

**HEALTH, SOCIAL, EDUCATIONAL & ENVIRONMENTAL COMMITTEE MEETING
TO BE HELD IN THE
PUTNAM COUNTY OFFICE BUILDING
ROOM #318
CARMEL, NEW YORK 10512**

(Chairwoman Scuccimarra, Legislators Addonizio & Gouldman)

Thursday

6:30 P.M.

March 23, 2017

The meeting was called to order at 6:30 P.M. by Chairwoman Scuccimarra who requested that Legislator Addonizio lead in the Pledge of Allegiance. Upon roll call Legislator Addonizio and Chairwoman Scuccimarra were present. Legislator Gouldman was absent. Chairwoman Scuccimarra stated Legislator Albano would sit on the Committee in Legislator Gouldman's absence.

Item #3 – Approval of Minutes – February 16, 2017

The minutes were approved as submitted.

Item #4 - Update/Drug Crisis in Our Backyard/Steve and Susan Salamone

Executive Director of Drug Crisis in our Backyard Steve Salamone stated the organization was founded after the death of their son Justin. He stated the organization is about allowing people who have experienced pain over the current drug crisis to come forward and identify with each other. He stated they became a 501(c)(3) certified organization in 2015, which means they can raise funds to sustain what they do. He stated they would have hoped the statistics would be better but they continue to get worse. He stated 2016 had 15 overdose deaths in Putnam County, which was an increase from 2015. He stated unofficially, from what he understands, there have been 10 already in 2017. He stated the organization is not going to solve the problem, but is there to help people who are affected by it. He stated they are also trying to get more programs at the school level dealing with drug prevention. He stated they offer support through their office at 16 Fair Street in Carmel. He stated they have a Board of Directors and an Advisory Committee which is all about creating content and programs. He noted that he brought brochures detailing what the organization does and would leave them for anyone who wants one. He stated they offer many services, such as forums, outreach services, and a viewpoint program at the Comcast studio for public access in cooperation with St. Vincent Hospital that talks about mainly drugs and mental health issues. He stated two (2) of the programs he wanted to highlight are the early intervention program and the family support groups. He stated the early intervention program focuses on helping kids before they have a felony on their record. He stated the parents and kids are educated separately. He stated they try to help kids at an early age because they believe it is much easier to keep them on a good path. He stated once they get to a level where they are using heavy drugs, it is much more difficult to pull them out. He stated the family support group is available in Putnam as well as Dutchess and Westchester Counties. He stated many parents are suffering so they offer them a way to come forward.

Chairwoman Scuccimarra stated the Salamones know firsthand the impacts that drugs have on families.

Executive Director Salamone stated that is what makes them different, the fact that people can talk to them and know that they have already been through the experience. He stated people can identify with them and it helps to make it easier. He emphasized again educating kids early about drugs. He stated he did not have the statistics but the difference of someone using drugs, alcohol or marijuana at an early age as opposed to at 21 is huge. He stated it greatly affects the propensity for someone to get addicted. He stated they are trying to get parents to talk to their kids about at least waiting to experiment with drugs until they are older as the chances of them having a drug problem become far less. He then talked about some of their upcoming events. He stated OASAS (Office of Alcoholism and Substance Abuse Services) has given grants for recovery and community outreach centers. He stated there are approximately 10 of them in New York, however our community does not have one. He stated these are facilities people can go to after they get out of an inpatient program. He stated these help support them getting back into a mainstream lifestyle. He stated our community can definitely use one. He stated raising funds for a recovery center is something to consider for Putnam County. He then talked about the pharmaceutical companies' role in the drug crisis. He suggested that the pharmaceutical companies should raise funds through the profits they make off of drugs and put them into programs. He stated those companies sell over \$2 billion of Oxycontin annually.

Legislator Albano noted how often kids are prescribed painkillers.

Executive Director Salamone stated there is new legislation that doctors can no longer prescribe more than a seven (7) day supply.

Legislator Albano stated at the February NYSAC (New York State Association of Counties) Conference it was stated that methadone clinics have a high success rate of helping people with harder drugs. He questioned if Executive Director Salamone agrees.

Executive Director Salamone stated they are called Medically Assisted Treatment Programs. He stated hopefully one is going to be certified in Carmel on Old Route 6 through Arms Acres. He stated there are a lot of different programs. He stated methadone is one, Suboxone is questionable but it is another program and now there is Vivitrol, which is having a lot of success. He stated Vivitrol is a shot that lasts close to 30 days and it is an opiate blocker. He stated those programs will not cure the problem but they give people time for the treatments to sink in because the first step is to stop using the drug. He stated he believes Medically Assisted Treatment is the future.

Legislator Albano stated it is good that Putnam is going to have one.

Legislator Nacerino thanked Executive Director Salamone for his presentation as it was very informative.

Executive Director Salamone stated it is part of a multiple pronged approach of community, family, and government.

Legislator Nacerino thanked Executive Director Salamone for their dedication to a lifelong commitment to help other families.

Chairwoman Scuccimarra stated Items 11, 12, and 13 would be now be addressed.

Item #11 - Approval/Memorialization/NYSAC Resolution/50-50 Cost Sharing between the State and County

Commissioner of the Department of Social Services Michael Piazza stated a few years ago the State changed the 50-50 share of Safety Net to 71% County and 29% State. He stated in doing so they took on costs for TANF (Temporary Assistance for Needy Families). He stated the spending for County share of the Safety Net program has been dropping every year, mostly due to a reduced number of people in the program. He stated the spending on TANF is also being reduced. He stated the money spent has decreased each year since 2014. He stated there have been three (3) parolees released from prison within the past three (3) weeks which fall under Safety Net so the number spent could increase. He stated he supports the State going back to the 50-50 cost sharing.

Legislator Albano made a motion to approve the Memorialization; Seconded by Chairwoman Scuccimarra. All in favor.

Item #12 - Approval/Memorialization/NYSAC Resolution/Not Shifting New Costs to Counties

Commissioner Piazza stated since the State took over the administration of Medicaid with the Affordable Healthcare Act, people would apply and have their eligibility determined online. He stated the number of people working in Medicaid in Putnam County has decreased. He stated if there is a vacancy it would go unfilled. He stated if another department needed assistance someone from Medicaid would fill the need. He stated over time some of the managed care implementations caused gaps in care. He stated people would be discharged without homecare. He stated the County has been responding to the most difficult cases such as emergencies, when the State cannot respond as quickly. He stated the State has not reduced the share of the County's administration of Medicaid but it is anticipated. He stated even in a managed care environment there is a need for the County to respond quickly and the State cannot. He stated there is concern that people who are severely mentally ill are not being determined eligible quickly enough so the solution is to have the Counties determine their eligibility.

Chairwoman Scuccimarra made a motion to approve the Memorialization of the NYSAC Resolution regarding Not Shifting New Costs to Counties; Seconded by Legislator Albano. All in favor.

Item #13 - Approval/Memorialization/NYSAC Resolution/Provide State Funding to Support Treatment of Individuals with Substance Use Disorders who are Incarcerated in the County Jails

Commissioner Piazza stated Governor Cuomo proposed that the State would provide Medicaid to cover substance abuse treatment for people who are in jail, before they were discharged. He stated the State wanted Vivitrol be given to people in jail with opiate problems. He stated Vivitrol is \$1,000 a shot and Medicaid pays for it. He stated this is an important issue, with 15 overdose deaths in 2016. He stated the numbers for this year are pending but it is not 10 as previously stated.

Acting Commissioner of Health Dr. Michael Nesheiwat stated it is not 10. He stated there have been 9 (nine) coroner cases, 8 (eight) are still pending and 1 (one) was a natural death.

Commissioner Piazza stated the State has pushed Medically Assisted Treatment and Narcan as the way to help people with opiate problems.

Chairwoman Scuccimarra questioned if there are services related to counseling or going into a program for help with the mental health side of it. She stated it is a shame these people are in jail for a couple days and they are not getting the long term help that they need.

Commissioner Piazza stated he supports the resolution if the State pays for it.

Acting Commissioner Nesheiwat stated Vivitrol is a great product but the role of Vivitrol in the jail must be discussed because there are pros and cons. He stated there is a medical legal issue because there is a continuity of care after a patient is discharged or released from jail and somebody has to be responsible for that person even though they are out in the community. He stated it impacts the County and the medical unit at the jail.

