



# Communicable Diseases Quarterly Report

Quarter 1: January - March 31, 2020

Department of Public Health

	2019 Cases		2020 Cases	
	QTR 1	YTD	QTR 1	YTD
<b>Sexually Transmitted Diseases</b>				
<a href="#">AIDS<sup>1</sup></a>	11	11	<10	<10
<a href="#">Chlamydia</a>	1859	1859	963	963
<a href="#">Gonococcal Infection</a>	597	597	477	477
<a href="#">HIV<sup>1</sup></a>	29	29	24	24
<a href="#">Syphilis-Total</a>	311	311	279	279

Vaccine Preventable Diseases				
<a href="#">Hepatitis A</a>	0	0	<10	<10
<a href="#">Hepatitis B (Acute)</a>	<10	<10	<10	<10
<a href="#">Hepatitis B (Chronic)</a>	42	42	42	42
<a href="#">Meningococcal disease</a>	0	0	0	0
<a href="#">Mumps</a>	0	0	16	16
<a href="#">Pertussis</a>	17	17	<10	<10

Food Borne Diseases				
<a href="#">Campylobacteriosis</a>	47	47	43	43
<a href="#">Shiga Toxigenic E. Coli</a>	<10	<10	14	14
<a href="#">Giardia</a>	10	10	<10	<10
<a href="#">Salmonellosis</a>	18	18	20	20
<a href="#">Shigellosis</a>	18	18	<10	<10

Vector Borne & Zoonotic Diseases				
<a href="#">Lyme Disease</a>	0	0	<10	<10
<a href="#">Malaria</a>	<10	<10	0	0
<a href="#">West Nile Virus</a>	0	0	0	0
<a href="#">Zika Virus</a>	0	0	0	0

Selected Communicable Diseases				
<a href="#">Coccidioidomycosis</a>	142	142	165	165
<a href="#">Hepatitis C (Chronic)</a>	218	218	211	211
<a href="#">Legionellosis</a>	<10	<10	<10	<10
<a href="#">Meningitis</a>	<10	<10	31	31
<a href="#">Tuberculosis</a>	14	14	14	14

#### Definitions:

- **Communicable disease** – a disease which can be transmitted directly or indirectly by a living organism or by a non-living object or substance. Examples include: from an infected person to another person who is susceptible; from an object (sheets, clothing, telephone handset, drinking glass) that may harbor germs to a susceptible person.
- **Reportable disease** – in compliance with federal and state health code, certain diseases must be reported when a confirmed or suspect diagnosis is made on a secured and standardized form. <https://www.cdc.gov/nndss/conditions/notifiable/2019/> for more information.
- <sup>1</sup> Reporting for HIV and AIDS is delayed and the numbers presented are likely underreported.

#### Spotlight: Influenza

Influenza or flu is a respiratory illness caused by the influenza virus. Symptoms of infection can include: fever/chills, cough, runny nose, body aches, headache and fatigue. Flu is spread through respiratory droplets produced when infected people cough or sneeze. These droplets can land on the nose or mouth of others creating further infections. Flu can also be spread when one touches infected surfaces and then proceeds to touch their mouth, eyes or nose.

Every year it is important to receive an influenza vaccine however, this year in light of the COVID-19 pandemic, it is especially important. This is because both Influenza and COVID-19 have the potential to simultaneously increase hospitalizations causing an overburdened hospital system.

The best way to prevent flu is to get a flu vaccine before the start of the flu season, which typically begins in October. It is best to get the vaccine before the start of the season because it takes around two weeks for the vaccine to become effective. Although the 2020-21 flu season is underway, it is very early in the season and not too late to get vaccinated. Vaccines are especially critical for high risk groups including adults over 65 years and children younger than 5 years. In addition to receiving a flu vaccine, one can reduce their chance of catching or spreading influenza by: washing their hands often, covering their mouth when coughing or sneezing and staying at home to rest if they become ill.

#### References

<sup>1</sup>Centers for Disease Control and Prevention (2020). Influenza. Retrieved from: <https://www.cdc.gov/flu/index.htm>

#### Reportable Diseases in Fresno County:

A selection of Reportable Diseases appears in this Quarterly Report. Reportable disease information is compiled by number of cases and includes confirmed, probable and suspect classifications.

In the tables to the left, numbers of cases for each disease are listed for the current and previous year and corresponding quarter.

#### Helpful Links for Disease Rates

Centers for Disease Control and Prevention (CDC):

[www.cdc.gov/datastatistics](http://www.cdc.gov/datastatistics)

California Department of Public Health (CDPH):

<https://www.cdph.ca.gov>

Fresno County Department of Public Health:

<http://www.co.fresno.ca.us/departments/public-health>