



Agenda Item

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**File #:** 18-196

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**Topic/Discussion Title:**

HepA Update

**Description:** The Health Department has been addressing a hepatitis A outbreak for the past 12 months. As the outbreak seems to be winding down, the update will include numbers affected, measures taken, and outbreak costs.

**Requested Action:** Informational

**Presenter(s):** Gary Edwards, Health Department Director Dr. Dagmar Vitek, Medical Doctor Ilene Risk, Epi Bureau Manager Michelle Vowells, Lead Epidemiologist

**Time Needed:** 15 min

**Time Sensitive:** No

**Specific Time(s):** NA

**Requesting Staff Member:** Karen Crompton

Please attach the supporting documentation you plan to provide for the packets. Agenda items must be approved by Wednesday at 11:00 am. While not ideal, if PowerPoint presentations are not yet ready, you can submit them by 10 am the Friday morning prior to the COW meeting. Items without documentation may be withheld from consideration for that COW meeting.

# Hepatitis A Virus (HAV) Outbreak 2018

# Hepatitis A Outbreak 2018

- Caused by Hepatitis A virus (HAV)
- Transmitted person-to-person
  - Fecal-oral route
  - Contaminated food, water or environment
- Symptoms: stomach pain, low appetite, nausea, jaundice, diarrhea
- Course: self-limited, resolves within 2 months
- Protection: lifetime if infected
- Prevention: vaccine, hygiene

# HAV, cont.

As of June 8, 2018:

## California

- 704 cases, 461 (65%) hospitalizations, 21 (3%) deaths

## Kentucky

- 629 cases, 401 (63%) hospitalizations, 6 (<1%) deaths, 45 new cases a week

## Michigan

- 837 cases, 671 (80%) hospitalizations, 27 (3%) deaths

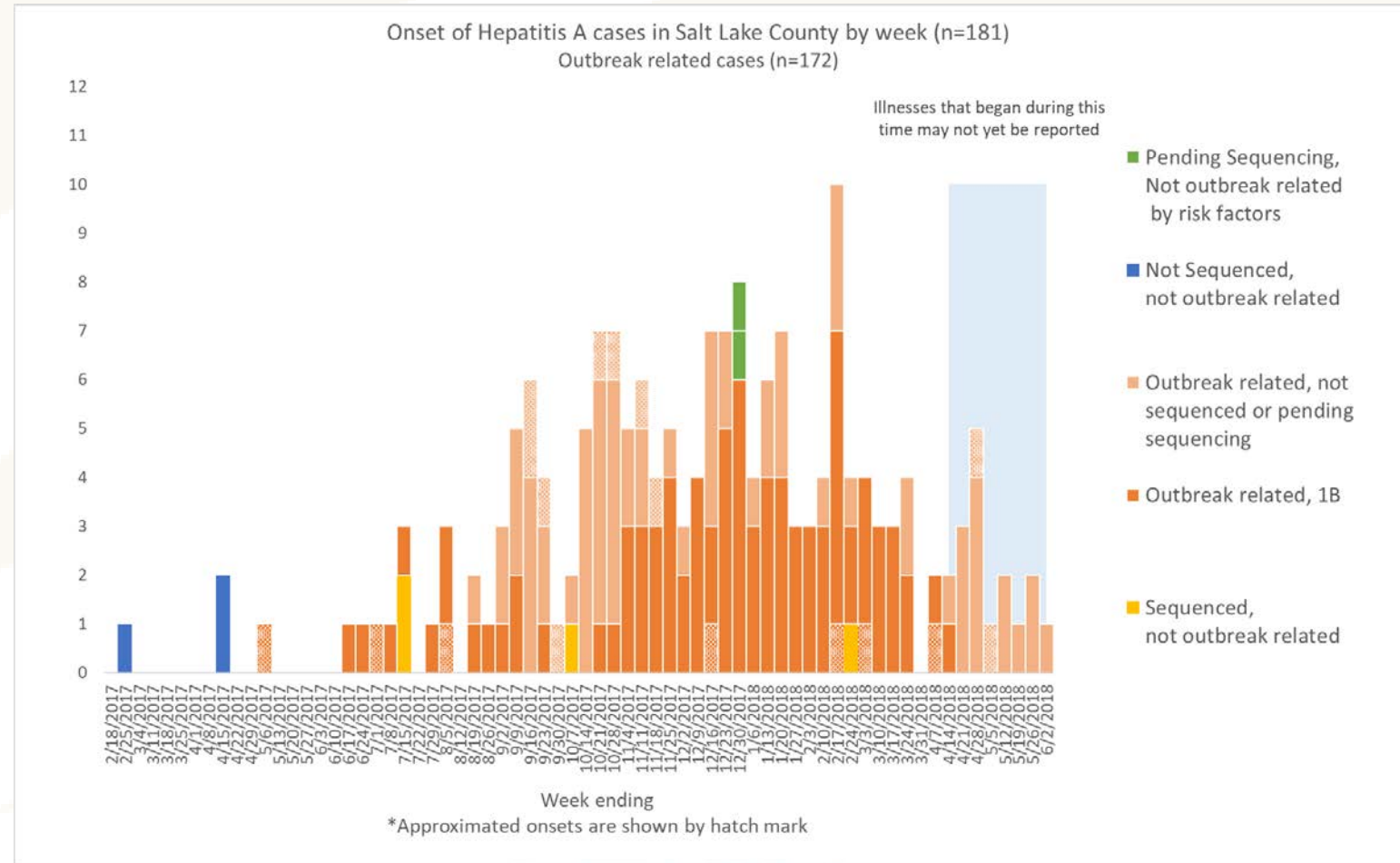
## Utah

- 251 cases, 135 (54%) hospitalizations, 2 (<1%) deaths

Other states: North Carolina, West Virginia, Tennessee, Indiana

# HAV, cont.

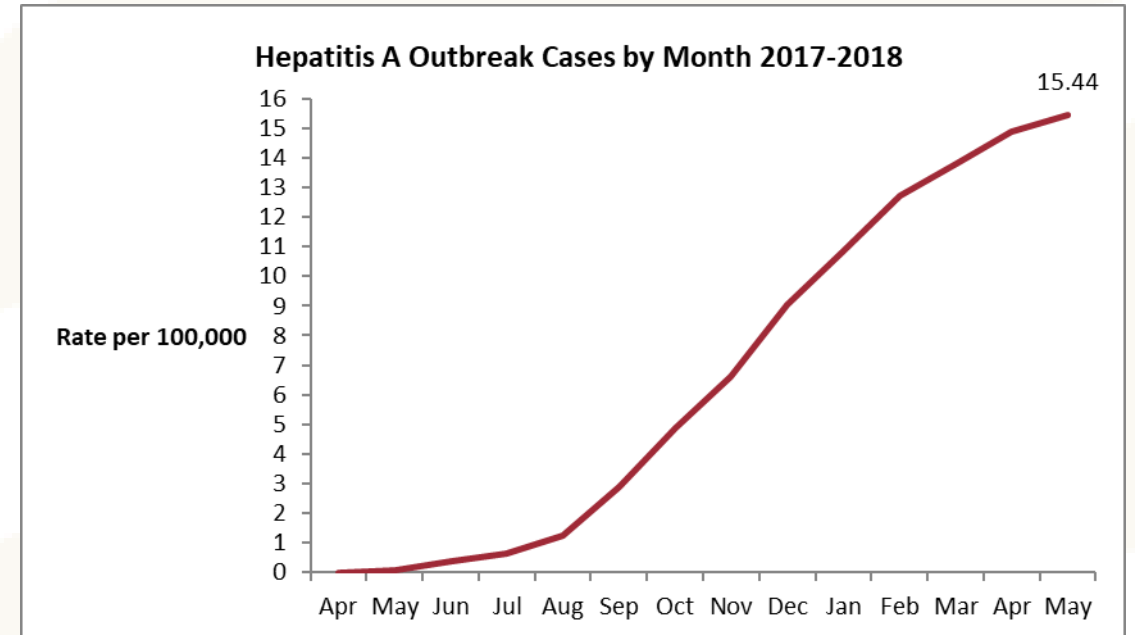
- Salt Lake County as of June 8, 2018
  - 181 cases
  - 172 outbreak related



# HAV, cont.

## 2017-2018 Hepatitis A rate per 100,000 population

	Outbreak Related Cases (172 cases)
% Female	33%
Average age	41.6
% Hospitalized	59%
Deaths	2
% Homeless	52%
% Illicit drug use	69%
% Homeless and illicit drug users	44%
% No risk factors	8%
% Incarcerated	15%



# Public Health response/actions

## **Sanitation, vaccination and education**

- Established ICS structure
- Letters to jail, prison, restaurants, downtown citizens, agencies that deal with homeless, providers
- Flyers for homeless
- Vaccination clinics (> 10,000 vaccines given)
- Incentives for vaccination
- Hand wipes at St. Vincent de Paul before meals
- Collaboration with UDOH, CDC, agencies interacting with homeless/drug users/incarcerated individuals, restaurants, cities leadership
- Media releases/interviews
- Public education
- Surveillance/case management
- Environmental clean ups
- Education/flyers for restaurants about proper cleaning

# Questions ?