

**City of Carson City
Agenda Report**

Date Submitted: March 12, 2013

Agenda Date Requested: March 21, 2013

Time Requested: 1 Hour 30 Minutes

To: Carson City Board of Health

From: Health & Human Services (Marena Works)

Subject Title: For Possible Action: Comprehensive Board of Health orientation with possible action to give direction to the Health Director.

Staff Summary: The Health Director has an obligation to train and provide ongoing educational development of the Board of Health on the core functions of public health, their roles and responsibilities, advocacy, policy and applicable state and local laws. All Boards of Health are obligated to either enact or recommend policies that are in the interest of the public's health. A comprehensive orientation allows for an opportunity for the Board to be informed of their roles and responsibilities.

Type of Action Requested: (check one)
☐ Resolution ☐ Ordinance
☒ Formal Action/Motion ☐ Other (Specify) Information Only

Does This Action Require A Business Impact Statement: ☐ Yes ☒ No

Recommended Board Action: I move to accept the Comprehensive Board of Health orientation with possible action to give direction to the Health Director.

Explanation for Recommended Board Action: During the orientation, the Board of Health may desire to give specific direction to the Health Director.

Applicable Statue, Code, Policy, Rule or Regulation: NRS 439 and 441A

Fiscal Impact: N/A

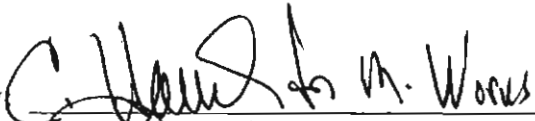
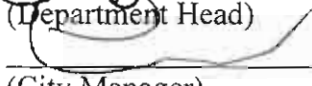
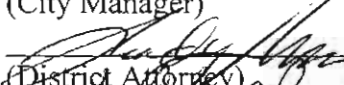
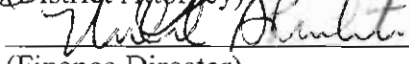
Explanation of Impact: N/A

Funding Source: N/A

Alternatives: Not to accept the Comprehensive Board of Health orientation with possible action to give direction to the Health Director.

Supporting Material: Power Point presentation

Prepared By: Marena Works, MSN, MPH, APN

Reviewed By:  3/12/13
(Department Head) Date: 3/12/13
 Date: 3/12/13
(City Manager) Date: 3/12/13
 Date: 3/12/13
(District Attorney) Date: 3/12/13

(Finance Director)

Board Action Taken:

Motion: _____ 1) _____ Aye/Nay
2) _____

(Vote Recorded By)

BOARD OF HEALTH ORIENTATION

Marens Weeks, MSN, MPH, APH
Director ECHHS



March 21, 2013

What is Public Health?




What is Public Health?

"...the art and science of maintaining, protecting and prolonging the health of the people through organized community effort."
American Medical Association




The American Red Cross and the American Heart Association



Federal Power

At the Federal level, the ability of the government to act and regulate to protect the public's health is derived from Article 1 § 8 which grants power to regulate commerce and the power to collect taxes and provide for general welfare.

DeStille, Kenneth. Public Health Law Journal of Public Health Management & Practice; May/June 2011; vol. 17, Num. 3



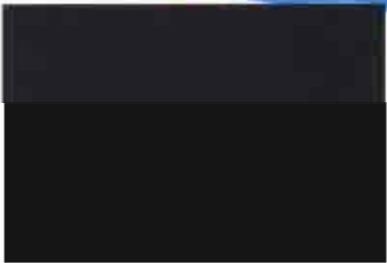
State Power

Broad Power
"Police Power" The authority conferred upon the states by the Tenth Amendment to the U.S. Constitution and which the states delegate to their political subdivisions to enact measures to preserve and protect the safety, health, Welfare, and morals of the community.

Legal Gold Energy 2011 © 2011



Workforce Wellness
Public Health Preparedness



Prevention
Immunizations

Development of Local Boards of Health

- Colonial America was threatened by epidemic disease
- Response was to record birth and death data: early 1639
- By 1799, Boston formed the first BOH
- Paul Revere was the chair



Early Public Health Struggles

Infectious disease

Strategies:

- Major sanitation measures
- Development of antibiotics
- Development of effective vaccines and mass immunizations

Success

-In 1900 the leading causes of death were from influenza, pneumonia, diphtheria, TB and intestinal infections which took the life of 800/100,000 Americans.