Commissioner Piazza stated it was his belief that Vivitrol be administered at discharge so the person has 30 clean days to get treatment. He stated there would have to be a case manager.

Legislator Addonizio stated they could be tied into each other so that if they were to receive the Vivitrol they would have to go for some type of counseling.

Legislator Albano made a motion to approve the memorialization of the NYSAC Resolution regarding Treatment of Individuals with Substance Use Disorders who in County Jails; Seconded by Legislator Addonizio. All in favor.

Item #6 - FYI/Radon Concerns in Putnam County/Acting Commissioner of Health Michael Nesheiwat

Chairwoman Scuccimarra made a motion to waive the rules and accept the additional; Seconded by Legislator Albano. All in favor.

Acting Commissioner Nesheiwat gave the attached PowerPoint presentation.

Acting Commissioner Nesheiwat stated radon is a gas that occurs in the soil, and is tasteless and odorless. He stated it is actually a decay of uranium which changes to radium and radon. He stated there is also a breakdown of thoron but it is not common in Putnam County. He stated

radon is a radioactive material which is electrostatically charged which means it adheres to live lung tissue. He stated it causes corrosion and a breakdown of tissue. He stated it could cause lung cancer. He stated it may be one of the factors for people getting lung cancer though they have never smoked. He stated Putnam is in a high risk area for radon. He stated since it is a gas it is very mobile, it can move very easily through cracks. He stated it is 1 (one) atom so it moves easily into low pressure areas, such as our homes. He stated there are approximately 21,000 deaths per year due to radon. He stated it is the second leading cause of lung cancer. He stated radon deaths are more common than deaths due to drunk drivers, homicides, illegal drug overdoses, and AIDS. He stated it is a very valid concern. He stated a person's chances of contracting lung cancer depend on certain factors like the level of radiation in your home, how much time spent at home in the living space. He stated the risk is higher if the person smokes or smoked in the past. He stated there is an easy fix for radon concerns. He stated there are kits available in hardware stores and supermarkets. He stated the State gives kits out for \$11 and that includes the laboratory fees. He stated it is a simple procedure and explained the details. He stated mitigation depends on the levels of radon. He stated anything above 4 becquerels (the unit of measurement for radiation) means you should seal all the cracks in underground foundation. He stated the many ways to mitigate radon.

Chairwoman Scuccimarra questioned the different levels of radon.

Acting Commissioner Nesheiwat stated yes. He stated each house is different, so it is not a neighborhood issue it is an individual house issue. He stated sump pumps are a problem because they open up the house to the soil and rocks underneath. He stated the fixes are simple, as it is basically venting the basement out.

Legislator Addonizio noted that as a realtor she knows that radon tests are part of the inspection process for homes. She stated she has seen people walk away from buying a house because the radon level was too high. She stated one house that she showed had radon in the water.

Acting Commissioner Nesheiwat stated that radon in the water is a very small problem. He stated it mainly exists for people who have wells.

Legislator Addonizio stated most people in Putnam have wells.

Acting Commissioner Nesheiwat stated people can get stomach cancer from having radon in the water but it is a very low risk. He stated once the problem is fixed with ventilation, the radon should not be an issue, unless something stops the ventilation.

Legislator Sullivan questioned if Acting Commissioner Nesheiwat has a list of recommended contractors, as radon ventilation is a specialty.

Acting Commissioner Nesheiwat stated the State Health Department has it on their website. He stated the Putnam County Health Department has a list.

Item #7 - FYI/Winter Carbon Monoxide Safety Reminder/Acting Commissioner of Health Michael Nesheiwat

Acting Commissioner Nesheiwat gave the attached PowerPoint presentation.

Acting Commissioner Nesheiwat stated carbon monoxide is known as a “silent killer”. He stated it is odorless and tasteless but it is very poisonous. He stated if a person is in an environment that has a lot of carbon monoxide, their blood will have three (3) molecules of carbon for every one (1) molecule of oxygen. He stated once it goes to the brain, they are not getting enough oxygen. He stated this causes pounding headaches, a pressure feeling, confusion, and if there long enough causes the person to become demented, lethargic, and unresponsive. He stated carbon monoxide causes the heart to pump less efficiently and causes the person to drift off, fall asleep and die. He stated a properly ventilated area should have no carbon monoxide. He stated 5 (five) parts per million is still an acceptable safe level. He stated if it above 10 parts per million it is a problem and people should leave the area. He stated above 100 parts per million is a medical emergency and 911 should be called. He stated 200 parts per million is dangerous and a person should go to the emergency room. He stated carbon monoxide poisoning is the most common poisoning in the United States. He stated most accidental carbon monoxide deaths are from house fires, automobile exhaust, and indoor heating systems. He stated power generators should be 20 feet away from the building, but if it is run close to the house no windows should be open on that side of the house. He stated the elderly, males, and people who are intoxicated are the most susceptible. He stated the first thing that people sense is the pressure in the head. He stated there are two (2) types of detectors on the market and explained the differences between the two (2). He stated they are very inexpensive.

Legislator Castellano questioned what levels the alarms go off at.

Acting Commissioner Nesheiwat stated he believes at 10 parts per million.

Legislator Albano stated usually the sensors are put near furnaces and other areas that may give off carbon monoxide.

Item #5 - FYI/Community Health Assessment and Community Health Improvement Plan/Acting Commissioner of Health Michael Nesheiwat

Acting Commissioner Nesheiwat gave the attached PowerPoint presentation.

Acting Commissioner Nesheiwat stated there are 3 (three) core functions of public health. He stated they are assurance, assessment, and policy development. He stated the State Health Department requires that every local health department work with local partners to have a Community Health Assessment (CHA) and Community Health Improvement Plan (CHIP). He stated the Health Department chose to focus on preventing chronic diseases, promote mental health, and prevent substance abuse. He stated they were picked because at a health summit at Putnam Hospital, all the doctors and healthcare providers were surveyed and those were the most picked out the five (5) potential focuses. He stated the public was surveyed as well and they were the highest choices. He listed some of the programs and initiatives with various partners regarding the focuses.

Cynthia Ruvolo, resident, questioned if she could have a copy of the CHA and CHIP PowerPoint slides to help better explain a project she is working on.

Acting Commissioner Nesheiwat stated she could come to the Health Department and they would give it to her on a thumb drive.

Item #10 - Approval/Memorialization/NYSAC Resolution/Increase Federal Funding to Localities to Combat the Spread of Zika Virus

Acting Commissioner Nesheiwat stated Zika is still a big threat. He stated New York State had approximately 168 cases. He stated all Putnam County cases are from people bringing it in from other areas. He stated they are concerned about what the summer will bring and more funding will certainly help.

Chairwoman Scuccimarra stated the Health Department has already been proactive in combating the Zika virus but more funding would be helpful.

Legislator Albano questioned if there is any new information on Zika.

Acting Commissioner Nesheiwat stated there are no new updates. He stated Brazil suggests to their fertile, female population to not get pregnant till after 2018. He stated it is found in certain body fluids. He stated there is more information about Zika on the Health Department website.

Chairwoman Scuccimarra stated pregnant woman need to be advised to not go to certain places.

Acting Commissioner Nesheiwat stated yes and not just the Caribbean, also places like the United States' territory Puerto Rico.

Chairwoman Scuccimarra stated the microcephaly in pregnant women is awful.

Legislator Albano made a motion to approve the Memorialization of the NYSAC Resolution regarding Increasing Federal Funding to Localities to Combat the spread of Zika Virus; Seconded by Legislator Addonizio. All in favor.

Item #8 – Discussion/Pharmacies Providing Drop-Off Boxes for Unused Medicines

Chairwoman Scuccimarra there are seven (7) medication take back boxes all over the county, which have been very successful. She stated Putnam Hospital also has medication take back days twice a year and they take back a great amount of medication. She stated she thinks the County should always look to do more, as it is a crisis in our community. She stated Ulster County Executive Mike Hein rolled out legislation requiring certain pharmacies take back medications. She stated it makes sense because that is where people get their medication, so it is easy to bring their unused or outdated medications back. She stated there are 16 pharmacies in Putnam County. She stated Walgreens has started taking back medication in some of their stores, but not in New York She stated she would like for Putnam County to enact a local law mandating certain pharmacies take back medication.

Legislator Addonizio stated her agreement.

