



Week in Review
February 19, 2018

Flu Clinics...

Monday Through Friday

Hudson State Service Center, By Appointment Only
501 Ogletown Road, Newark, DE 19711 | 302-283-7587

Mondays

Milford State Service Center, 9:00 am – 4:00 pm (by appointment only)
253 NE Front Street, Milford, DE 19963 | 302-424-7130

Wednesdays

Williams State Service Center, 8:00 am – 3:30 pm (by appointment only)
805 River Road, Dover, DE 19901 | 302-857-5140

Fridays

Shipley State Service Center, 8:30 am – 12:00 pm AND 1:00 – 4:00 pm
350 Virginia Avenue, Seaford, DE 19973 | 302-628-6772

Running low on Influenza Vaccine?

Influenza Vaccine Doses are available. If you need additional doses there are resources to assist providers with locating doses to fill their need. The National Adult and Influenza Immunization Summit webpage provides access to the Influenza Vaccine Availability Tracking System- IVATS. Please check this resource for availability

<https://www.izsummitpartners.org/ivats/>

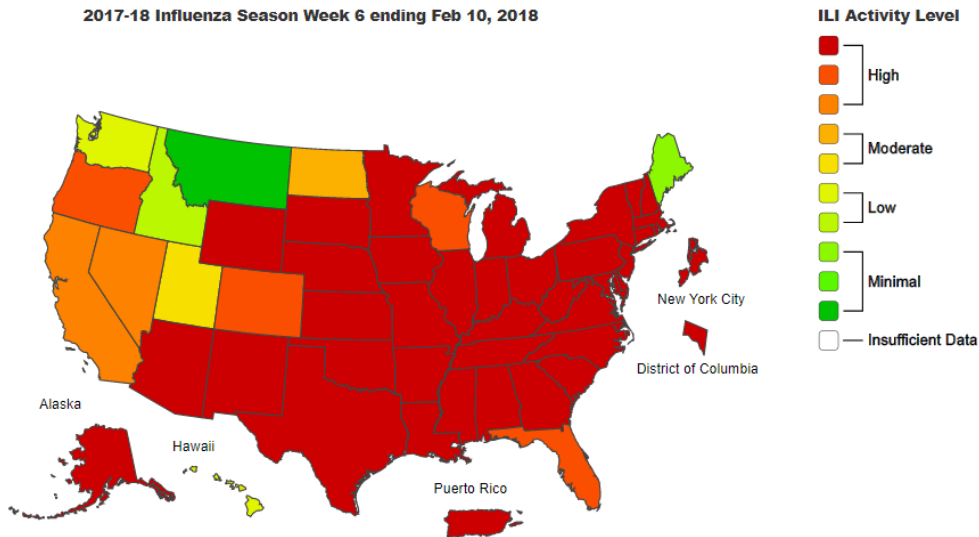


CDC Influenza Surveillance Report

<https://www.cdc.gov/flu/weekly/>

During week 6 (February 4 - 10, 2018), influenza activity remained elevated in the United States.

2017-18 Influenza Season Week 6 ending Feb 10, 2018



High influenza-like illness (ILI) activity was reported in New York City, the District of Colombia, Puerto Rico, and 43 states (including **Delaware**).

Moderate ILI activity was reported in 2 states (North Dakota and Utah).

Low ILI activity was reported in three states (Hawaii, Idaho, and Washington).

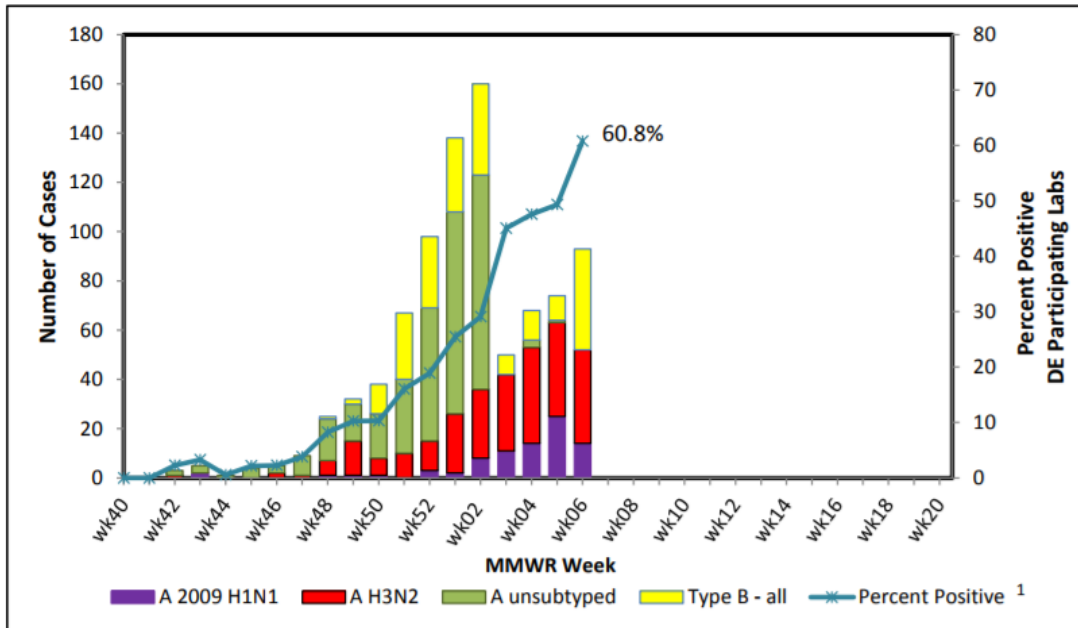
Minimal ILI activity was reported in two states (Maine and Montana).