Today only 30 people per 100,000 die from these diseases



Early Public Health: Nuisance Abatement

Activities that harm the community

Activities that affect common resources

- Noise
- Clean air
- Water



Modern Struggles

Chronic Disease has increased by more than 25%

- Heart disease
- Cancer
- Stroke

New Diseases

- HIV/AIDS
- West Nile Virus



Public Health In Nevada, Background

Public Health focuses on the health of the population as a whole

Public Health is ultimately local

Public Health is not about the local Health Department but rather how we link toward a community-wide strategic plan for health improvement



National Structure of Public Health

- Centralized State (local departments report to state department)
- Decentralized (independent local health departments)
- ☒ Mixed
- Nevada is considered a mixed system





Nevada Revised Statutes Nevada Administrative Code

NRS 439; 441A; 442; 446

- 439 describes the administration of public health
- 441A is communicable disease
- 442 is maternal and child health
- 446 is for food establishments

Corresponding NAC

State Administration: Board of Health

Nevada has a 7-member, Governor-appointed State Board of Health

They are declared to be supreme in all non-administrative health matters relating to the preservation of the health and lives of the citizens of the state

Supreme over the State Health Officer and all district, county and city health departments; boards of health and health officers (NRS 439.150)

Local Administration

County Board of Health
 -County commissioners, sheriff, county health officer

District Board of Health
 -2 members from each county, city or town which participated in establishing the district, appointed by the governing body of the county, city or town
 -Physician licensed to practice in the state



Local Administration: County Board of Health

- Carson City formed a BOH November 13, 2003
- This decision placed public health programs in the hands of our local government
- Carson City had the unique option of forming a City or County BOH
- Opted for the County BOH



Carson City Municipal Code

Carson City board of health—Composition officers—Regulatory Commission.

1. The Carson City board of health exists by virtue of Chapter 439 of the Nevada Revised Statutes.
2. Carson City shall establish a county board of health to consist of the Carson City board of supervisors, the sheriff and the Carson City health officer.
3. The Carson City health officer shall act as chairman of the Carson City board of health, and the Carson City clerk shall be the clerk of the board.
4. Rules, regulations, and by-laws shall be promulgated to regulate the procedures of the Carson City board of health with respect to the internal management and government and appellate procedures of the board and policies of the Carson City health department. Nothing contained herein shall be construed to conflict with the statutes of Nevada or with any provision of the resolution creating the board.
5. All of the officers shall serve without additional compensation.



CCMC Title 9, Continued

Carson City health officer—Appointment—Qualifications—Term.

1. On or before January 1 next following each general election, the Carson City board of supervisors shall appoint a Carson City health officer for Carson City.
2. The Carson City health officer must be appointed on the basis of his graduate education in public health, his training, his experience and his interest in public health and related programs.
3. His term of office is two (2) years or until his successor has been appointed and qualified



CCMC Title 9, Continued

Carson City health officer—Compensation.

For performing the duties prescribed by law, the Carson City health officer shall receive such compensation as is fixed by the Carson City board of supervisors, which compensation shall not be less than twenty-five dollars (\$25.00) per month. The Carson City board of supervisors is directed to allow a claim for twenty-five dollars (\$25.00) per month or for such greater sum as the board of supervisors may deem proper for the work performed.

Carson City health officer—Executive officer of the Carson City board of health—May be a Carson City physician.

The Carson City health officer is the executive officer of the Carson City board of health, is licensed to practice medicine in this state, and may be a Carson City physician.



County BOH: Supervision by Health Division

The county board of health shall be subject to the supervision of the Health Division, and shall make such reports to the Health Division as the State Board of Health may require.

Reports are given at every State BOH meeting (by CCHHS Director or Health Officer) and include updates of events at our health department.



Carson City BOH Duties

The county board of health shall:

1. Oversee all sanitary conditions of the county in which the board is created.
2. Adopt such regulations as may be necessary for the prevention, suppression and control of any contagious or infectious disease dangerous to the public health, which regulations take effect immediately upon approval by the State Board of Health.
3. File a copy of all of its adopted regulations with the county clerk.



County BOH Powers

The county board of health may:

1. Abate nuisances in accordance with law.
2. Establish and maintain an isolation hospital or quarantine station when necessary for the isolation or quarantine of a person or a group of persons.
3. Restrain, quarantine and disinfect any person or group of persons sick with or exposed to any contagious or infectious disease that is dangerous to the public health.



County BOH Powers, Continued

4. Appoint quarantine officers when necessary to enforce a quarantine, and provide whatever medicines, disinfectants and provisions which may be required, and shall arrange for the payment of all debts or charges so incurred from any funds available, but each patient shall, if the patient is able, pay for his or her food, medicine, clothes and medical attendance.

5. Subject to the prior review and approval of the board of county commissioners and except as otherwise provided in [NRS 516.124](#), adopt a schedule of reasonable fees to be collected for issuing or renewing any health permit or license required to be obtained from the board pursuant to a law of this state or an ordinance adopted by any political subdivision of this state. Such fees must be for the sole purpose of defraying the costs and expenses of the procedures for issuing licenses and permits, and investigations related thereto, and not for the purposes of general revenue.