Undersheriff Paul Boscia stated getting rid of the medication is a burden on the police departments. He stated a Carmel cop got hurt last month emptying one of the boxes. He stated people put things in the boxes that should not be in there. He stated the facility in Dutchess County that the medicines are taken to be burned is broken and there is no timetable to for it to be fixed. He stated they are trying to get another facility to burn them, but it will cost more. He stated if the County can get some of the pharmacies to take the medication back he would support it.

Chairwoman Scuccimarra stated it might take some of the burden off of the medication boxes and the Sheriff's Department.

Acting Commissioner Nesheiwat stated some of the bills he has seen in regards to the medication take back exempts single pharmacies, there has to be three (3) pharmacies from the same company in a single area. He stated this includes pharmacies like CVS and Rite Aid. He stated private, local pharmacies would be exempt.

Commissioner Piazza stated if people had the option to bring their medications back to the pharmacy, it may reduce the amount that would be at the drop off boxes. He stated one point to consider is some people like the anonymity of utilizing the drop box if they have medications they should not have.

Acting Commissioner Nesheiwat stated someone has to police the spots at the pharmacies. He stated if it is not behind the counter with the pharmacist it is concerning.

Chairwoman Scuccimarra stated pharmacists must have medication that is expired. She questioned what they do with that medication. She stated the drop off box should be behind the counter.

Legislator Nacerino stated she thinks the concept is a good idea but it needs more scoping before moving forward. She stated we should look at how Ulster implements the law, how successful they are, and any issues that come with it. She stated in concept she thinks it is a great idea and would support it under the right conditions.

Legislator Albano stated it is a good idea and it will only increase the amount of medicine that gets returned. He stated the average person might just throw what they have out but if they are going to the pharmacy to get a refill they can bring it.

Chairwoman Scuccimarra stated as she stated earlier Walgreens is already taking medication back in 500 of its stores so she believes pharmacies are getting the message that this is the right way to go.

Item #9 - Approval/Putnam County Supporting Hudson River Waterfront Alliance Pledge/Opposing Hudson River Anchorages [tabled from March 7, 2017 Full Legislative Meeting]

Senior Deputy County Attorney Shannon Brady stated Yonkers started the alliance. She stated she spoke to Senior Assistant to the Mayor Jason Baker and Director of Communications Christina Gilmartin with the City of Yonkers Mayor's Office about what it means to join the alliance and what other municipalities have joined. She stated they advised that the pledge that is part of the packet is what they prefer to be signed. She stated this particular resolution indicates that the Legislature is interested in joining the alliance and permits Chairwoman of the Legislature Ginny Nacerino to sign the pledge to be sent to Yonkers.

Chairwoman Scuccimarra stated moving forward with this cements our commitment against these barges on the Hudson River.

Legislator Albano made a motion to approve Putnam County Supporting the Hudson River Waterfront Alliance Pledge Opposing the Hudson River Anchorages; Seconded by Legislator Addonizio. All in favor.

Chairwoman Scuccimarra stated she received correspondence from Scenic Hudson stating that they, with the help of State Senator Sue Serino and State Assemblywoman Sandy Galef, are spearheading a bill that seeks to safeguard the Hudson River by bolstering the State's Ability to exercise its jurisdiction over the river. She stated instead of having the federal mandates come down, it will give more power to the States. She stated she would like to send a supporting resolution to Senator Serino and Assemblywoman Galef.

Senior Deputy County Attorney Brady stated it is not on the agenda so it would have to wait until the next Health Committee meeting.

Item #14 - FYI/ProAct Report

Chairwoman Scuccimarra stated hopefully a representative will be able to come to a meeting to give an update and overview of the program in the future.

Item #15 - Other Business - None

Item #16 - Adjournment

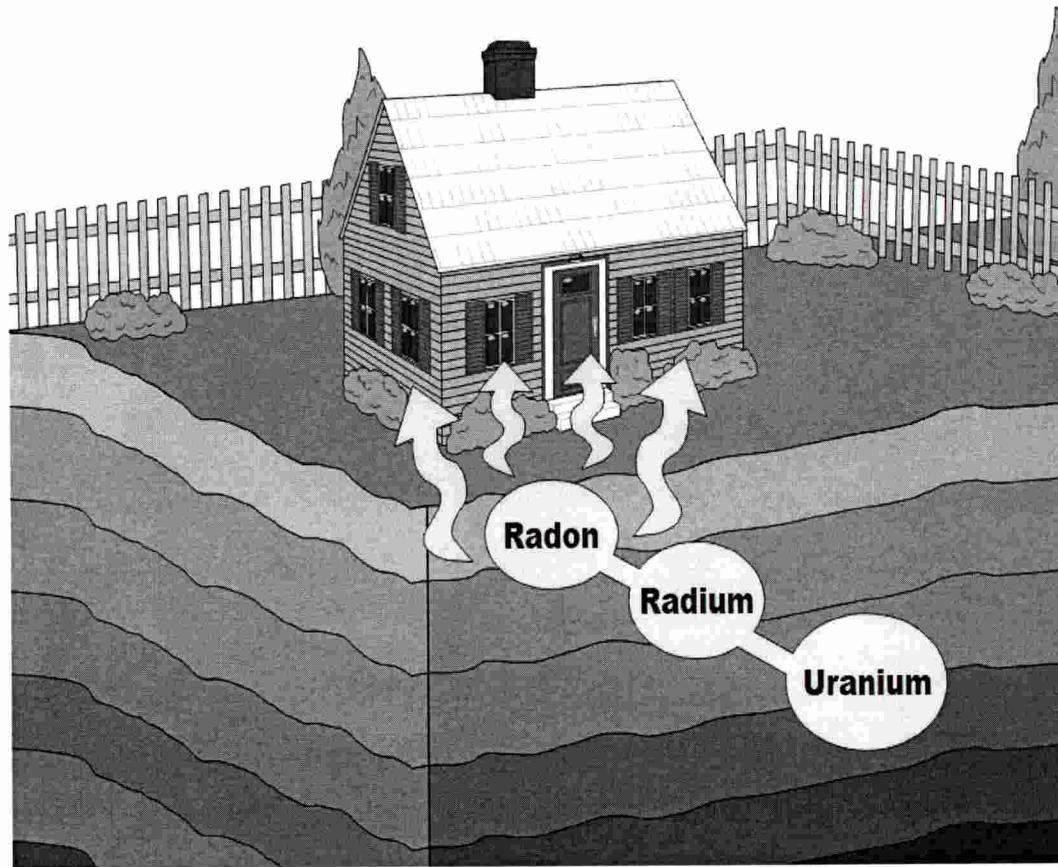
There being no further business, at 7:33p.m. Chairwoman Scuccimarra made a motion to adjourn; Seconded by Legislator Albano. All in favor.

Respectfully submitted by Administrative Assistant Ed Gordon.

Radon Presentation

Michael Nesheiwat M.D.
Interim Commissioner of Health
Putnam County Department of Health

What is Radon?

