

Hepatitis A Outbreak

Southern Nevada

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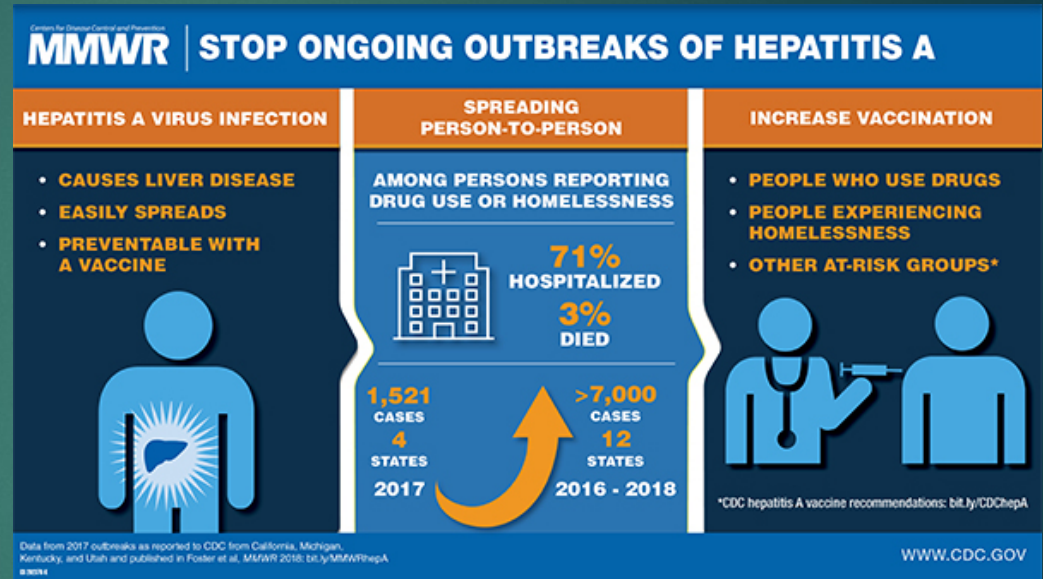
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Overview

- ▶ Background on hepatitis A in the USA
- ▶ Outbreak in Clark County, NV
- ▶ Overview of current outbreak response efforts