Responsibility of Board Members

Associate yourself with your community and its public health status, its HC history/goals.

Review statutes, administrative rules & local policies.

Participate in open dialogue re: LPH both in & out of meetings.

Belong to the National Association of Local BOH

National Association of Local Boards of Health

NALBOH's mission is to strengthen and improve public health governance.



Understanding the Function of the Carson City Board of Health

LOCAL GOVERNANCE PUZZLE

This diagram illustrates the many functions of a local board of health. No one function is considered more important than another and each function is integral to an optimal public health program in our community.




Members of the BOH need to :

1. Fully understand legal authority, obligations and responsibilities
2. Assure adequate resources to perform essential PH activities and goals
3. Develop policies to support PH
4. Evaluate, monitor and set goals for improving community health status
5. Assure collaboration of all relevant stakeholders to achieve PH objectives



1. Legal Authority



Tuskegee Syphilis Study

Ethical Issue: Should someone be forced to be vaccinated?
Example: Some hospitals make employees wear masks during their shifts if they were not vaccinated for influenza.



Legal Authority

NRS 439.560: Enforcement of chapter by public officers. All health officers, local BOH's, sheriffs, ... shall respect and enforce this chapter, all provisions of law requiring the immunization of children in public schools, private schools and child care facilities....

NRS 439.570: When the health authority deems it necessary, he shall report cases of violation of any provisions of this chapter or of provisions of law requiring the IZ of children in public schools, private schools...to the district attorney of the county....



2. Resources to Perform the 10 Essential Services

Prevention, promotion, and protection strategies are an integral part of the larger health care system. The mission of public health is to: 1) promote healthy lifestyles and improve the quality of life through better health and fitness; and 2) to prevent disease, injury, disability, and premature death. This includes protecting people's health from environmental dangers and health promotion through risk reduction and **public education**.



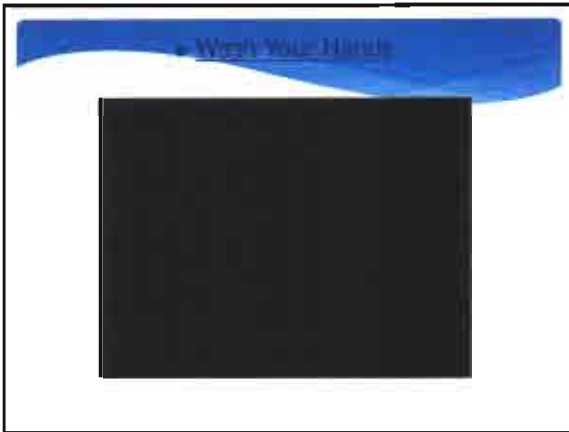
Restaurant Inspections



MAKE OUR
**FOOD
SAFE**







3. Develop Policy

Boards of health are part of state and local public health systems and are charged to address health promotion, disease prevention, and public protection. They provide the necessary guidance and oversight of a local public health agency to assure the community's health.

Boards of health are a powerful part of a local public health system. Boards set policies, review operational data; and challenge any organizational activity when necessary.



Public Health Law

Police Power: States sovereign authority for the protection of public health

Federal power is in commerce: Congress can regulate what passes through states

State can delegate this authority to lower levels of government

Federal power is through the grants they give and we accept: this is where they can make requirements



Health Officer Responsibility and Liability

Actions must be justified

Law seeks to encourage the responsible exercise of discretion and the good-faith practice of official powers (Grad, 2005).

Health Officers have far-reaching protections under the law so they can use discretion and take forceful and decisive action when called for in carrying out the duties of their office.



Ten Essential Services

All public health agencies are responsible for fulfilling the three core functions of public health, which are: assessment, policy development, and assurance. Within these three core functions, the U.S. Department of Health and Human Services has identified ten "Essential Public Health Services" that describe the work of public health.



Ten Essential Services Assessment

1. **Monitor** health status to identify community health problems.
2. **Diagnose and Investigate** health problems and health hazards in the community.



Ten Essential Services
Policy Development

3. **Inform, educate, and empower** people about health issues.

4. **Mobilize** community partnerships to identify and solve health problems.

5. **Develop policies and plans** that support individual and community health efforts.

Ten Essential Services
Assurance Functions

6. **Enforce** laws and regulations that protect health and ensure safety.

7. **Link** people to needed personal health services and assure the provision of health care when otherwise unavailable.

8. **Assure** a competent public health and personal health care workforce.

9. **Evaluate** effectiveness, accessibility, and quality of personal and population-based health services.

