MMWR Publication

October 25, 2017
Board of Health Meeting
Clark County Public Health

Derel Glashower, MPH
Epidemiologist
• **MMWR** = **M**orbidity and **M**ortality **W**eekly **R**eport

• Weekly online journal and “the voice of CDC”

• Widely read
  – 250,000 electronic subscribers
  – Website receives >23 million page views

• Rankings
  – 2\(^{nd}\) in the subject category of Public, Environmental & Occupational Health
  – 1\(^{st}\) of top 20 publications in Epidemiology

**CDC** = Centers for Disease Control and Prevention

**Source of information:** https://www.cdc.gov/mmwr/about.html
Notes from the Field: Outbreak of *Campylobacter jejuni* Associated with Consuming Undercooked Chicken Liver Mousse — Clark County, Washington, 2016

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https://www.cdc.gov/mmwr/volumes/66/wr/mm6638a4.htm
• **Outbreak of *Campylobacter jejuni* in 2016**
  - 5 sick people identified
  - First reported by an illness complaint
  - All ate chicken liver mousse from a restaurant
  - Chicken livers were likely being undercooked
  - “Fingerprinting” of *Campylobacter* showed relatedness to samples from a previous chicken liver pate outbreak in OR
Public Health Actions

- Closed the restaurant
- Educated restaurant staff
- Conducted study to identify the source of illness
- Looked for more ill people*
- Screened for ill restaurant workers*

*Not included in MMWR Publication
Value of this MMWR Report

- Highlights the value of illness complaint systems
- Shares information with the global Public Health community
- Demonstrates Clark County’s outbreak response capabilities
- Good publication experience for the Public Health team
Influenza Update

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Influenza
What is it?

• Virus
  – 2 types – A and B
  – Antibiotics don’t work

• Circulates every winter in the Northern Hemisphere

• Causes respiratory symptoms
  – Fever, cough, sore throat

• It’s NOT:
  – The cold
  – A diarrheal illness

Image Source: https://www2c.cdc.gov/podcasts/player.asp?f=11226
• Not much influenza activity in the USA (yet)

• H3N2 predominates

• Most typed H3N2 viruses are from clades contained in the seasonal vaccine
  – Suggests vaccine may be a good match to circulating viruses
Influenza Surveillance
Clark County

Positivity Rate of Influenza Tests by Week from Reporting Laboratories in Clark County

Percent Lab Tests Positive for Influenza

CDC Week

Oct  Nov  Dec  Jan
• Not much influenza activity (yet)

• 1 ILI outbreak in congregate setting

• 11 flu cases reported as of October 14
  – 10 A
  – 1 B

ILI = Influenza Like Illness
Influenza

What is Clark County Doing?

• Surveillance for Influenza
  – Weekly Reports posted on the web

• Educating Healthcare Providers

• News Releases and Social Media
  – Encourage vaccine and prevention measures

• Preparing Provider Advisories
Influenza
Actions Everyone Can Take

• Get vaccinated
  – Anyone >6 months of age

• Cover coughs and sneezes

• Wash hands often

• Stay home when sick

• Seek appropriate care
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