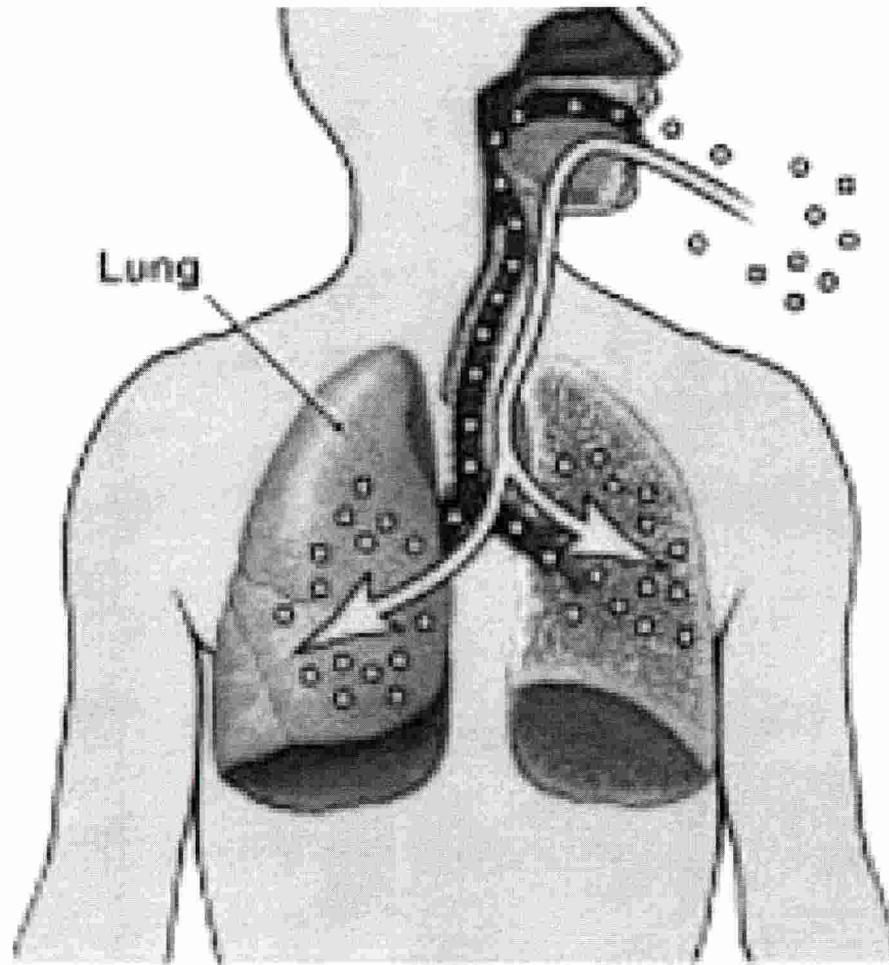


- Radon is a gas
- It is naturally occurring
- It cannot be seen or smelled
- It enters buildings from the soil beneath them.

What is Radon (cont.)?

- Radon breaks down into decay products
- Decay products can be inhaled and have electrostatic charges causing them to stick to lung tissue
- Further decay releases particles that can damage lungs

Radon is a Lung Cancer Causing Gas

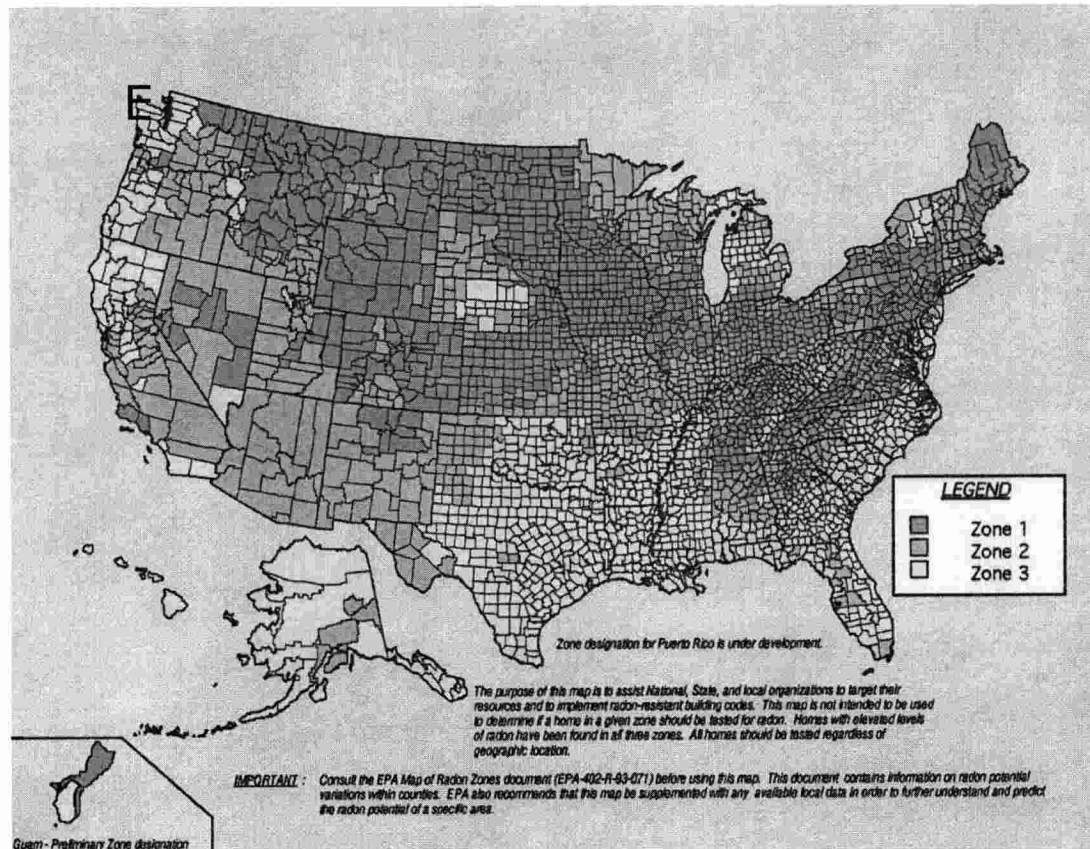


- Radon decay products inhaled
- Particles irradiate lungs
- Irradiation can cause lung cancer

Is New York The Only State Where Radon Concerns Exists?

No!

- Many parts of the country have radon concerns
- Map developed as basis for control techniques in new construction



EPA Map of Radon Zones

NEW YORK - EPA Map of Radon Zones

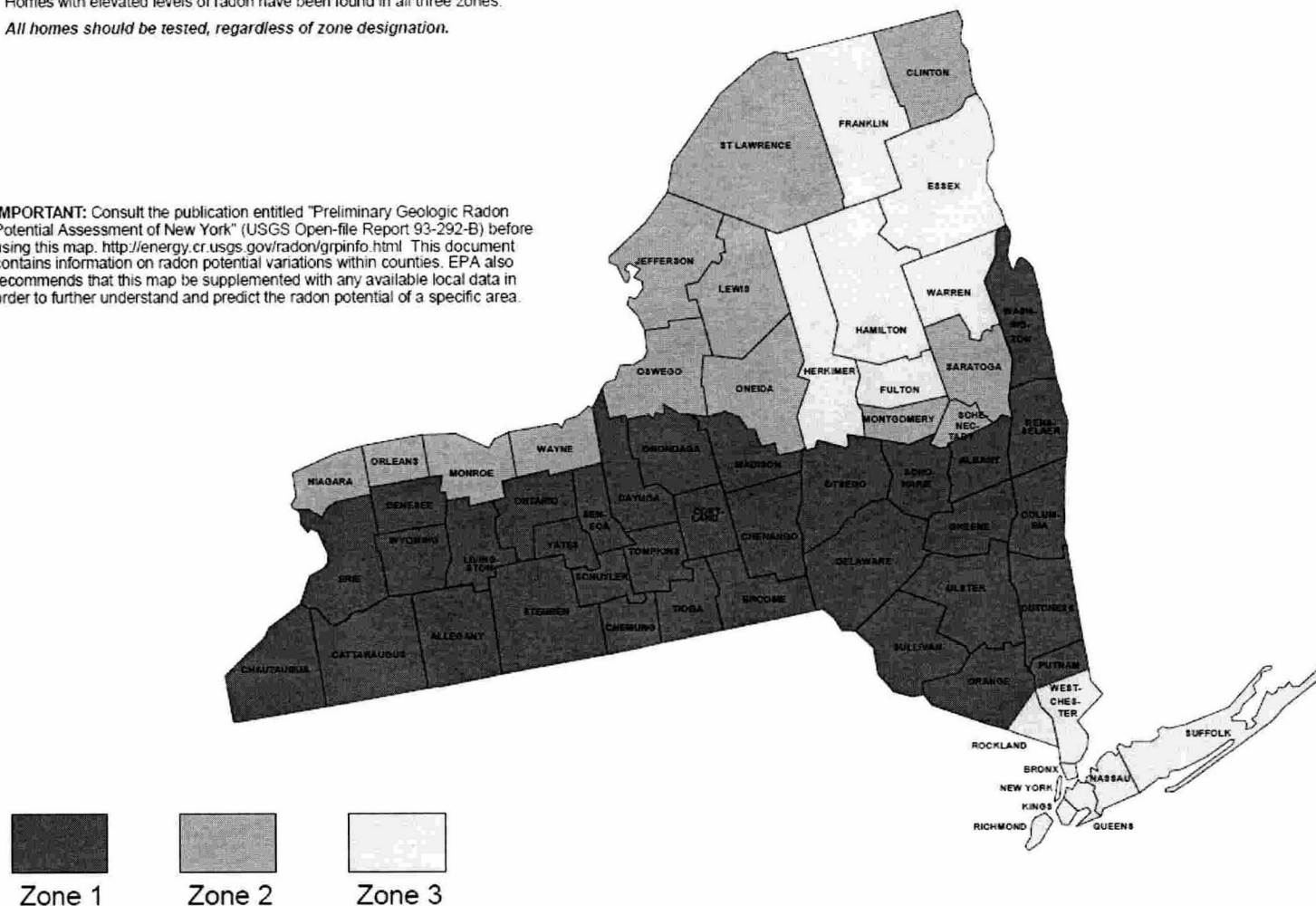
<http://www.epa.gov/radon/zonemap.html>

The purpose of this map is to assist National, State and local organizations to target their resources and to implement radon-resistant building codes.

