

# Week in Review August 3, 2020

# **Continuing Education!**

http://www.immunizedelaware.org/for-professionals/continuing-education-events/

- AHEC Webinar: HPV and Anal Cancer
  - Wednesday, August 12 | 12:00 -1:30 pm
- GSK Learning Opportunities
  - Meningococcal Survivor Speaker Program Series
  - SHINGRIX dosing and best practices

# 2019 Novel Coronavirus:

CDC Situation Summary: https://www.cdc.gov/coronavirus/2019-ncov/index.html

**COVIDView:** A weekly surveillance summary of US COVID-19 activity: <a href="https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covidview.html">https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covidview.html</a> (Note: due to new reporting procedures, CDC data may be out of date)

#### Confirmed Cases -

| Total Confirmed: 18,093.891 |           |                 |            |  |
|-----------------------------|-----------|-----------------|------------|--|
| Within 50 United States     |           | Worldwide Cases |            |  |
| Total                       | 4,667,957 | Total           | 18.093,891 |  |
| Deaths                      | 154,860   | Deaths          | 689,625    |  |
| Recovered                   | 1,468,689 | Recovered       | 10,700,077 |  |

#### News

- Delaware (https://de.gov/coronavirus)
  - o Cases: 14,949 (NCC 6,868; KC 2,199; SC 5,656)
    - Hospitalizations: 43, deaths: 585, recovered: 8,235
  - Weekly COVID Update, July 31 -<a href="https://dhss.delaware.gov/dhss/pressreleases/2020/additionalcases">https://dhss.delaware.gov/dhss/pressreleases/2020/additionalcases</a> 0731 20.html
- United States
  - Chloroquine doesn't prevent the spread of SARS-CoV-2 in the lungs, Should not be used for the treatment of COVID-19: Researchers -http:// outbreaknewstoday.com/chloroquine-doesnt-prevent-the-spread-of-sars-cov-2-in-the-lungs-should-not-be-used-for-the-treatment-of-covid-19-researchers-18982/
  - Experimental COVID-19 vaccine protects upper and lower airways in nonhuman primates - https://www.nih.gov/news-events/news-

- <u>releases/experimental-covid-19-vaccine-protects-upper-lower-airways-nonhuman-primates</u>
- Florida sets daily coronavirus death toll record for second consecutive day - <a href="https://www.usnews.com/news/health-news/articles/2020-07-29/florida-sets-daily-coronavirus-death-toll-record-for-second-consecutive-day">https://www.usnews.com/news/health-news/articles/2020-07-29/florida-sets-daily-coronavirus-death-toll-record-for-second-consecutive-day</a>
- Immune complement and coagulation dysfunction in adverse outcomes of SARS-CoV-2 infection - <a href="https://www.nature.com/articles/s41591-020-1021-2">https://www.nature.com/articles/s41591-020-1021-2</a>
- NIH delivering new COVID-19 testing technologies to meet US demand -<a href="https://www.nih.gov/news-events/news-releases/nih-delivering-new-covid-19-testing-technologies-meet-us-demand">https://www.nih.gov/news-events/news-releases/nih-delivering-new-covid-19-testing-technologies-meet-us-demand</a>

#### - World

- COVID-19 News: Rising cases in England delay easing of restrictions -<a href="https://www.newscientist.com/article/2237475-covid-19-news-rising-cases-in-england-delay-easing-of-restrictions/">https://www.newscientist.com/article/2237475-covid-19-news-rising-cases-in-england-delay-easing-of-restrictions/</a>
- Japan's COVID-19 resurgence. More than 1000 cases reported for fourth straight day - <a href="http://outbreaknewstoday.com/japans-covid-19-resurgence-more-than-1000-cases-reported-for-4th-straight-day-19702/">http://outbreaknewstoday.com/japans-covid-19-resurgence-more-than-1000-cases-reported-for-4th-straight-day-19702/</a>
- WHO Situation Report, August 2, 2020 <a href="https://www.who.int/docs/default-source/coronaviruse/situation-reports/20200802-covid-19-sitrep-195.pdf?sfvrsn=5e5da0c5">https://www.who.int/docs/default-source/coronaviruse/situation-reports/20200802-covid-19-sitrep-195.pdf?sfvrsn=5e5da0c5</a>