Widespread influenza activity was reported in Puerto Rico and 48 states (including **Delaware**). **Regional** activity has been reported in Oregon, **local** activity in the District of Colombia, Guam, and Hawaii, and **no** activity has been reported by the US Virgin Islands.

	Week 6	Total
Specimen Tested	2,937	60,372
Positive Specimen (%)	1,676 (57.0)	33,130 (54.9)
Influenza A (%)	1,109 (66.2)	27,213 (82.1)
Influenza B (%)	567 (33.8)	5,917 (17.9)

In week 6, there were 1,268 lab-confirmed cases of flu in Delaware, and the state activity remains WIDESPREAD. There were 5 flu-related deaths.

Figure 1. Confirmed cases¹ of influenza by type and subtype/lineage, Delaware 2017-18*



¹ Based on patients with positive nucleic acid or viral culture test results reported to the Delaware Division of Public Health. Data Source: Season 2017 - 2018 Influenza Positive Specimens from Delaware, Reported by WHO/NREVSS Collaborating Laboratories

	Cases		Hospitalizations	
	Week 6	Total	Week 6	Total
Delaware	1268	4235	160	665
New Castle	484	1602	97	381
Kent	339	1106	31	142
Sussex	445	1527	32	142
Deaths	5	12		

EMERGING INFECTIOUS DISEASES®

March 2018, Volume 24, Issue 3 – Mycobacteria
https://wwwnc.cdc.gov/eid/pdfs/vol24no3_pdf-version.pdf

Global Infectious Disease

WHO Africa:
Weekly Bulletin on Outbreaks and Other Emergencies
 Week 7: February 10 - 16, 2018

1 New Event | 50 Ongoing Events | 42 Outbreaks | 9 Humanitarian Crises

<http://apps.who.int/iris/bitstream/10665/260242/1/OEW7-101622018.pdf>

- New Events:
 - o **DRC – Circulating Vaccine-Derived Polio** (21 cases, 0 deaths). An ongoing outbreak was declared a national public health emergency on Feb 13. A total of 21 children presented with typical acute flaccid paralysis (AFP) and tested positive for vaccine-derived poliovirus type 2. Three provinces (Haut-Lomami (8), Maniema (2), and Tanganyika (11) have been affected). There have been zero cases of wild-type polio declared in the DRC in the last 7 years.
- Ongoing Events:
 - o **Nigeria – Lassa Fever** (615 cases, 57 deaths, CFR 9.3%). Nineteen new confirmed cases and six deaths were reported from seven states this week. Of the 615 suspected cases, 193 have been confirmed and four classified as probable. Forty-seven deaths have occurred among the confirmed and probable cases (CFR in this group 23.9%). Seventy-five percent of all confirmed cases have come from the Edo (45%) and Ondo (30%) states. The age group of 30-50 has been predominantly affected.
 - o **Malawi – Cholera** (450 cases, 6 deaths, CFR 2%). The outbreak continues, with a total of 68 new suspected cases and one death reported this week. The new cases came from six districts: Lilongwe (33), Karonga (21), Salima (7), Rumphi (4), Dowa, Likoma, and Blantyre (1 each). Twelve out of 29 districts have been affected, with the majority coming from Karonga – the origin of the outbreak. The majority of cases are affecting those 15 years and older.
 - o **Tanzania – Cholera** (754 cases, 15 deaths, CFR 2%). The mainland is again experiencing an uptick in cholera cases – 278 new suspected cases this week, including 3 deaths. The new cases came out of the Dodoma (137 cases, 2 deaths), Ruvuma (69 cases), Iringa (39 cases, 1 death), and Rukwa (33 cases) regions. The United Republic of Tanzania has been experiencing a Cholera outbreak since August 15, 2015: As of Feb 11, Tanzania mainland has reported 29,360 cases, 481 deaths (CFR 1.6%). Zanzibar reported 4,688 cases and 72 deaths (CFR 1.5%).
 - o **Zambia – Cholera** (4,064 cases, 84 deaths, CFR 2.1%). The outbreak is steadily declining since peaking the first week of 2018. This week, a total of 110 new suspected cases and one death were reported. The majority of cases have occurred in the Lusaka district.
- Humanitarian Crisis:
 - o **Nigeria.** This is the ninth year of the crisis in north-east Nigeria, characterized by mass population displacement, destroyed infrastructure, and disruption of basic social services. An estimated 7.7 million people are in need of protection and relief aid, including IDPs and returnees from neighboring countries. Infrastructures and approximately 40% of health facilities have been destroyed and social services are not yet restored, leading to outbreaks of hepatitis E, and Acute Watery Diarrhea.
 - o **South Sudan.** This year marks the fifth year of the conflict in South Sudan, and the humanitarian crisis continues to intensify and expand. Widespread violence and a deteriorating economic situation have led to more than 1.9 million IDPs (over 85% of whom are women and children), and 2 million refugees to other countries. Approximately 7 million people are in need of

