douglas	85	38%	314	149	47.5%	1250	514	41.1%	2112	868	41.1%	2,426	956	39.4%	2,578	1036	40.2%
Elko	258	22%	47	16	34.0%	92	35	38.0%	146	50	34.2%	165	58	35.2%	201	68	33.8%
Esmeralda	20	0%	0	0	*	0	0	*	2	0	*	2	0	*	2	0	*
Eureka	34	29%	1	1	100%*	4	2	*	9	5	55.6%*	11	5	45.5%	12	5	41.7%
Humboldt	250	14%	13	3	23.1%	31	11	35.5%	69	21	30.4%	87	26	29.9%	110	29	26.4%
Lander	68	18%	15	5	33.3%	15	5	33.3%	19	5	26.3%	41	6	14.6%	56	13	23.2%
Lincoln	143	37%	9	3	33.3%*	15	4	26.7%	25	7	28.0%	47	15	31.9%	46	14	30.4%
Lyon	68	18%	89	19	21.3%	223	67	30.0%	442	125	28.3%	495	136	27.5%	566	163	28.8%
Mineral	74	41%	8	4	50%*	22	8	36.4%	59	16	27.1%	60	16	26.7%	59	17	28.8%
Nye	161	10%	14	0	0.0%	76	6	7.9%	113	11	9.7%	118	12	10.2%	121	11	9.1%
Pershing	40	45%	57	33	57.9%	61	37	60.7%	75	45	60.0%	74	41	55.4%	100	52	52.0%
Storey	7	14%	6	1	16.7%	10	1	10.0%	11	1	9.1%	11	1	9.1%	16	4	25.0%
Washoe	407	18%	1,058	215	20.3%	2,350	434	18.5%	3,587	711	19.8%	4,111	808	19.7%	4,542	937	20.6%
White Pine	242	27%	25	6	24.0%	81	17	21.0%	111	25	22.5%	138	37	26.8%	149	44	29.5%
Unknown												1	1	*	2	1	*
State Totals	2,355		2,166	526	24.28%	5,394	1,353	25.08%	8,728	2,257	25.86%	10,301	2,596	25.2%	11,385	2,966	26.1%

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

Radon test kit distribution and tests used for the year

Although data is collected to reflect the percentage of elevated radon levels found in each zip code area in Nevada, data is also collected showing the number of test kits given out at any particular program presentation, project, or activity. 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 gauge the feasibility or successfulness of special projects and we can also determine if program partnerships help to get the radon health risk message to more people.

During the 2012 fiscal year, 4,063 test kits were distributed from county Extension offices and partner locations, program presentations, through special projects, and by mail. A new test kit distribution outlet with Incline Village Recreation Center proved to be a great new

partnership. The Washoe County UNCE office continues to bring in a large amount of residents, followed by Douglas County UNCE at 413, and Carson City County UNCE with 391.

The Cooperative Extension’s radon website has also been a great source of information for many, as well as a place to find radon test kits.

The four charts on this page reflect the number of test kits distributed and used from a variety of locations and projects from July 1, 2011 to now.

Short-term test kits distributed from Projects, Partners and Cooperative Extension offices from July 1, 2011 to June 30, 2012			
Distribution point	No. kits distributed	No. tested	% tested
Carson City County UNCE	391	237	60.6%
Churchill County UNCE	81	42	51.9%
Clark County UNCE	82	30	36.6%
Douglas County UNCE	413	255	61.7%
Elko County UNCE	58	27	46.6%
Eureka County UNCE	6	4	66.7%
Humboldt County UNCE	23	16	69.6%
Incline Village UNCE office	6	2	33.3%
Lander County UNCE	56	45	80.4%
Lincoln County UNCE	1	1	100%
Lyon County UNCE	77	42	54.5%
Mineral County UNCE	1	1	100%
Northeast Clark UNCE	1	1	100%
Northern Nye & Esmeralda UNCE	1	1	100%
Pershing County UNCE	34	24	70.6%
Southern Nye County UNCE	3	1	33.3%
Storey County UNCE	1	1	100%
Washoe County UNCE	799	455	56.9%
White Pine County UNCE	19	12	63.2%
Forest Service Test Program	30	24	80%
Incline Village Recreation Center	196	97	49.5%
Mitigator Derrick Carpenter kit distribution	7	6	85.7%
Mitigator Norm Denny kit distribution	54	45	83.3%
Nevada Rural Housing Authority Project	18	0	0%
Nevada State Health Division	1	1	100%
Nevada Tahoe Conservation District Office	38	22	57.9%
Pershing County Door Tag Project	41	19	46.3%
Pyramid Lake High School Test Program	23	20	87%
Realtor letter Project	1	1	100%
Reno Door Tag Project	38	15	39.5%
Tahoe Regional Planning Agency	23	14	60.9%
Washoe Health Department	2	2	100%
TOTALS	2525	1463	57.9%