10. **Research** for new insights and innovative solutions to health problems.

4. Evaluate, Monitor and Set Goals
for Improving Community Health Status

Life Expectancy

-Pre-mature death

Smoking

Teen birth rate

Obesity

Life Expectancy

A good way to initially assess the health of a community
 Begins with pre-natal care
 Should always be a focus on Maternal-child health
 Everything that goes into "life" from there adds to expectancy



Are We Where We Should Be?

U.S. ranks 51st in the world for life expectancy at birth: average of 78.49 years (est. CIA World Fact Book) (CDC: 78.1)
 There are over 4 dozen countries better than us
 Nevada is 36th in the Nation at 77.6 years (statehealthfacts.org)
 Carson City is 74.3 years for males & 80 for females. (measureofamerica)



Factors that Contribute to Pre-mature Death

5% Environmental Exposures
 10% Health Care
 15% Social Circumstances
 30% Genetics
40% Behavioral Factors

We are not near the health status we think we should be



County Health Rankings

In February 2010, these were released for every county in the U.S. Latest update 2012.

A collection of 50 reports reflecting the overall health of every county to give a snapshot of how healthy their residents are

Helps to show where we are doing well and areas of improvement



Rankings Health Outcomes

Rank	Mortality	Rank	Morbidity
1	Douglas	1	Lincoln
2	Pershing	2	Churchill
3	Washoe	3	Elko
4	Lyon	4	Storey
5	Clark	5	Washoe
6	Elko	6	Eureka
7	Carson City	7	Humboldt
8	Humboldt	8	Douglas
9	Eureka	9	Washoe
10	Storey	10	Lyon
11	Churchill	11	Clark
12	Lincoln	12	Carson City
13	White Pine	13	Lander
14	Lander	14	Pershing
15	Nye	15	Nye
16	Mineral	16	Mineral

Not Ranked: Esmeralda

County Health Rankings: Overall

- | | |
|--------------|------------------|
| 1. Douglas | 9. Storey |
| 2. Elko | 10. Clark |
| 3. Lincoln | 11. Eureka |
| 4. Washoe | 12. *Carson City |
| 5. Lyon | 13. White Pine |
| 6. Pershing | 14. Lander |
| 7. Churchill | 15. Nye |
| 8. Humboldt | 16. Mineral |

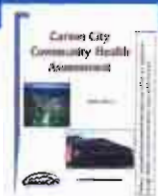
Not Ranked: Esmeralda



Snapshot 2012: Carson City, NV				
	Carson City	Error Margin	State Mark*	Nevada (of 16)
Outcomes Health				12
Mortality				7
Premature death	*8,129	7,321-8,937	5,466	7,927
Morbidity				12
Poor or fair health	20%	17-23%	10%	18%
Poor physical health days	4.2	3.6-4.7	2.6	3.7
Poor mental health days	3.6	3.0-4.0	2.3	3.7
Low birth weight	7.8%	6.9-8.4%	6.0%	8.1%

Snapshot 2012: Carson City, NV				
	Carson City	Error Margin	State Mark*	Nevada (of 16)
Health Factors				8
Health Behaviors				4
Adult smoking	23%	20-26%	14%	22%
Adult obesity	23%	20-26%	25%	26%
Binge drinking	19%	17-22%	8%	19%
Motor vehicle crash death rate	17	12-21	12	17
Sexually Transmitted Infect.	270		84	386
Teen birth rate	60	56-65	22	53

5. Assure Collaboration




Community Health Assessment: This process was a great step in developing relationships among community agencies and service providers



Promotions and Community Education

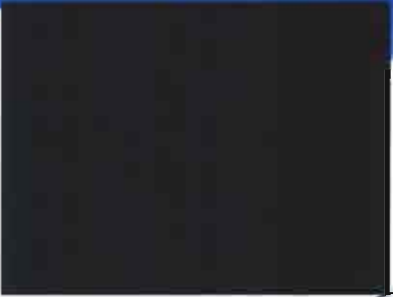
- Weekly article
- Gethealthycarsoncity.org
- Facebook and Twitter
- MRC recruitment
- Just in time training for Points of Dispensing (POD) clinics
- Community health fairs in 3 counties







Community Education




Public Health Involvements

- Vaccination
- Food Safety
- Motor-vehicle safety
- Safer workplaces
- Control of infectious diseases
- Built Environments: walk, bike, parks, etc.
- Safer and healthier foods
- Healthier mothers and babies
- Recognition of tobacco use as a health hazard



Moving Forward

- Suggestions from the Governance Assessment has assisted us as we look to set priorities and goals:
 - Increased Board knowledge and involvement
 - Developed policy
 - Periodic review of needed services in the community
 - Strengthened the public health workforce