This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones.

All homes should be tested, regardless of zone designation.

IMPORTANT: Consult the publication entitled "Preliminary Geologic Radon Potential Assessment of New York" (USGS Open-file Report 93-292-B) before using this map. <http://energy.cr.usgs.gov/radon/grpinfo.html> This document contains information on radon potential variations within counties. EPA also recommends that this map be supplemented with any available local data in order to further understand and predict the radon potential of a specific area.



How Does Radon Invade Homes?

- Radon is a gas, which means it is very mobile. It is also a single atom, therefore, very small. It can get into a home via cracks, gaps and openings in floors and walls.
- Negative pressure in the home or pressures in the underlying soil

What Are The Health Effects?

According to the EPA:

- Estimated to cause about 21,000 deaths per year in the US
- Second leading cause of lung cancer
- More deaths than drunk driving
- Non smoker, 4 Picocuries per liter over lifetime + 7 out of 1000 could get lung cancer

Radon Deaths Comparison to Other Leading Causes of Deaths in the US per Year

Deaths Per Year

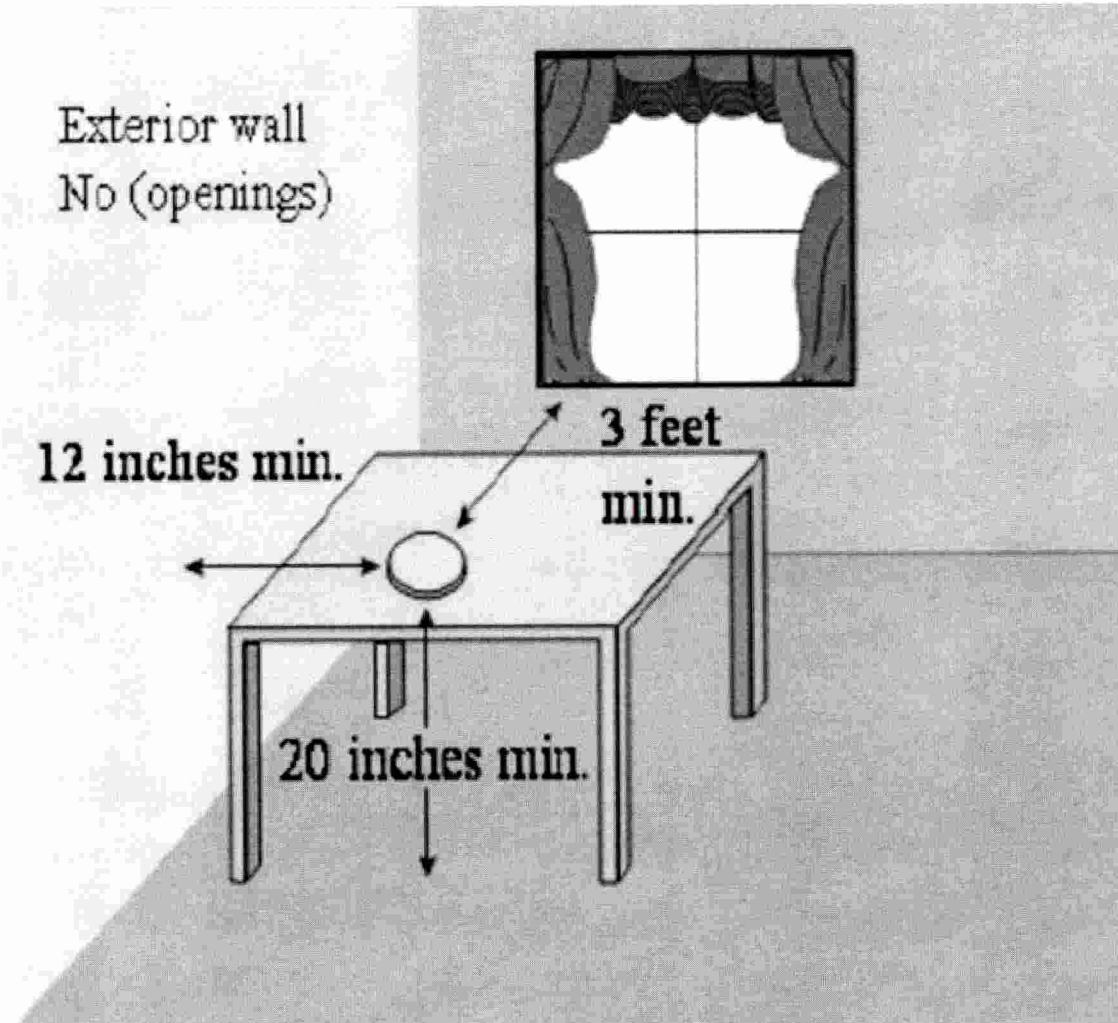
Number	Cause	Source
611,105	Heart Disease	Centers for Disease Control (2015)
584,881	All Cancers	Centers for Disease Control (2015)
160,000	Smoking	American Cancer Society (2004)
88,000	Alcohol Use	Centers for Disease Control (2015)
51,783	Colon Cancer	Centers for Disease Control (2015)
40,290	Breast Cancer	National Cancer Institute (2015)
41,149	Suicide	Centers for Disease Control (2014)
32,719	Motor Vehicle Accidents	Insurance Institute for Highway Safety (2013)
29,500	Falls	National Safety Council (2013)
22,767	Prescription Drug Overdoses	National Institute on Drug Abuse (2013)
21,840	Leukemia	U.S. EPA (2010)
21,530	Lymphoma	U.S. EPA (2010)
21,000	Lung Cancer from Radon Gas	U.S. EPA
16,121	Homicides	Centers for Disease Control (2013)
14,775	Illegal Drug Overdoses	National Institute on Drug Abuse (2013)
13,712	AIDS	Centers for Disease Control (2012)
11,208	Firearm Homicides	Centers for Disease Control (2013)
8,257	Heroin Overdoses	National Institute on Drug Abuse (2013)
4,044	Cocaine Overdoses	National Institute on Drug Abuse (2013)

Health Factors

Your Chances of contracting lung cancer from radiation exposure increase based on three factors, which are:

- The level of radiation in your home
- How much time you spent in the home
- Whether you are a smoker/former smoker or non-smoker

Radon Kit Test Placement Within A Room

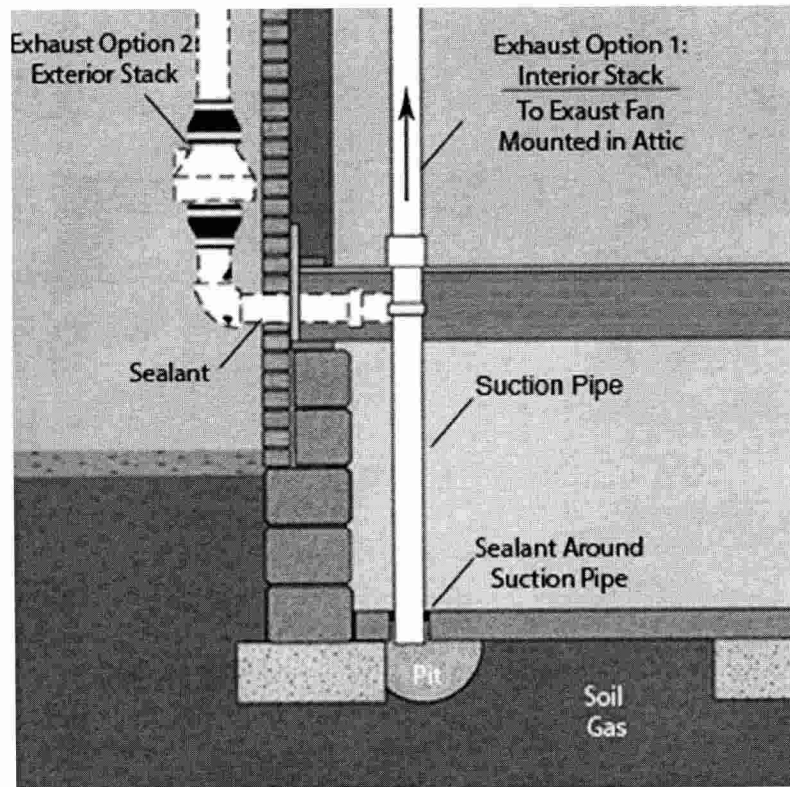


- 3 feet from windows or exterior doors
- At least 20 inches above floor
- 4 inches from other objects
- Where it won't be disturbed

