



**Miami County  
Public Health**

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Prevent. Promote. Protect.

**2019**

# **Communicable Disease Report**

January 1, 2019 – December 31, 2019

Prepared by Miami County Public Health

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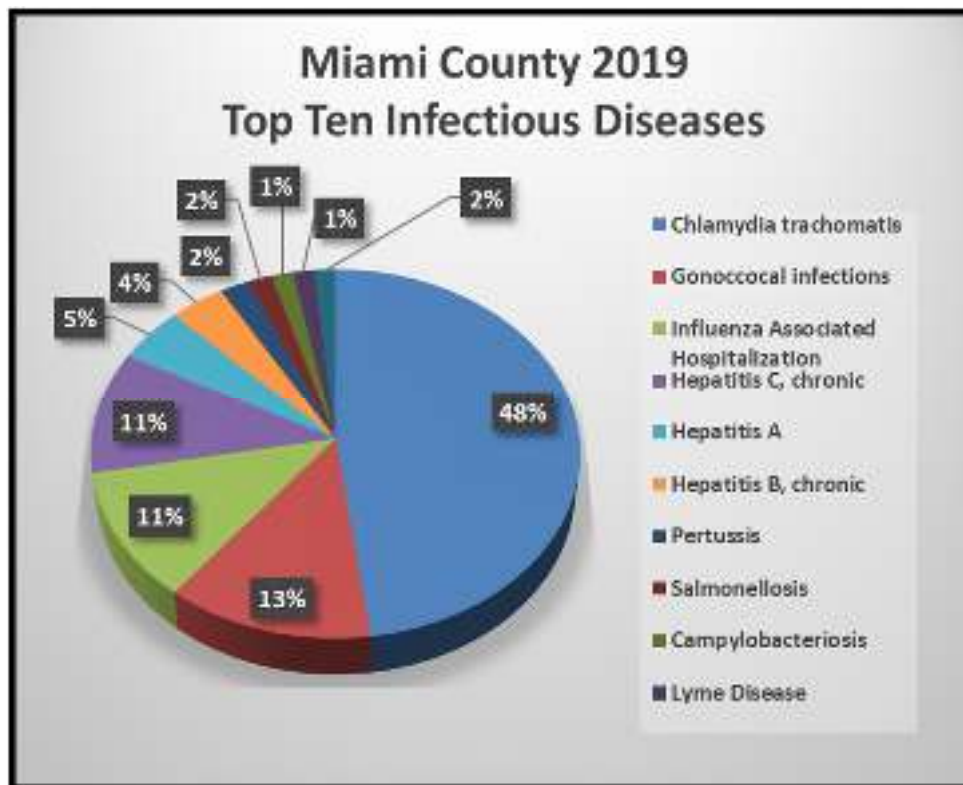
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# MIAMI COUNTY

