

**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. Gaskin

Date: 2-25-14

(Department Head)

Marcena Banks

Date: 2-25-14

(City Manager)

D. Gaskin

Date: 2/25/14

(District Attorney)

Mark P. Smith

Date: 2/25/14

(Finance Director)

**Board Action Taken:**

Motion:

1)

Aye/Nay

2)

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(Vote Recorded By)

## Disease Control and Prevention Division

Carson City Board of Health  
February 20, 2014



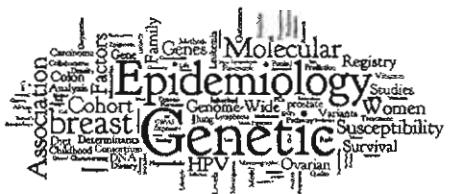
## Epidemiology Program

- “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." (Aschengrau & 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




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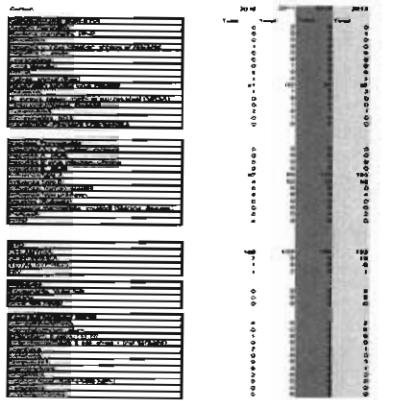
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**Epidemiology**

**Line Listing Of Reportable Diseases In Carson City 2010 To 2013**




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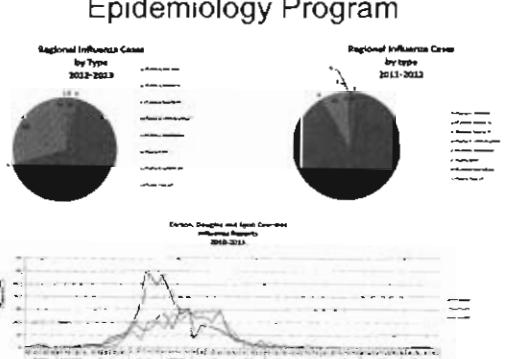
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**Epidemiology Program**

**Regional Influenza Cases by Type 2012-2013**

**Regional Influenza Cases by Type 2011-2012**

**Carson, Douglas and Lyon County Influenza Reports 2010-2013**




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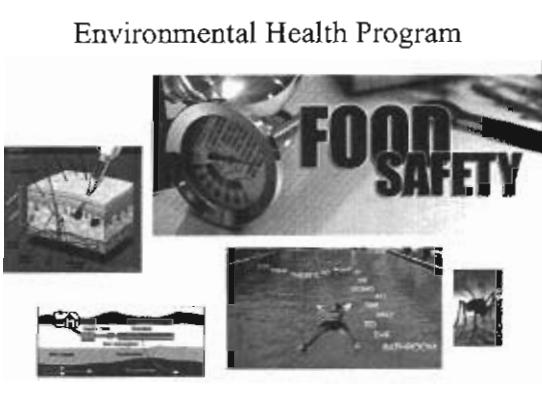


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## Epidemiology Program

This program is 100% funded via the following grants:

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



## 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