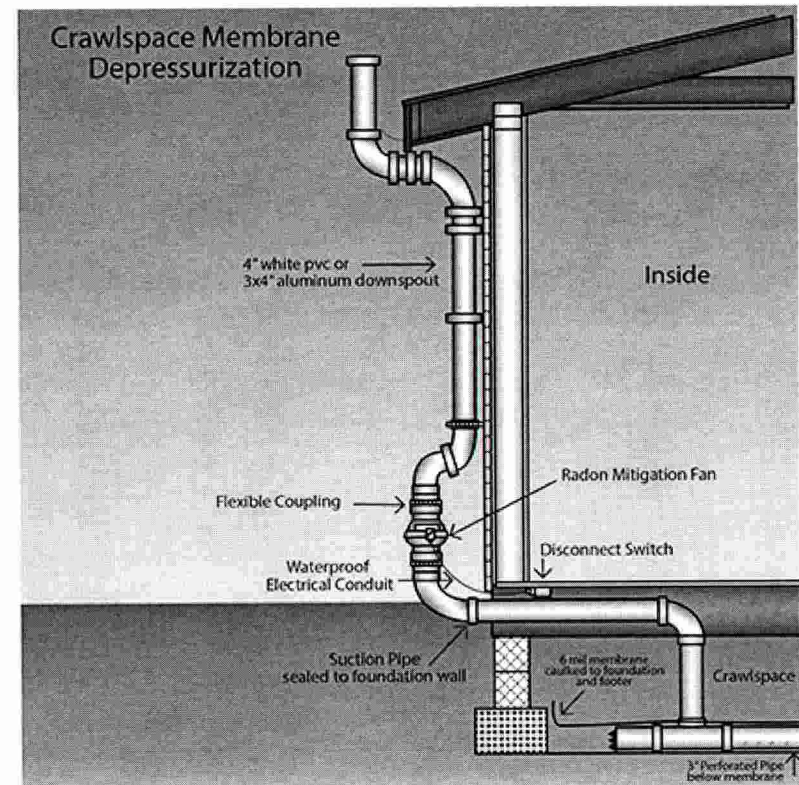
Radon Mitigation

- Mitigation is recommended if the reading is above 4 Picocuries/L
- Mitigation involves:
 - Sealing radon entry points (never the only measure)
 - Active Soil Depressurization
 - Slab based piping
 - Exhaust fans
 - Exterior piping

Homes With Radon Concerns Can be Fixed!



Slab



Crawl Space

Active soil depressurization is a means of creating a vacuum beneath a slab or plastic sheet and collecting radon before it enters a building

Radon Resistant Features

Radon-Resistant Features

The techniques may vary for different foundations and site requirements, but the basic elements are:

Gas Permeable Layer

This layer is placed beneath the slab or flooring system to allow the soil gas to move freely underneath the house. In many cases, the material used is a 4-inch layer of clean gravel. This gas-permeable layer is used only in homes with casement and slab-on-grade foundations; it is not used in homes with crawlspace foundations.

Plastic Sheeting

Plastic sheeting seams sealed is placed on top of the gas permeable layer and under the slab to help prevent the soil gas from entering the home. In crawlspaces, the sheeting is placed over the crawlspace floor.

Sealing and Caulking

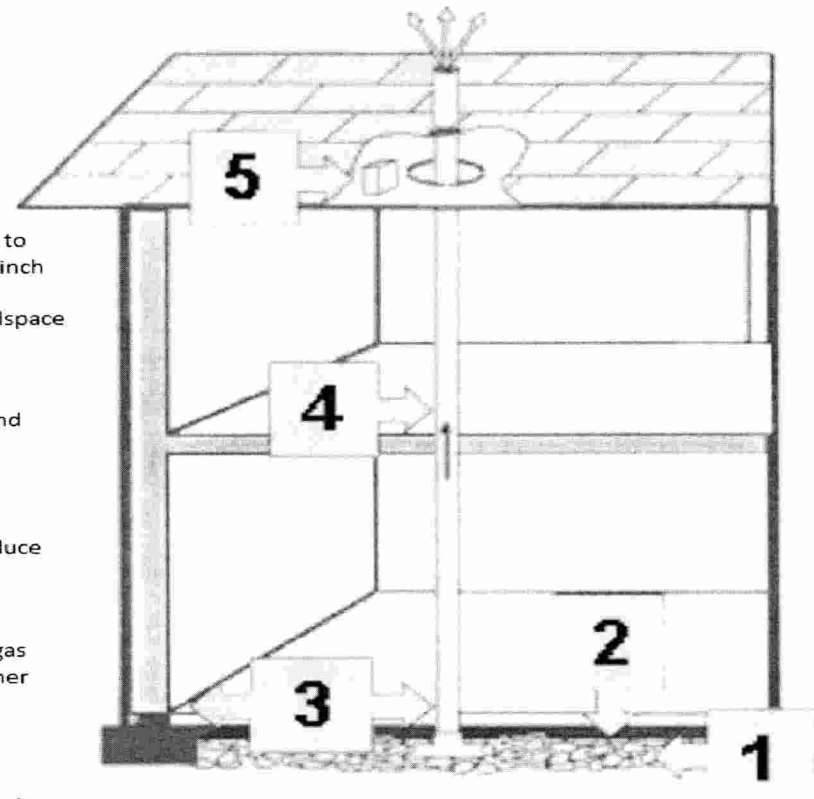
All below-grade openings in the concrete foundation floor are sealed to reduce soil gas entry into the home.

Vent Pipe

A 3- or 4-inch gas-tight or PVC pipe (or other gas-tight pipe) runs from the gas permeable layer through the house to the roof to safely vent radon and other soil gases above the house.

Junction Box

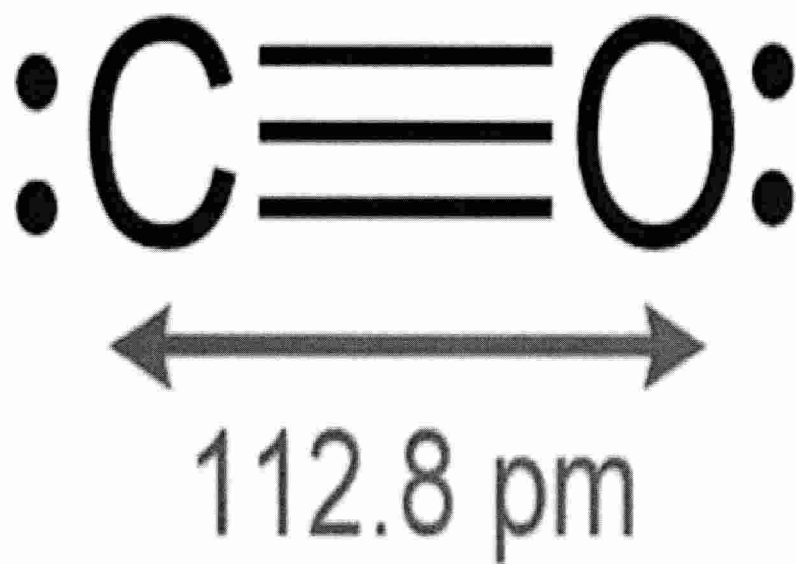
An electrical junction box is included in the attic to make the wiring and installation of a vent fan easier. For example, you decide to activate the passive system because your test result showed an elevated radon level (4 pCi/L or more). A separate junction box is placed in the living space to power the vent fan alarm. An alarm is installed along the vent fan to indicate when the vent fan is not operating properly.