## Reportable Communicable Diseases 2014-2019

	Miami	Miami	Miami	Miami	Miami	Miami
<b>Reportable Diseases</b>	<b><u>2014</u></b>	<b><u>2015</u></b>	<b><u>2016</u></b>	<b><u>2017</u></b>	<b><u>2018</u></b>	<b><u>2019</u></b>
Campylobacteriosis	21	12	13	20	13	10
Chlamydia	388	278	263	246	242	315
CP-CRE	0	0	0	0	5	2
Coccidioidomycosis	0	0	0	1	0	2
Cryptosporidiosis	0	1	20	2	2	3
E. chaffeensis	0	0	0	0	1	0
E. coli 0157	3	3	2	1	2	5
Giardiasis	2	1	5	4	10	2
Gonococcal infections	74	36	39	53	59	54
Haemophilus influenzae	0	0	0	0	0	1
Hepatitis A	0	0	0	0	26	32
Hepatitis B, acute	7	6	3	3	0	4
Hepatitis B, chronic	6	18	11	29	22	26
Hepatitis B, perinatal	0	0	0	1	3	2
Hepatitis C, acute	8	1	1	2	5	2
Hepatitis C, chronic	87	100	127	130	123	71
Hepatitis C - Perinatal Infection	0	0	0	0	0	2
HiB	1	4	0	0	1	0
InfluenzaAssocHospit	38	38	15	82	86	75
LaCrosse virus	0	0	0	0	1	0
Legionellosis	8	4	1	3	3	1
Lyme Disease	0	1	6	6	3	10