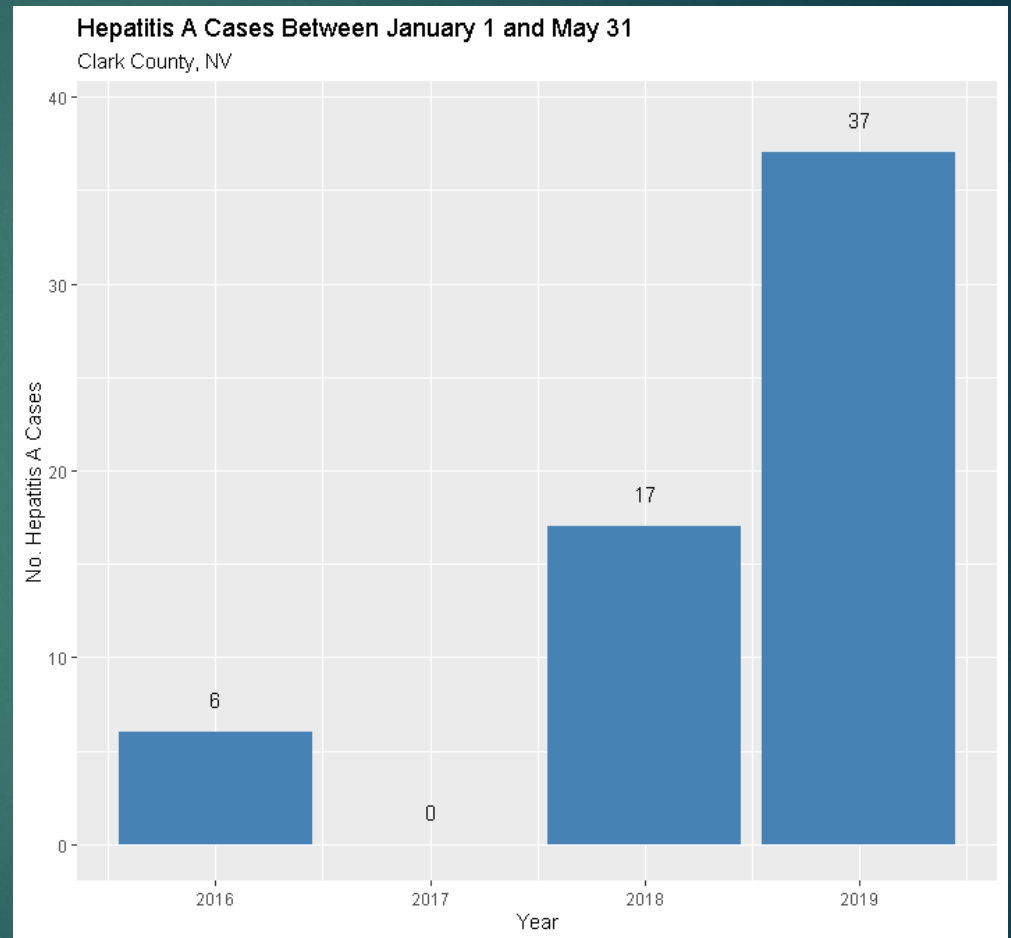
Hepatitis A in the US

- ▶ Since March 2017, CDC's Division of Viral Hepatitis (DVH) has assisted multiple state and local health departments with hepatitis A outbreaks in their jurisdictions
- ▶ As of June 28, 2019, 25 states have publicly reported 21,230 cases, 12,476 hospitalizations (59%) and 203 deaths.



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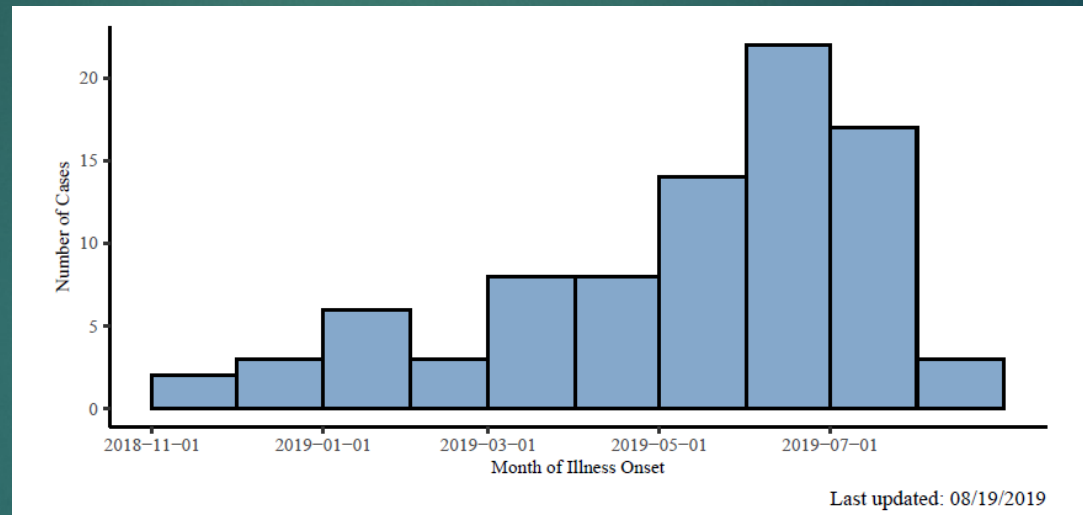
- ▶ **Early June, 2019:** SNHD's Office of Epidemiology & Disease Surveillance (OEDS) notices an increase in the number of hepatitis A cases.
- ▶ **June 19, 2019:** SNHD OEDS declares a hepatitis A outbreak. Primary risk factors are homelessness and drug use.
- ▶ **July 1, 2019:** Incident Command System is instituted at SNHD to respond to the hepatitis A outbreak



