Week in Review
September 5, 2017

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, September 6, 12:00 pm ET – Measles, Mumps, and Rubella

**NFID Webinar: The Role of Healthcare Professionals in Protecting Older Adults Against Influenza**

Wednesday, September 6, 2017 at 12:00 pm ET

A panel discussion focusing on the critical role healthcare professionals play in protecting adults age 65+ against influenza, the annual burden of influenza on older adults, and safe and effective influenza vaccines specifically for the 65+ crowd.


September 2017 Issue: Zoonoses


Global Infectious Disease

WHO Africa: Weekly Bulletin on Outbreaks and Other Emergencies
Week 35: August 26 – September 1, 2017
- 2 new events | 43 ongoing events | 31 outbreaks | 14 humanitarian crises
2 Grade 3 events, 5 Grade 2 events, 8 grade 1 events, 27 ungraded.

- **New Events:**
  o *Mali* – *Dengue Fever* (15 cases, 0 death). Case patient is a 14 year-old boy from Bamako with a high fever, intense headache, nasal obstruction, vomiting, and profuse diarrhea. He received treatment, fully recovered, and was discharged. Following the confirmation of dengue, the Ministry of Health launched outbreak investigations and found 40 other suspected cases.
  o *Uganda* – *Crimean-Congo Hemorrhagic Fever* (8 cases, 2 deaths, CFR 25%). Blood samples from two suspected viral hemorrhagic fever (VHF) cases from Nakaseke Hospital, and one suspected case from Kiboga hospital were collected: two were found positive for CCHF. Both cases are male farmers with known livestock exposure. No epidemiological link is suggested.
  o *Cabo Verde* – *Malaria* (101 cases, 0 death). An unusual increase in indigenous transmission has continued since July. All the locally acquired cases live in the capital city of Praia, Santiago Island. *Plasmodium falciparum* has been confirmed as the causative agent. Cabo Verde is a low malaria risk area, and transmission is generally limited to the rainy season (Sept – Nov).
  o **Humanitarian Crises**
    - *Uganda* – The influx of refugees has continued as the security situation in neighboring countries remains fragile. Registered refugee and asylum seekers number 1,326,750 as of August 1, 2017. More than 75% are from South Sudan.
    - *DRC* – Armed conflict and general insecurity have created this longstanding crisis. The Kasai crisis began in 2016, and has now expanded to 8 of the 26 provinces. As of August 2017, there are 1.4 million (Kasai) and 3.8 million (country-wide) internally displaced persons.
    - *Sierra Leone* – The impact of the flash floods and mudslide on August 14 is still being felt. Additional rainfall caused additional flash floods on August 26 in Freetown, resulting in the deaths of 2 people, and additional damage to property and essential medical supplies. As of August 29, the number of dead bodies (due to the first event) remains at 499. Nearly 6,000 have been displaced.
    - *DRC* – Torrential rains on the night of August 15-16 caused a landslide, destroying almost all of a small, remote fishing village. 174 are presumed dead, but due to logistical issues,
only 34 bodies have been recovered. Approximately 280 children were orphaned.

WHO Disease Outbreak News (www.who.int/csr/don/en/)

- 9/05 – China: Human infection with avian influenza A(H7N9)
- 8/30 – French Guiana: Yellow fever
- 8/28 – UAE: MERS-CoV

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>As of August 30, 2017</th>
<th>US Cumulative Since 1/1/15</th>
<th>US Territories Cumulative Since 1/1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>223</td>
<td>5,162</td>
</tr>
<tr>
<td>Local Mosquito-borne</td>
<td>0</td>
<td>224</td>
</tr>
<tr>
<td>Other Route</td>
<td>2 (sex)</td>
<td>49</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>225</strong></td>
<td><strong>5,435</strong></td>
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</tbody>
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40 States with symptomatic disease cases: Alabama, Alaska, Arizona, California, Colorado, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Jersey, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

10 States without symptomatic disease cases: Arkansas, Connecticut, Delaware, District of Colombia, Idaho, Montana, New Hampshire, New Mexico, North Dakota, South Dakota, Tennessee

**Territories effected:** American Samoa, Puerto Rico, US Virgin Islands
Every Child By Two Co-Founder and President Rosalynn Carter Celebrates 90th Birthday

From the Immunization Action Coalition

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

US 2017 Recommended Immunization Schedule for Children & Adolescents

Issue 1323: August 30, 2017
http://www.immunize.org/express/issue1323.asp

Ask the Experts: I have a healthy 11-month-old patient whose family is traveling to Zimbabwe. Where they are traveling has a high rate of varicella. Should I give varicella vaccine to the infant before she travels to Africa?
COLUM: Those dreaded childhood illnesses are gone, right?

Breaking down vaccine fact vs. fiction

Why HPV vaccination rates remain low in rural states

Few young cancer survivors are up to date with HPV vaccines

In other news...

Attached article: Key Points for Human Infection with Influenza A (H1N2) Variant virus.

Hypervirulent Klebsiella pneumonia in a Chinese hospital -
http://www.thelancet.com/journals/laninf/article/PIIS1473-3099%2817%2930489-9/fulltext

Estimated economic impact of vaccination -


Drug to treat Chagas Disease to become available in the US -
http://www.doctorswithoutborders.org/article/drug-treat-chagas-disease-become-available-us

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