Measles	0	0	0	0	0	0
Meningitis, Bacterial	2	2	1	10	12	5
Meningitis, Viral	5	5	4	0	3	2
Mumps	1	0	3	1	3	1
Mycobacterium, non-TB	3	4	3	0	0	0
Mycobacterium, TB	0	0	0	0	0	0
Pertussis	12	5	19	15	9	14
Rubella	0	0	0	0	0	0
Salmonellosis	13	10	14	40	4	11
Shigellosis	0	0	0	2	1	1
Spotted Fever Rickettsiosis	0	0	0	0	1	2
Strep A, Invasive	2	1	5	8	5	10
Streptococcal-Group B newborn	0	0	0	0	0	2
Strep, Pneumo, Invasive	7	10	7	17	16	4
Toxic Shock Syndrome	0	0	0	0	1	1
Varicella	3	8	13	17	5	2
West Nile Virus	0	0	0	0	0	0
Yersiniosis	0	1	0	1	0	1
<b>Total per Year</b>	<b>696</b>	<b>551</b>	<b>577</b>	<b>709</b>	<b>679</b>	<b>709</b>

## MIAMI COUNTY



## 2019 Reportable Disease Outbreaks

### Class B Reportable Disease Outbreak

<i>E. coli</i> 0157:H7 and Shiga toxin-producing <i>E. coli</i> (STEC)	1
Hepatitis A	1

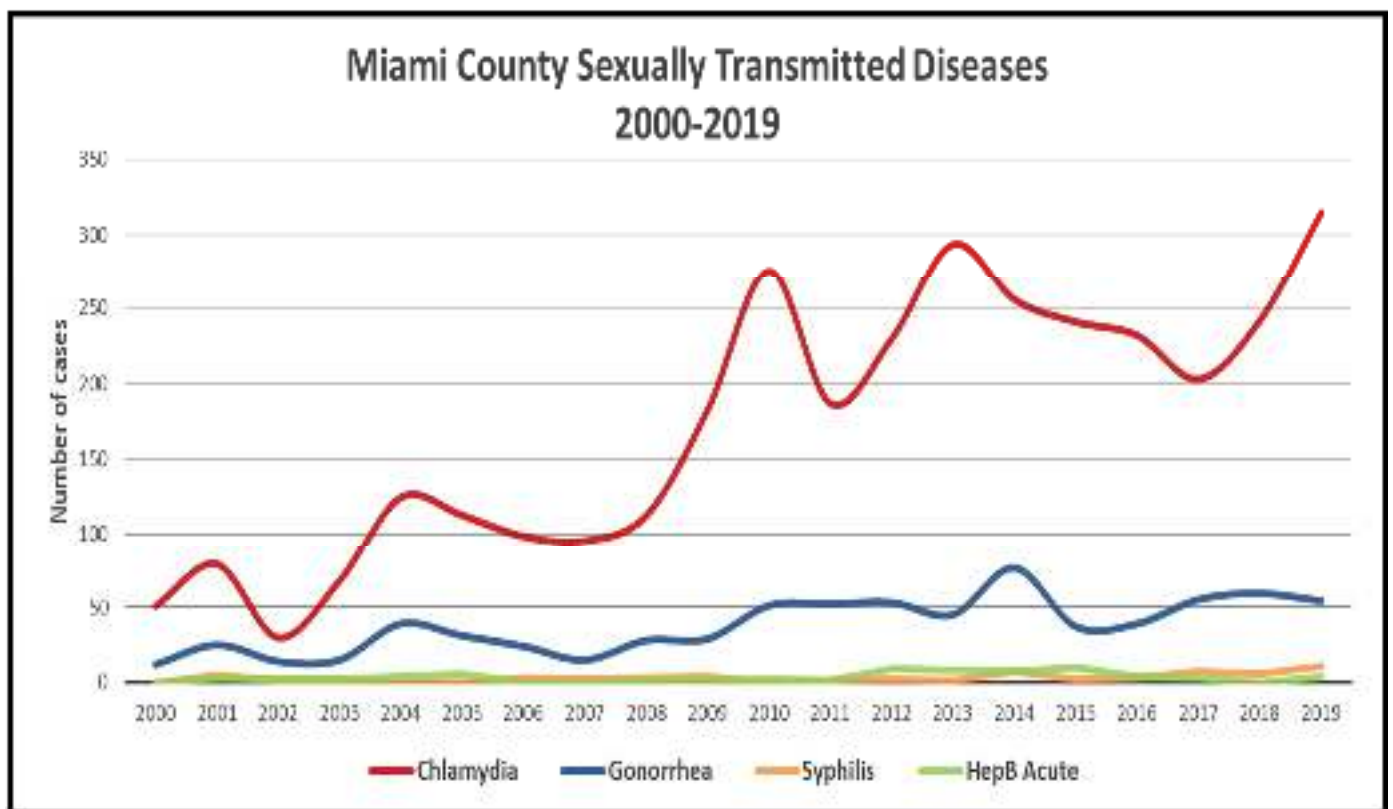
### Class C Reportable Disease Outbreaks

