Hepatitis A Outbreak & Section 317 Funding Update

Damon Ferlazzo,
Deputy Section Administrator
Section for Disease Prevention
Missouri Department of Health and Senior Services
Hepatitis A Outbreak Overview as of February 15, 2020

- 655 outbreak-associated cases from Sept. 2017 in 46 counties.
- 11 new cases were reported: Dallas (1), Franklin (2), Greene (3), Joplin (1), Laclede (3), St. Louis County (1).
- The median age of cases is 39 years with a range of 5 - 89 years.
- 67% of cases report the use of illicit, injection, or non-injection drug use or have tested positive for illicit drugs.
- 58% (375) outbreak-associated cases were hospitalized; two cases have died.
- 4% (24) outbreak-associated cases of hepatitis A were working as a food handler.
- 26,938 doses have been administered by LPHAs in response to the outbreak.
Outbreak Associated Cases of Hepatitis A Reporting Illicit Drug Use by Week of Onset, Missouri - September 2017 through February 15, 2020 N=655
Outbreak-Associated Cases of Hepatitis A, Missouri - September 2017 through February 1, 2020:
Outbreak-Associated Cases of Hepatitis A, Missouri—December 13, 2019 through February 15, 2020
Response Updates

- Extending contract work periods
  - June 30, 2020 → Fall 2020
- Mobile medical unit transferred
- Refrigerators / Data Loggers
What is 317 Vaccine?

- Section 317 of the Public Health Service Act authorizes the federal purchase of vaccines to vaccinate children, adolescents, and adults.

- Over its 50 year history, Section 317-purchased vaccine has been directed towards meeting the needs of priority populations.

- Vaccine funding is 100% federal - no state funds.
What are CDC’s requirements for 317 vaccination?

- Immunization Programs (DHSS) may restrict these policies further:
  - Newborns receiving the birth dose of hepatitis B prior to hospital discharge that are covered under bundled delivery or global delivery package (no routine services can be individually billed) that does not include hepatitis B vaccine.
  - Fully insured infants of hepatitis B infected women and the household or sexual contacts of hepatitis B infected individuals.
  - Uninsured or underinsured adults.
  - Fully insured individuals seeking vaccines during public health response activities including:
    - Outbreak response
    - Post-exposure prophylaxis
    - Disaster relief efforts
    - Mass vaccination campaigns or exercises for public health preparedness
  - Individuals in correctional facilities and jails.
Uninsured or Underinsured

Please note the terms do not include:

- Individuals with health insurance that covers immunizations;
- Individuals with Medicare (unless the vaccine is not covered); or
- Individuals with Medicaid coverage for vaccine.
Can a provider charge for 317 vaccine?

- NEVER for the vaccine
- Yes, for the **administration** but this creates a barrier
- Not if they are a hepatitis A outbreak contractor LPHA administering off-site
<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Doses Available</th>
<th>Avg Dose $</th>
<th>Funds Available</th>
<th>Outbreak Request D</th>
<th>Outbreak Request $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flu 20-21</td>
<td>13,000</td>
<td>$12.22</td>
<td>$158,860</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hepatitis A</td>
<td>13,532</td>
<td>$27.39</td>
<td>$370,602</td>
<td>7,600</td>
<td>$199,804</td>
</tr>
<tr>
<td>Twinrix</td>
<td>610</td>
<td>$61.86</td>
<td>$37,734</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hepatitis B</td>
<td>590</td>
<td>$37.85</td>
<td>$22,334</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCV</td>
<td>271</td>
<td>$73.28</td>
<td>$19,859</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mening B</td>
<td>71</td>
<td>$93.33</td>
<td>$6,626</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MMR</td>
<td>1,630</td>
<td>$48.86</td>
<td>$79,641</td>
<td>1,090</td>
<td>$49,757</td>
</tr>
<tr>
<td>Pneumo-23</td>
<td>94</td>
<td>$62.69</td>
<td>$5,892</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TD</td>
<td>366</td>
<td>$16.03</td>
<td>$5,866</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tdap</td>
<td>5,095</td>
<td>$24.97</td>
<td>$127,204</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Varivax</td>
<td>650</td>
<td>$82.04</td>
<td>$53,326</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total: 35,909
$887,949
## Vaccines Not Part of Missouri 317

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Average Cost per Dose</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumococcal 13-valent (Prevnar 13™)</td>
<td>$125.07</td>
<td>No longer recommended by ACIP for adults 65+</td>
</tr>
<tr>
<td>HPV-9 (Gardasil®9)</td>
<td>$140.59</td>
<td>Cost</td>
</tr>
<tr>
<td>Zoster Vaccine Recombinant (Shingrix®)</td>
<td>$101.91</td>
<td>Cost</td>
</tr>
<tr>
<td>Vaccine</td>
<td>New</td>
<td>Old</td>
</tr>
<tr>
<td>-----------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Hepatitis A | ◦ Outbreak control and prevention approved by DHSS of at-risk (homeless, drug use, MSM, chronic liver disease, close contacts)  
◦ Post-exposure prophylaxis | ◦ Healthcare personnel required to show evidence of vaccination for employment,  
◦ Caregivers who have contact with infants less than 12 months of age, or  
◦ Outbreak control. |
| Prevnar 13™ | ◦ Not covered                                                          | ◦ Individuals who are over the age of 65 years, or  
◦ Immunocompromised adults, not including adults with chronic heart disease, chronic lung disease, chronic liver disease, or diabetes. |
| Gardasil®9 | ◦ Not covered                                                          | ◦ Underinsured or uninsured adults (including uninsured or underinsured high school students with all vaccines required for school attendance in Missouri) |
The new ShowMeVax is live!

The new system features:

- Compatibility with all web browsers and devices (not just Internet Explorer)
- Updated immunization history and forecasting for patients
- Upgraded reporting capabilities for clinicians
- Interfaces with modern Electronic Health Record (EHR) systems
- Enhanced vaccine ordering system

ShowMeVaxSupport@health.mo.gov