Short-term test kits distributed by Mail with coupons or Phone call requests from July 1, 2011 to June 30, 2012			
Distribution point	No. kits distributed	No. tested	% tested
Churchill County coupon	1	0	0%
Ely Home Show coupon	6	6	100%
Girl Scout Activity Book coupon	4	2	50%
Grassroots Books coupon	1	1	100%
Las Vegas mail order	67	37	55.2%
Reno Cancer Support Group coupon	1	0	0%
Reno mail order	139	81	58.3%
Topaz Ranch Estates Fire Awareness Bag Coupon	1	0	0%
Website coupon	82	48	58.5%
TOTALS	302	175	57.9%

Short-term test kits distributed at Western and Central area programs from July 1, 2011 to June 30, 2012				
Date	Program	No. kits distributed	No. tested	% tested
9/10/11	Living Green Festival presentation/booth	70	17	24.3%
9/19/11	Fire Summit exhibit/booth	37	4	10.8%
11/15/11	Eureka Presentation	6	1	16.7%
12/21/11	RSVP Training Program	1	0	0%
1/3/12	Washoe County UNCE Program	20	9	45%
1/9/12	Humboldt County UNCE Program	3	1	33.3%
1/10/12	Lander County UNCE Program 12:30 pm	3	2	66.7%
1/10/12	Lander County UNCE Program 6 pm	3	1	33.3%
1/10/12	Spanish Springs Library Program	33	12	36.4%
1/11/12	Elko Program	28	18	64.3%
1/12/12	Stateline TRPA Program	7	5	71.4%
1/12/12	White Pine Library Program	3	2	66.7%
1/12/12	White Pine Senior Center Program	19	7	36.8%
1/17/12	Carson City Senior Center Program	29	13	44.8%
1/18/12	Incline Village Library Program	6	5	83.3%
1/19/12	Carson Valley Improvement Club Program	27	16	59.3%
1/22/12	Downtown Library Program	12	5	41.7%
1/24/12	Lyon County Library Program	21	11	52.4%
1/24/12	North Valleys Library Program	25	9	36%
1/25/12	South Valleys Library Program	20	18	90%
1/25/12	South Valleys Library Program	1	1	100%
1/26/12	Fallon Program	49	23	46.9%
1/30/12	Lovelock Program	16	9	56.3%
3/8/12	Dayton Valley Library Program	5	2	40%
3/8/12	Topaz Homeowners Association Program	11	5	45.5%
3/19/12	NEMO Program	3	1	33.3%
3/26/12	Seniors in Retirement Program	17	5	29.4%
4/1/12	Nevada Women's Expo booth	275	28	10.2%
4/3/12	Reno Investors Group Program	25	4	16%
4/19/12	Grassroots Books Free Kit Day	25	6	24%
5/1/12	Elko Program	13	5	38.5%
5/24/12	USDA Rural Housing meeting	3	0	0%
Program Totals		816	245	30.0%

Short-term test kits distributed at Southern area activities/programs from July 1, 2011 to June 30, 2012				
Date	Program/Presentation	No. kits distributed	No. tested	% tested
10/15/11	Youth Gardeners Workshop	3	0	0%
11/5/11	Sun City Health Fair	52	13	25%
11/9/11	William Wright Elementary School Presentation	2	0	0%
11/19/11	Clark County UNCE Program	17	9	52.9%
11/28/11	Clark County Library Program 1	38	14	36.8%
12/3/11	Boulder City Library Program	11	7	63.6%
12/21/11	Senior Housing Project	15	7	46.7%
1/10/12	Clark County UNCE Poster Awards	1	0	0%
1/14/12	Clark County Library Program 2	37	16	43.2%
1/28/12	Windmill Library Program	22	12	54.5%
2/7/12	Sun City McDonald Ranch	20	13	65%
2/10/12	Laughlin Library Program	12	5	41.7%
2/25/12	Centennial Hills Library Program	27	19	70.4%
4/3/12	Pahrump Program	3	1	33.3%
4/7/12	Clark County Library	27	8	29.6%
5/10/12	Kit Carson Elementary School	13	2	15.4%
5/12/12	Henderson Multigenerational Center	20	4	20%
6/2/12	Mt. Charleston Fire Station Open House	25	3	12%
6/12/12	Healthy Homes Partnership	25	0	0%
6/20/12	4-H Camp Program	9	1	11.1%
6/23/12	Condominium HOA	41	8	19.5%
Program Totals		420	142	33.8%

Nevada Radon Short-Term Test Results*

From 1989 to June 30, 2012

Nevada counties	Carson City		Churchill		Clark		Douglas		Elko		Esmeralda	
Total number of usable tests per county	1,032		250		1,543		2,578		201		2	
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	630	402	217	33	1,406	137	1,542	1,036	133	68	2	0
% of homes tested that have elevated radon levels	38.95%		13.20%		8.88%		40.19%		33.83%		sample size too small	