humanitarian assistance, and food insecurity is expected to affect 5.1 million people in 2018. Multiple locations in the country may experience famine in the dry season, and levels of acute malnutrition are likely to remain high (with over 1.1 million children below age 5 likely to be affected). Outbreaks of Rift Valley Fever are also being monitored at this time.

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

- 1/26 – Saudi Arabia – MERS-CoV

Zika: Areas at Risk

- **Africa:** Angola, Benin, Burkina-Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Congo, Cote d’Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Liberia, Mali, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, South Sudan, Sudan, Tanzania, Togo, Uganda
- **Asia:** Bangladesh, Burma (Myanmar), Cambodia, India, Indonesia, Laos, Malaysia, Maldives, Pakistan, Philippines, Singapore, Thailand, Timor-Leste (East Timor), Vietnam
- **Caribbean:** Anguilla, Antigua & Barbuda, Aruba, Barbados, Bonaire, British Virgin Islands, Cuba, Curacao, Dominica, Dominican Republic, Grenada, Haiti, Jamaica, Montserrat, Puerto Rico, Saba, Saint Kitts & Nevis, Saint Lucia, Saint Martin, Saint Vincent & the Grenadines, Sint Eustatius, Sint Maarten; Trinidad & Tobago, Turks & Caicos, US Virgin Islands
- **Central America:** Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama
- **North America:** Mexico
- **The Pacific Islands:** Fiji, Papua New Guinea, Samoa, Solomon Islands, Tonga
- **South America:** Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Venezuela

2018 US Case Counts

*The CDC is now updating this information on a bi-weekly basis.

As of Feb 7, 2018	US 2018	US 2017	Cumulative Since 1/1/15	US Territories 2018	US Territories 2017	Cumulative Since 1/1/15
Travelers	1	414	5,372	0	1	147
Local Mosquito-borne infection	0	4	228	0	643	37,018
Other Route	0	6 (sex)	53	0	0	0
Total	1	424	5,653	0	644	37,165



Meningitis B and Your College Student: Preventing The Call

<https://shotofprevention.com/2018/02/14/meningitis-b-and-your-college-student-preventing-the-call/>

From the Immunization Action Coalition



Issue 1349: February 14, 2018

<http://www.immunize.org/express/issue1349.asp>

Ask the Experts: Special Edition

<http://www.immunize.org/express/issue1350.asp>



Daily Clips: http://www.ecbt.org/index.php/daily_clips/index.php

EEOC sues Michigan hospital over flu vaccine policy (Reuters)

Concerned Parents Call for Increased Transparency on Pediatric Flu Deaths (CBS)

Here's why it's so hard to make a better flu vaccine (NBC)

OPINION: Focus on the flu, not the new (USA Today)

Influenza vaccine not associated with increased risk of epilepsy in children

Hepatitis A outbreak reaches Saginaw County

In other news...

ACIP is meeting in Atlanta this week. Find the webcast here.

<https://www.cdc.gov/vaccines/acip/meetings/webcast-instructions.html>

China Confirms First Ever Human Case of H7N4 Bird Flu

<https://www.theguardian.com/world/2018/feb/15/china-first-human-case-h7n4-bird-flu>

Study of Flu-Related Deaths in Children Shows Healthy Children at Risk

<https://www.cdc.gov/flu/news/flu-death-children.htm>

The Flu Vaccine is Working Better than Expected

<https://www.nytimes.com/2018/02/15/health/flu-vaccine-effectiveness.html?smid=fb-share>

Why the Flu is Often Missed in Older Adults

<https://www.nextavenue.org/flu-missed-older-adults/>

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