Global Infectious Disease

WHO Africa: Weekly Bulletin on Outbreaks and Other Emergencies
Week 24: June 10-16, 2017
- 40 ongoing events | 29 outbreaks | 11 humanitarian crises
  3 Grade 3 events, 7 Grade 2 events, 5 grade 1 events, 25 ungraded.
- Highlights:
  o Ethiopia: El Nino-induced Drought → AWD, Measles, SAM
    ▪ Severe acute malnutrition (SAM): as of 6/4/2107: 30,310 cases
    ▪ Acute Watery Diarrhea: As of 6/11/2017: 36,750 cases, 780 deaths, CFR 2.1%
    ▪ Measles: As of 6/11/2017: 2,082 cases/976 confirmed.
      - 18.7% - no previous measles antigen doses
      - 44.4% - unknown immunization status
  o DRC:
    ▪ Ebola (8 cases, 4 deaths, CFR 50%). Last confirmed cases May 21, 2017. Risk of further cases low.
    ▪ Circulating Vaccine Derived Poliovirus (5 cases, 0 deaths). Four cases of acute flaccid paralysis (AFP) have tested positive for VDPV type 2 in Haut Lomami (2 cases) and Maniema (2 cases) provinces. Active searches for additional potential cases is ongoing. The first round of reactive vaccination campaign using OPV2 was June 22-24.
o **Chad**: Hepatitis E (1,560 cases, 18 deaths, CFR 1.2%). Outbreak is experiencing a resurgence.

o **Tanzania**: Cholera (29,831 cases, 464 deaths, CFR 1.6%). Mainland Tanzania has observed a moderate decline in the outbreak that started August 2015, it is still ongoing in the Zanzibar archipelago.

o **Mauritania**: Dengue haemorrhagic fever (1 case, 0 deaths). Case was reported 6/2 and confirmed 6/7. Index case: 37 year old male Mauritanian national living in Angola, traveling from Angola 5/29 (and presenting to hospital same day). No history of contacts with Animals or ill people in Angola. Patient recovered and was discharged 6/5. No symptomatic cases among close contacts or health care workers at this time.

o **Humanitarian Crises**
  - Nigeria
  - South Sudan

**WHO Disease Outbreak News** ([www.who.int/csr/don/en/](www.who.int/csr/don/en/))
- 6/19 – Middle East Respiratory Syndrome Coronavirus (MERS-CoV) – Saudi Arabia

**Zika**
Currently active in:
- **Cape Verde, Mexico**
- **Africa**: Angola, Guinea-Bissau
- **Asia**: Maldives, Singapore
- **Caribbean**: Anguilla, Antigua & Barbuda, Aruba, The Bahamas, Barbados, Bonaire, British Virgin Islands, Cayman Islands, Cuba, Curacao, Dominica, Dominican Republic, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Montserrat, Puerto Rico, Saba, Saint Kitts & Nevis, Saint Lucia, Saint Martin, Saint Vincent & the Grenadines, Saint Eustatius, Trinidad & Tobago, Turks & Caicos, US Virgin Islands
- **Central America**: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama
- **The Pacific Islands**: Fiji, Marshall Islands, Micronesia, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga
- **South America**: Argentina, Bolivia, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Venezuela

**2017 US Case Counts**

<table>
<thead>
<tr>
<th></th>
<th>US</th>
<th>Cumulative Since 1/1/15</th>
<th>US Territories</th>
<th>Cumulative Since 1/1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Travelers</strong></td>
<td>139</td>
<td>5,024</td>
<td>0</td>
<td>143</td>
</tr>
<tr>
<td><strong>Local Mosquito-borne infection</strong></td>
<td>0</td>
<td>224</td>
<td>510</td>
<td>36,452</td>
</tr>
<tr>
<td><strong>Other Route</strong></td>
<td>1</td>
<td>48</td>
<td>0</td>
<td>0</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>140</strong></td>
<td><strong>5,296</strong></td>
<td><strong>510</strong></td>
<td><strong>36,595</strong></td>
</tr>
</tbody>
</table>

Territories effected: American Samoa, Puerto Rico, US Virgin Islands


Sadly, the Centers for Disease Control and Prevention (CDC) have reported that the 2016/2017 flu season has now claimed the lives of more than 100 children. 101 to be exact. This statistic is hauntingly familiar – three of the past five flu seasons also claimed the lives of more than 100 children.

From the Immunization Action Coalition

[http://www.immunize.org/nslt.d/n70/n70.pdf](http://www.immunize.org/nslt.d/n70/n70.pdf)
Volume 27, number 1

**Ask the Experts:** Recently we had a one-year-old with congenital heart disease and who is on chronic aspirin therapy in for a well-child check and routine vaccination. Are there any recommendations regarding varicella vaccine being given to children who are on chronic aspirin therapy?
Ask the Experts: We received a report of an infant who received rotavirus vaccine intramuscularly rather than orally. Is this dose valid? If not, when should it be repeated?


COLUMN: When parents force the government’s hand on vaccines.

Southwest Colorado vaccination rates lower than average.

Hawaii mumps cases tops 100.

LA County health officials say 42 people have been infected with mumps.

Mumps epidemic close to over (WA).

Why should boys get the HPV vaccine? (OR)

In other news…


Predictions of virus spillover across species - https://www.nature.com/articles/nature23088.epdf


Continuing Education…

CDC’s Pink Book Webinar Series: 15 webinars reviewing the principles of vaccination, general recommendations, immunization strategies for providers, and specific information about vaccine-preventable diseases and the vaccines that prevent them. Register HERE: https://www2.cdc.gov/vaccines/ed/pinkbook/

Wednesday, June 28, 12:00 pm ET – General Recommendations, Part 1

If you have something you would like to see added to the ICD’s Week in Review, please e-mail ksmith@delamed.org.