#### 2020-2021 Flu Season Resources

#### 2020-2021 Vaccine

Strains in this year's vaccine (\* indicates updates to 2019-2020 vaccine):

|   | Egg Based   | Cell- or Recombinant                 |  |  |  |
|---|---|--------------------------------------|--|--|--|
| Α | A/Guangdong-  | A/Hawaii/70/2019 (H1N1)pdm09-like    |  |  |  |
|   | Maonan/SWL1536/2019                                 | virus*                               |  |  |  |
|   | (H1N1)pdm09-like virus*                             |                                      |  |  |  |
|   | Hong Kong/2671/2019 (H3N2)-like                     | Hong Kong/45/2019 (H3N2)-like virus* |  |  |  |
|   | virus*  | ,                                    |  |  |  |
| В | Washington/02/2019 (B/Victoria lineage)-like virus* |                                      |  |  |  |
|   |   |                                      |  |  |  |
|   | Yamagata lineage: B/Phuket/3073/2013                |                                      |  |  |  |

#### Clinic Resources

- Holding a walk-in or drive-thru clinic? Want to utilize telemedicine in your flu vaccination campaign this year? Check out these resources from the VaccineShoppe: <a href="https://www.vaccineshoppe.com/index.cfm?fa=anon.pe">https://www.vaccineshoppe.com/index.cfm?fa=anon.pe</a>

# EMERGING INFECTIOUS DISEASES®

August 2020 – Volume 26, Number 8 – Parasitic Infections https://wwwnc.cdc.gov/eid

### WHO Afro Outbreaks & Emergencies

Week 30: July 20 - 26, 2020

- https://apps.who.int/iris/bitstream/handle/10665/333517/0EW30-2026072020.pdf
- New Events
- Ongoing Events
  - Central African Republic Measles (26,310 cases; 118 deaths; CFR 0.4%). The measles outbreak, ongoing since January, is showing a declining trend. A total of 21 health districts reached epidemic threshold in 2020.
  - DRC Ebola Virus Disease (2020) (67 cases; 31 deaths; CFR 46.3%). Nine additional cases and nine new deaths have been reported this week. Seven out of 18 heath zones and 23 out of 281 health areas in Equateur Province have reported at least one confirmed or probable case. At least one patient was a confirmed contact, was vaccinated, and was monitored regularly.
  - South Africa Coronavirus Disease (445,433 cases; 6,769 deaths; CFR 1.5%). Since last week, South Africa saw an 18% increase in cases, and deaths have increased by 25%. Community transmission is well established, and there is a heterogeneous distribution of cases and deaths across all nine provinces.
- Humanitarian Crisis
  - DRC. The complex crisis is further complicated by the growing COVID-19 outbreak, the 11<sup>th</sup> Ebola Virus Disease outbreak, and ongoing outbreaks of measles, cholera, and other infectious diseases. There are thousands of internally displaced and returning peoples, clashes between armed groups, and tense security situations.

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

- 8/01: French Guiana, France – Yellow Fever

## CDC Current Outbreak List (https://www.cdc.gov/outbreaks/index.html)

- *Cyclospora* – Bagged Salad Mix (June 2020)

#### **Travel Notices**

- July DRC: Ebola (Alert)
- April Ethiopia: Yellow Fever WATCH

# From the Immunization Action Coalition





Issue 1507: July 29, 2020

http://www.immunize.org/express/issue1507.asp

#### In other news...

- Immunization Works, July 2020 https://www.cdc.gov/vaccines/news/news/trs/imwrks/2020/2020-07.html
- NIH researchers discover new set of channels connecting malaria parasite and blood cells - <a href="https://www.nih.gov/news-events/news-releases/nih-researchers-discover-new-set-channels-connecting-malaria-parasite-blood-cells">https://www.nih.gov/news-events/news-releases/nih-researchers-discover-new-set-channels-connecting-malaria-parasite-blood-cells</a>

If you have something you would like to see added to the ICD's Week in Review, please e-mail <a href="mailto:ksmith@delamaed.org">ksmith@delamaed.org</a>.