Carbon Monoxide(CO) **(The Silent Killer)**

Michael Nesheiwat, M.D.
Interim Commissioner of Health
Putnam County Department of Health

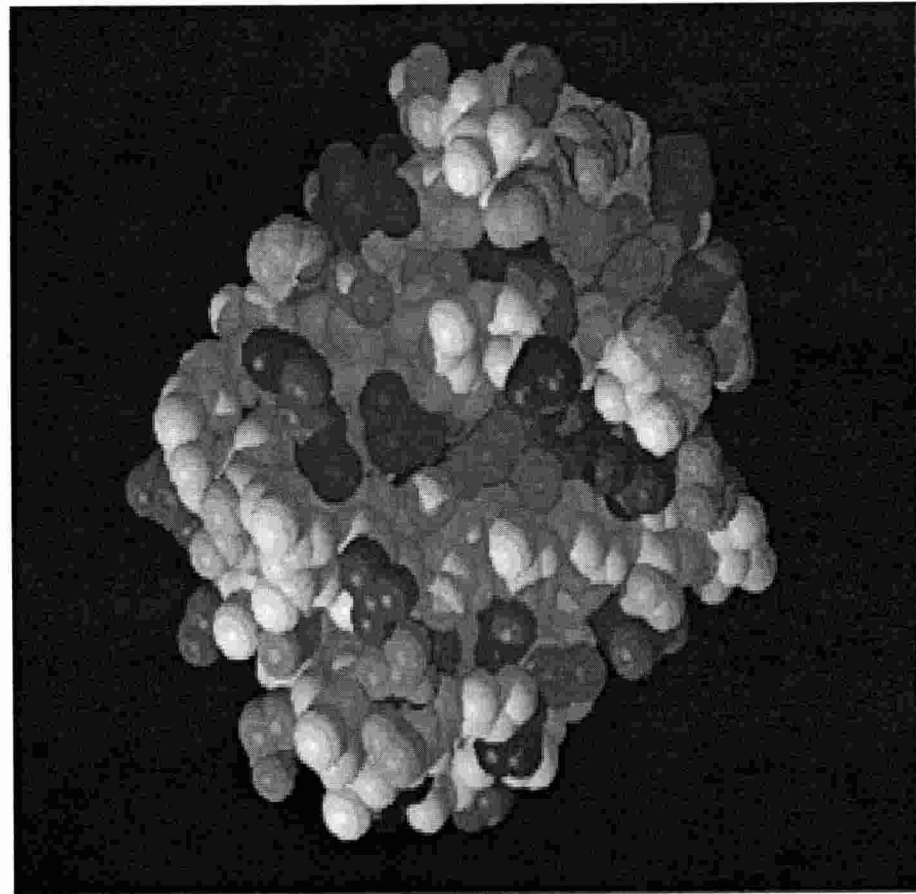
What is Carbon Monoxide?



- CO is a compound of Carbon and Oxygen
- Colorless
- Odorless
- Tasteless
- POISONOUS Gas

Pathophysiology

- ❑ CO poisoning actually very complex
- ❑ CO binds with hemoglobin with an affinity approximately 250 times that of oxygen



Exposure Limits

- ❑ A properly ventilated building with properly functioning appliances should have zero CO present.
- ❑ However, levels between 0-5 parts per million (ppm) are commonly found indoors and is considered safe

Action Levels–Lower Limits

- ❑ 0-9 ppm – Normal
 - >No action: Typically from multiple potential sources

- ❑ 10-35 ppm – Marginal
 - This level could become problematic
 - Actions: Occupants should leave the building and be advised of potential health hazard to small children, elderly and persons suffering from respiratory or heart problems.
 - Find source and mitigate/fix problem

Action Levels-Higher Limits

- ❑ 100 -200 ppm - Dangerous: Medical Alert
 - Emergency conditions exist
 - Actions: Evacuate the building immediately and check occupants for health symptoms
 - Call 911
 - All occupants should be evaluated by EMS personnel
 - If occupants exhibit *any* symptoms of CO poisoning, they should be immediately transported to a medical facility, preferably by ambulance

- ❑ Greater than 200 ppm – VERY DANGEROUS: Medical Alert
 - Actions same as above

The Hidden Dangers of CO

- ❑ Carbon monoxide is the most common exposure poisoning in the United States
- ❑ Carbon Monoxide is not easily recognized because the signs and symptoms are similar to other illnesses
- ❑ This odorless, colorless gas can cause sudden illness and death

Incidence

□ Most accidental deaths are due to:

- House fires
- Automobile exhaust
- Indoor heating systems
- Stoves and other appliances
- Gas powered generators
- Charcoal grills
- Camp stoves
- Water heaters
- Boat exhaust



Incidence (cont.)

- ❑ Increased accidental CO deaths:
 - Patients >65 years of age
 - Male
 - Ethanol (alcohol) intoxication

- ❑ Accidental deaths peak in winter:
 - Use of heating systems
 - Closed windows



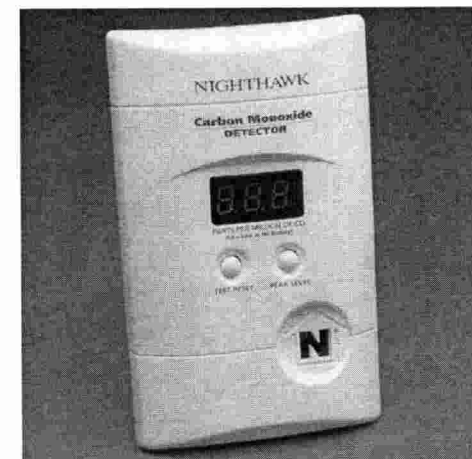
Warning Symptoms of CO Poisoning

- Sense of pressure in the head
- Roaring/ringing sensation of the ears
- Patient is confused and unable to think clearly
- Drunk appearance
- Often vomiting
- Incontinent
- Convulsions
- Pounding Pulse



Carbon Monoxide Detection

- ❑ CO detectors are widely available
- ❑ Still vastly underutilized
- ❑ CO alarms do not last forever. The detecting components will lose their effectiveness after 5 to 7 years and may no longer detect carbon monoxide. First Alerts website states: "After 5 years any detector should be replaced with a new CO"

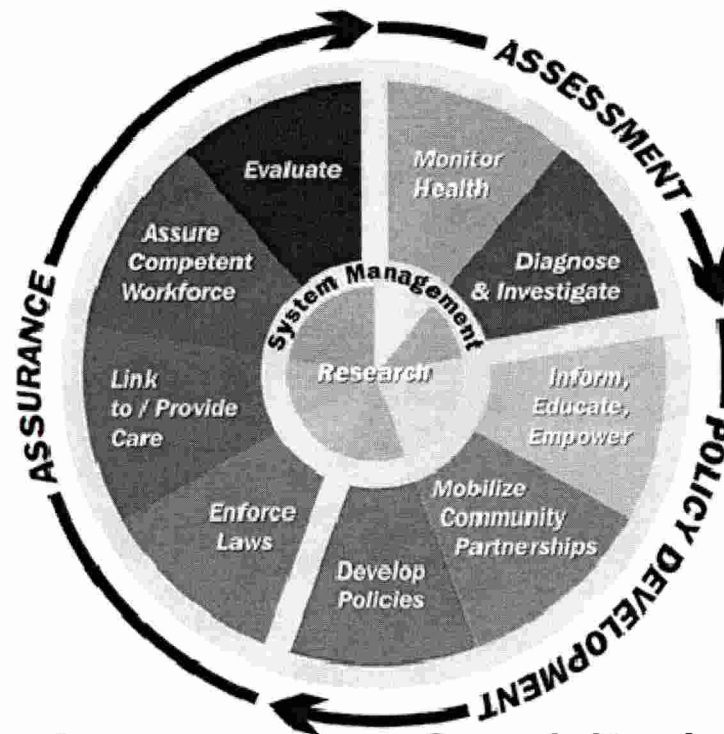


Community Health Assessment and Community Health Improvement Plan 2016–2018

Presentation to the Health Committee
of the Putnam County Legislature
Michael Nesheiwat, M.D.
Interim Commissioner of Health

CHA/CHIP Health Department Team:
Barbara Ilardi, Supervising Public Health Educator
Erin Ray Pascaretti, Epidemiologist
Kristine Boyle, Public Health Educator
Susan Hoffner, Public Health Educator
Karen Yates, Program Assistant

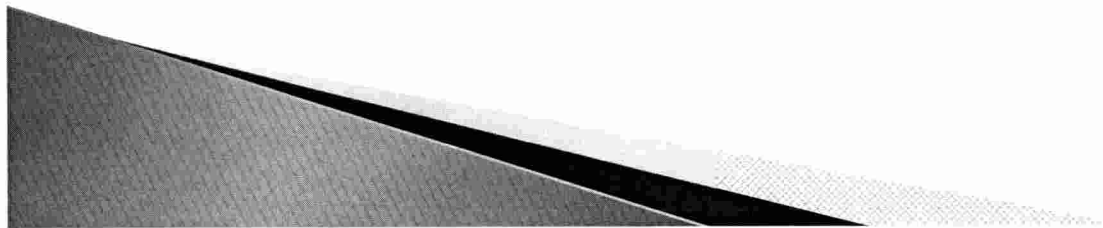
Three Core Functions of Public Health



The fundamental purpose of public health is defined by three core functions: assessment, policy development and assurance.