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### Sexually Transmitted Infections 2001-2019

Sexually transmitted infections (STIs) are passed from one person to another through intimate physical contact such as heavy petting and from sexual activity. STIs don't always cause symptoms so it is possible to have an infection and not know it. It is important to get tested if you are having sex.\*

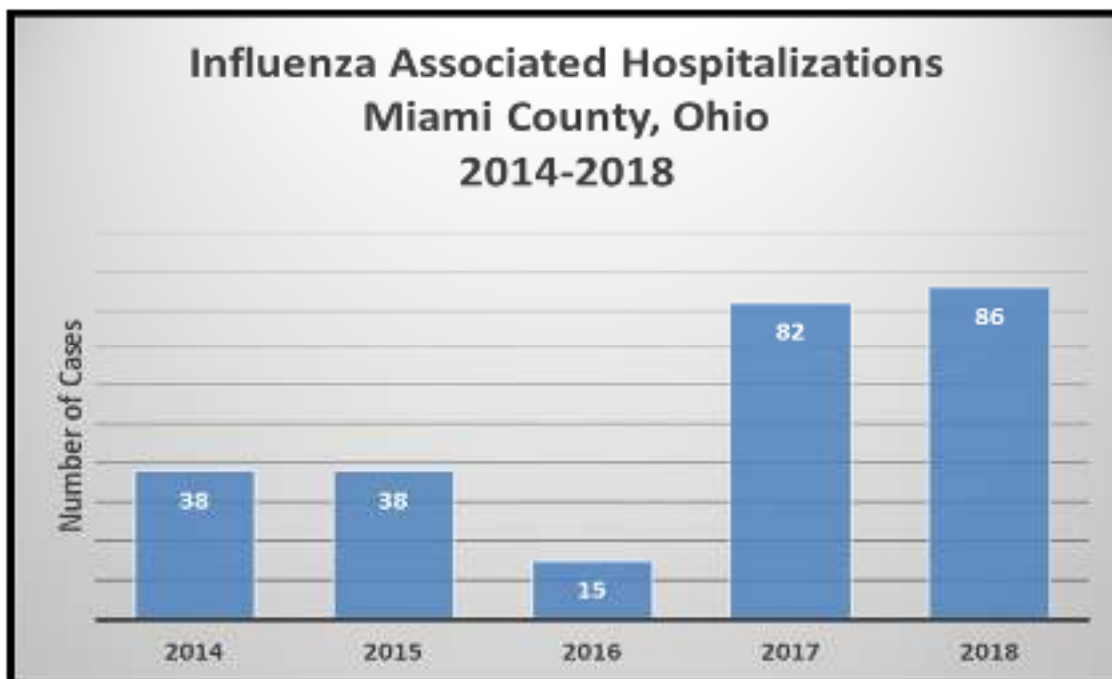


\*Centers for Disease Control and Prevention, Retrieved July 30, 2018 at <https://www.cdc.gov/std/default.htm>.

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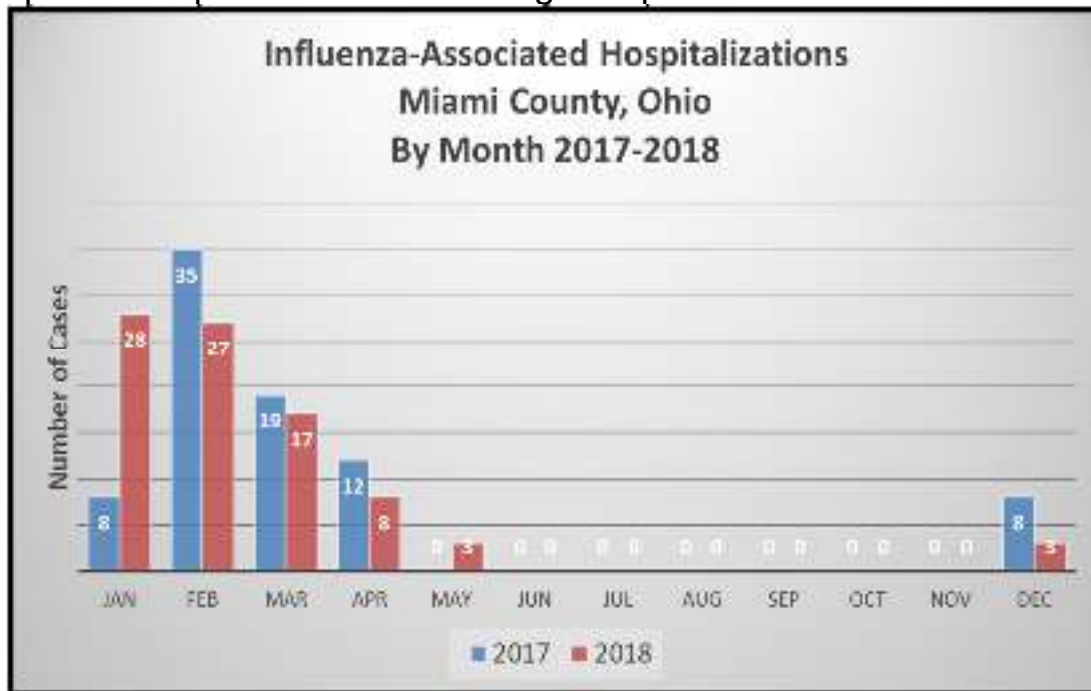
### 2019 Influenza Year

Influenza (flu) is a contagious respiratory illness caused by influenza viruses. It can cause mild to severe illness. Serious outcomes of flu infection can result in hospitalization or death. Some people, such as older people, young children, and people with certain health conditions, are at high risk of serious flu complications. The best way to prevent the flu is getting vaccinated each year.\*



\_\_\_\_\_ influenza-associated hospitalizations were recorded for 2019 compared to \_\_\_\_\_ cases in 2018. The West Central Ohio area also experienced a significant increase of influenza compared to the previous year. Two influenza outbreaks were recorded at long term care facilities which may have contributed to the increase.

