

**City of Carson City
Agenda Report**

Date Submitted: February 25, 2014

Agenda Date Requested: March 6, 2014

Time Requested: 20 minutes

To: Carson City Board of Health

From: Health & Human Services Department (Nicki Aaker)

Subject Title: Provide a report and discussion regarding the activity update of Carson City Health and Human Services' (CCHHS) Disease Control and Prevention Division. (*Dustin Boothe*)

Staff Summary: This is an opportunity to provide an update on CCHHS' Disease Control and Prevention Division's activities informing the Board of Health of current activities, programs and services.

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: Presentation and discussion only

Explanation for Recommended Board Action: N/A

Applicable Statute, Code, Policy, Rule or Regulation: N/A

Fiscal Impact: N/A

Explanation of Impact: N/A

Funding Source: N/A

Alternatives: N/A

Supporting Material: PowerPoint – "Disease Control and Prevention Division"

Prepared By: Nicki Aaker, MSN, MPH, RN

Reviewed By: D. Gak
(Department Head)

Date: 2-25-14

Marena Gunk
(City Manager)

Date: 2-25-14

[Signature]
(District Attorney)

Date: 2/25/14

[Signature]
(Finance Director)

Date: 2/25/14

Board Action Taken:

Motion: _____

- 1) _____
2) _____

Aye/Nay

(Vote Recorded By)

Disease Control and
Prevention Division

Carson City Board of Health
February 20, 2014



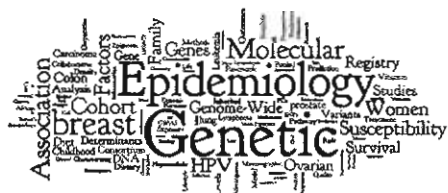
Epidemiology Program

•“Epidemiology is concerned with the distribution and determinants of health and diseases, morbidity, injuries, disability, and mortality in populations”
(Friss & Sellers, 2004)



Epidemiology Program

"Epidemiology impacts both the way that we make personal decisions about our lives and the ways in which governments, public health agencies, and medical organizations make policy decisions that affect how we live." (Aschenprau & Seage, 2008)



Epidemiology Program

Uses of Public Health Surveillance

- Estimate magnitude of the problem
- Determine geographic distribution of illness
- Portray the natural history of a disease
- Detect epidemics / define a problem
- Local access to data



Epidemiology

Line Listing Of Reportable Diseases In Carson City 2010 To 2013

Year	2010	2011	2012	2013
1	10/10/2010	10/10/2011	10/10/2012	10/10/2013
2	10/10/2010	10/10/2011	10/10/2012	10/10/2013
3	10/10/2010	10/10/2011	10/10/2012	10/10/2013
4	10/10/2010	10/10/2011	10/10/2012	10/10/2013
5	10/10/2010	10/10/2011	10/10/2012	10/10/2013
6	10/10/2010	10/10/2011	10/10/2012	10/10/2013
7	10/10/2010	10/10/2011	10/10/2012	10/10/2013
8	10/10/2010	10/10/2011	10/10/2012	10/10/2013
9	10/10/2010	10/10/2011	10/10/2012	10/10/2013
10	10/10/2010	10/10/2011	10/10/2012	10/10/2013
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96	10/10/2010	10/10/2011	10/10/2012	10/10/2013
97	10/10/2010	10/10/2011	10/10/2012	10/10/2013
98	10/10/2010	10/10/2011	10/10/2012	10/10/2013
99	10/10/2010	10/10/2011	10/10/2012	10/10/2013
100	10/10/2010	10/10/2011	10/10/2012	10/10/2013

Epidemiology Program

Regional Influenza Cases

by Type

2012-2013



Regional Influenza Cases

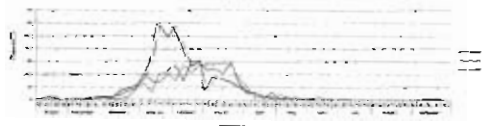
by type

2011-2012



Excess Deaths and Influenza Cases

2010-2013



Epidemiology Program

This program is 100% funded via the following grants:

- CDC
- ELC
- HIV Prevention
- STD
- TB
- HIV Surveillance

Environmental Health Program



Environmental Health Program

- Food and Drink Establishments
- Public Pools
- Child Care Facilities
- Public Accommodations
- Private Wells and Individual Sewage Disposal Systems
- Mosquito Abatement
- Food Safety Training
- Invasive Body Decoration

Environmental Health Program

- Currently 583 permitted facilities, 40% require 2 inspections per year.
- In 2013 staff investigated 55 complaints, most of them in food establishments.
- In 2013 staff inspected 211 temporary food establishments.
- Mosquito abatement program treats area of over 400 acres.

Environmental Health Program

This program is funded 100% from the General Fund.



Environmental Health Services in Douglas County

- Services to be provided in accordance to NRS 444, 445A, 446, 447, 583, and 585, which includes inspections of:

- Restaurants
- Public Pools and Spas
- Public and Private Schools
- Hotels, Motels, and RV Parks
- Temporary Events with Food Service