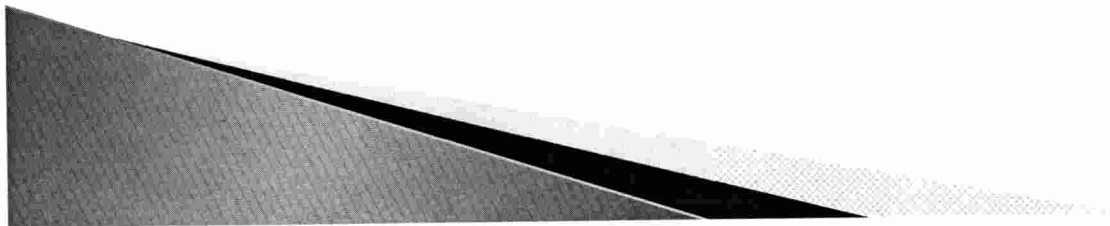
Why Community Health Assessment and Community Health Improvement Plan?

- ▶ The New York State DOH requires local health departments and hospitals to work together with community partners to assess the health challenges in their communities, identify local priorities and develop and implement plans to address them.
- ▶ Assessment is a core function of public health. By utilizing the expertise of our community partners and evaluating health data we are able to strategically develop goals and objectives for improving the health of our community.
- ▶ A Community Health Improvement Plan fosters successful community partnerships in order to have a continuous planning process for identifying and addressing the health needs of Putnam County.



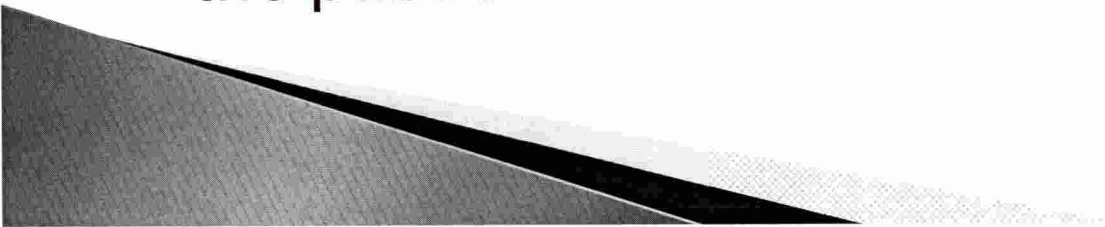
NYS Prevention Agenda

- ▶ The Prevention Agenda serves as a guide to local health departments as they work with their community to develop mandated CHIPs and to hospitals as they develop mandated Community Service Plans (CSP) and Community Health Needs Assessments (CHNA) required by the Affordable Care Act.
- ▶
- ▶ The New York State 2013–2017 Prevention Agenda features 5 priority areas:
 - ▶ Prevent chronic diseases
 - ▶ Promote healthy and safe environments
 - ▶ Promote healthy women, infants and children
 - ▶ Promote mental health and prevent substance abuse
 - ▶ Prevent HIV, sexually transmitted diseases, vaccine-preventable diseases and healthcare associated infections



Putnam County Priorities

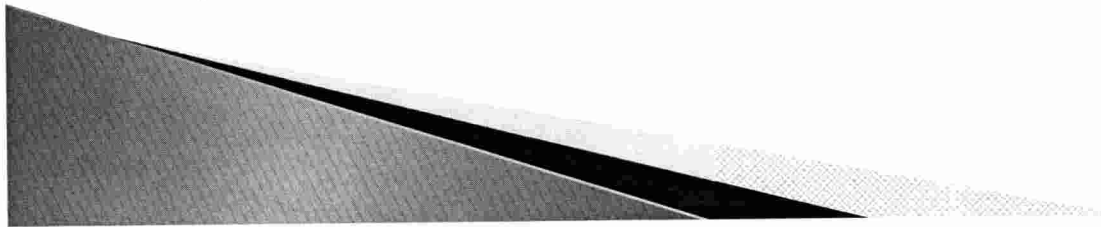
PREVENT CHRONIC DISEASES:

- **Obesity Prevention** –Work with Cornell CE to promote gardens in child care centers, work–site wellness, nutrition education classes
 - **Tobacco Prevention and Cessation** –No–smoking in PC parks and beaches, smoking cessation classes
 - **Chronic Disease Self–Management** –Offer CDSMP classes to Office of Senior Resources clients and the public
- 

Putnam County Priorities

PROMOTE MENTAL HEALTH WELL-BEING AND PREVENT SUBSTANCE ABUSE

- **Suicide Prevention** –Work with the PC Suicide Prevention Task Force to promote *safeTALK*, *ASIST*, *Psychological First Aid*
- **Decrease Alcohol Consumption and Prevent Prescription Drug Abuse** –Work with NCADD and CTC to promote Medication take Back Days, Drug Drop Off Boxes, CTC Coalitions, health care provider education.



Putnam County CHIP Community Partners

Advanced Chiropractic Wellness Care
Akzonobel

American Heart Association

American Lung Association of the NE

Arms Acres-Liberty Management

Boxwood Alliance

Brewster Central School District

Camp Wilbur Herrlich

Carmel Central School District

Center for a Tobacco-Free Hudson Valley

Center for Regional Healthcare Innovation

Child Care Council of Dutchess & Putnam

Cornell Cooperative Extension

Drug Crisis in our Backyard

Dunmore Corporation

Dutchess County Department of Health

Economic Development Corporation

Fishkill Correctional Facility

Four Winds Hospital

Garrison Union Free School District

Green Chimneys

Haldane Central School District

Hannaford

Health Quest

Hudson Valley Cerebral Palsy Association

Hudson Valley Community Services

Hudson Valley Farm to School

HYGEIA Integrated Health LLC

Kidz Country Day Care

Live Healthy Putnam Coalition

Mahopac Central School District

Maternal Infant Services Network (MISN)

Mental Health Association of Putnam

Mental Health Providers Group

National Association of Mental Illness, PC
NCADD, Putnam

New York State Courts

New York State Health Foundation

NYP-Lawrence Hospital

NYS Department of Health

Open Door Family Medical Center

Orange County Department of Health

P & N West, Women's Resource Center

P.A.R.C

Partnership for Success/NCADD/Putnam

PC Board of Health

PC Bureau of Emergency Services

PC Chamber of Commerce

PC Child Advocacy Center

PC Department of DSS, Mental Health

PC Department of Health

PC Disaster Preparedness/Bioterrorism TF

PC Medical Reserve Corps

PC Office for People with Disabilities

PC Office for Senior Resources

PC Parks & Recreation

PC Planning Department

PC Sheriff's Department

PC Veterans Affairs

PC Youth Bureau

PEOPLE, Inc.

Planned Parenthood Hudson Peconic

POW'R Against Tobacco

Public Health Improvement Program

Putnam Communities That Care Coalition

Putnam Community Action Program

Putnam County Courier

Putnam Family & Community Services

Putnam Hospital Center

Putnam Independent Living Service

Putnam Valley Central School District

Putnam/Northern Westchester BOCES

Reality Check

Rockland County Department of Health

Rockland County Office of Mental Health

Rose House (PEOPLE)

Search for Change

St. Christopher's Inn

Suicide Prevention Taskforce

The Freight House Café

Town of Carmel Parks & Recreation

Town of Kent Police Department

Town of Patterson Library

Ulster County Department of Health

Unilock

United Way of Westchester & Putnam

VET2VET Program of Putnam

Veterans Task Force

Visiting Nurse Association of Hudson Valley

Visiting Nurse Service of Putnam

Westchester County Department of Health