Data Source: SNHD Office of Epidemiology & Disease Surveillance

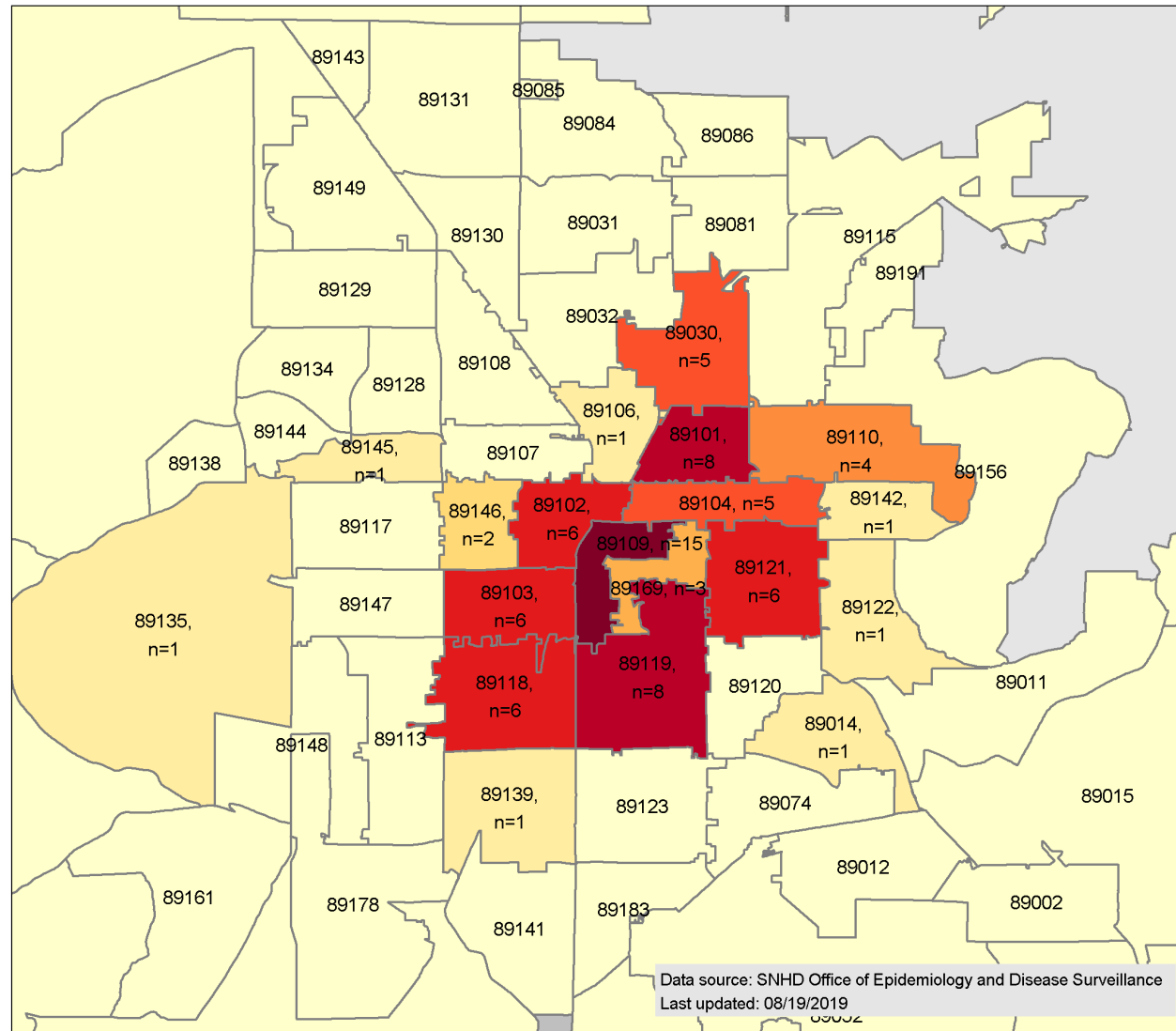
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- ▶ Between Nov. 1, 2018 and August 19, 2019:
 - ▶ 86 cases associated with the outbreak
 - ▶ 86% of cases were hospitalized
 - ▶ 1 death



- ▶ Risk factors:
 - ▶ 93% of cases were people who use drugs (injection and non-injection)
 - ▶ 81% of cases were people experiencing homelessness or unstable housing

Outbreak Cases by ZIP Code of Residence *



* Note: If ZIP code of residence was not available, ZIP code of the diagnostic facility was used

Outbreak Response:

Hepatitis A Vaccination

- ▶ Direct contact with anyone with Hep A infection
- ▶ People experiencing homelessness
- ▶ Users of drugs: both injection/non-injection
- ▶ Those who are incarcerated or recently incarcerated
- ▶ Men who have sex with men
- ▶ Travelers to countries with high/intermediate Hep A endemicity (may be given to infants 6-11 months of age for travel)
- ▶ Person with clotting factor disorders

Outbreak Response: Hepatitis A Vaccination

- ▶ 64 vaccination outreach events*
 - ▶ 48 homeless encampment sites
 - ▶ 16 facilities (e.g. homeless shelters, Courtyard, drug treatment facilities, Clark County Detention Center)
- ▶ 1093 hepatitis A vaccines administered to adults by SNHD**

* Updated 8/19/19 (Data source: SNHD Immunization team records)

** Updated 8/19/19 (Data source: Nevada WebIZ)

Outbreak Response:

Educate At-Risk Population and Public

- ▶ Media
 - ▶ Two media releases (June 19, August 15)
 - ▶ More than 15 media stories generated (as of August 16)
- ▶ Dedicated page on SNHD's website: <https://snhd.info/hep-a-control>
- ▶ Email notification of external stakeholders
 - ▶ Hospitals
 - ▶ Food facility staff / managers



Outbreak Response: Partnerships

- ▶ Centers for Disease Control and Prevention (CDC)
- ▶ Nevada Division of Public and Behavioral Health (NDPBH)
- ▶ CCDC Cares
- ▶ Las Vegas Metro Police Department
- ▶ Trac B Exchange
- ▶ Las Vegas Rescue Mission
- ▶ Three Square
- ▶ HELP of Southern Nevada
- ▶ AIDS Healthcare Foundation (AHF)
- ▶ Touro University PA program
- ▶ UNLV School of Nursing
- ▶ Nevada State College
- ▶ WestCare
- ▶ Catholic Charities
- ▶ Sana Behavioral Health
- ▶ Nevada Homeless Alliance

Outbreak Response:

Future Goals

- ▶ Increase the capacity of external partners to carry out or host vaccination events in coordination with SNHD
- ▶ Develop capacity at Clark County Detention Center and Las Vegas City Jail to offer routine hepatitis A vaccination during intake
- ▶ Scale up vaccination of at-risk individuals who visit emergency departments in high-prevalence ZIP codes

Questions?