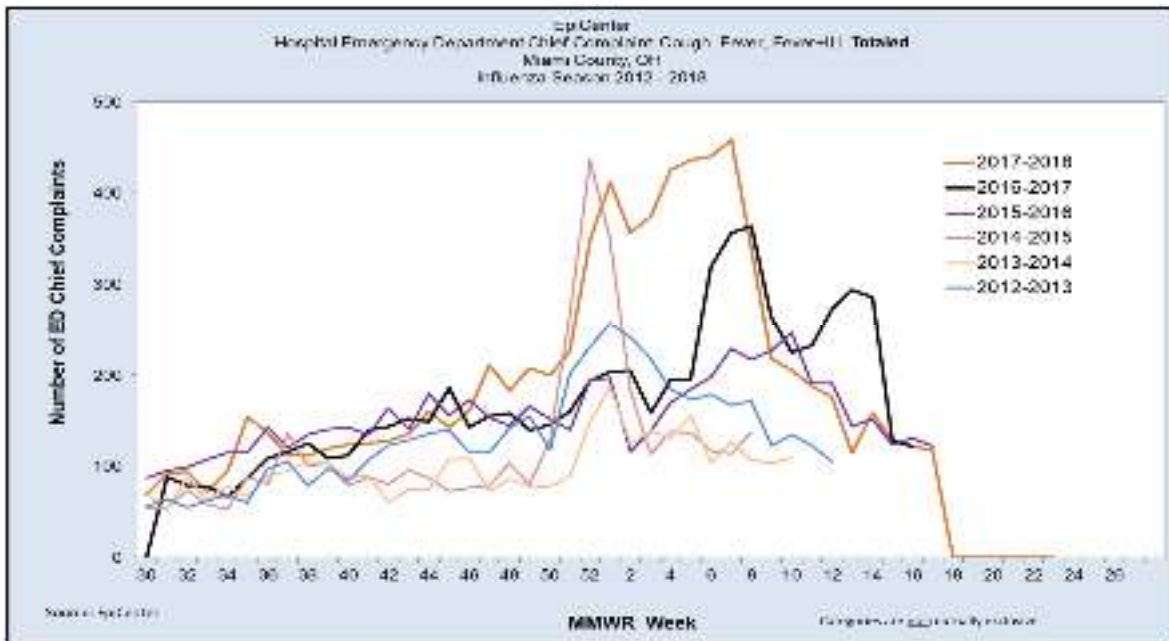
Symptoms for influenza include fever, body aches, headache, malaise, nonproductive cough, sore throat, and runny nose. The influenza virus is spread by direct person-to-person contact through droplets.



\*Centers for Disease Control and Prevention, Retrieved July 30, 2018 at <https://www.cdc.gov/flu/about/index.html>

EpiCenter is an electronic surveillance system for the chief complaint that is presented by the patient in an emergency room visit. ILI (Influenza Like Illness) is a hospital emergency department chief complaint associated with influenza that includes cough and fever.





## MIAMI COUNTY

### Hepatitis A

In June 2018, the Ohio Department of Health issued a statewide community outbreak for hepatitis A after observing an increase in cases linked to certain risk factors since the beginning of 2018. Outbreaks of hepatitis A were also occurring in the neighboring states of Indiana, Kentucky, Michigan, and West Virginia.\*

People at increased risk for hepatitis A in this outbreak included:

- People with direct contact with individuals infected with the virus
- Men who have sex with men
- People who use street drugs whether they are injected or not
- People who are incarcerated
- People experiencing homelessness
- People who have traveled to other areas of the U.S. currently experiencing outbreaks

**Miami County had twenty six cases in 2018** compared to zero cases in the previous four years. Miami County Public Health responded by conducting vaccination clinics at St. Patrick's Kitchen and the Miami County Jails.

\*<https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/outbreak-response-bioterrorism-investigation-team/news/newsevent1>