Hepatitis A Public Health Emergency: 60 Day Update
NATIONAL DATA (10/25/19)
Cases: 27,474
Hospitalizations: 16,589
Deaths: 275

FLORIDA DATA (10/26/19)
Cases: 3,452
Hospitalizations: 2,688
Death: 48

A Vaccine-Preventable Disease

- Children routinely vaccinated before their 2\textsuperscript{nd} birthday since 2005
- 2-dose series, 6 months apart
- 1 dose, 93% of individuals are protected for 10 years
- 2 doses, ~100% protection
- Killed/inactivated virus
- Side effects are very rare
- Can be administered during pregnancy, to immunocompromised
- Can be given same time as influenza vaccination
Department of Health

Goal: Vaccinate High-Risk & Vulnerable Patients in Florida

High-Risk Individuals

• Intravenous or non-intravenous illicit drug users
• Individuals who are homeless
• Vaccinate 80%

Medically Vulnerable Individuals

• Individuals with underlying liver disease
• Individuals >60 years-of-age with a chronic medical condition

https://www.cdc.gov/hepatitis/hav/index.htm
### Department of Health

**High-Risk and Vulnerable Population Estimates**

#### High-Risk Population: CHD Primary Effort

<table>
<thead>
<tr>
<th>Homeless</th>
<th>Illicit Drug Users</th>
<th>Total</th>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>64,000</td>
<td>427,000</td>
<td>491,000</td>
<td>392,000</td>
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</tbody>
</table>

Homeless Management Information System Data (provided by the CDC)
Substance Abuse and Mental Health Services (provided by the CDC)

#### Vulnerable Population

<table>
<thead>
<tr>
<th>Estimated Numbers</th>
<th>Liver Disease</th>
<th>&gt;60 yrs Diabetes and/or Heart disease</th>
<th>Total Vulnerable Population</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>338,500</td>
<td>&gt;500,000</td>
<td>&gt;838,500</td>
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</tbody>
</table>
Includes all counties in Florida

Counties with a case rate greater than 10 per 100,000 persons or high case count (>100):

- Brevard
- Citrus
- Glades
- Hernando
- Hillsborough
- Lake
- Liberty
- Manatee
- Marion
- Martin
- Okeechobee
- Orange
- Pasco
- Pinellas
- Sumter
- Taylor
- Volusia

RECOMMENDATIONS

- Health care providers vaccinate high-risk patients
- Health care providers vaccinate medically vulnerable individuals
- Vaccinate individuals working with high-risk persons in a non-health care setting
- Health care providers report all cases of hepatitis A to county health departments
- Follow good handwashing procedures
- Cleaning of public shower, bathing, restroom facilities with bleach or other effective disinfectant solutions to kill the virus
Where to get vaccinated
- Health care provider
- Pharmacies
- County health departments
- Locations posted on www.floridahealth.gov

Who covers the vaccine
- Cost covered by commercial insurance
- Cost may be covered by Medicare Part B, D and Medicare Advantage plans
- County health departments providing for free to high-risk, uninsured or underinsured individuals
- **Coverage now offered by Medicaid plans**
Hepatitis A cases reported by week in Florida in 2018 and 2019 (Updated 10/26/19)
Department of Health

Highly Impacted areas

Cumulative rate per 100,000 population, 1/1/18–10/26/19
- 0.0
- 0.1 - 11.2
- 11.3 - 33.4
- 33.5 - 87.9
Overall decline in new cases since PHE as vaccination has increased
Deaths from Hepatitis A

**<60 years of age**
- 87% with underlying liver disease
- Only 1 person vaccinated

**>60 years of age**
- 12% with underlying liver disease
- 88% with other medical condition, including
  - diabetes mellitus,
  - hypertension, cardiovascular disease
  - obesity
- 100% not vaccinated
Department of Health

Opportunities

Medical Community
• Identify and vaccinate individuals with underlying liver disease at any age
• Identify and vaccinate individuals ≥ 60 years of age with a medical condition
• Vaccinate high-risk individuals in ER and outpatient setting

Public
• Handwashing
• Sanitation of rest rooms
• Get vaccinated
• Get hep A vaccine when you get your flu vaccine

Community Partners
• Vaccinate individuals in jails
• Vaccinate individuals in drug treatment programs
• Execute local agreements for vaccine administration
Medical Community Opportunities

• Identify and vaccinate individuals with underlying liver disease at any age
  • Medical Record Review, CPT code

• Identify and vaccinate individuals ≥ 60 years of age with a medical condition
  • Consider offering with influenza vaccination
  • Consider offering before discharge of hospitalized patients

• Vaccinate high-risk individuals in ER and outpatient setting
  • Prior to discharge after illicit drug overdose
Thank you