Nevada counties	Eureka		Humboldt		Lander		Lincoln		Lyon		Mineral	
Total number of usable tests per county	12		110		56		46		566		59	
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	7	5	81	29	43	13	32	14	403	163	42	17
% of homes tested that have elevated radon levels	41.67%		26.36%		23.21%		30.43%		28.80%		28.81%	

Nevada counties	Nye		Pershing		Storey		Washoe		White Pine		TOTALS	
Total number of usable tests per county	121		100		16		4,542		149		11,385	
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
No. of short-term radon test results	110	11	48	52	12	4	3,605	937	105	44	8,419	2,966
% of homes tested that have elevated radon levels	9.09%		52.00%		25.00%		20.63%		29.53%		26.05%	

*State data provided by the Nevada State Health Division, 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, 2012

Nevada counties	Carson City	Churchill	Clark	Douglas	Elko	Esmeralda	Humboldt	Lincoln	Lyon	Pershing	Washoe	White Pine	TOTALS
Total number of usable tests per county	26	3	21	86	6	2	1	1	24	1	145	9	325
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	15 11	3 0	16 5	62 24	3 3	1 1	0 1	0 1	19 5	1 0	109 36	7 2	236 89
% of homes tested that have high radon levels	42.3%	0%	23.8%	27.9%	50.0%	50%	100%	100%	20.8%	0%	24.8%	22.2%	27.38%

**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	Jul - Sep 11	Oct - Dec 11	Jan - Mar 12	Apr - Jun 12	Total to date
Radon phone and email inquiries	NA	2,136	2,688	1,911	2,209	99	208	1,436	203	10,890
Direct contacts promoting radon testing and mitigation	NA	3,259	14,000	10,428	7,862	616	704	5,034	1,414	43,317
Newspaper/magazine articles	1	99	61	85	68	4	48	47	2	415
Number of TV reports	NA	17	9	57	37		1	3	2	126
Number of TV PSAs							592			592
Website pages of NV Radon information			45	113	253	4	54	50	5	524
Number of radio PSAs	NA	6	6	26	6		35	160		239
Number of radon exhibits	NA	51	106	186	148	18	44	99	22	674
Radon publications/info distributed	NA	2,798	67,071	59,378	58,545	10,235	33,551	43,946	11,325	286,849
Web site page hits	NA	NA	29,466	59,288	75,920	15,821	20,414	29,623	19,759	250,291
Test kits distributed	971	2,469	8,208	5,321	4,829	304	162	2,958	569	25,791
Homes tested-Short-Term	726	1,399	4,141	2,522	3,194	246	9	1,277	343	13,857
Homes tested-Long Term	75	27	55	105	47	15		49	9	382
School buildings tested	6	1	16	10				5	10	48
School buildings mitigated		2	9							11
Homes mitigated	4	20	75	92	128	15	16	58	43	451
Large buildings tested		27		31			152*			210
Large buildings mitigated			2					1		3
Homes tested in Real Estate transaction	1	27	68	84	168	16	5	87	151	607
Homes built with RRNC features		7	36	30	18	2	0	17	3	113
Number of certified Mitigators		3	2	-1						4
Number of Builders using RRNC					5		1	2		8
No. of Realtors promoting Radon testing						20	6			26

*6/30/12 review of large buildings tested determined Oct-Dec 11 figure was incorrect.

Radon Zone Summaries

Nevada Radon Zone Short-Term Test Result Summary			
Zones - Counties	Total Tests	Tests > 4 pCi/l	% high radon
Zone 1 counties			
Carson City, Douglas, Eureka, Lander, Lincoln, Lyon, Mineral, Pershing, White Pine	4,600	1,747	37.98%
Zone 2 counties			
Churchill, Elko, Esmeralda, Humboldt, Nye, Storey, Washoe	5,242	1,082	20.64%
Zone 3 counties			
Clark	1,543	137	8.88%
Statewide statistics	11,385	2,966	26.05%

Nevada Radon Zone Long-Term Test Result Summary			
Zones - Counties	Total Tests	Tests > 4 pCi/l	% high radon
Zone 1 counties			
Carson City, Douglas, Eureka, Lander, Lincoln, Lyon, Mineral, Pershing, White Pine	147	43	29.25%
Zone 2 counties			
Churchill, Elko, Esmeralda, Humboldt, Nye, Storey, Washoe	157	40	25.48%
Zone 3 counties			
Clark	21	5	23.81%
Statewide statistics	325	88	27.08%



The University of Nevada, Reno is an Equal Employment Opportunity/Affirmative Action employer and does not discriminate on the basis of race, color, religion, sex, age, creed, national origin, veteran status, physical or mental disability, or sexual orientation in any program or activity it operates. The University of Nevada employs only United States citizens and aliens lawfully authorized to work in the United States.



This publication was supported by the Nevada State Health Division through Grant Number K1-96963512-0 from the U.S. Environmental Protection Agency. Its contents are solely the responsibility of the authors and do not represent the official views of the Nevada State Health Division nor the U.S. Environmental Protection Agency.