



Communicable Diseases Quarterly Report

Quarter 1: January 1 - March 31, 2019

Department of Public Health

	2018 Cases		2019 Cases	
	QTR 1	YTD	QTR 1	YTD
Sexually Transmitted Diseases				
AIDS	11	11	<10	<10
Chlamydia	1797	1797	1796	1796
Gonococcal Infection	541	541	612	612
HIV	32	32	12	12
Syphilis-Total	326	326	323	323

Vaccine Preventable Diseases				
Hepatitis A	<10	<10	0	0
Hepatitis B (Acute)	<10	<10	<10	<10
Hepatitis B (Chronic)	33	33	111	111
Meningococcal disease	<10	<10	0	0
Mumps	0	0	0	0
Pertussis	12	12	18	18

Food Borne Diseases				
Campylobacteriosis	34	34	36	36
Shiga Toxigenic E. Coli	0	0	0	0
Giardia	14	14	10	10
Salmonellosis	17	17	18	18
Shigellosis	12	12	18	18
Food Borne Outbreaks	<10	<10	<10	<10

Vector Borne & Zoonotic Diseases				
Lyme Disease	<10	<10	0	0
Malaria	0	0	<10	<10
West Nile Virus	<10	<10	0	0
Zika Virus	0	0	0	0

Selected Communicable Diseases				
Coccidioidomycosis	182	182	139	139
Hepatitis C (Chronic)	170	170	238	238
Legionellosis	<10	<10	<10	<10
Meningitis	16	16	<10	<10
Tuberculosis	15	15	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://wwwn.cdc.gov/nndss/conditions/notifiable/2019/> for more information.

Spotlight: Measles

Measles is a very contagious infection caused by a virus. Ill people spread measles by coughing and sneezing while in contact with others.¹ Measles is so infectious that 90% of those who are not immune to measles and exposed to the virus will become ill.¹

Symptoms of measles begin between 7 and 14 days after a person is infected and include: fever, cough, runny nose and watery eyes.¹ Three to 5 days after the initial symptoms onset, a rash will appear that looks like flat red spots.¹ As the disease progresses, this rash will spread all over the body.¹

During 2019, the United States has reported 880 cases of measles (as of 5/17/19), and this is the largest number of cases reported in the US since the disease was declared eliminated in 1994.¹ The causes for the large increase in cases is due to travelers (both foreign and US born) who import measles into the United States, and unvaccinated people.¹ As of May 15, 2019, 45 measles cases have been reported in California and none of these cases are from Fresno County.²

The most effective way to reduce measles transmission and complications is by being vaccinated. The measles vaccine is around 97% effective at preventing disease and very safe.¹ The CDC recommends that children receive one dose of the measles vaccine at 12-15 months and the second at 4-6 years of age.³ If adults have no evidence of immunity to measles, they should also be vaccinated with 1 to 2 doses depending on their specific medical situation.³

For questions about the measles vaccine please contact the Fresno County Immunization Program at: (559) 600-3550.

References:

- ¹Centers for Disease Control and Prevention (2019). Measles (Rubeola). Retrieved from: <https://www.cdc.gov/measles/index.html>.
- ²California Department of Public Health – Immunization Branch (2019). Measles. Retrieved from: <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/measles.aspx>.
- ³Centers for Disease Control and Prevention. Recommended Child, Adolescent and Adult Immunization Schedules, United States, 2019. Retrieved from: www.cdc.gov/vaccines/schedules.

Reportable Diseases in Fresno County:

A selection of Reportable Diseases appears in this Quarterly Report.

Helpful links for disease rates

Centers for Disease Control and Prevention (CDC):

www.cdc.gov/datastatistics

California Department of Public Health (CDPH):

<https://www.cdph.ca.gov/Pages/CDPHHome.aspx>

Fresno County Department of Public Health:

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